

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056619.D
 Acq On : 8 Jul 2019 19:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 09 03:48:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	295838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	454177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	406900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	189214	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	161319	49.20	ug/l	0.00
Spiked Amount						
			Recovery	=	98.40%	
35) Dibromofluoromethane	7.59	113	142103	50.15	ug/l	0.00
Spiked Amount						
			Recovery	=	100.30%	
50) Toluene-d8	10.09	98	522002	47.35	ug/l	0.00
Spiked Amount						
			Recovery	=	94.70%	
62) 4-Bromofluorobenzene	12.40	95	185831	50.56	ug/l	0.00
Spiked Amount						
			Recovery	=	101.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	107436	42.889	ug/l	98
3) Chloromethane	2.06	50	142203	41.691	ug/l	99
4) Vinyl Chloride	2.18	62	143494	43.558	ug/l	99
5) Bromomethane	2.52	94	77752	40.259	ug/l	96
6) Chloroethane	2.68	64	85536	44.835	ug/l	99
7) Trichlorofluoromethane	3.00	101	196566	46.127	ug/l	98
8) Diethyl Ether	3.41	74	84865	47.056	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	126559	46.571	ug/l	99
10) Methyl Iodide	3.95	142	159509	43.428	ug/l	100
11) Tert butyl alcohol	4.80	59	140506	254.432	ug/l	98
12) 1,1-Dichloroethene	3.73	96	120709	46.189	ug/l	98
13) Acrolein	3.60	56	54818	117.779	ug/l	98
14) Allyl chloride	4.32	41	218496	50.225	ug/l	98
15) Acrylonitrile	4.99	53	405215	265.236	ug/l	99
16) Acetone	3.82	43	321603	195.774	ug/l	99
17) Carbon Disulfide	4.05	76	239042	40.215	ug/l	99
18) Methyl Acetate	4.32	43	180398	56.176	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	438495	50.707	ug/l	99
20) Methylene Chloride	4.55	84	149076	48.106	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	128834	45.725	ug/l	98
22) Diisopropyl ether	5.95	45	475347	52.028	ug/l	97
23) Vinyl Acetate	5.90	43	1953151	271.042	ug/l	99
24) 1,1-Dichloroethane	5.85	63	261894	49.937	ug/l	99
25) 2-Butanone	6.84	43	536840	246.919	ug/l	99
26) 2,2-Dichloropropane	6.83	77	178735	49.001	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	160680	48.743	ug/l	99
28) Bromochloromethane	7.19	49	126382	48.719	ug/l	99
29) Tetrahydrofuran	7.21	42	363039	273.242	ug/l	98
30) Chloroform	7.37	83	258299	49.912	ug/l	99
31) Cyclohexane	7.65	56	218219	43.100	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	207802	50.658	ug/l	99
36) 1,1-Dichloropropene	7.79	75	182845	45.739	ug/l	100
37) Ethyl Acetate	6.93	43	212789	54.164	ug/l	99
38) Carbon Tetrachloride	7.77	117	172333	49.297	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	215123	43.612	ug/l	99
40) Benzene	8.04	78	577983	47.004	ug/l	98
41) Methacrylonitrile	7.17	41	90271	52.036	ug/l	98
42) 1,2-Dichloroethane	8.12	62	193253	47.621	ug/l	99
43) Isopropyl Acetate	8.17	43	342233	56.495	ug/l	98
44) Trichloroethene	8.83	130	155159	46.842	ug/l	99
45) 1,2-Dichloropropane	9.12	63	162245	49.337	ug/l	99
46) Dibromomethane	9.21	93	101931	49.543	ug/l	98
47) Bromodichloromethane	9.40	83	195426	53.556	ug/l	97
48) Methyl methacrylate	9.20	41	158525	52.221	ug/l	100
49) 1,4-Dioxane	9.20	88	68846	1092.850	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1089700	278.703	ug/l	99
52) Toluene	10.16	92	356941	47.479	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	209686	49.376	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	235007	53.481	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	152277	50.392	ug/l	99
56) Ethyl methacrylate	10.43	69	240952	54.561	ug/l	99
57) 1,3-Dichloropropane	10.71	76	255441	50.318	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	593959	374.376	ug/l	99
59) 2-Hexanone	10.75	43	784475	272.989	ug/l	99
60) Dibromochloromethane	10.90	129	154657	49.802	ug/l	99
61) 1,2-Dibromoethane	11.00	107	157402	51.000	ug/l	100
64) Tetrachloroethene	10.63	164	142201	44.130	ug/l	98
65) Chlorobenzene	11.43	112	386582	47.282	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	146872	53.151	ug/l	99
67) Ethyl Benzene	11.51	91	684027	47.647	ug/l	100
68) m/p-Xylenes	11.62	106	512310	97.376	ug/l	98
69) o-Xylene	11.95	106	250699	48.164	ug/l	99
70) Styrene	11.96	104	432132	51.940	ug/l	99
71) Bromoform	12.13	173	113065	50.674	ug/l #	99
73) Isopropylbenzene	12.25	105	676327	47.452	ug/l	99
74) N-amyl acetate	12.07	43	277812	46.134	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	232644	53.065	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	276441	70.460	ug/l #	100
77) Bromobenzene	12.53	156	179949	42.533	ug/l	97
78) n-propylbenzene	12.59	91	759041	43.806	ug/l	99
79) 2-Chlorotoluene	12.67	91	454509	47.721	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	567483	47.545	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	64233	58.188	ug/l	92
82) 4-Chlorotoluene	12.77	91	452938	44.272	ug/l	99
83) tert-Butylbenzene	12.99	119	491570	47.221	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	565526	44.397	ug/l	100
85) sec-Butylbenzene	13.17	105	650727	42.727	ug/l	100
86) p-Isopropyltoluene	13.29	119	591507	45.256	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	298412	46.542	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	291986	47.022	ug/l	100
89) n-Butylbenzene	13.61	91	492601	49.785	ug/l	100
90) Hexachloroethane	13.87	117	91978	45.138	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	305073	47.958	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41818	59.730	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

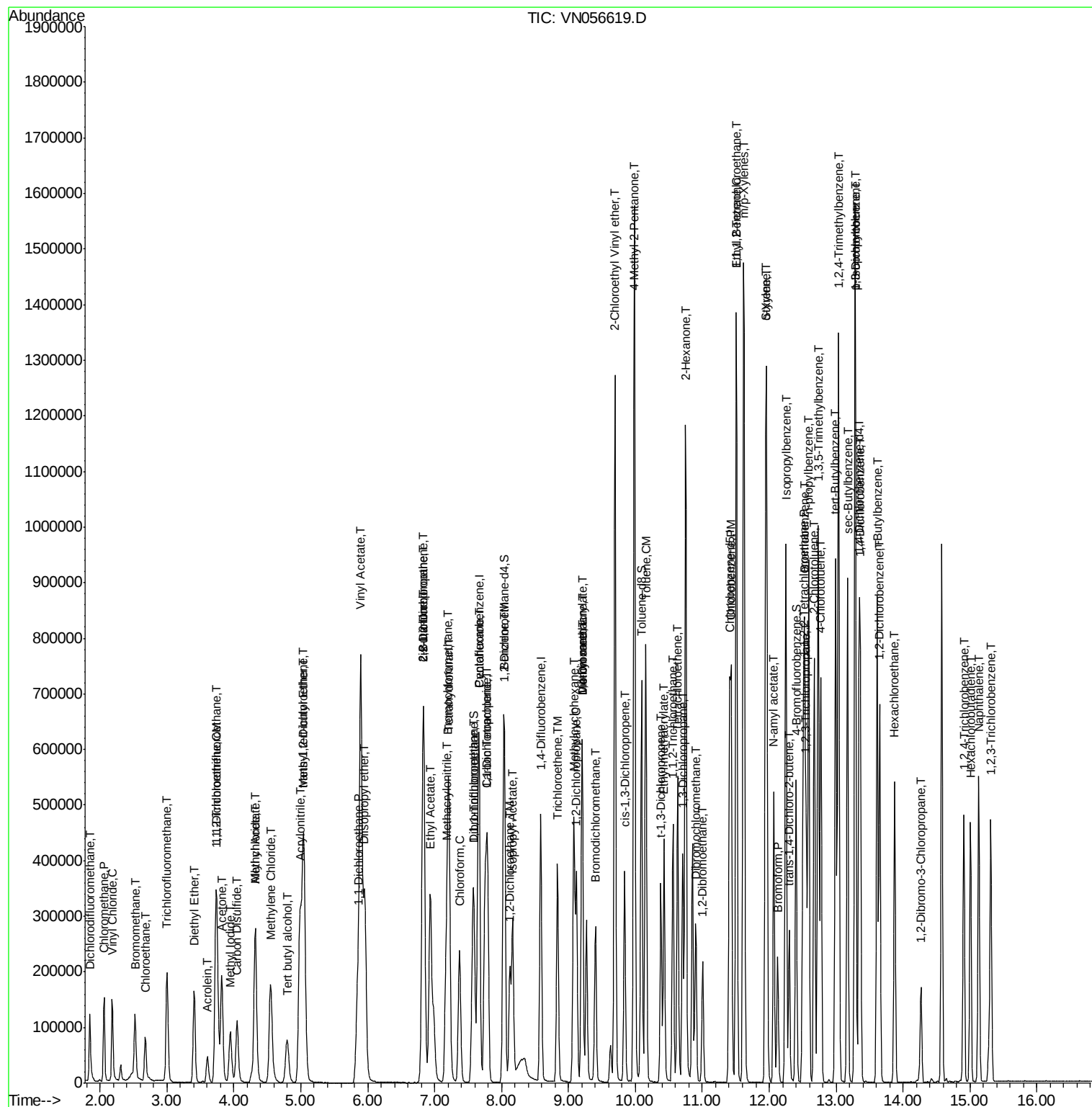
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	169663	51.079	ug/l	99
94) Hexachlorobutadiene	15.01	225	102211	47.312	ug/l	100
95) Naphthalene	15.13	128	483358	55.218	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	176010	51.163	ug/l	100

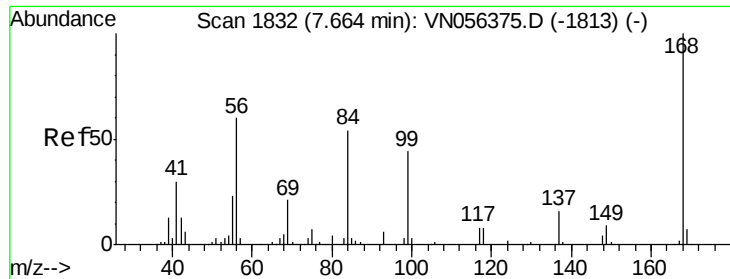
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

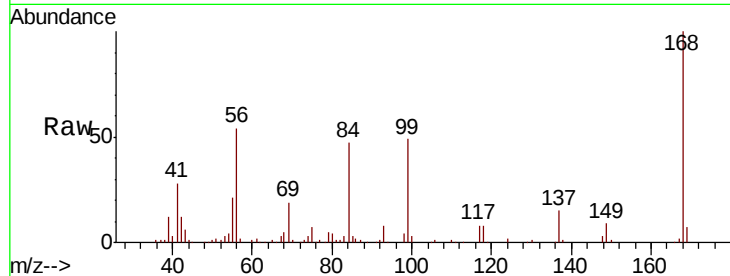
VSTDCCC050EC

Tot Ion:168 Resp: 295838

Ion Ratio Lower Upper

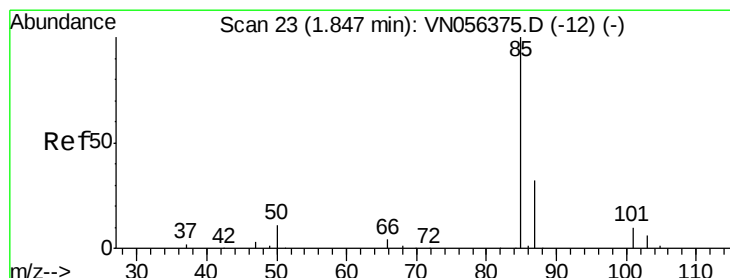
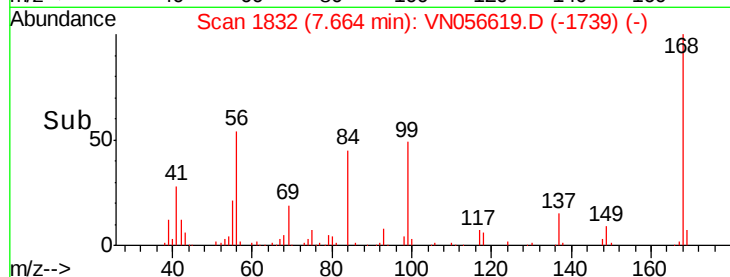
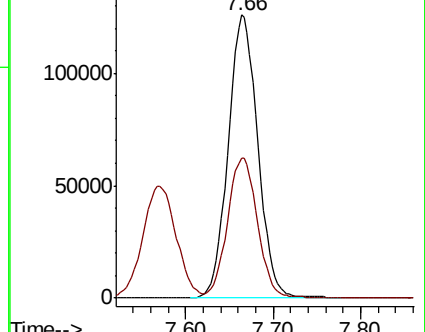
168 100

99 49.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 42.889 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056619.D

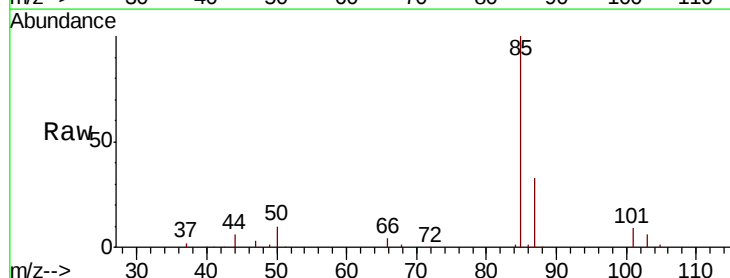
Acq: 8 Jul 2019 19:01

Tgt Ion: 85 Resp: 107436

Ion Ratio Lower Upper

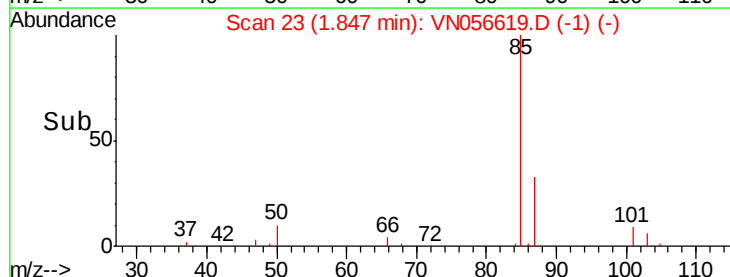
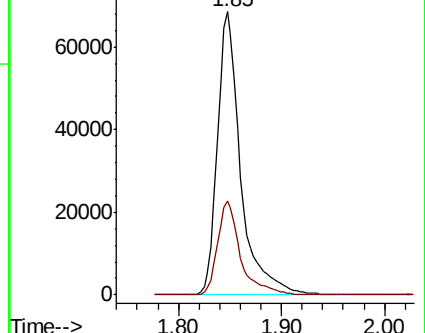
85 100

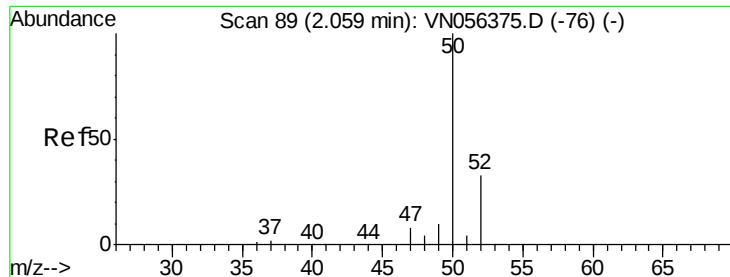
87 33.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 41.691 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

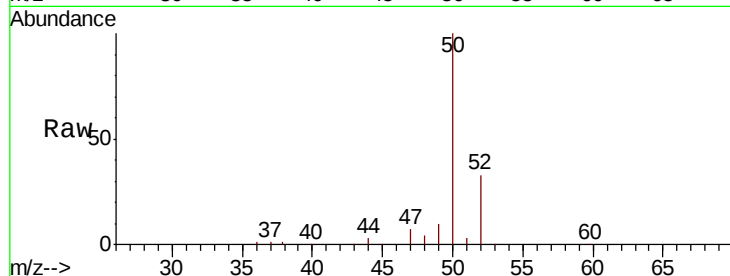
VSTDCCC050EC

Tot Ion: 50 Resp: 142203

Ion Ratio Lower Upper

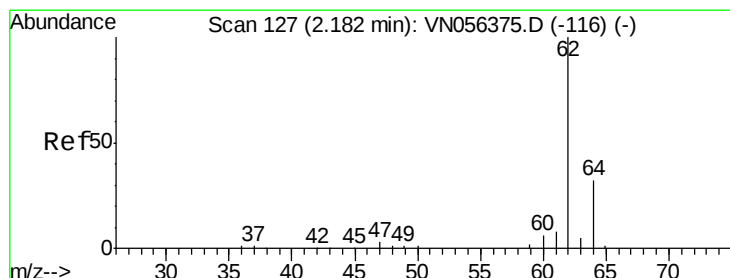
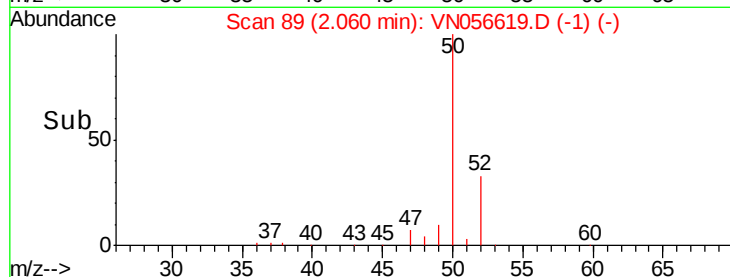
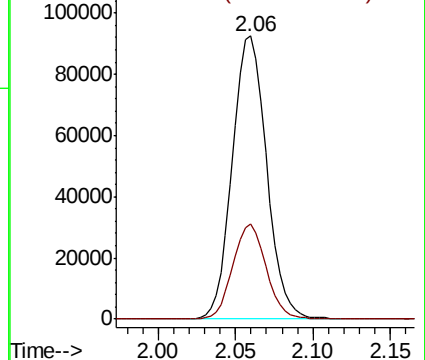
50 100

52 33.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 43.558 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056619.D

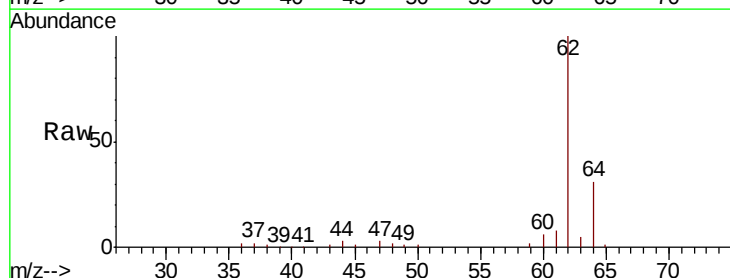
Acq: 8 Jul 2019 19:01

Tgt Ion: 62 Resp: 143494

Ion Ratio Lower Upper

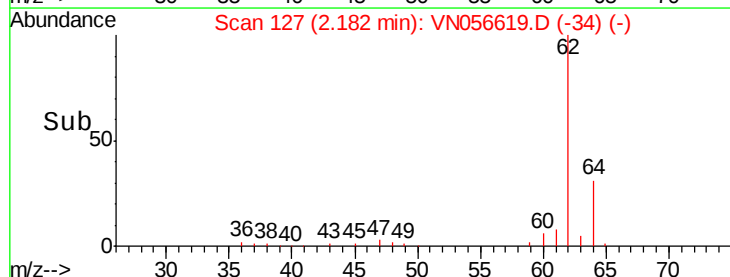
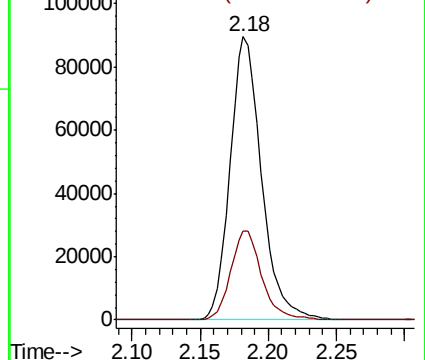
62 100

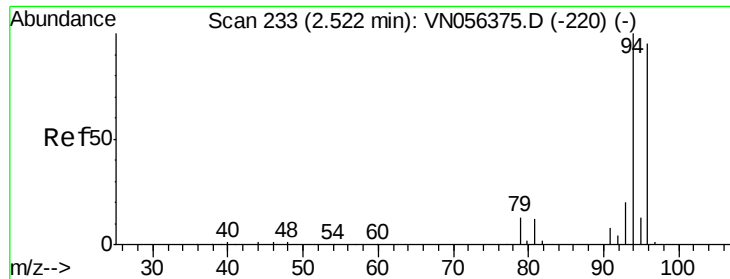
64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 40.259 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

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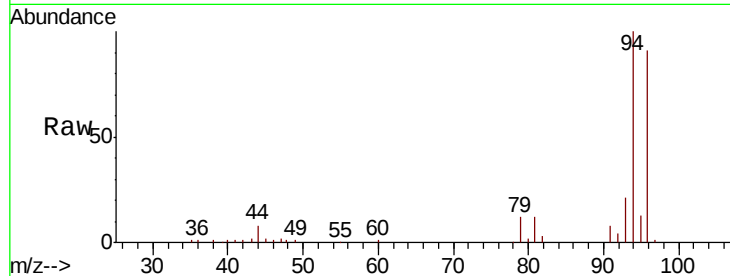
VSTDCCC050EC

Tot Ion: 94 Resp: 77752

Ion Ratio Lower Upper

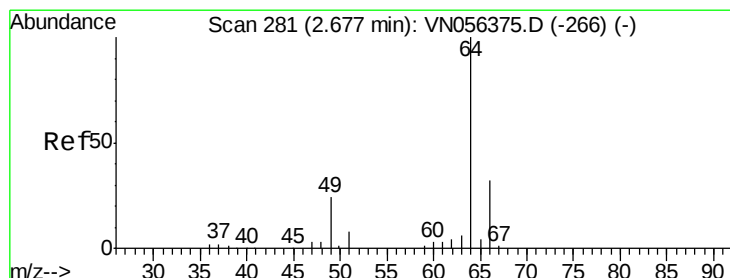
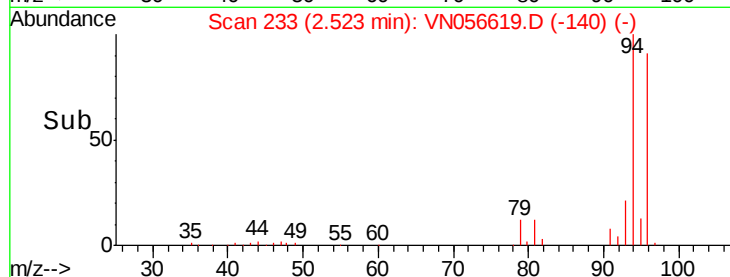
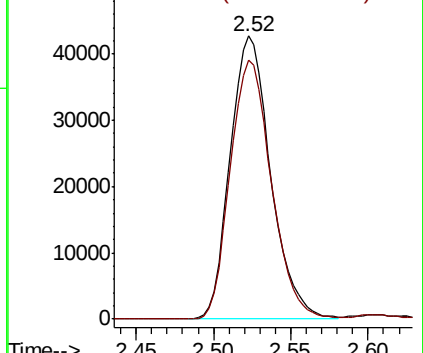
94 100

96 91.3 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 44.835 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN056619.D

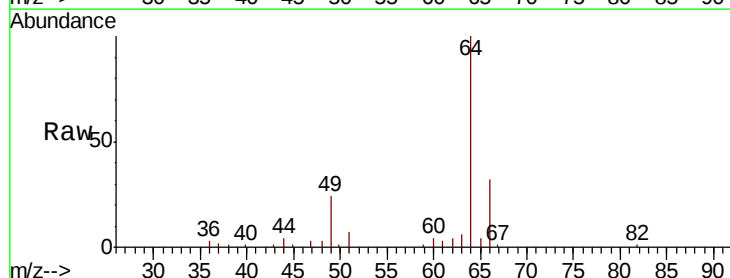
Acq: 8 Jul 2019 19:01

Tgt Ion: 64 Resp: 85536

Ion Ratio Lower Upper

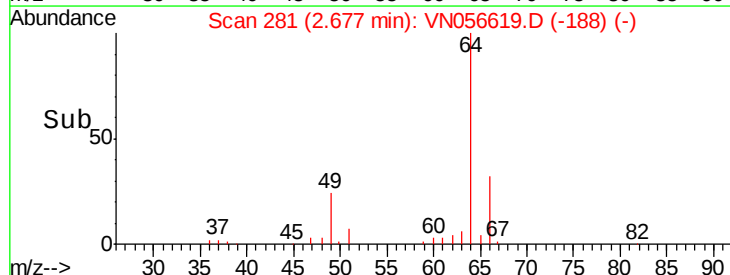
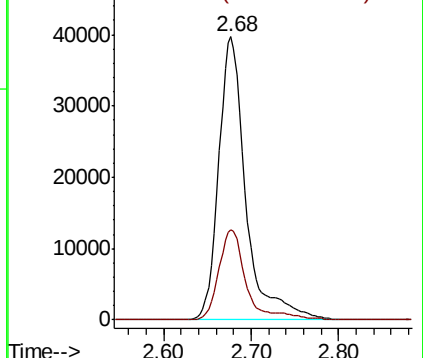
64 100

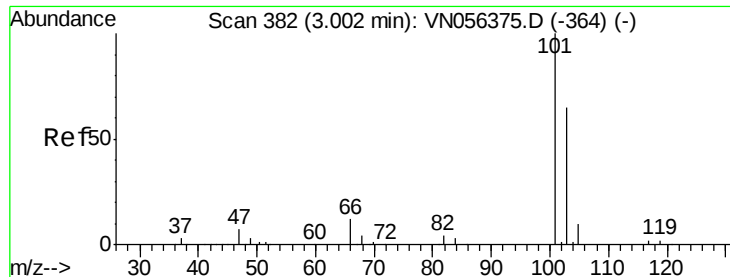
66 32.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



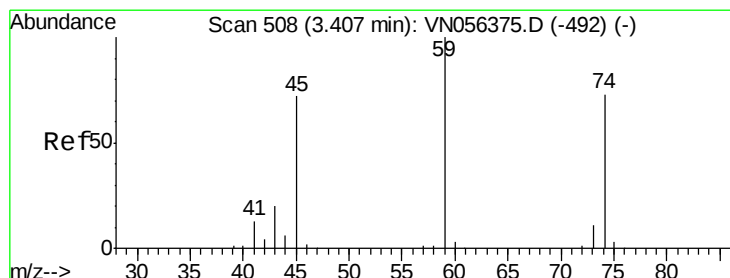
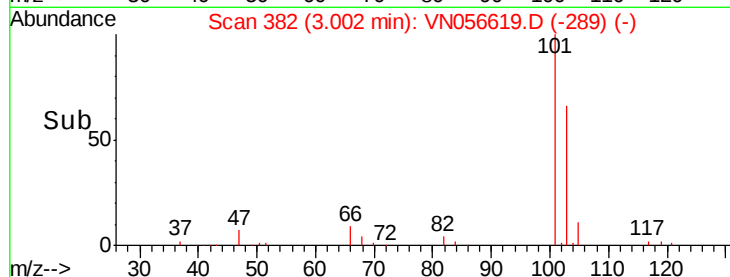
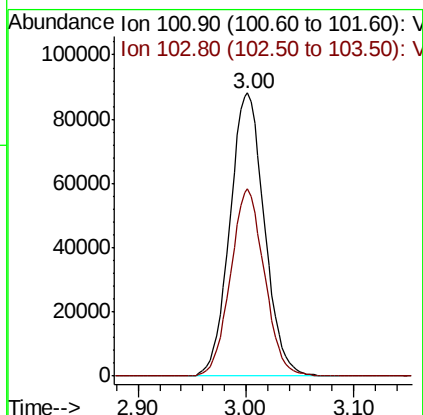
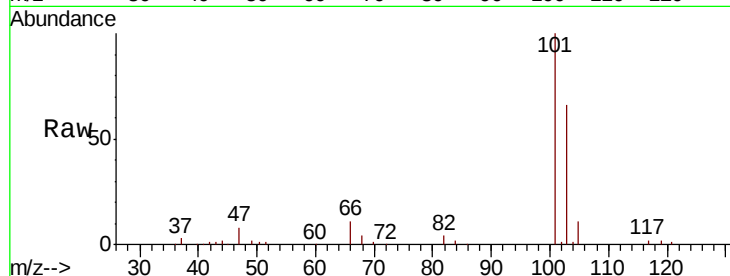


#7

Trichlorofluoromethane
 Concen: 46.127 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

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 VSTDCCC050EC

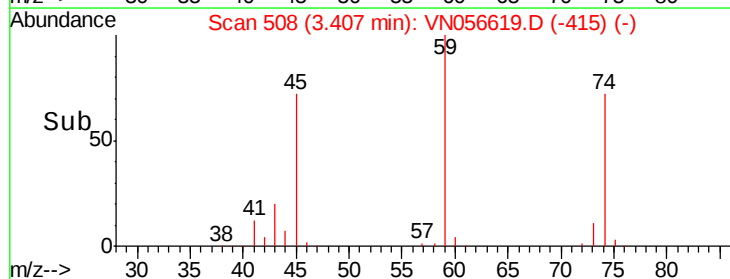
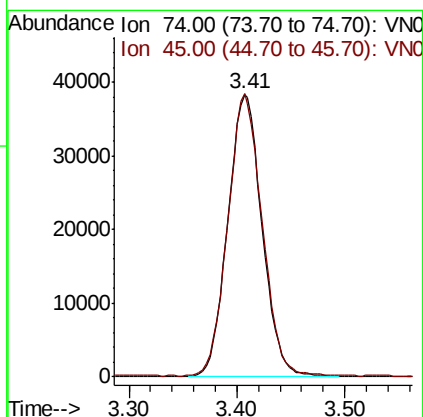
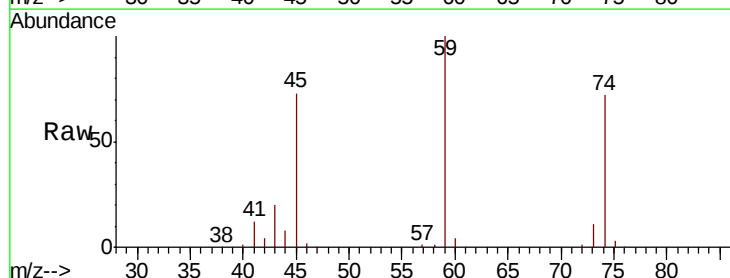
Tot Ion:101 Resp: 196566
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.7 77.5

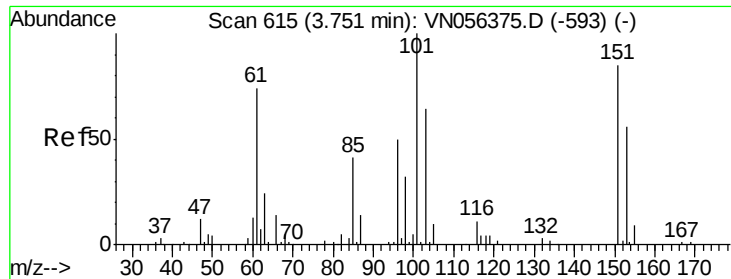


#8

Diethyl Ether
 Concen: 47.056 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

Tgt Ion: 74 Resp: 84865
 Ion Ratio Lower Upper
 74 100
 45 101.1 48.9 146.6

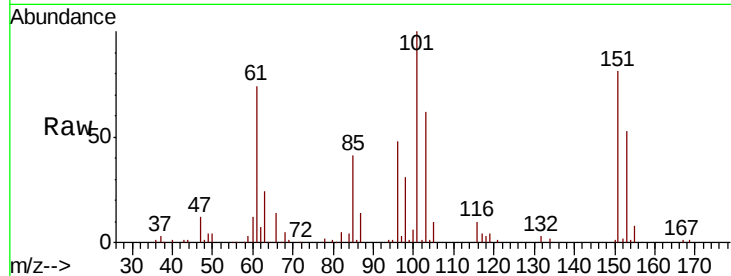




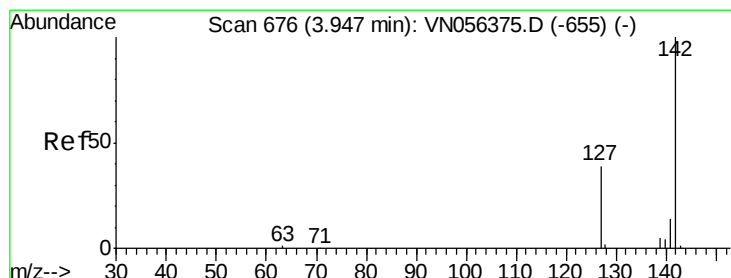
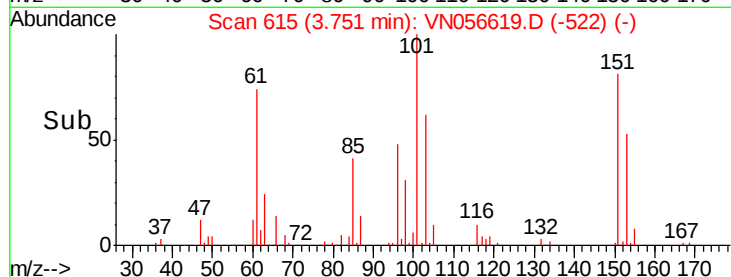
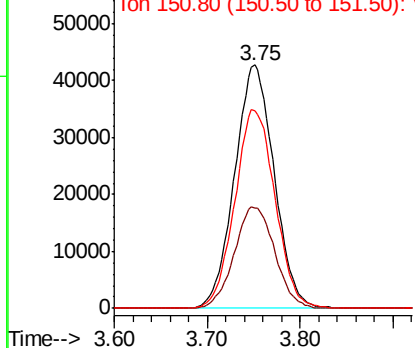
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.571 ug/l
 RT: 3.75 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 126559
 Ion Ratio Lower Upper
 101 100
 85 42.6 32.7 49.1
 151 83.1 66.8 100.2

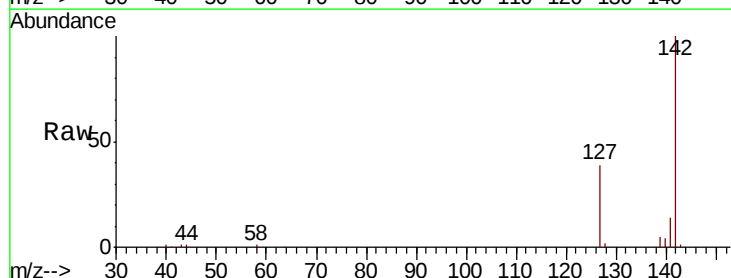


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

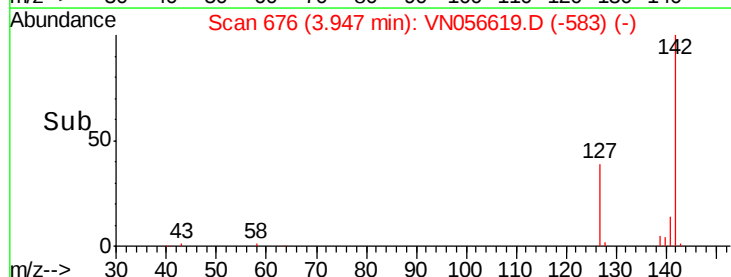
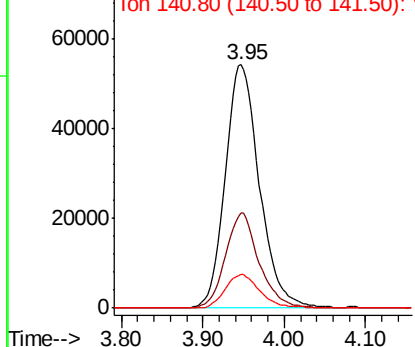


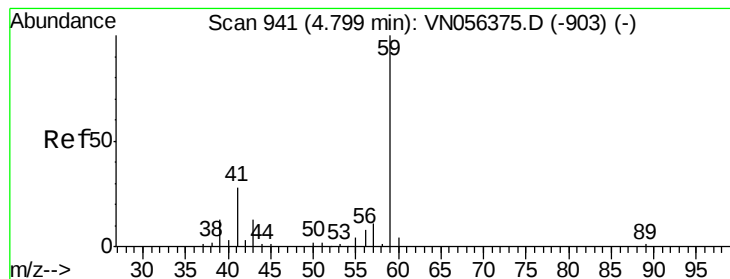
#10
 Methyl Iodide
 Concen: 43.428 ug/l
 RT: 3.95 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

Tgt Ion:142 Resp: 159509
 Ion Ratio Lower Upper
 142 100
 127 38.3 30.6 46.0
 141 14.0 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



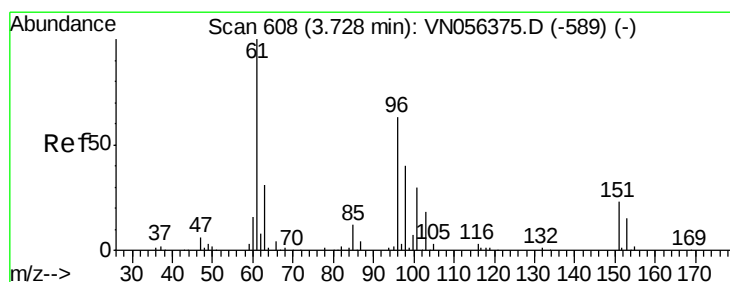
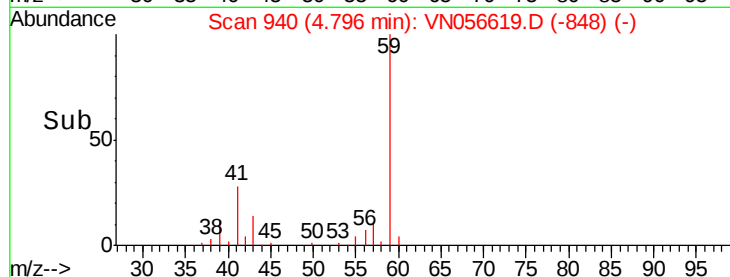
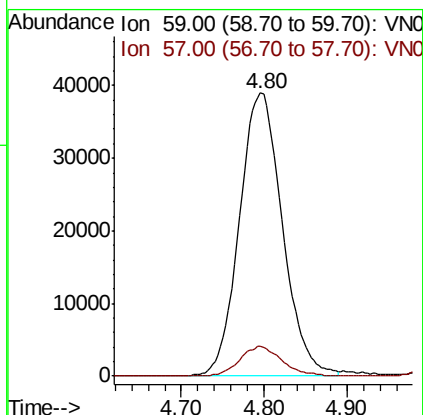
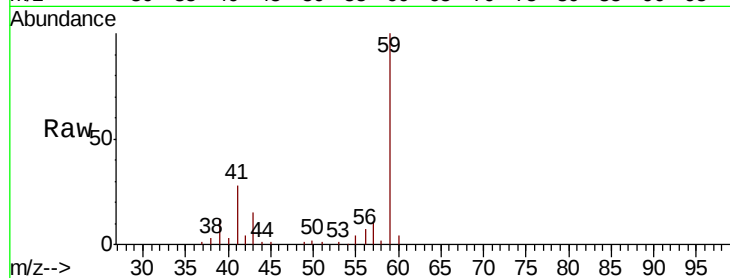


#11

Tert butyl alcohol
 Concen: 254.432 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

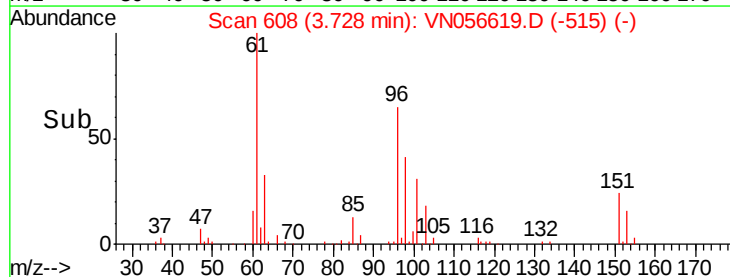
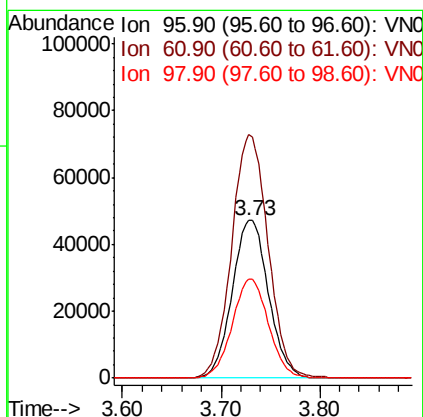
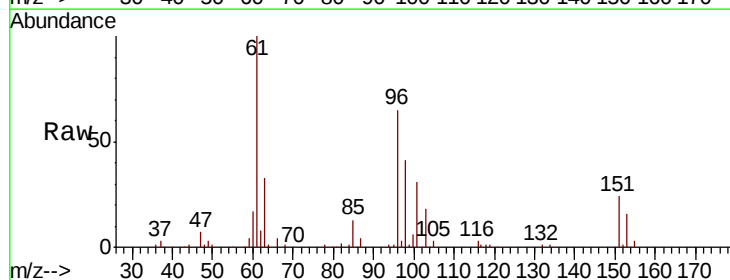
Tot Ion: 59 Resp: 140506
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.6 11.4

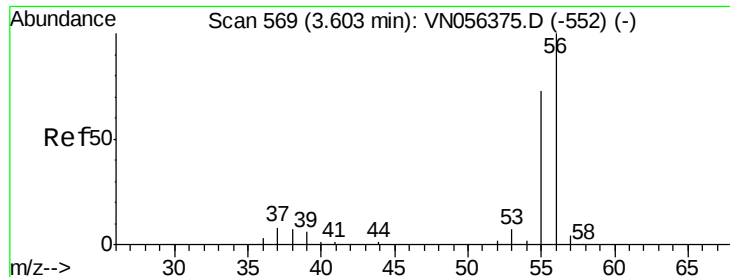


#12

1,1-Dichloroethene
 Concen: 46.189 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

Tgt Ion: 96 Resp: 120709
 Ion Ratio Lower Upper
 96 100
 61 154.5 126.6 190.0
 98 63.1 51.1 76.7





#13

Acrolein

Concen: 117.779 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

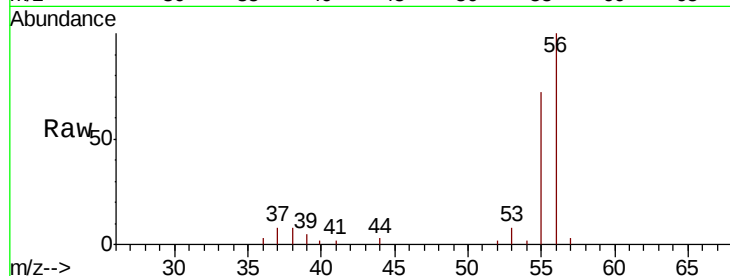
VSTDCCC050EC

Tot Ion: 56 Resp: 54818

Ion Ratio Lower Upper

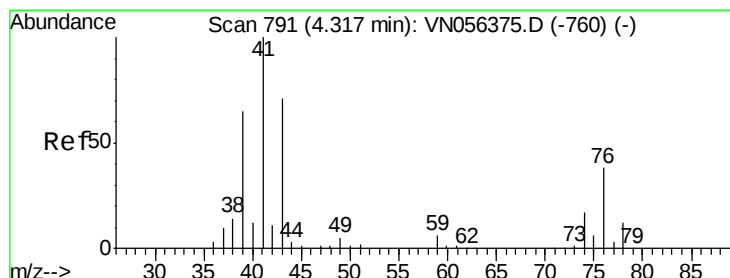
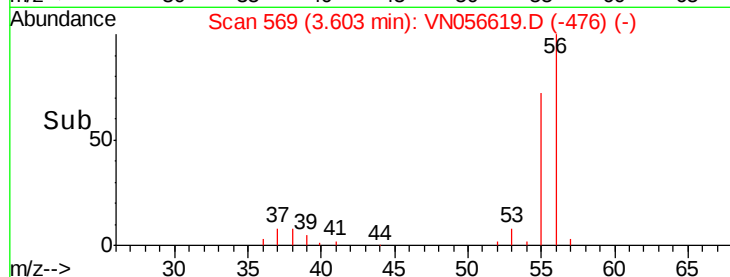
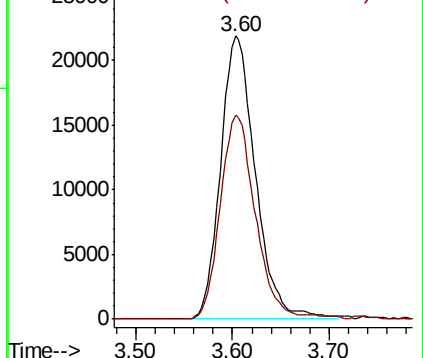
56 100

55 72.7 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 50.225 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

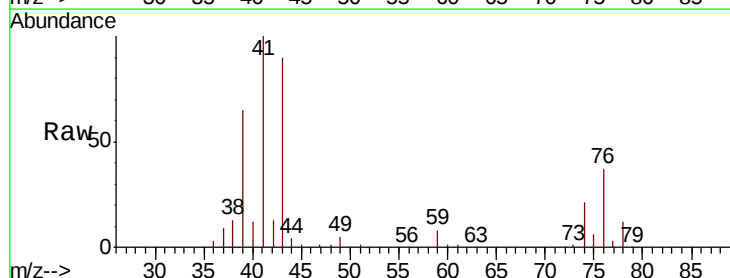
Tgt Ion: 41 Resp: 218496

Ion Ratio Lower Upper

41 100

39 59.5 48.6 73.0

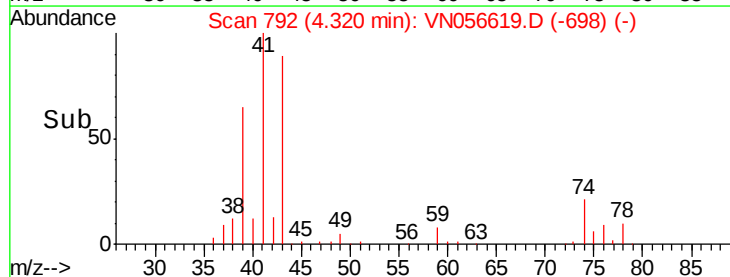
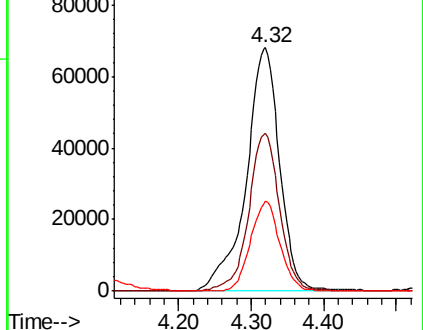
76 32.4 26.6 40.0

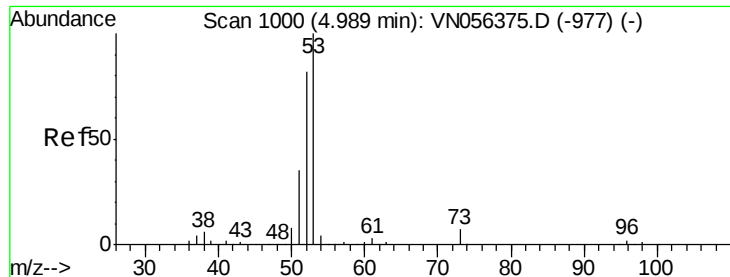


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 265.236 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

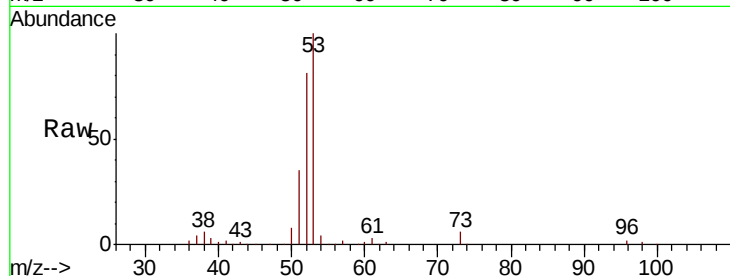
Tot Ion: 53 Resp: 405215

Ion Ratio Lower Upper

53 100

52 81.7 65.9 98.9

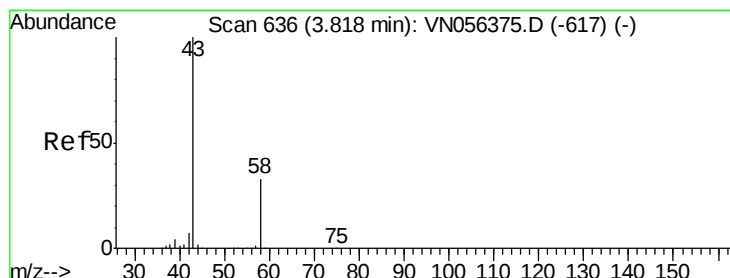
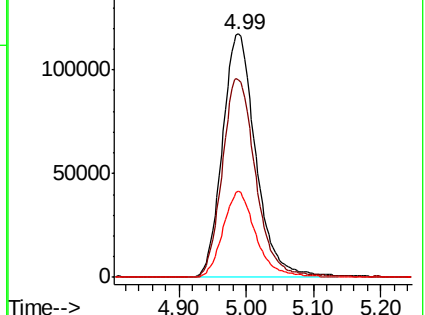
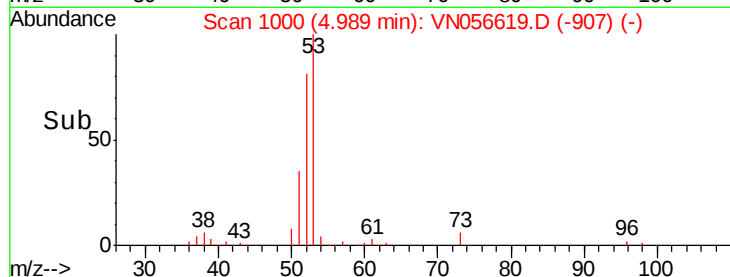
51 34.7 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN056619.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN056619.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN056619.D (-907) (-)



#16

Acetone

Concen: 195.774 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056619.D

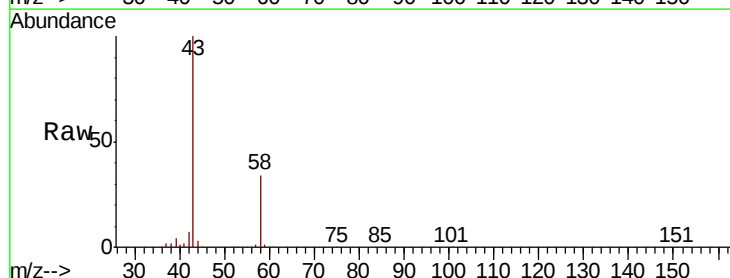
Acq: 8 Jul 2019 19:01

Tgt Ion: 43 Resp: 321603

Ion Ratio Lower Upper

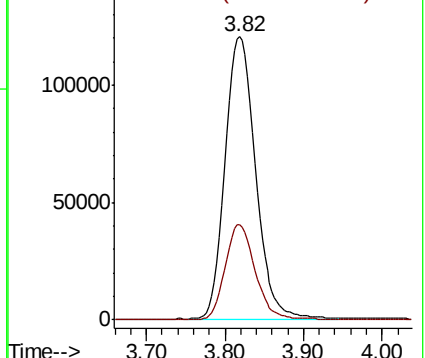
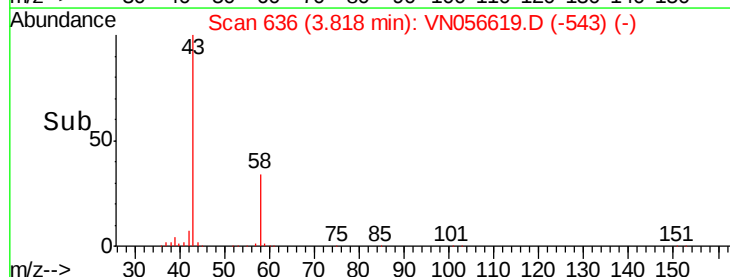
43 100

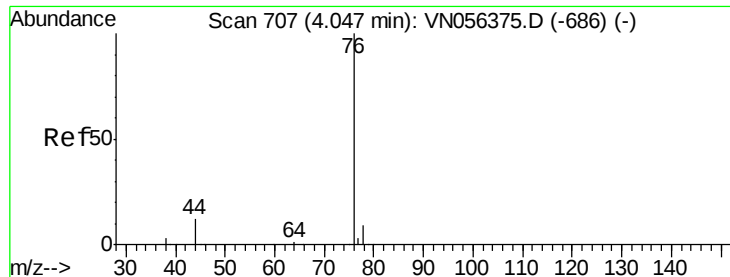
58 33.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN056619.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN056619.D (-543) (-)

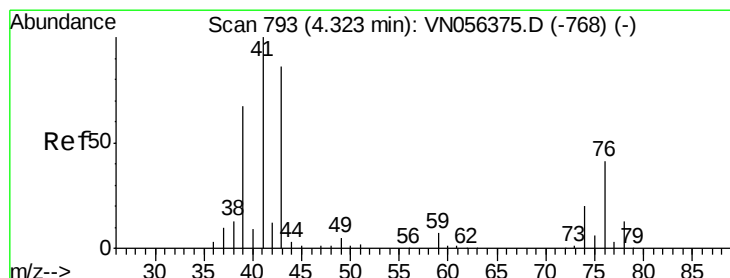
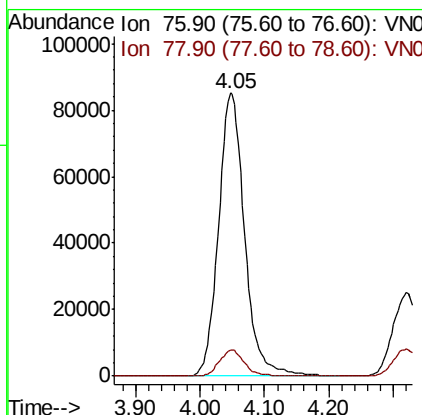
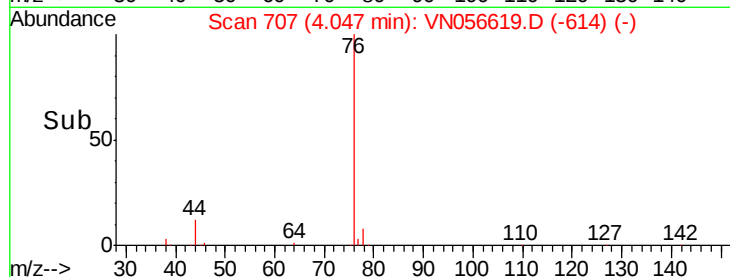
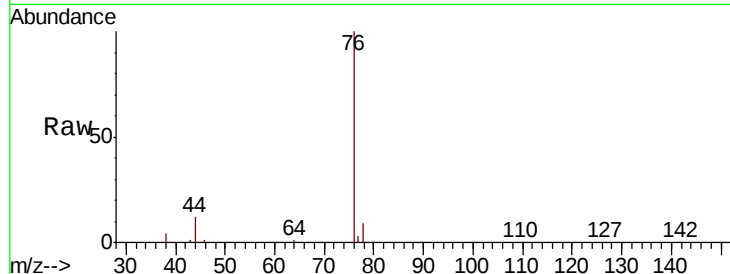




#17
Carbon Disulfide
Concen: 40.215 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

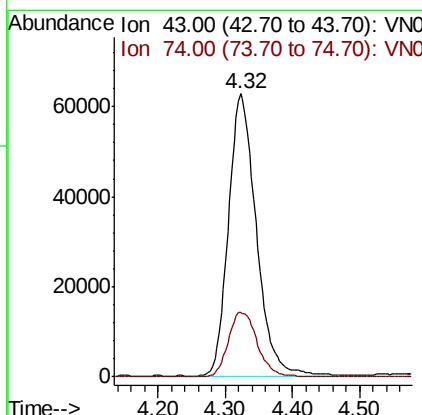
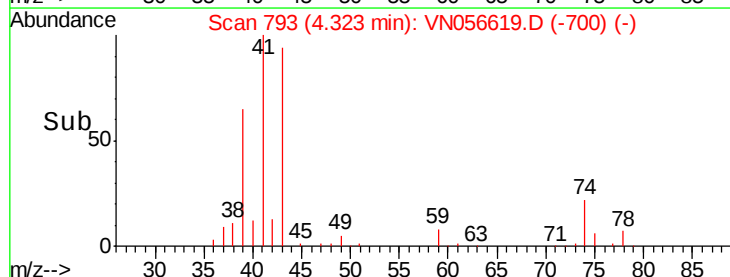
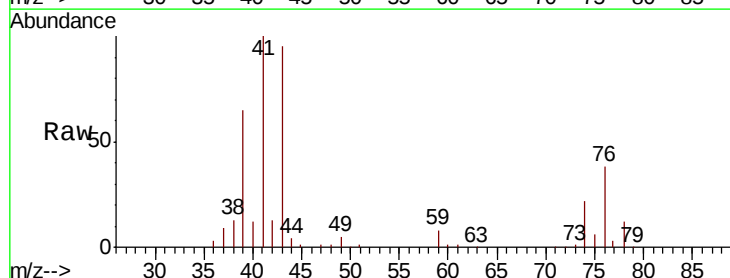
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

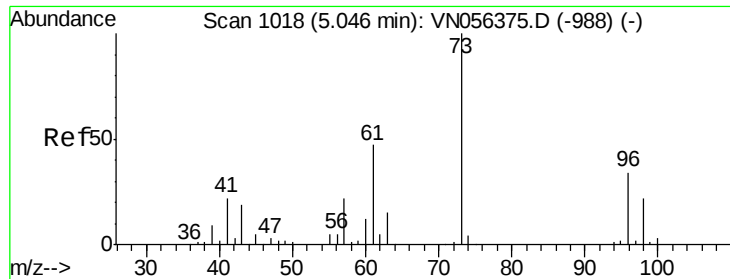
Tot Ion: 76 Resp: 239042
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 56.176 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion: 43 Resp: 180398
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8

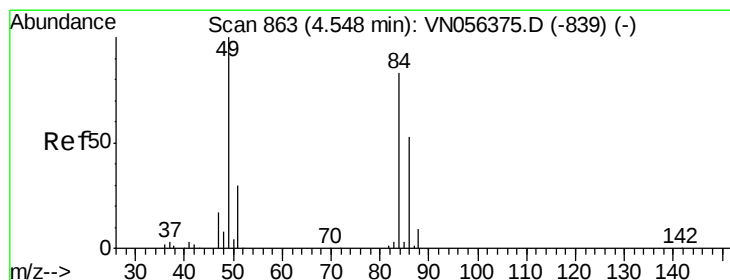
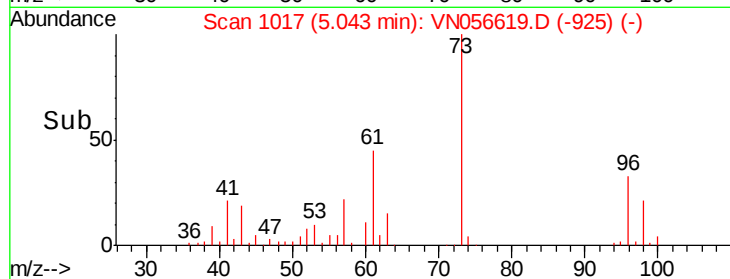
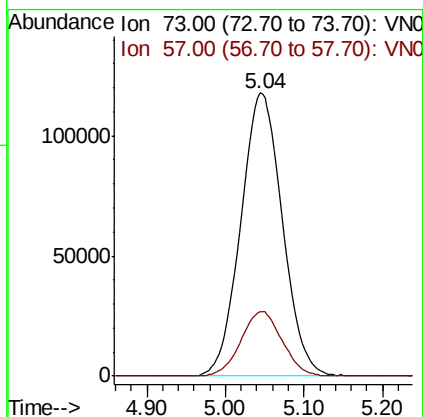
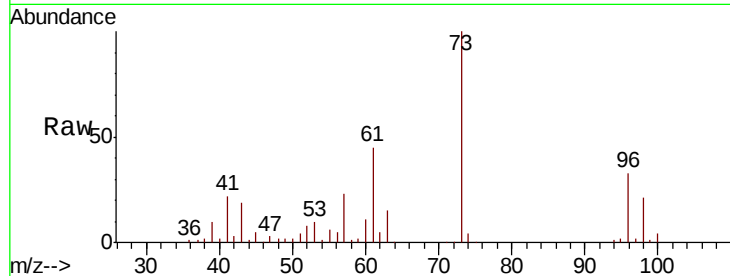




#19
Methyl tert-butyl Ether
Concen: 50.707 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

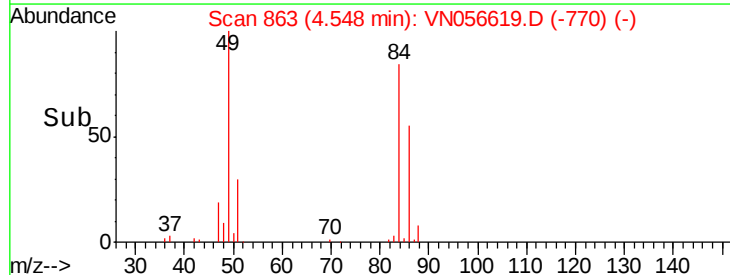
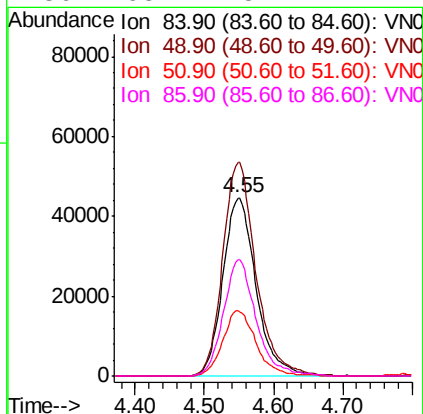
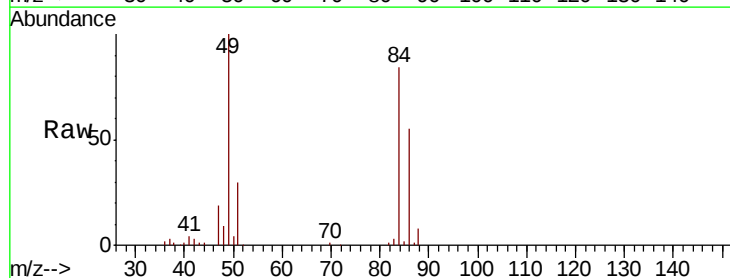
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

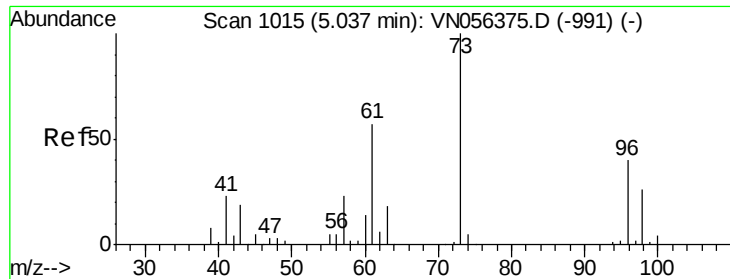
Tot Ion: 73 Resp: 438495
Ion Ratio Lower Upper
73 100
57 22.8 17.9 26.9



#20
Methylene Chloride
Concen: 48.106 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion: 84 Resp: 149076
Ion Ratio Lower Upper
84 100
49 119.6 96.4 144.6
51 36.4 28.6 43.0
86 65.2 51.4 77.2

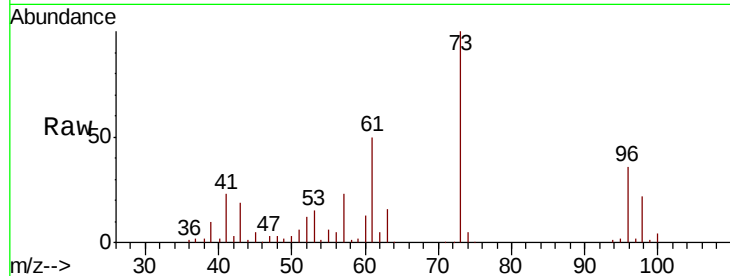




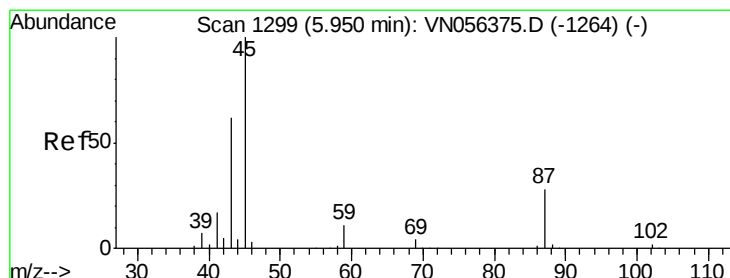
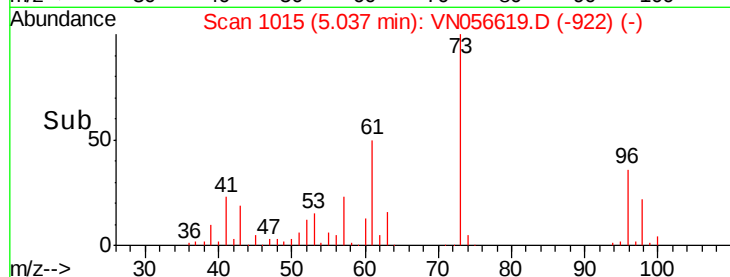
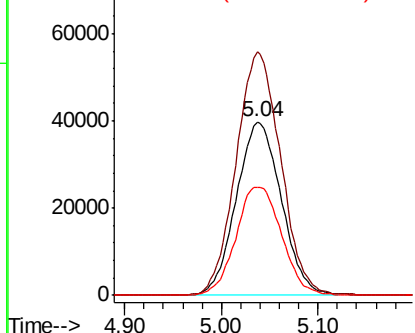
#21
trans-1,2-Dichloroethene
Concen: 45.725 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 128834
Ion Ratio Lower Upper
96 100
61 139.8 113.0 169.6
98 62.4 52.2 78.2

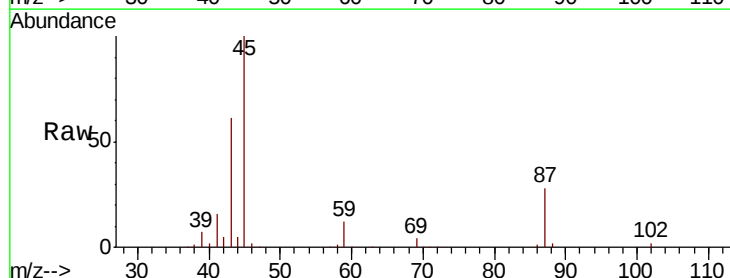


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

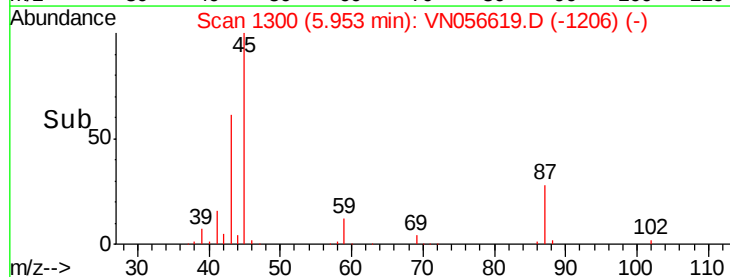
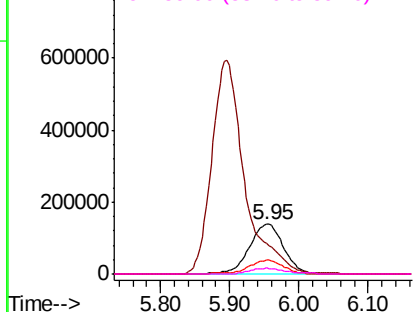


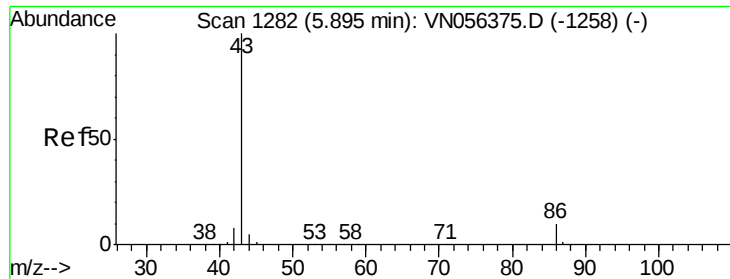
#22
Diisopropyl ether
Concen: 52.028 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion: 45 Resp: 475347
Ion Ratio Lower Upper
45 100
43 59.7 50.4 75.6
87 27.4 23.0 34.4
59 11.5 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 271.042 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

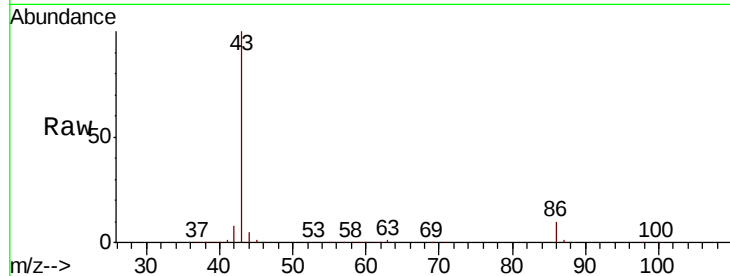
VSTDCCC050EC

Tot Ion: 43 Resp: 1953151

Ion Ratio Lower Upper

43 100

86 10.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

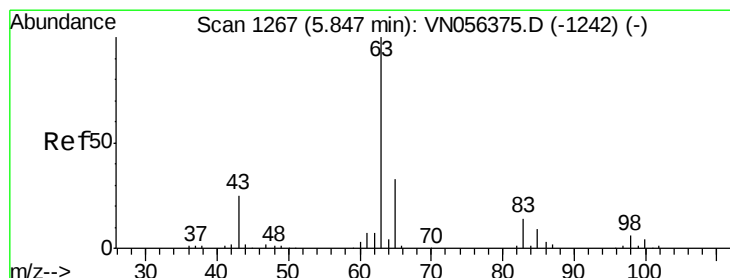
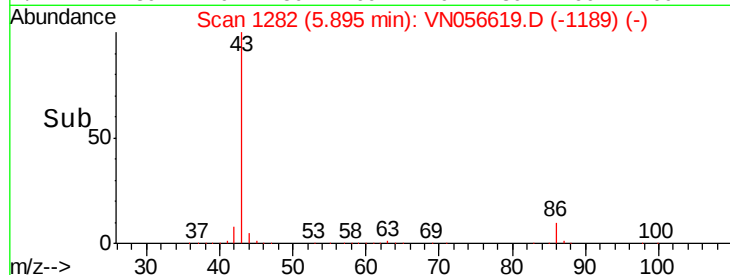
600000

400000

200000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 49.937 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

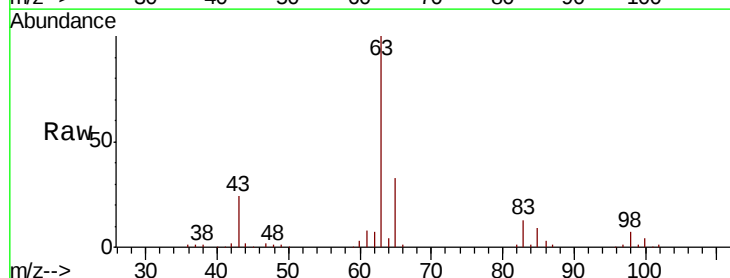
Tgt Ion: 63 Resp: 261894

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

100 4.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

100000

80000

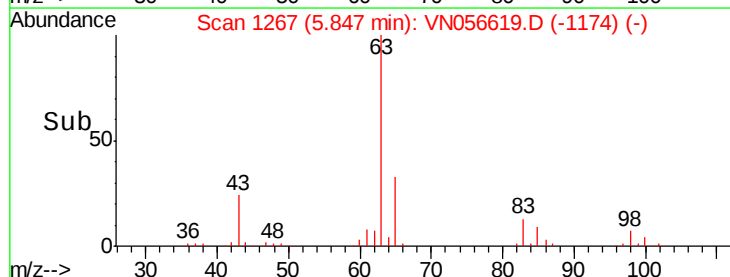
60000

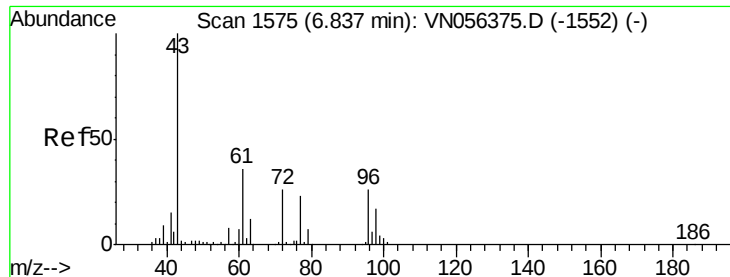
40000

20000

0

Time--> 5.70 5.80 5.90 6.00

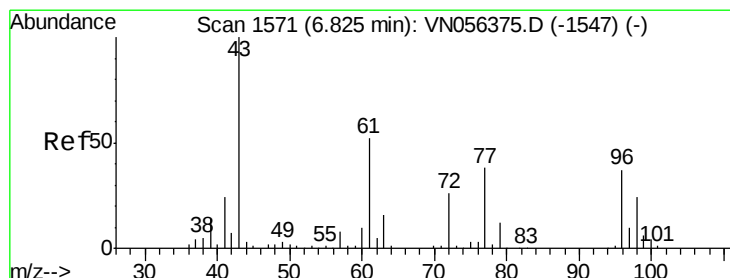
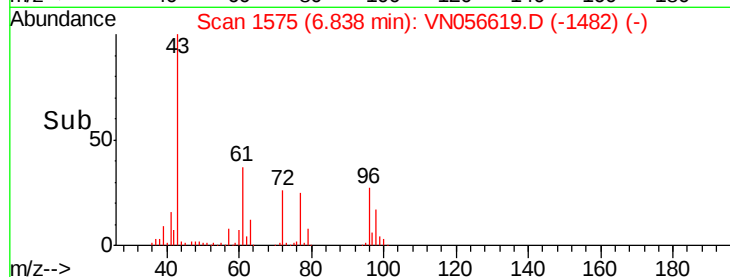
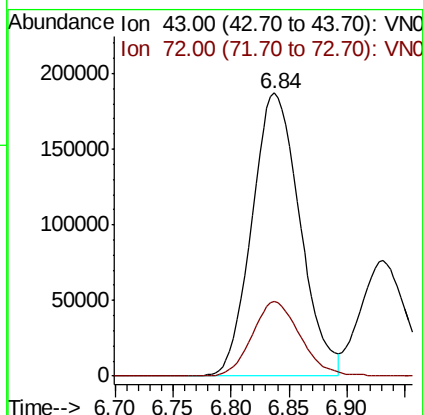
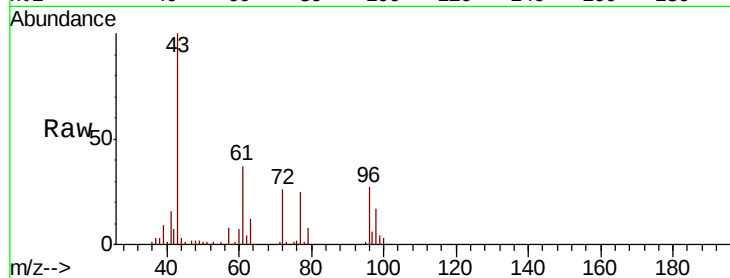




#25
2-Butanone
Concen: 246.919 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

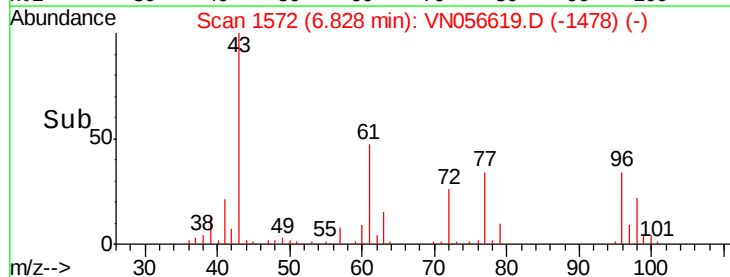
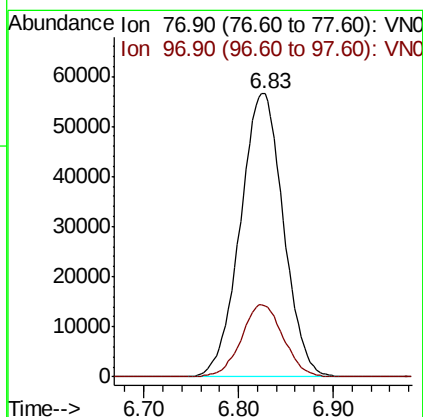
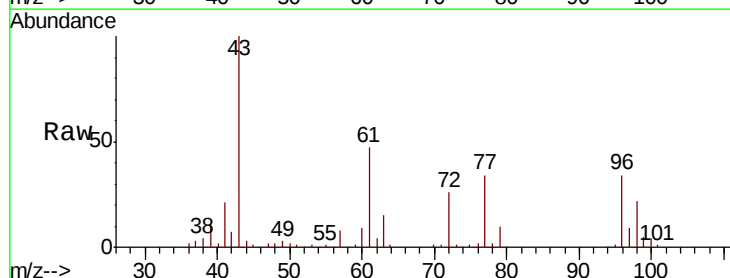
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

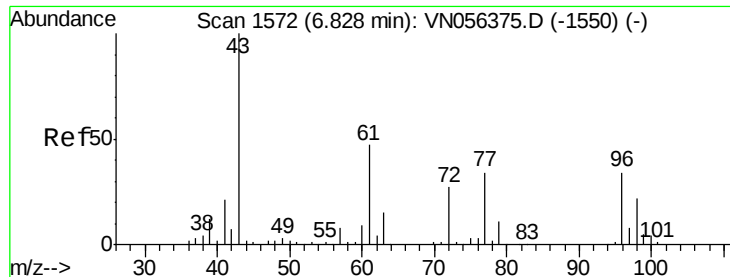
Tot Ion: 43 Resp: 536840
Ion Ratio Lower Upper
43 100
72 26.5 20.6 31.0



#26
2,2-Dichloropropane
Concen: 49.001 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion: 77 Resp: 178735
Ion Ratio Lower Upper
77 100
97 24.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.743 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

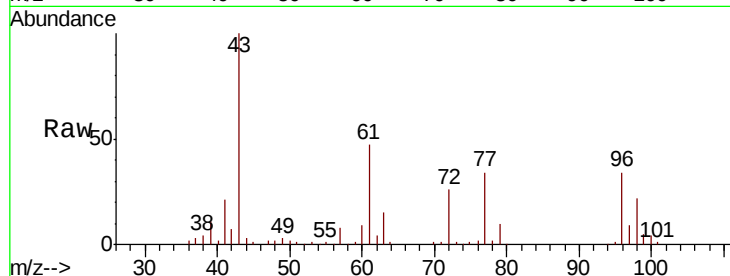
Tot Ion: 96 Resp: 160680

Ion Ratio Lower Upper

96 100

61 141.1 0.0 279.8

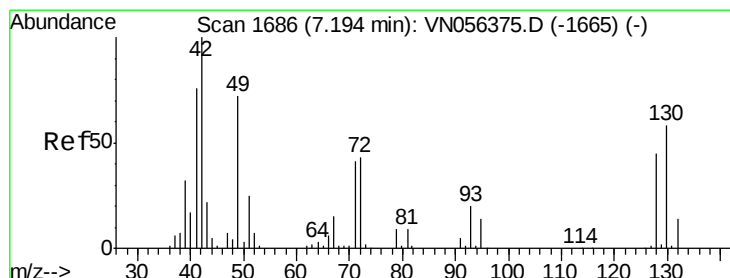
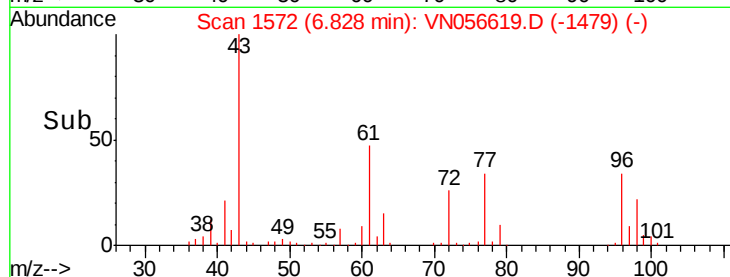
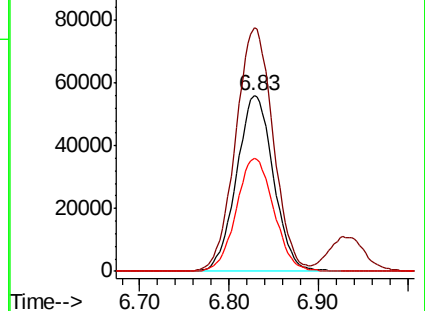
98 65.3 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 48.719 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

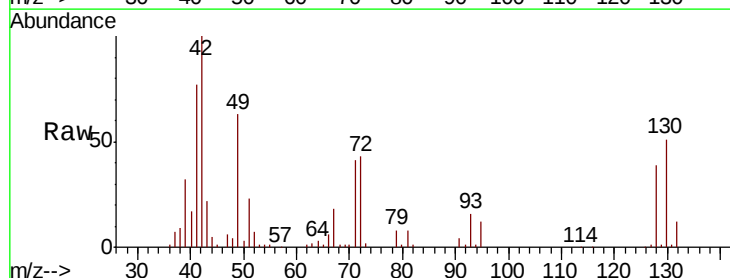
Tgt Ion: 49 Resp: 126382

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

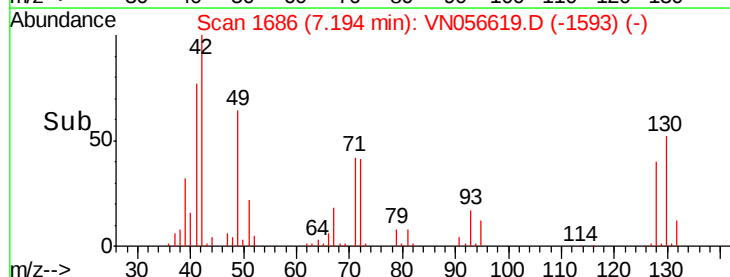
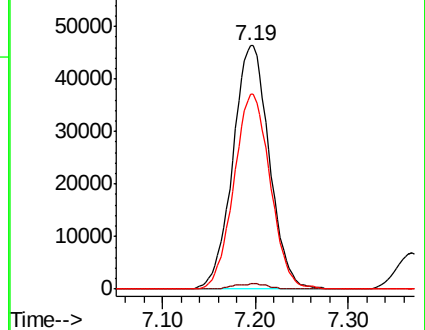
130 80.0 64.9 97.3

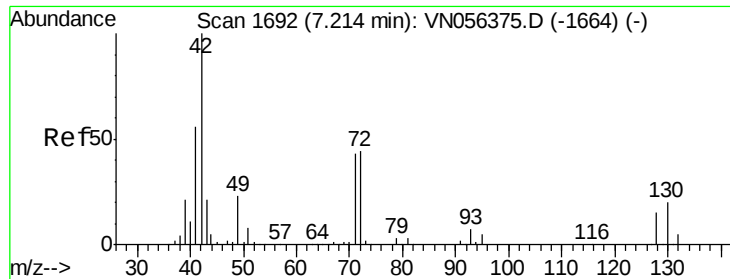


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

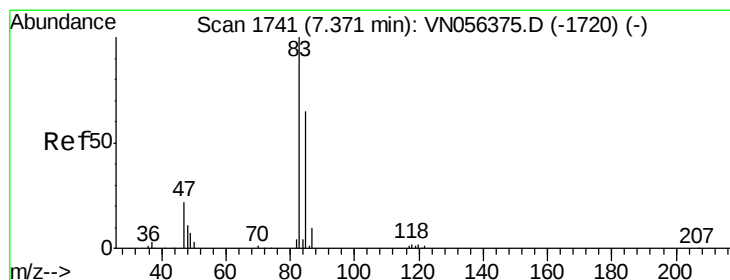
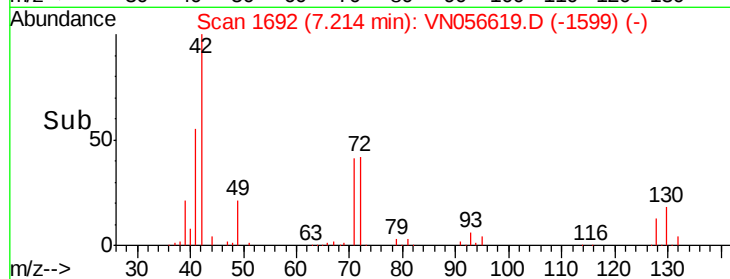
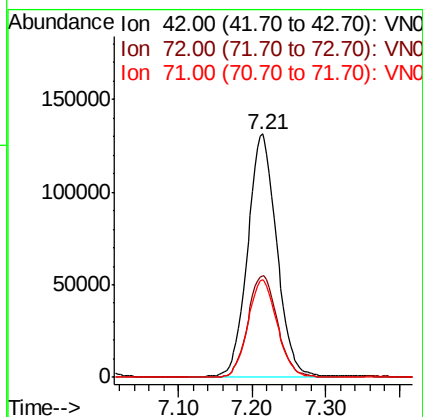
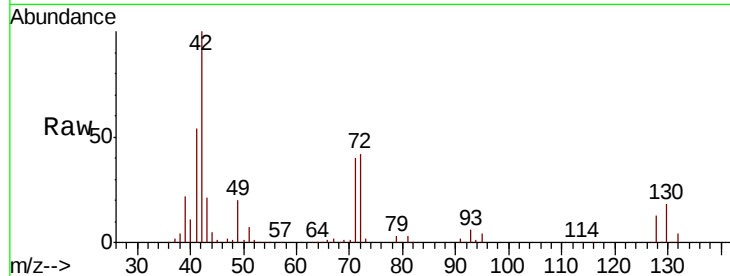




#29
Tetrahydrofuran
Concen: 273.242 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

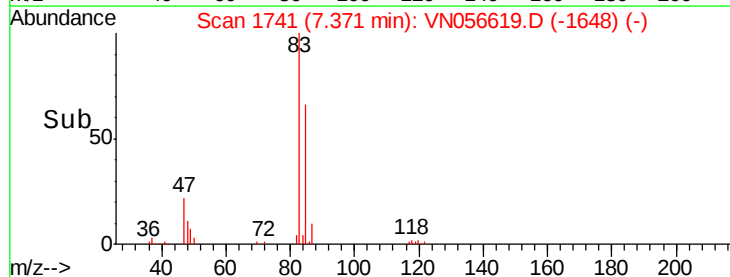
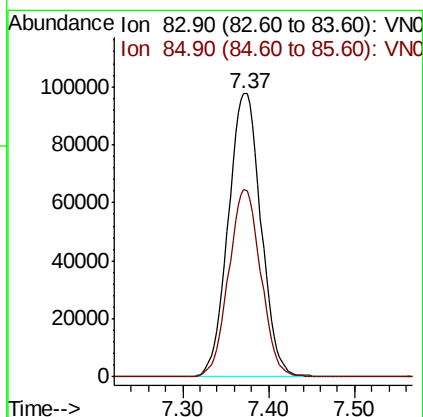
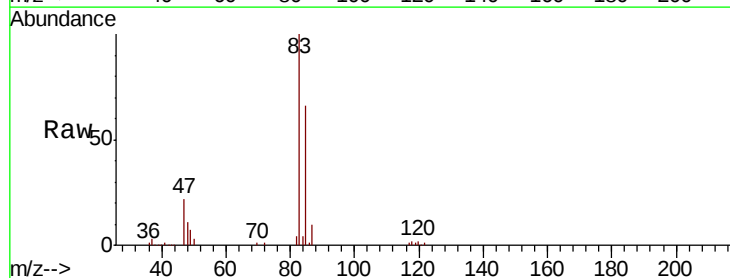
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

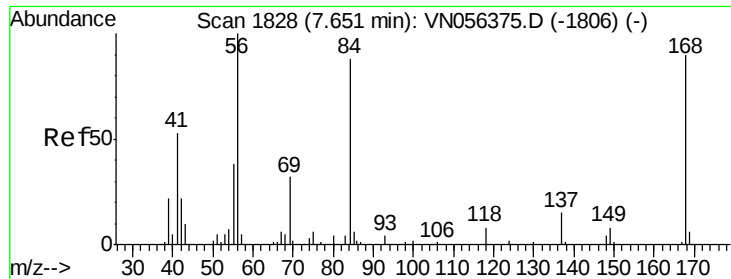
Tot Ion: 42 Resp: 363039
Ion Ratio Lower Upper
42 100
72 42.5 34.7 52.1
71 40.3 33.0 49.6



#30
Chloroform
Concen: 49.912 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion: 83 Resp: 258299
Ion Ratio Lower Upper
83 100
85 66.1 52.3 78.5

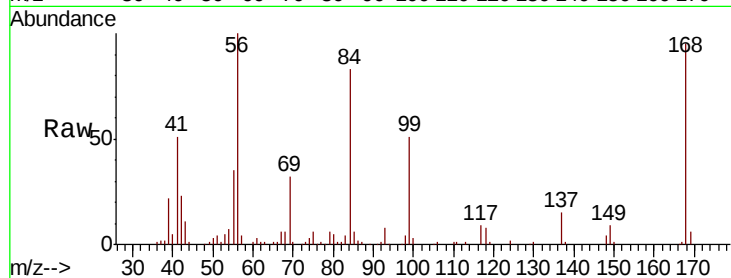




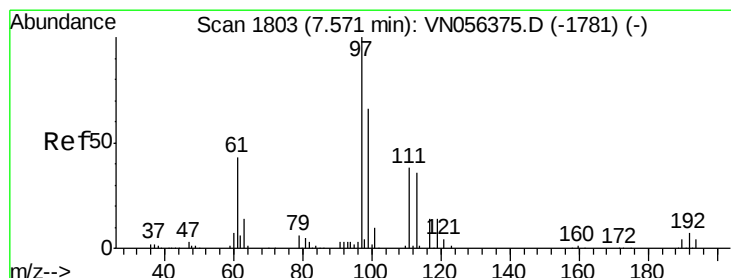
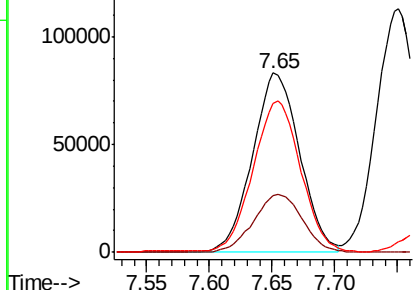
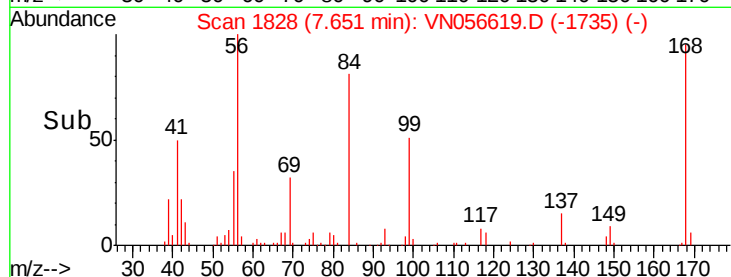
#31
Cyclohexane
Concen: 43.100 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 218219
Ion Ratio Lower Upper
56 100
69 31.7 25.8 38.6
84 81.7 69.4 104.0

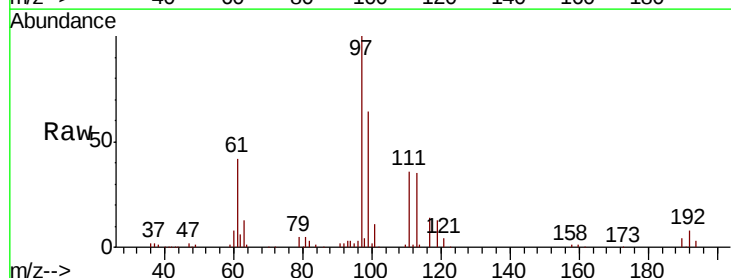


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

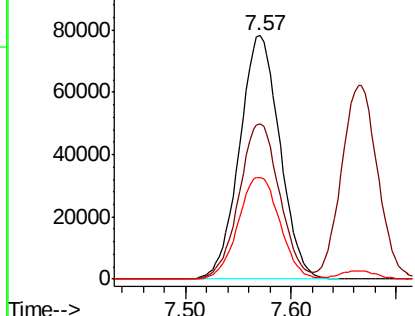
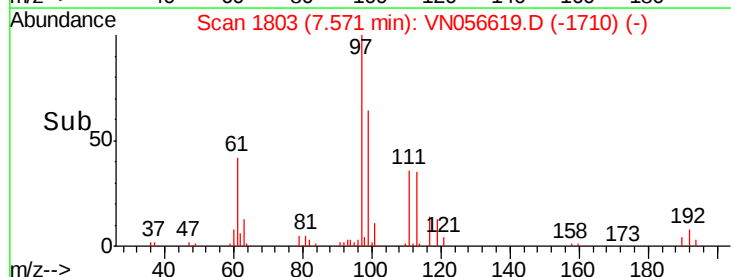


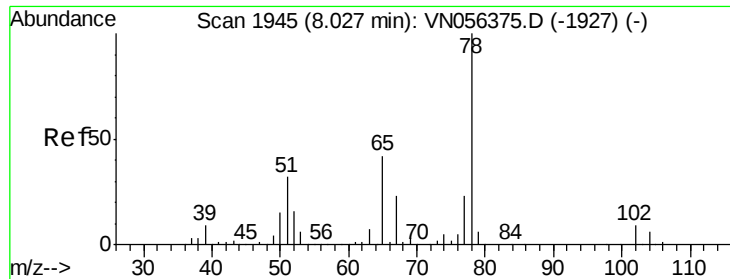
#32
1,1,1-Trichloroethane
Concen: 50.658 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion: 97 Resp: 207802
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 43.1 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

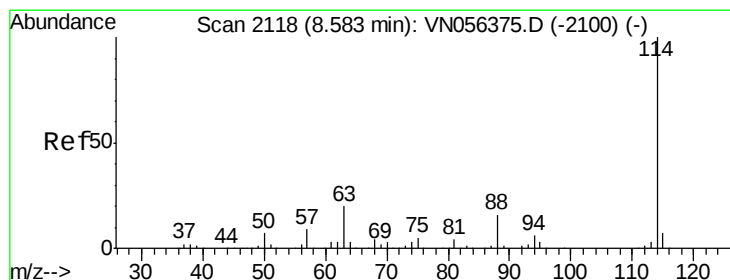
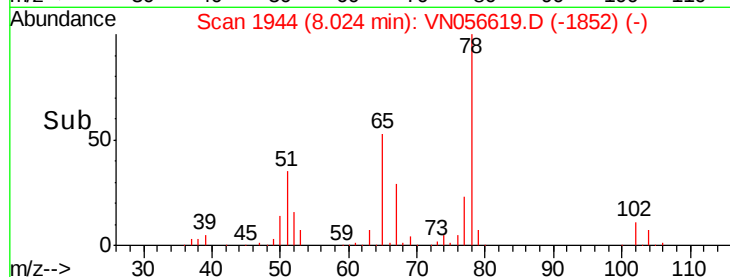
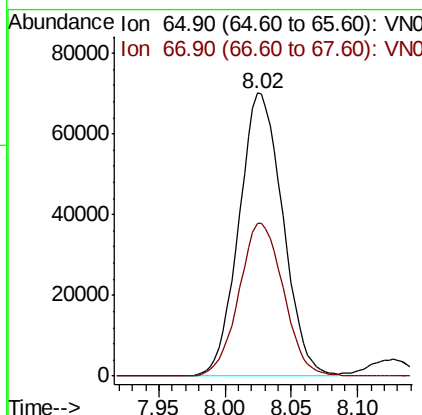
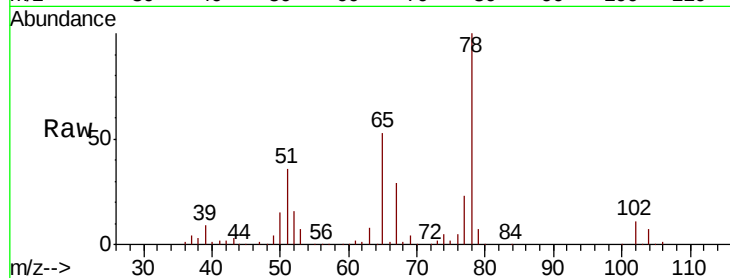




#33
 1,2-Dichloroethane-d4
 Concen: 49.201 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

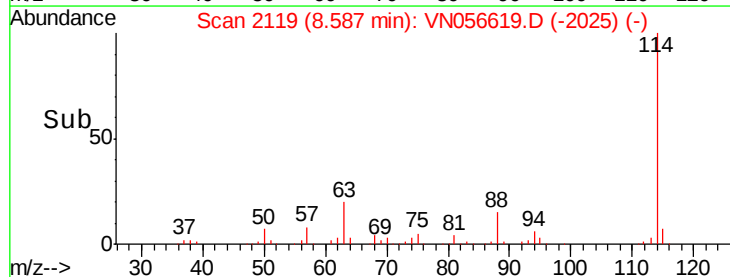
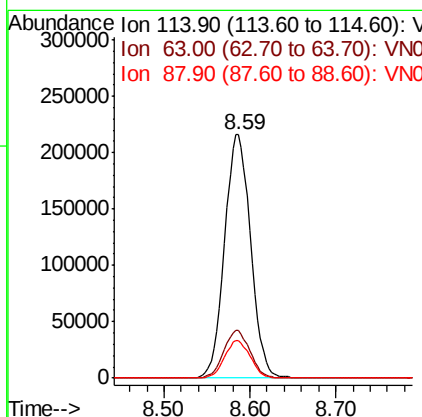
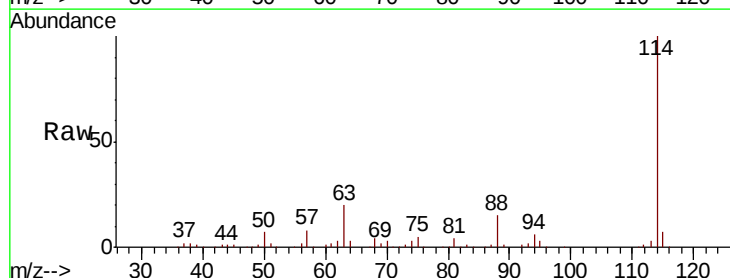
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

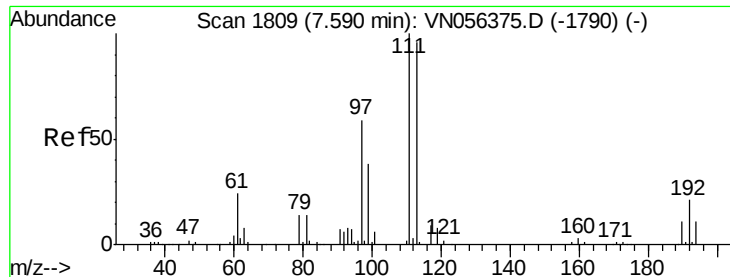
Tot Ion: 65 Resp: 161319
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

Tgt Ion: 114 Resp: 454177
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.3 0.0 31.4

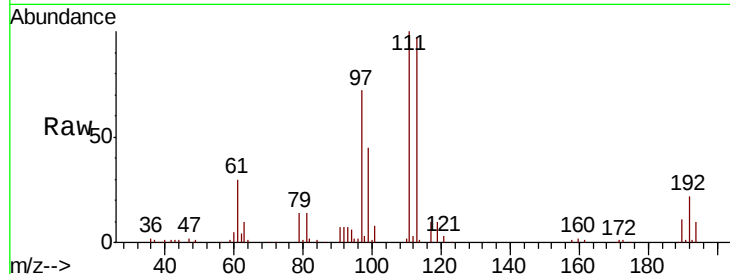




#35
 Dibromofluoromethane
 Concen: 50.154 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	22.8	17.7	26.5

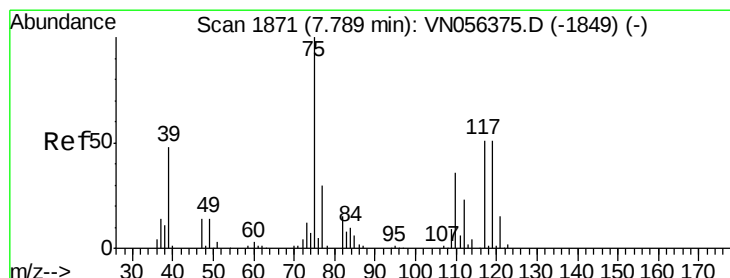
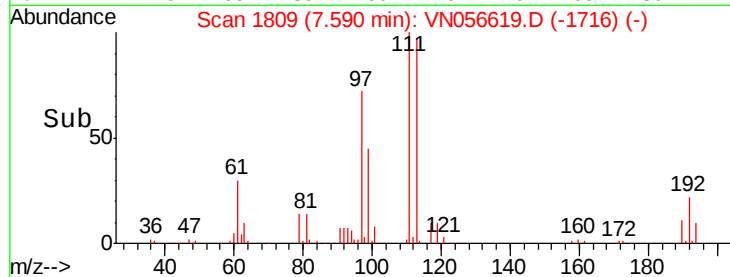
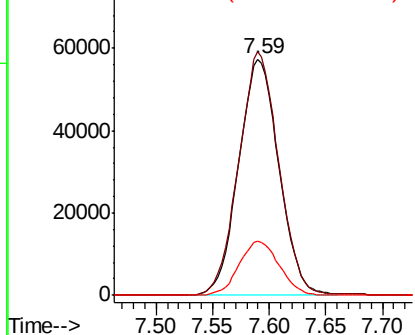


Abundance

Ion 112.80 (112.50 to 113.50): V

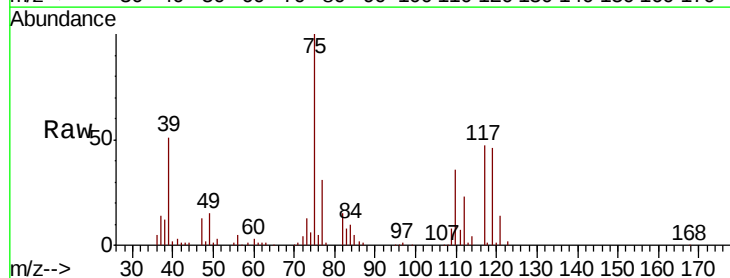
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 45.739 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.1	54.3
77	30.8	24.6	36.8

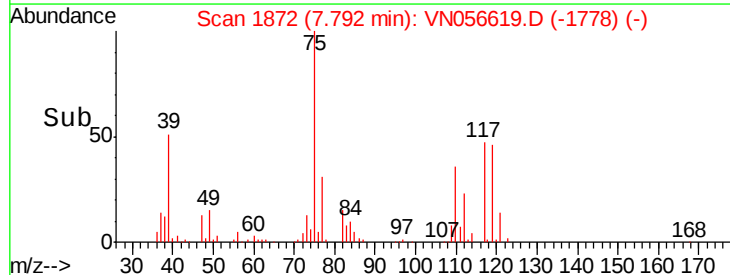
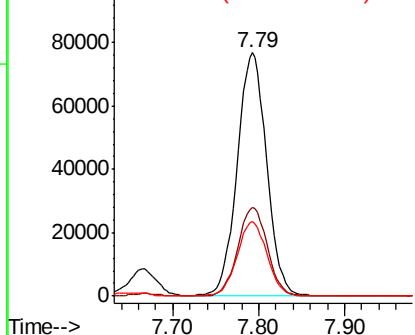


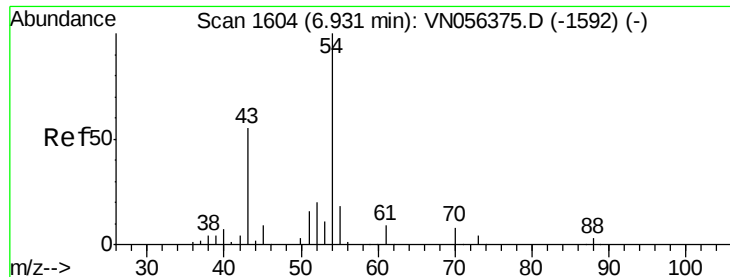
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

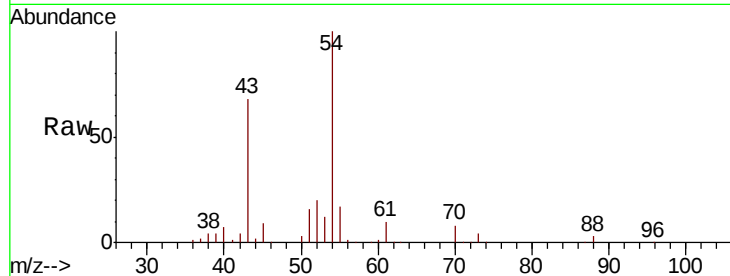




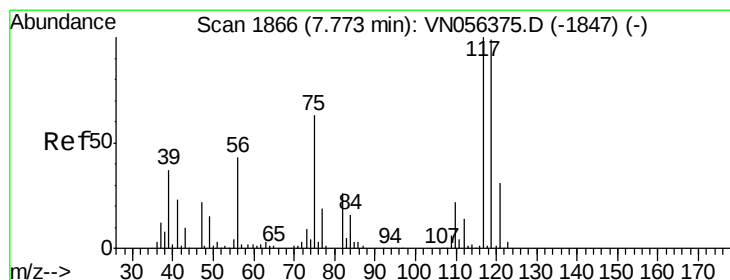
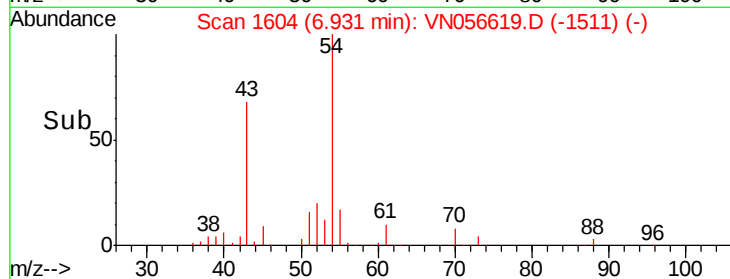
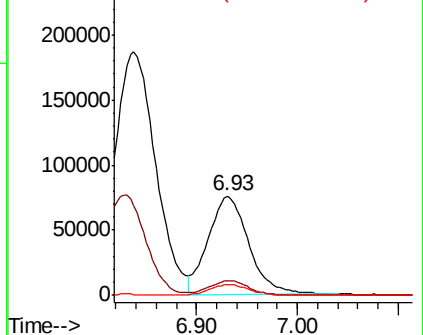
#37
Ethyl Acetate
Concen: 54.164 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 212789
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 10.6 8.3 12.5

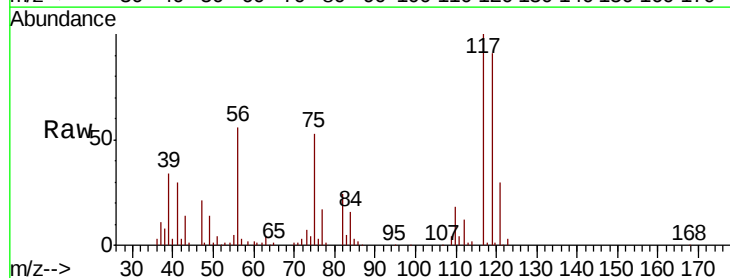


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

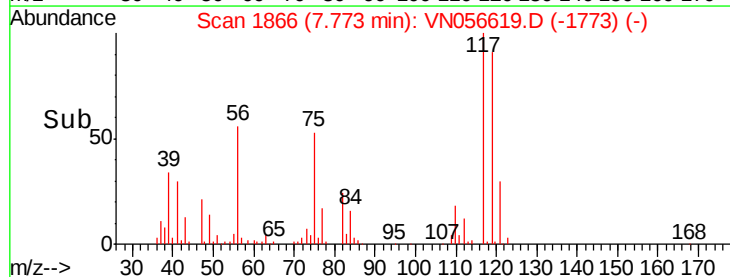
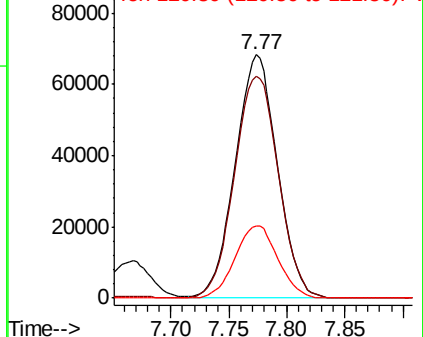


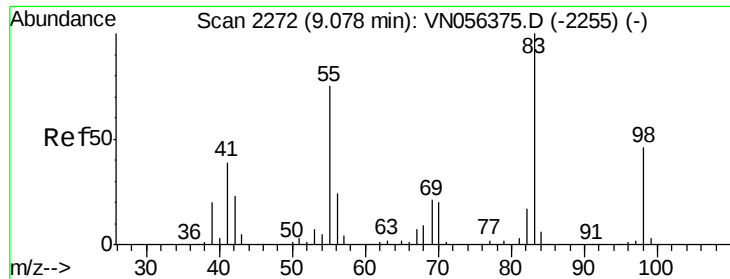
#38
Carbon Tetrachloride
Concen: 49.297 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion: 117 Resp: 172333
Ion Ratio Lower Upper
117 100
119 91.0 79.1 118.7
121 29.7 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

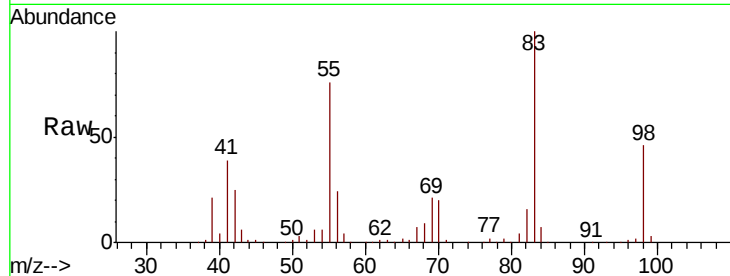




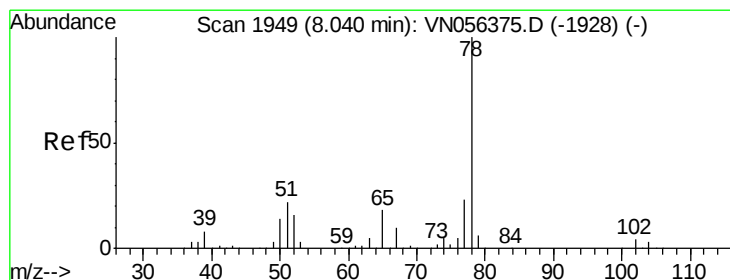
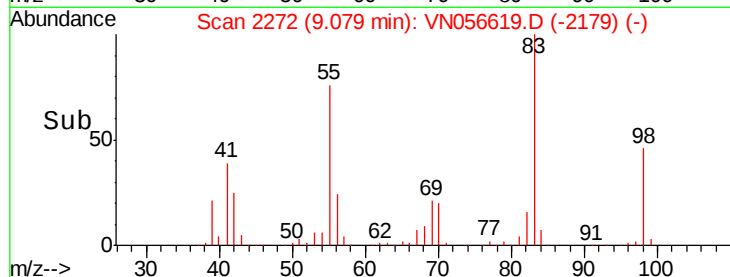
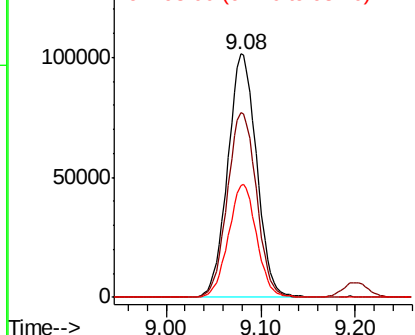
#39
Methvlcvclohexane
Concen: 43.612 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 215123
Ion Ratio Lower Upper
83 100
55 75.8 60.0 90.0
98 45.8 36.6 54.8

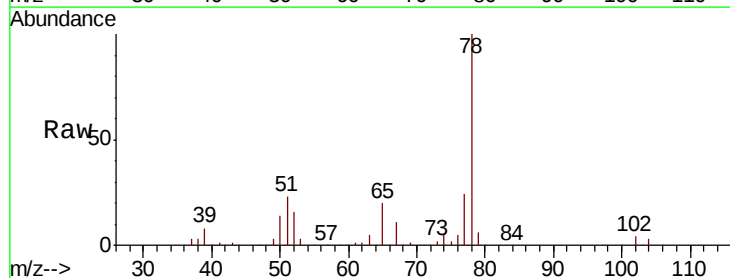


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

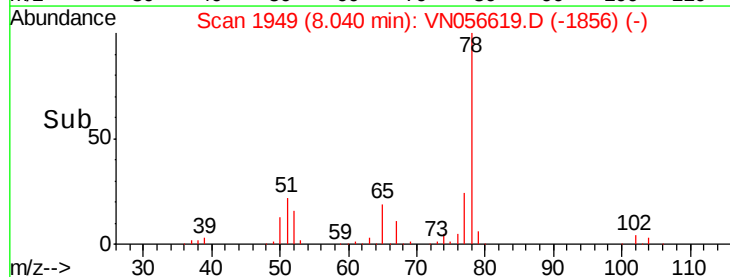
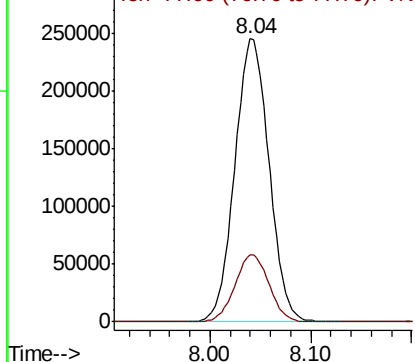


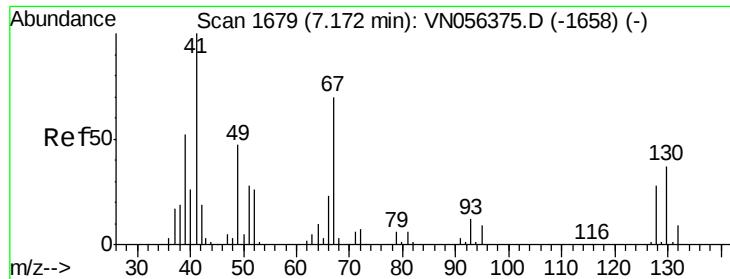
#40
Benzene
Concen: 47.004 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion: 78 Resp: 577983
Ion Ratio Lower Upper
78 100
77 23.7 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

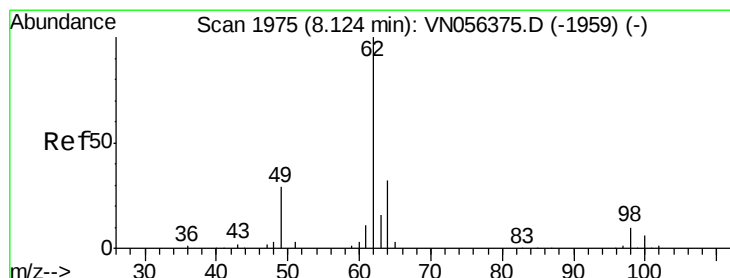
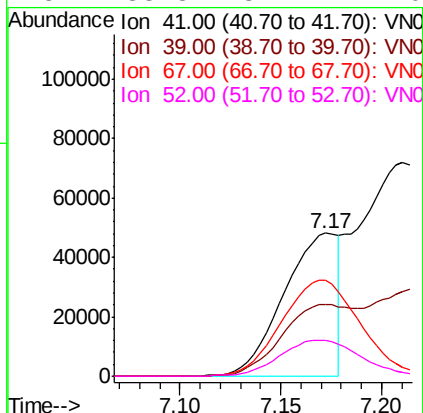
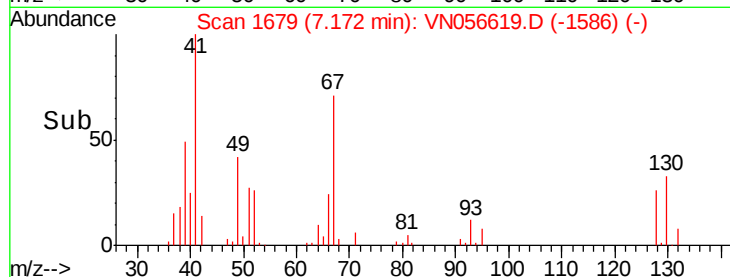
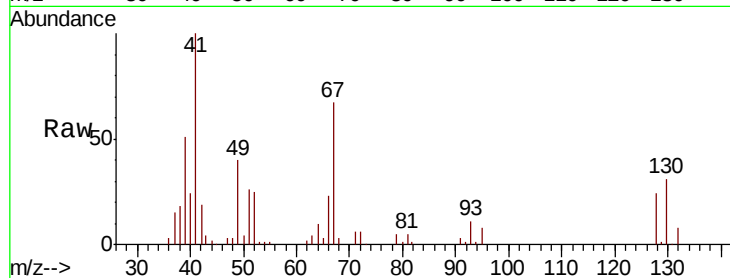




#41
Methacrylonitrile
Concen: 52.036 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

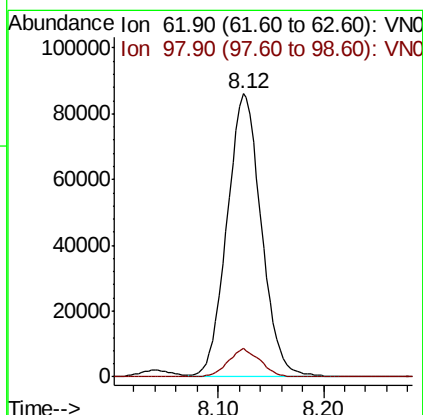
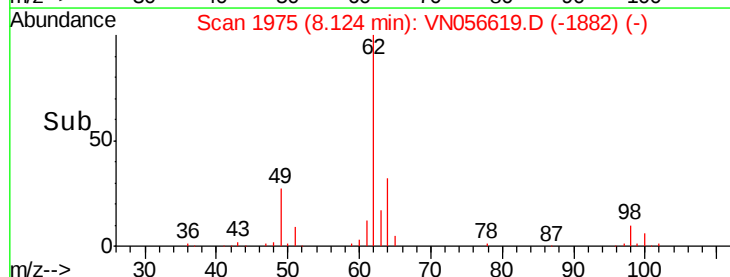
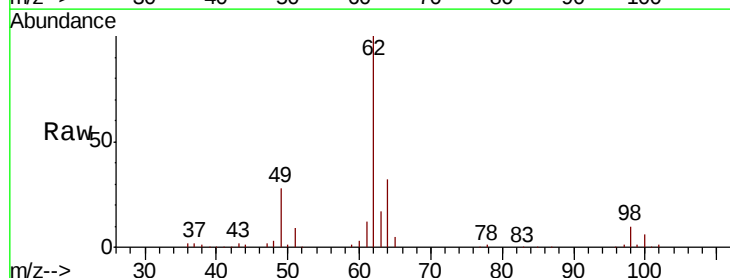
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

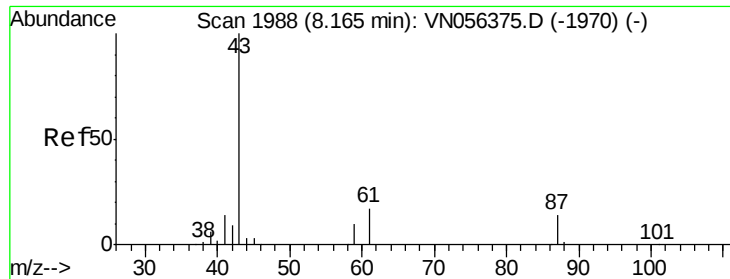
Tot Ion: 41 Resp: 90271
Ion Ratio Lower Upper
41 100
39 66.3 55.3 82.9
67 97.5 79.2 118.8
52 38.3 31.4 47.0



#42
1,2-Dichloroethane
Concen: 47.621 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion: 62 Resp: 193253
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4





#43

Isopropyl Acetate

Concen: 56.495 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

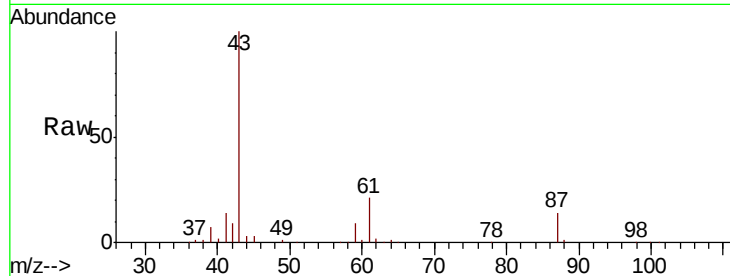
Tot Ion: 43 Resp: 342233

Ion Ratio Lower Upper

43 100

61 26.4 22.0 33.0

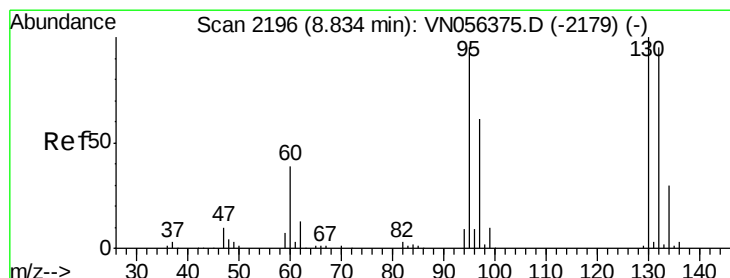
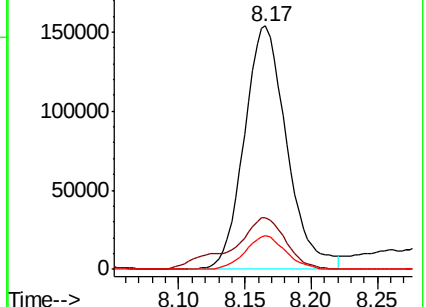
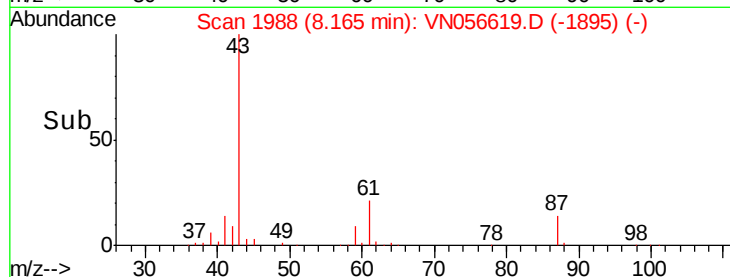
87 13.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056619.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN056619.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN056619.D (-1895) (-)



#44

Trichloroethene

Concen: 46.842 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056619.D

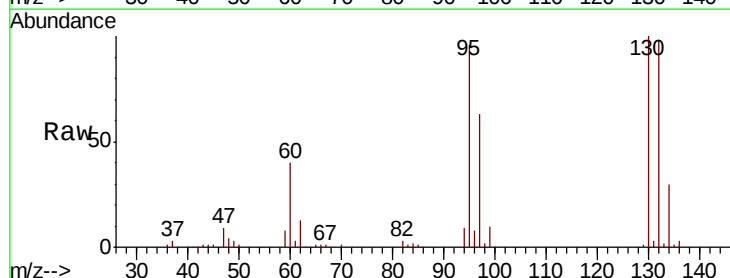
Acq: 8 Jul 2019 19:01

Tgt Ion: 130 Resp: 155159

Ion Ratio Lower Upper

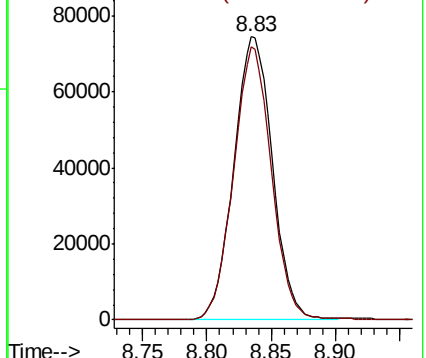
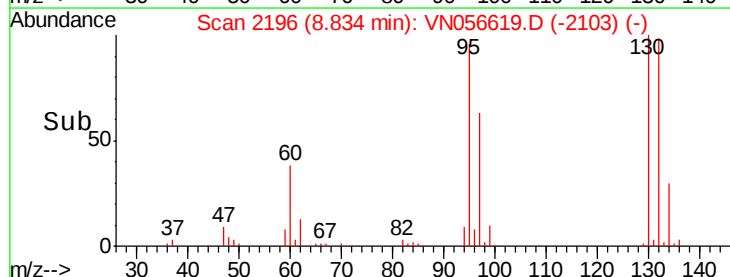
130 100

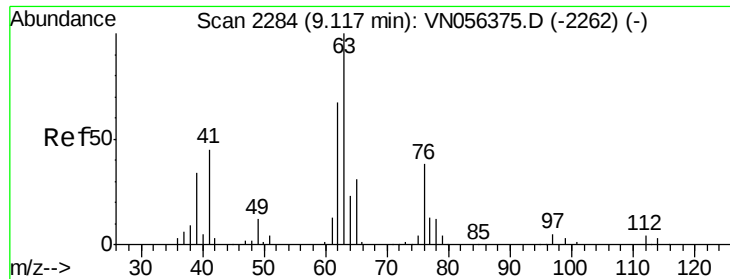
95 96.4 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056619.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056619.D (-2103) (-)

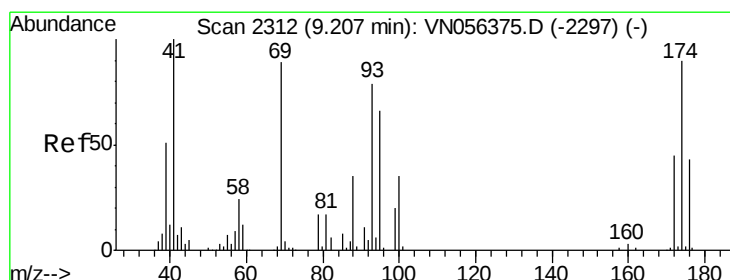
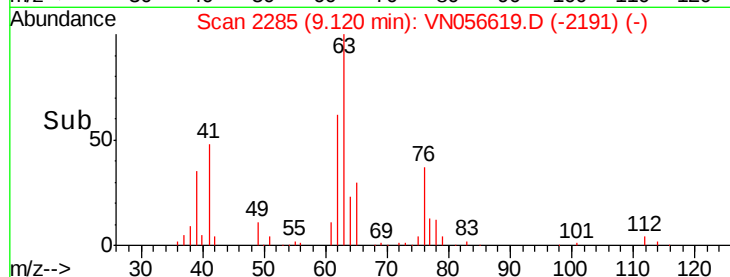
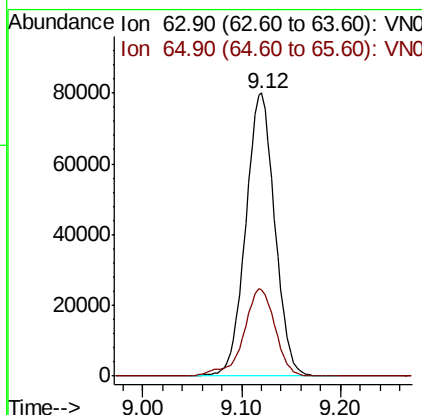
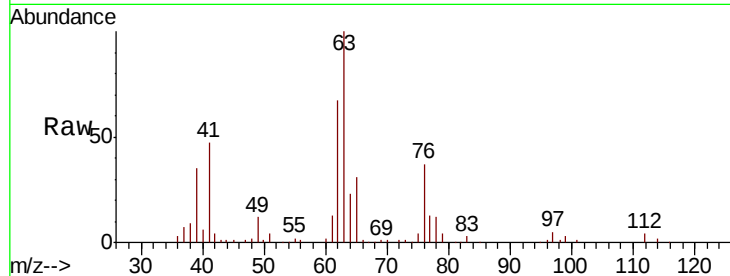




#45
 1,2-Dichloropropane
 Concen: 49.337 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

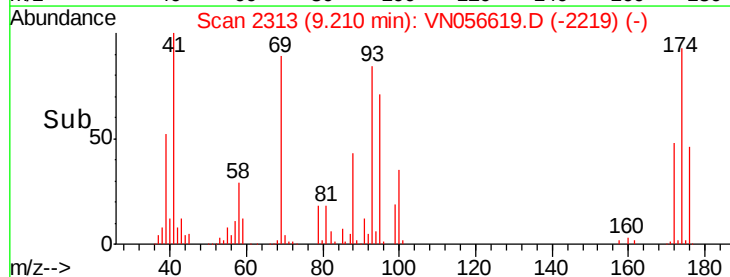
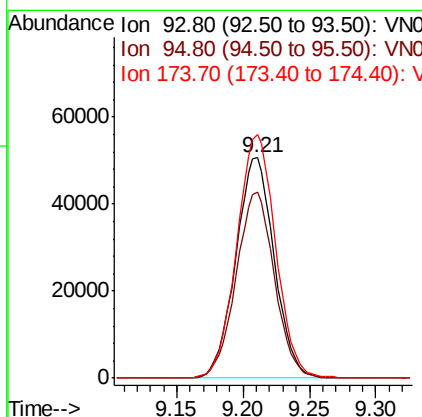
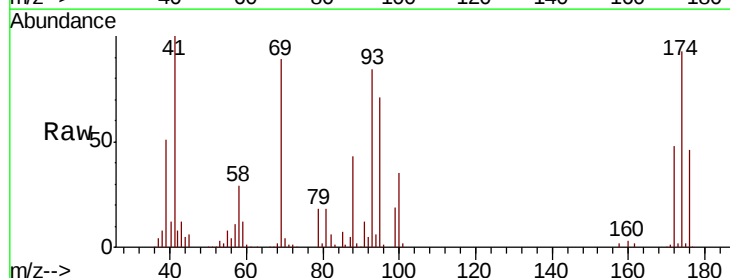
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

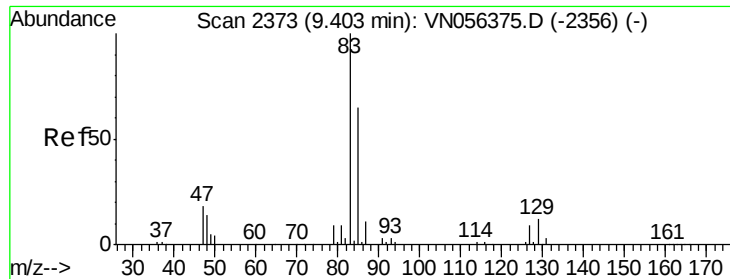
Tot Ion: 63 Resp: 162245
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6



#46
 Dibromomethane
 Concen: 49.543 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

Tgt Ion: 93 Resp: 101931
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.2 99.2
 174 111.7 90.8 136.2





#47

Bromodichloromethane

Concen: 53.556 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

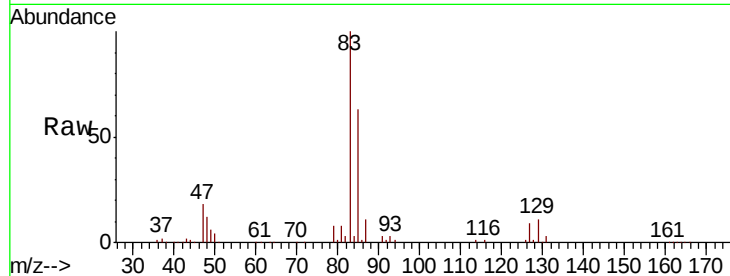
Tot Ion: 83 Resp: 195426

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.4

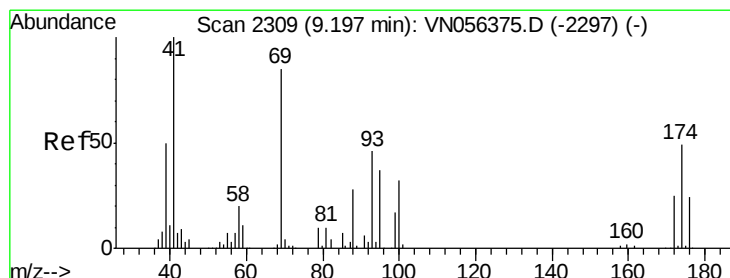
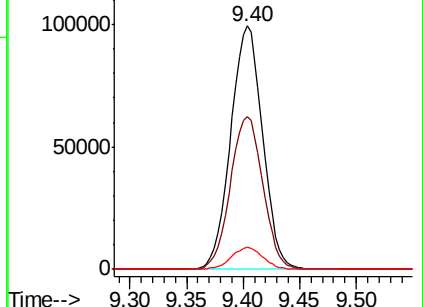
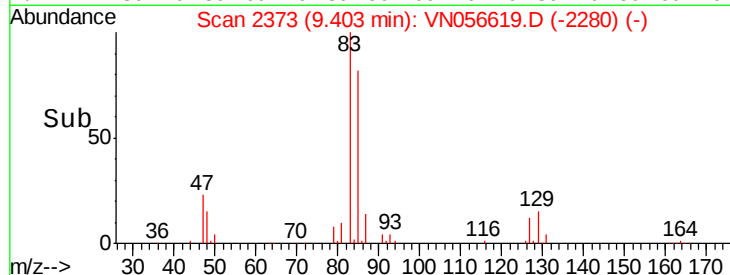
127 9.0 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056619.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056619.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056619.D (-2280) (-)



#48

Methyl methacrylate

Concen: 52.221 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

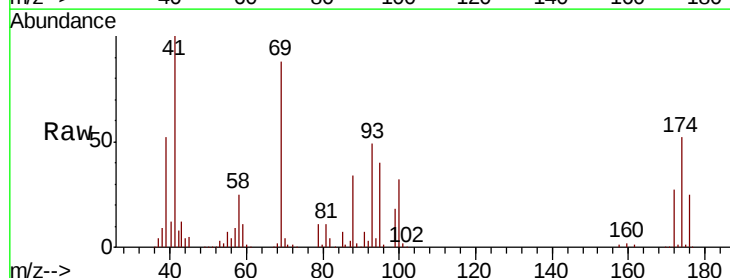
Tgt Ion: 41 Resp: 158525

Ion Ratio Lower Upper

41 100

69 90.6 72.6 109.0

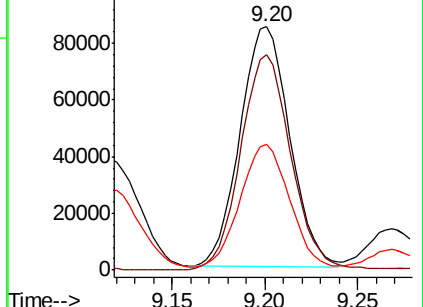
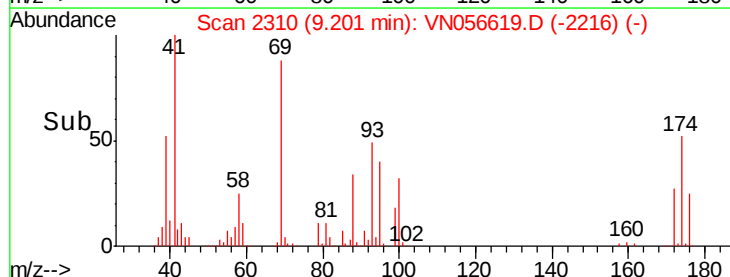
39 52.8 42.6 63.8

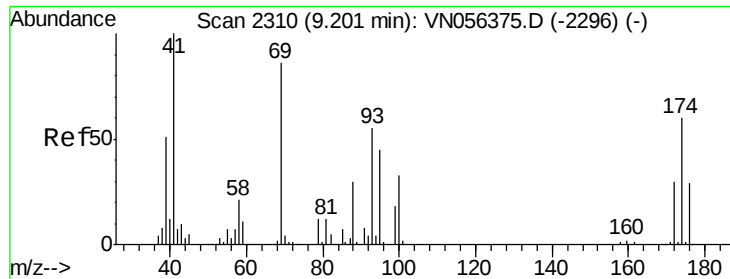


Abundance Ion 41.00 (40.70 to 41.70): VN056619.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056619.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056619.D (-2216) (-)

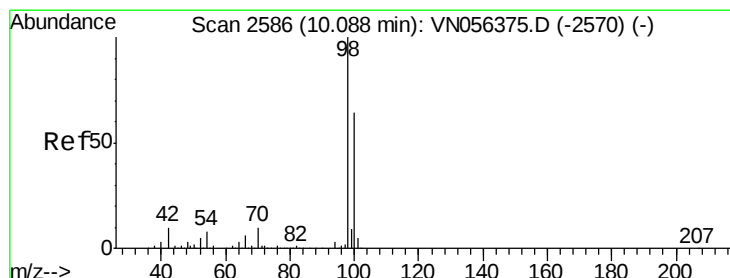
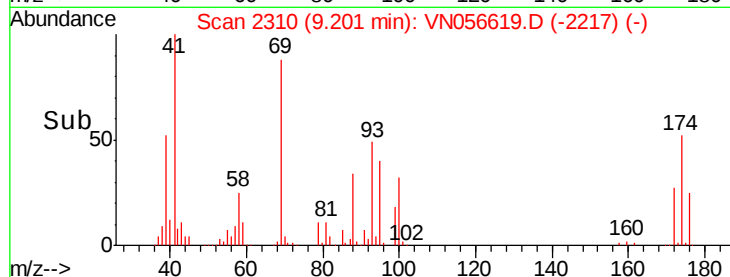
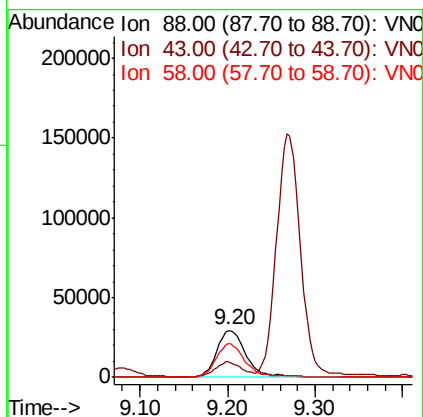
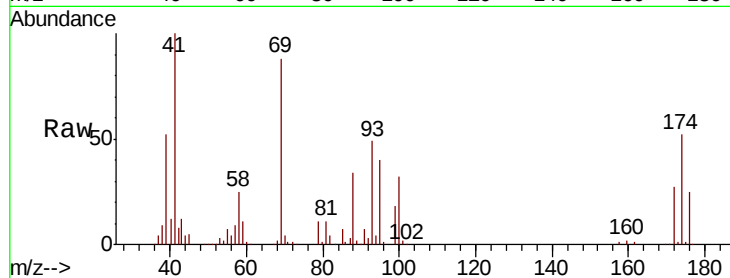




#49
1,4-Dioxane
Concen: 1092.850 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

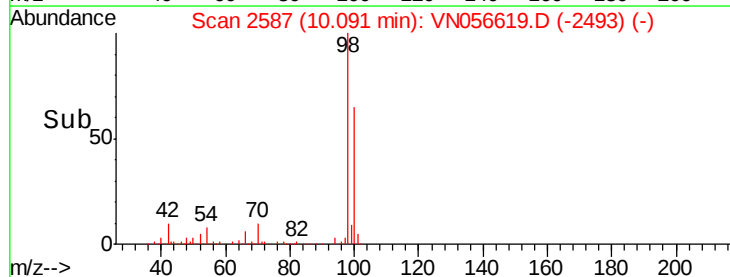
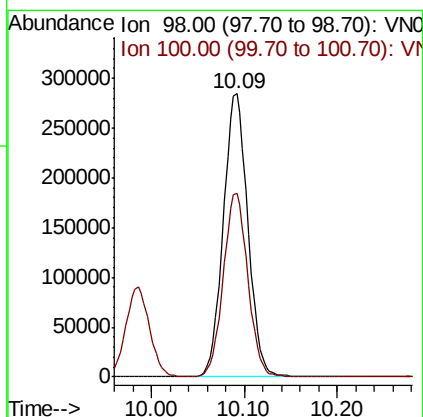
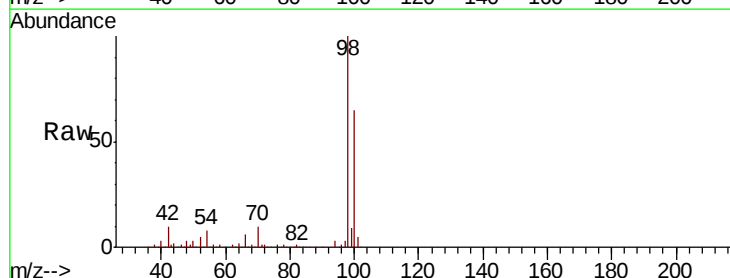
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

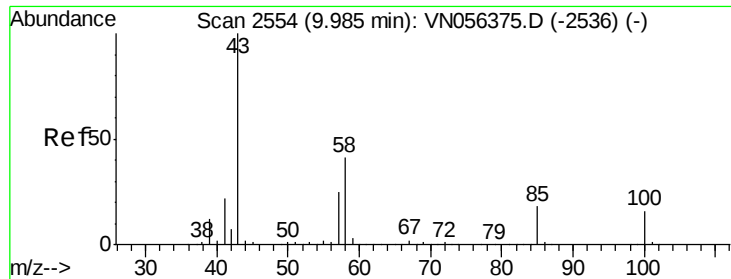
Tot Ion: 88 Resp: 68846
Ion Ratio Lower Upper
88 100
43 27.7 22.0 33.0
58 68.3 51.8 77.8



#50
Toluene-d8
Concen: 47.349 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion: 98 Resp: 522002
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 278.703 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

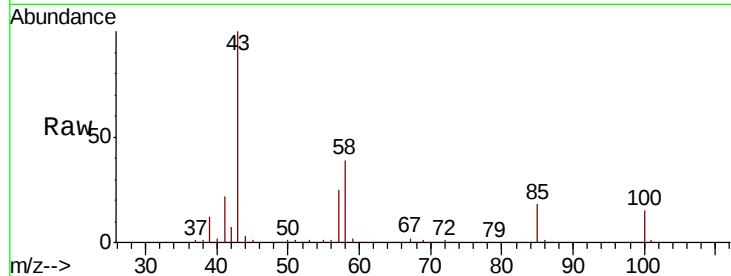
VSTDCCC050EC

Tot Ion: 43 Resp: 1089700

Ion Ratio Lower Upper

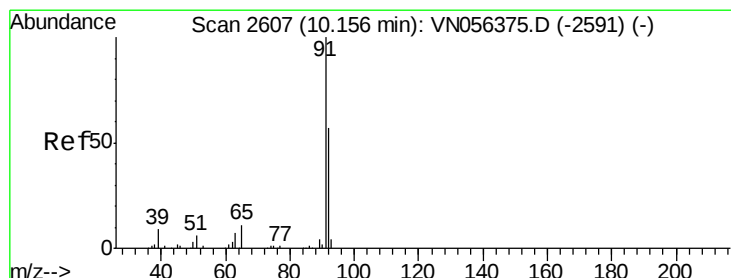
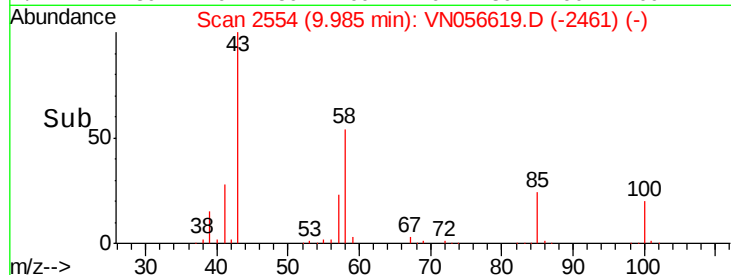
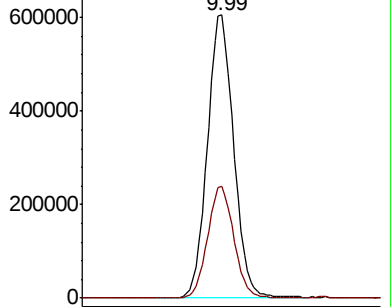
43 100

58 39.4 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 47.479 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056619.D

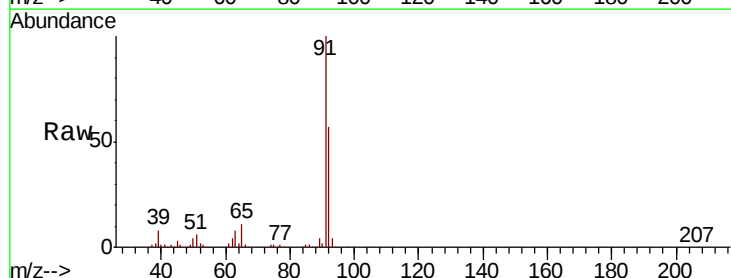
Acq: 8 Jul 2019 19:01

Tgt Ion: 92 Resp: 356941

Ion Ratio Lower Upper

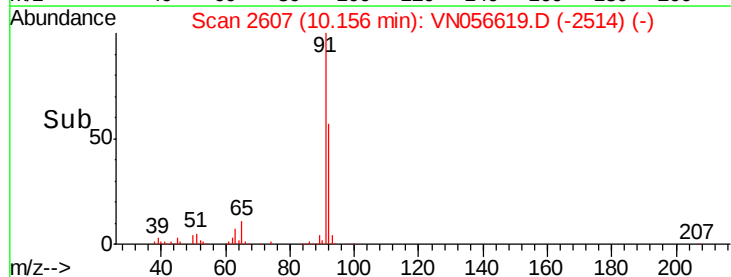
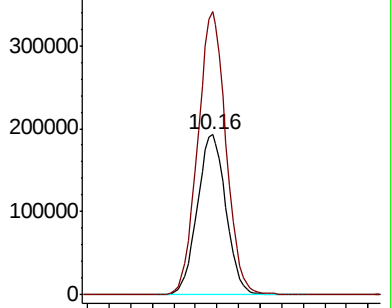
92 100

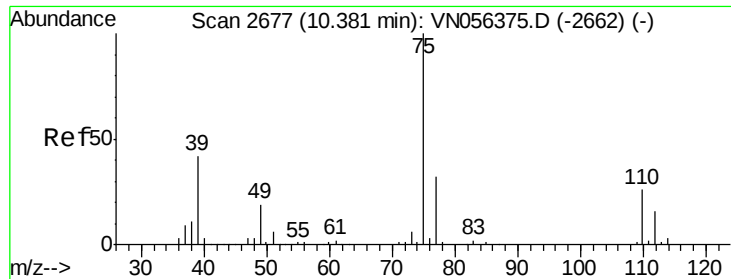
91 174.5 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 49.376 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

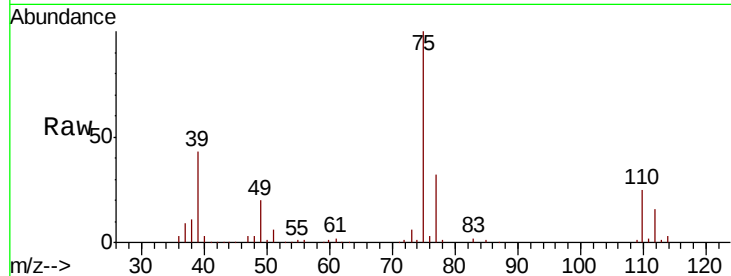
VSTDCCC050EC

Tot Ion: 75 Resp: 209686

Ion Ratio Lower Upper

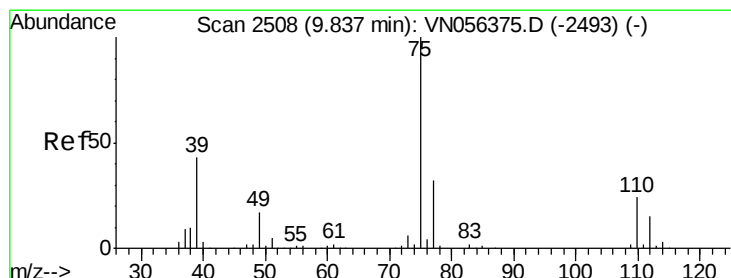
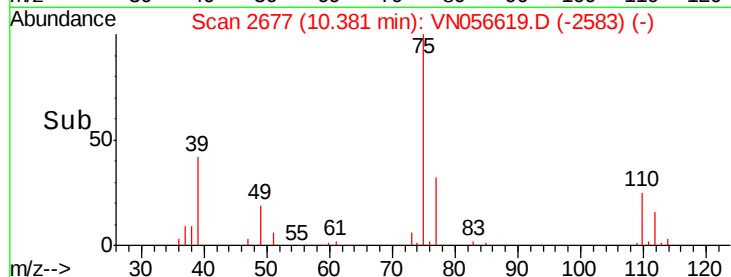
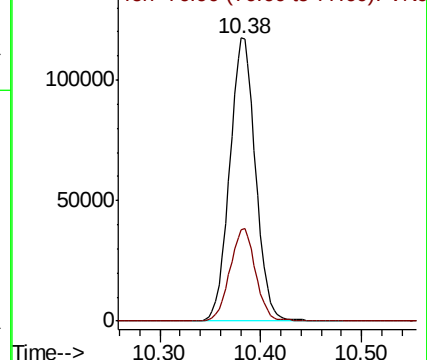
75 100

77 32.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.481 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

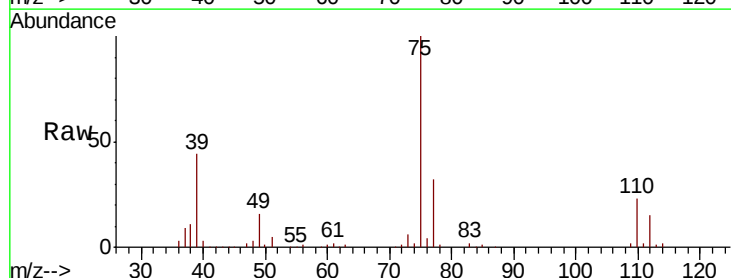
Tgt Ion: 75 Resp: 235007

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

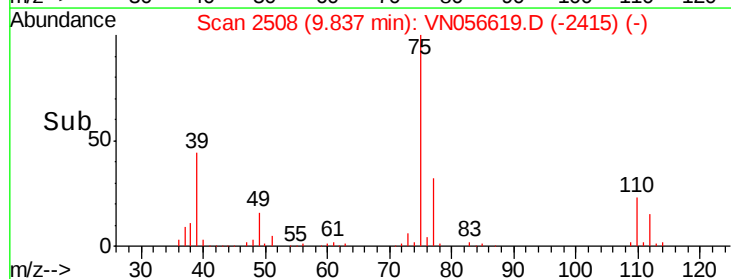
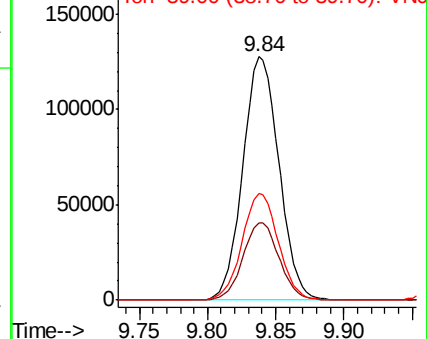
39 43.7 34.2 51.4

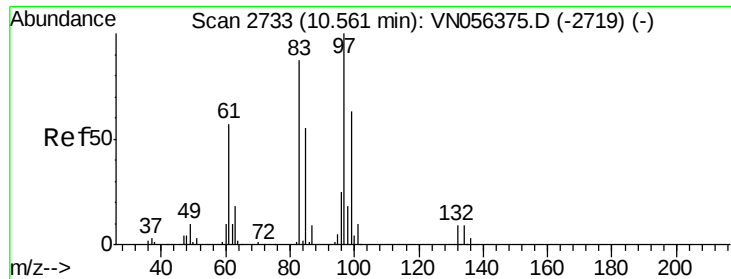


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 50.392 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 152277

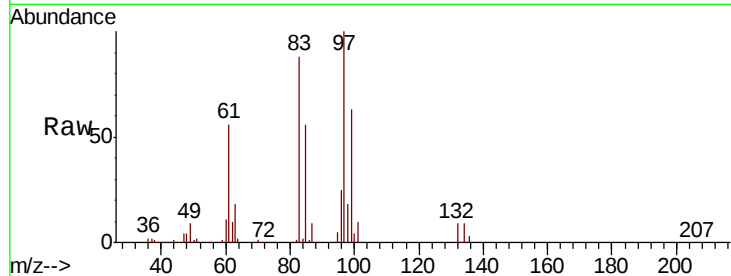
Ion Ratio Lower Upper

97 100

83 88.4 69.8 104.6

85 56.0 43.8 65.8

99 62.7 50.2 75.2

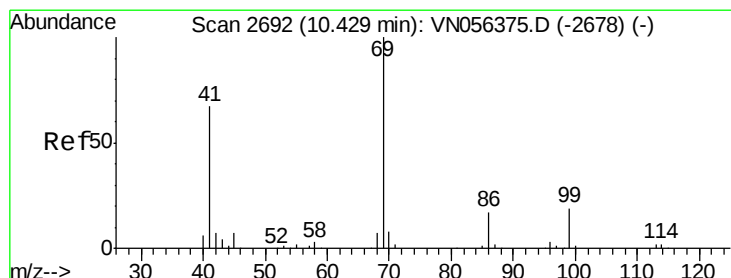
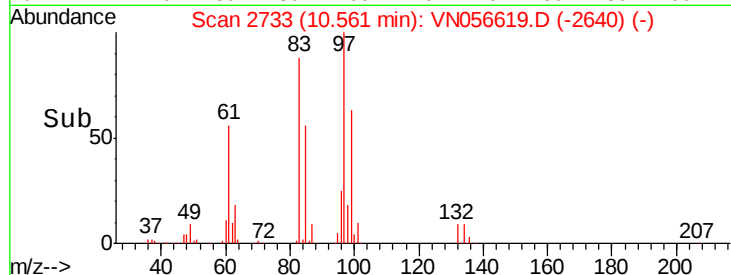
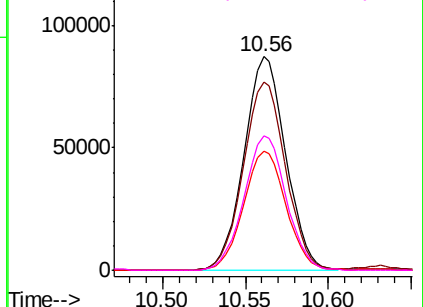


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 54.561 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

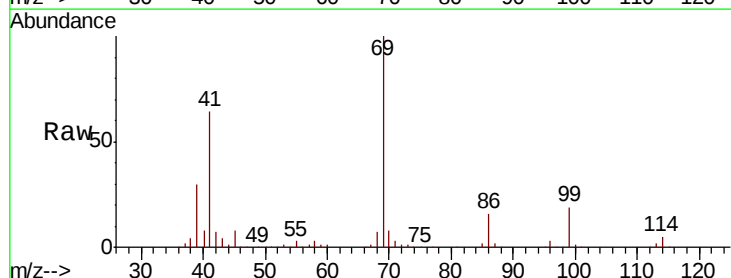
Tgt Ion: 69 Resp: 240952

Ion Ratio Lower Upper

69 100

41 63.7 51.4 77.2

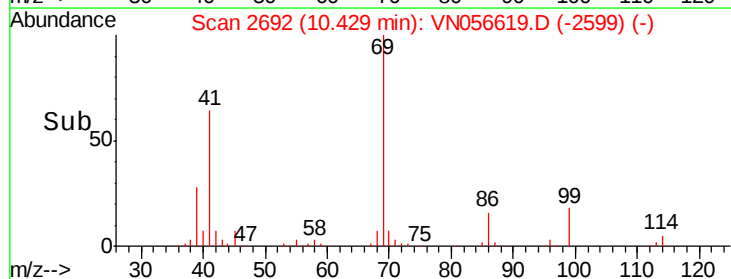
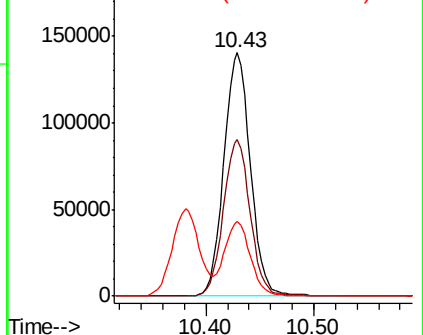
39 30.0 24.7 37.1

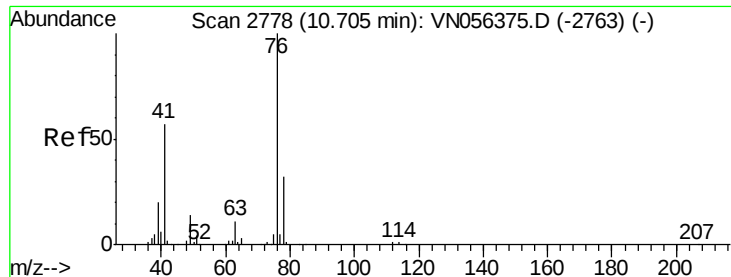


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

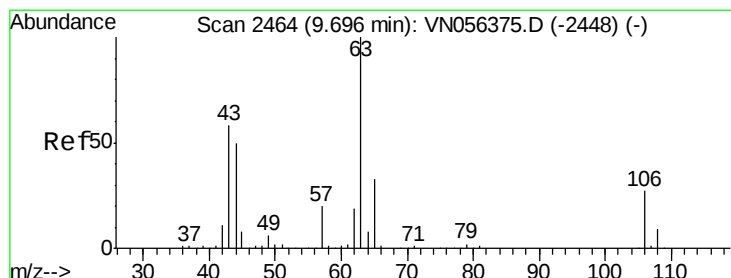
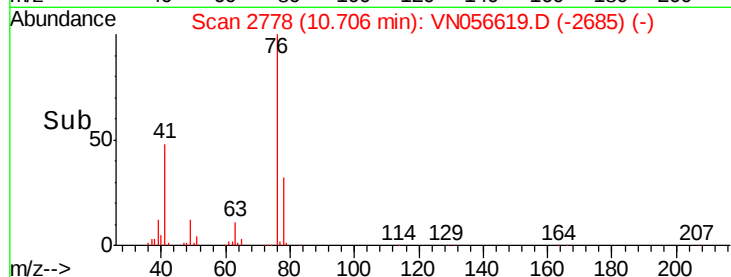
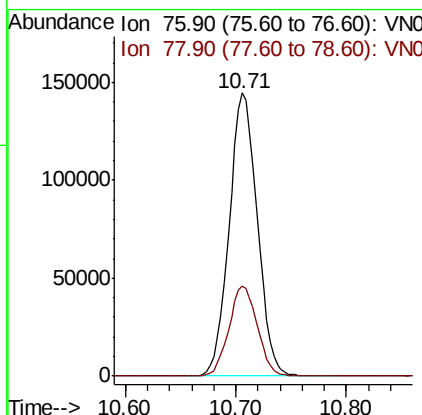
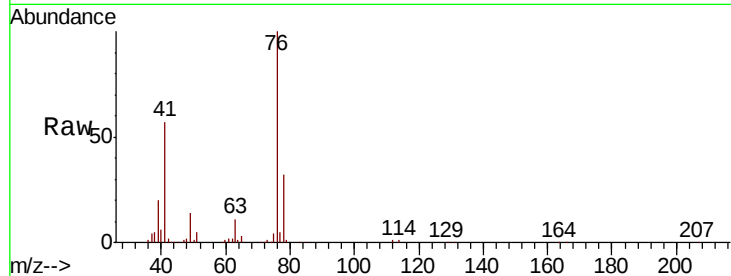




#57
 1,3-Dichloropropane
 Concen: 50.318 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

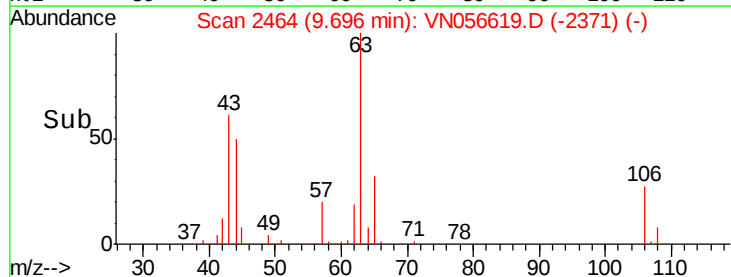
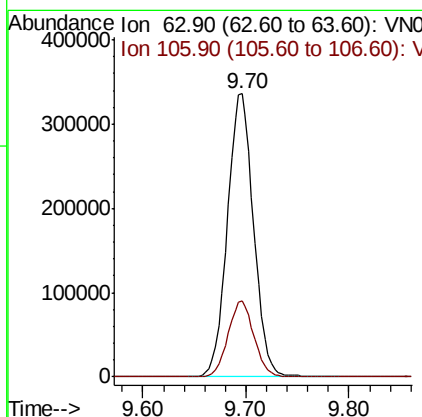
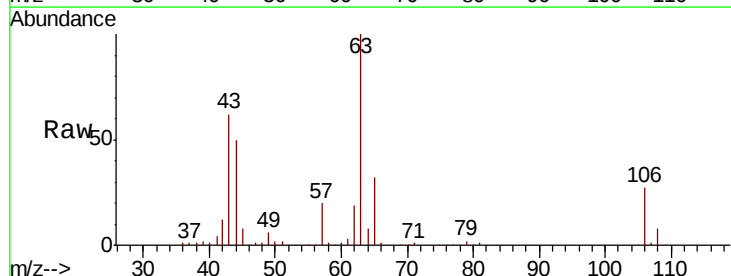
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

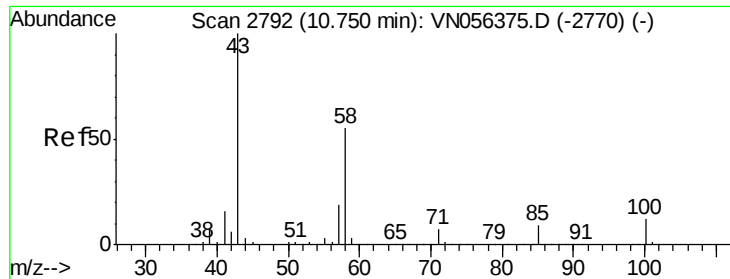
Tot Ion: 76 Resp: 255441
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 374.376 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

Tgt Ion: 63 Resp: 593959
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.6 32.4

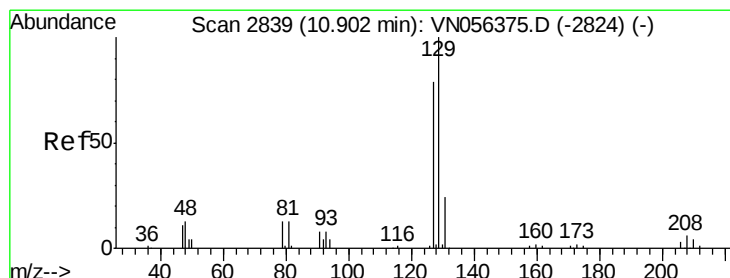
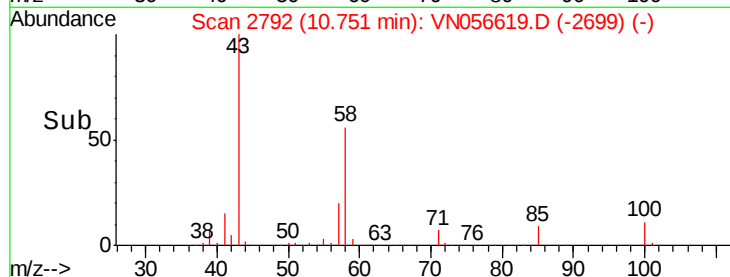
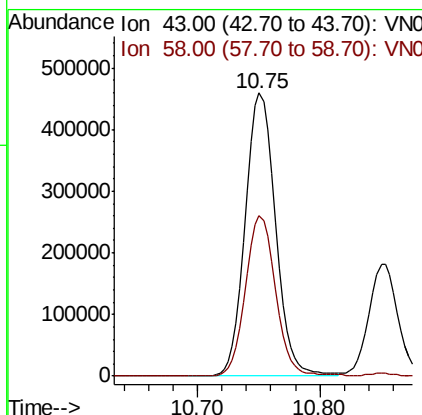
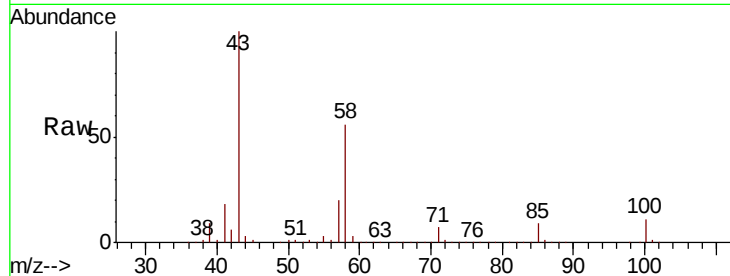




#59
2-Hexanone
Concen: 272.989 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

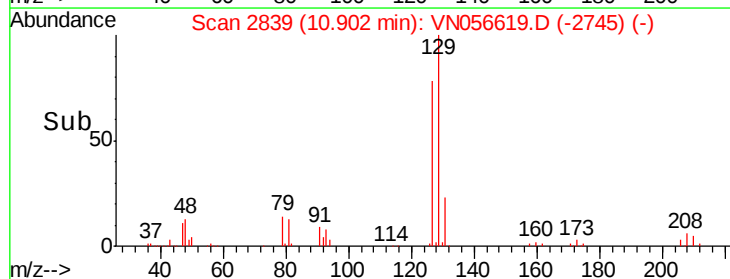
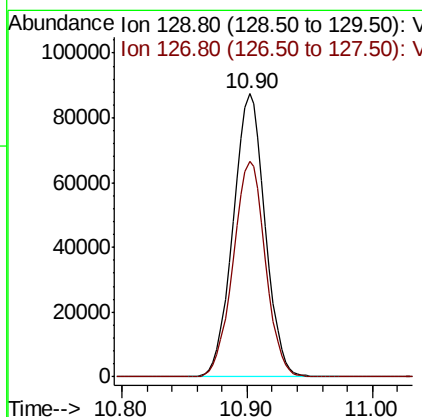
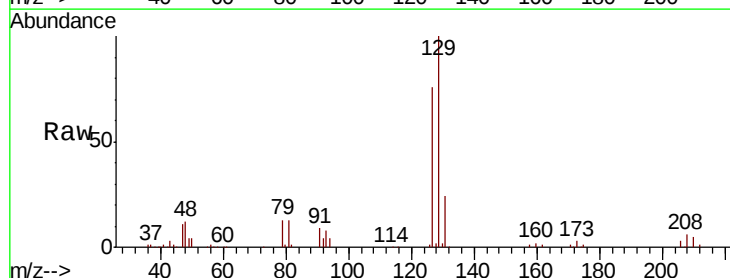
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

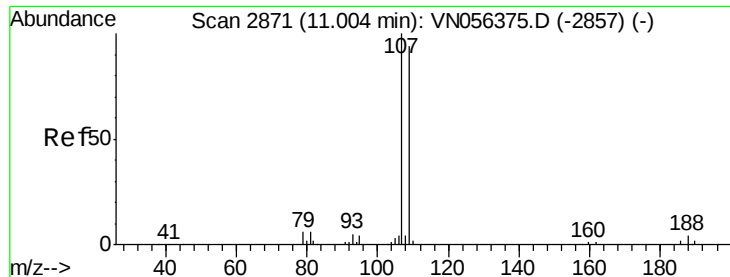
Tot Ion: 43 Resp: 784475
Ion Ratio Lower Upper
43 100
58 56.2 27.8 83.4



#60
Dibromochloromethane
Concen: 49.802 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion: 129 Resp: 154657
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 51.000 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

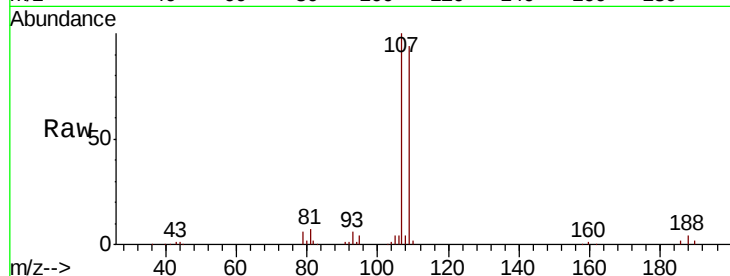
VSTDCCC050EC

Tot Ion:107 Resp: 157402

Ion Ratio Lower Upper

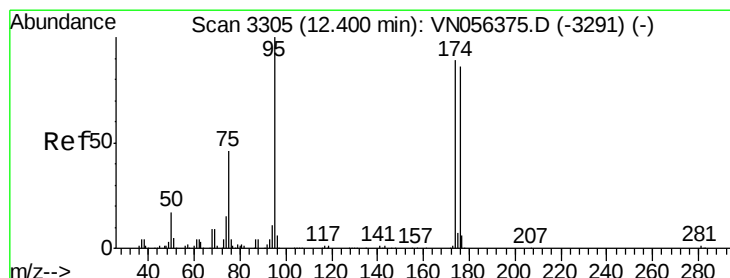
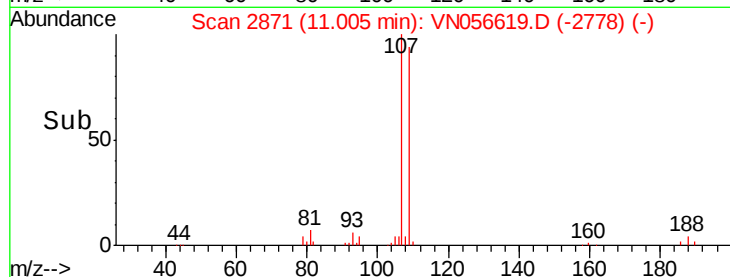
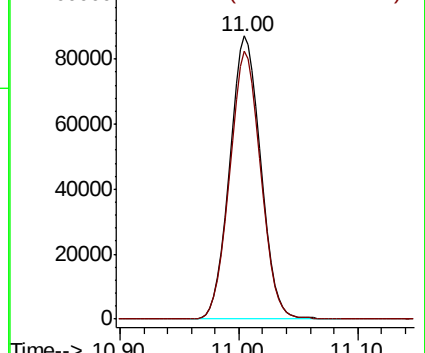
107 100

109 94.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.564 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

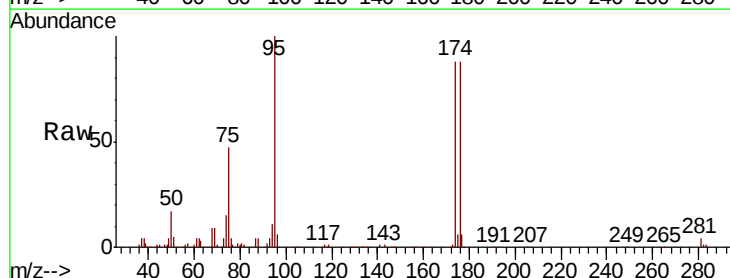
Tgt Ion: 95 Resp: 185831

Ion Ratio Lower Upper

95 100

174 89.6 0.0 179.4

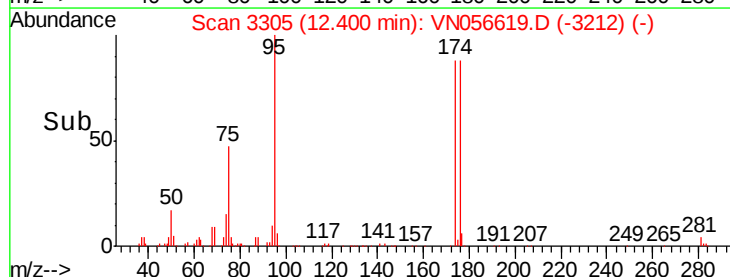
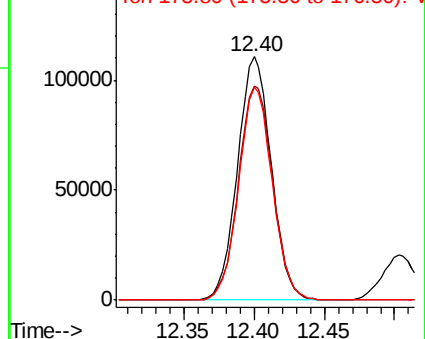
176 87.0 0.0 173.4

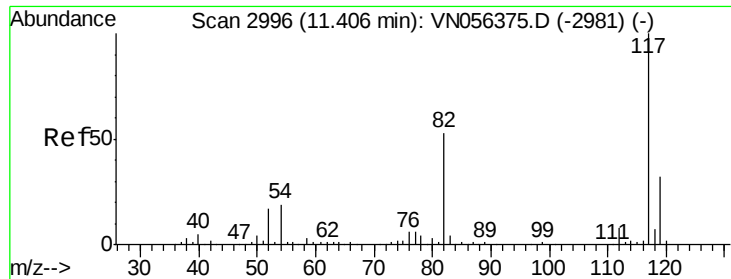


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

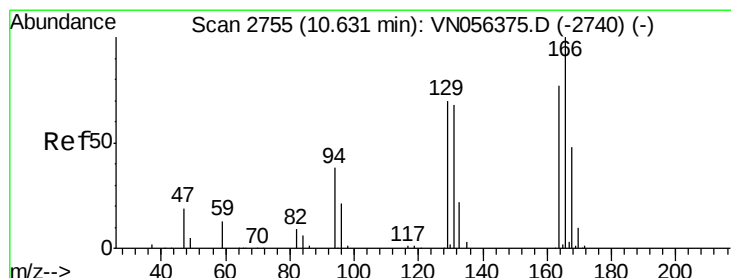
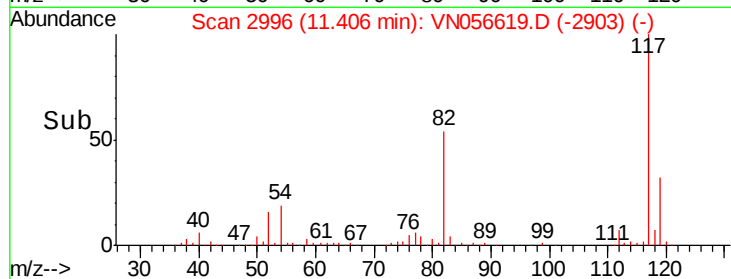
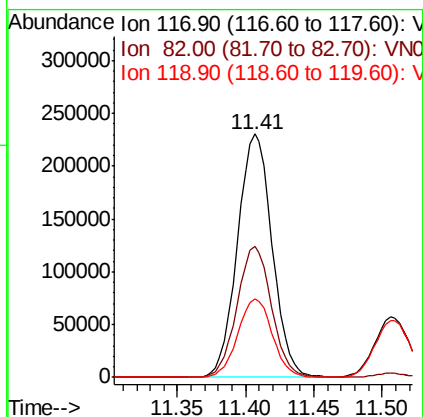
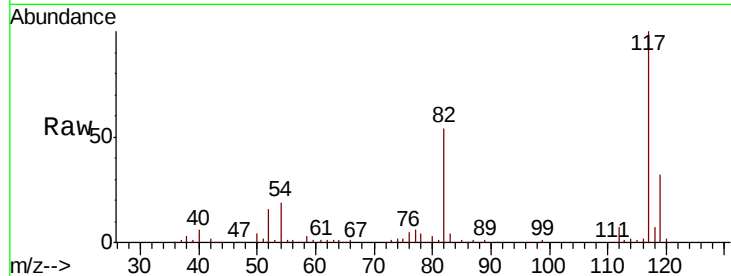




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

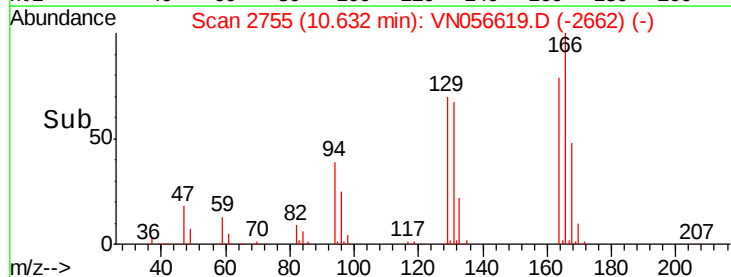
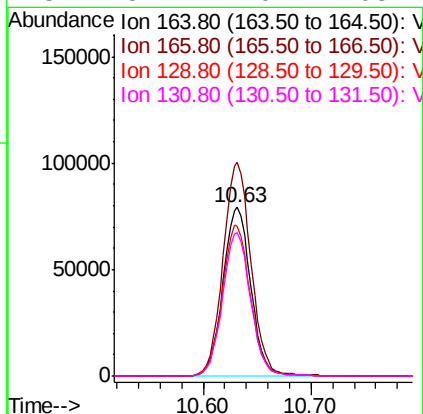
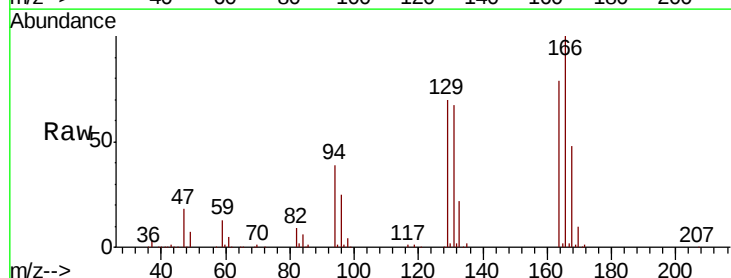
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

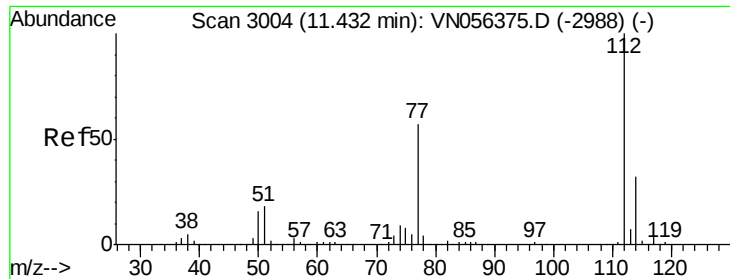
Tot Ion:117 Resp: 406900
Ion Ratio Lower Upper
117 100
82 53.6 42.0 63.0
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 44.130 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion:164 Resp: 142201
Ion Ratio Lower Upper
164 100
166 126.5 103.4 155.0
129 88.9 72.0 108.0
131 84.7 70.2 105.2

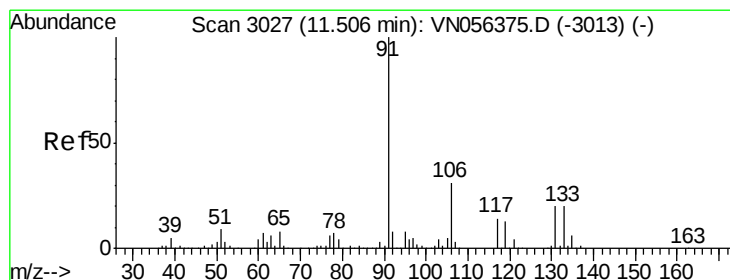
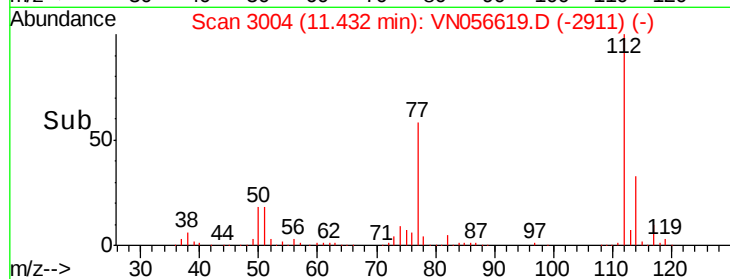
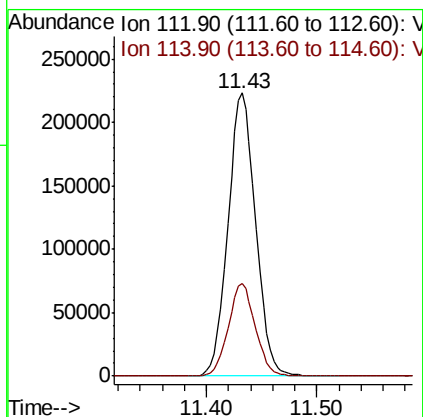
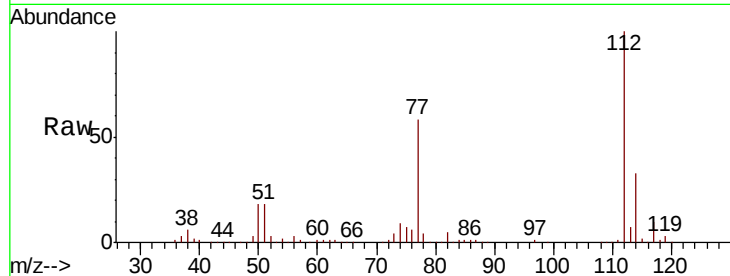




#65
Chlorobenzene
Concen: 47.282 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

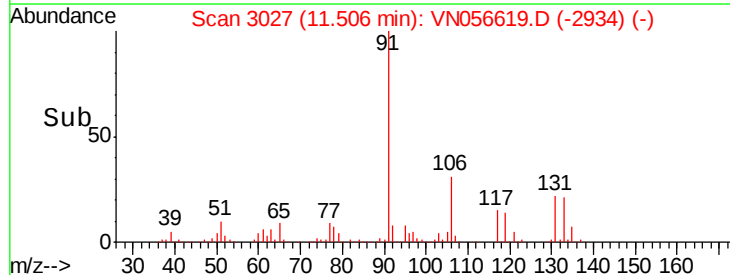
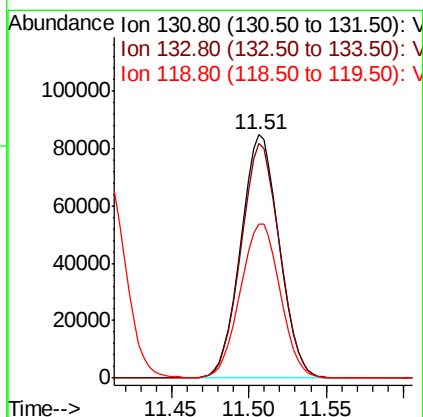
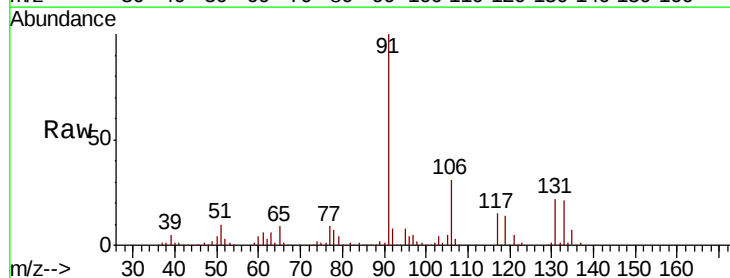
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

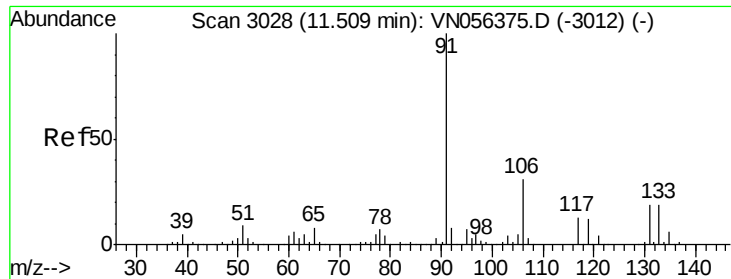
Tot Ion:112 Resp: 386582
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.151 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion:131 Resp: 146872
Ion Ratio Lower Upper
131 100
133 96.9 47.4 142.2
119 65.7 32.8 98.4

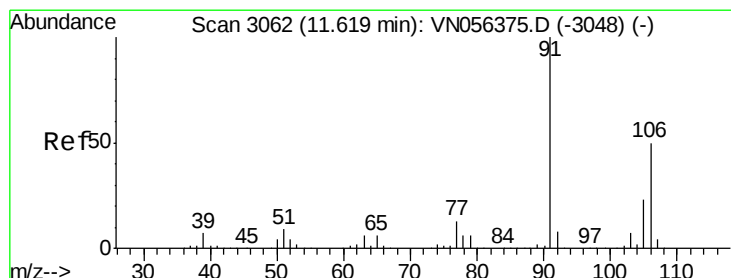
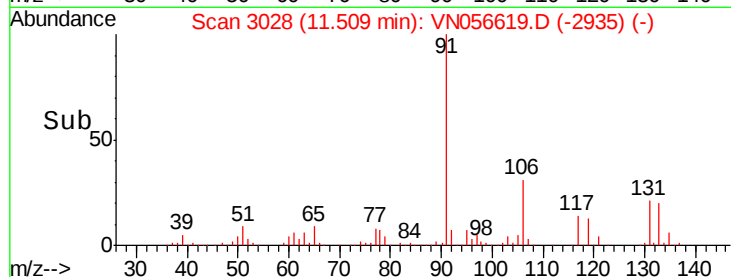
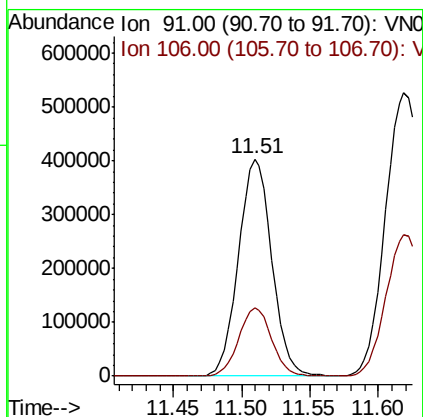
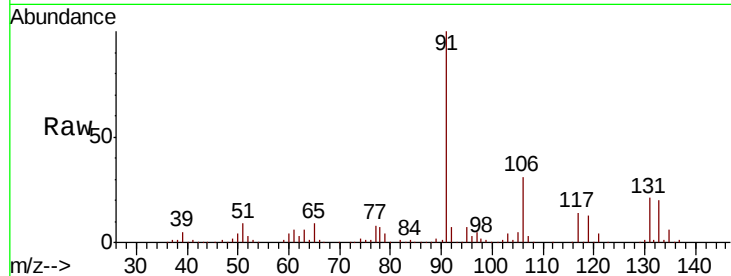




#67
Ethyl Benzene
Concen: 47.647 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

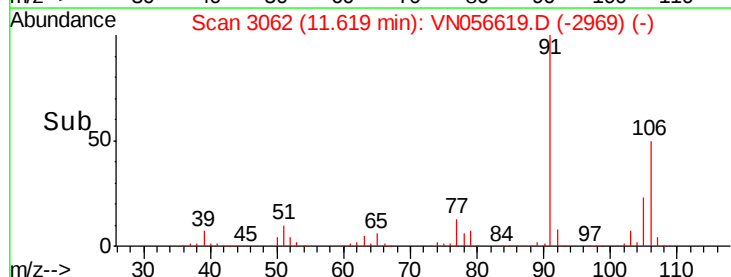
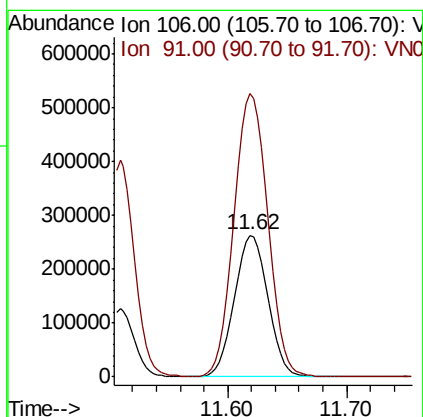
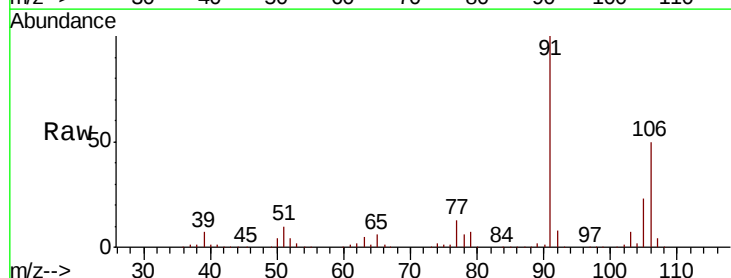
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

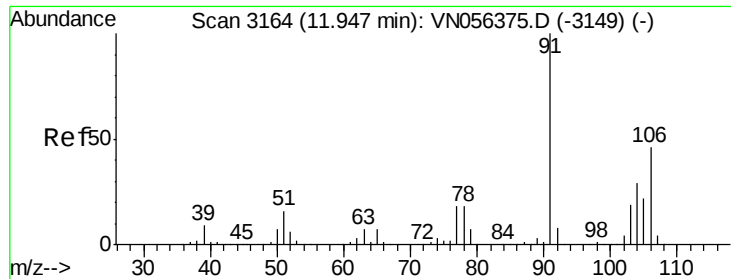
Tot Ion: 91 Resp: 684027
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 97.376 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion: 106 Resp: 512310
Ion Ratio Lower Upper
106 100
91 203.0 160.1 240.1

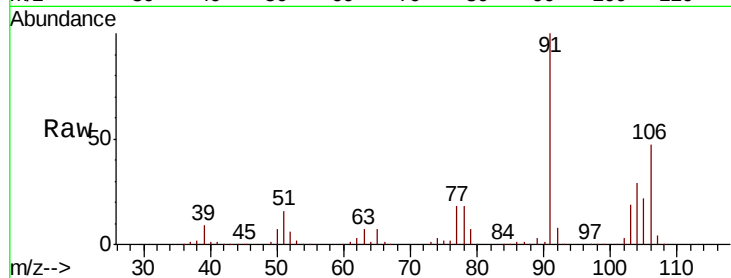




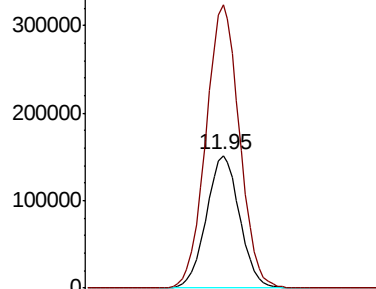
#69
o-Xylene
Concen: 48.164 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

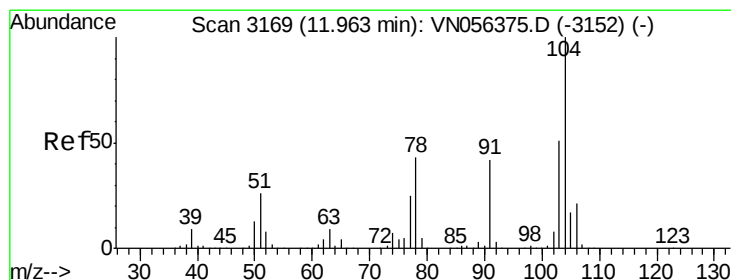
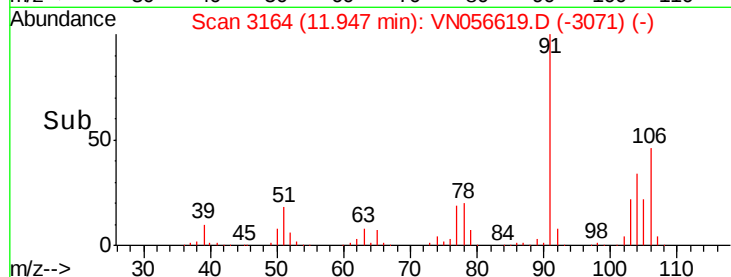
Tot Ion:106 Resp: 250699
Ion Ratio Lower Upper
106 100
91 215.0 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

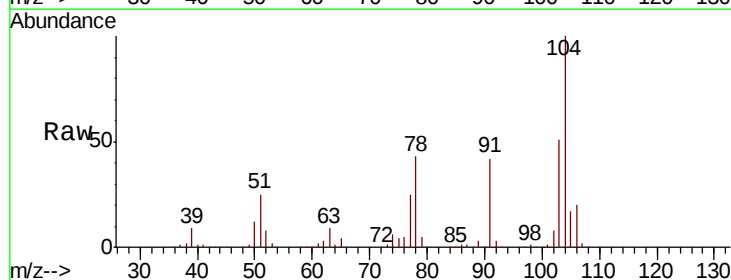


Time--> 11.85 11.90 11.95 12.00

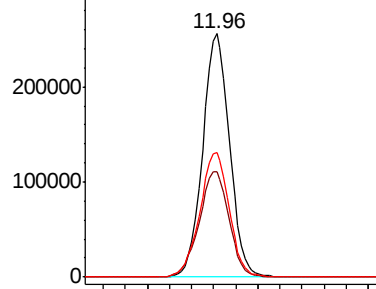


#70
Styrene
Concen: 51.940 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

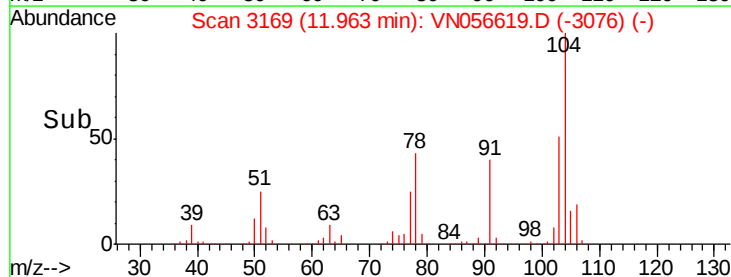
Tgt Ion:104 Resp: 432132
Ion Ratio Lower Upper
104 100
78 48.2 38.6 57.8
103 55.9 43.9 65.9

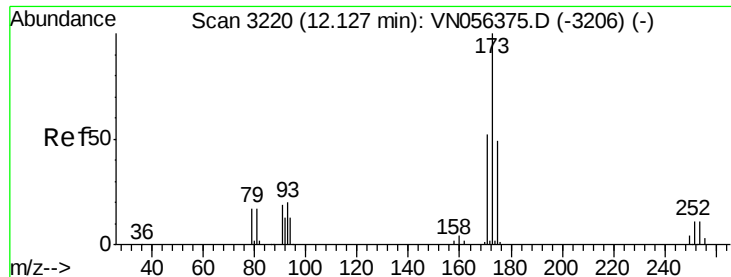


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



Time--> 11.90 11.95 12.00

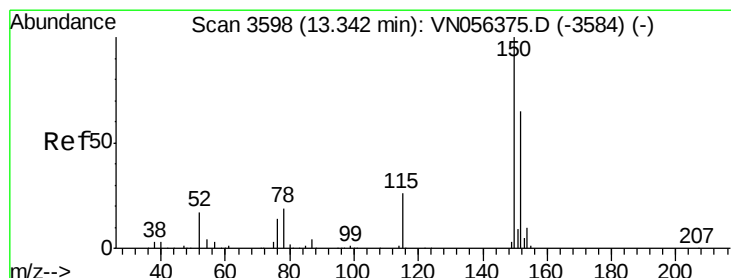
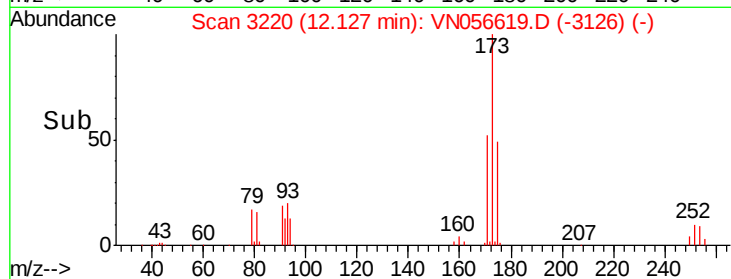
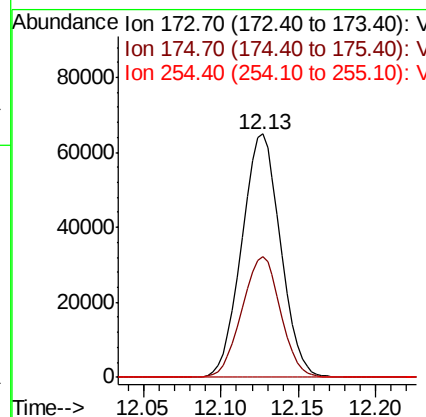
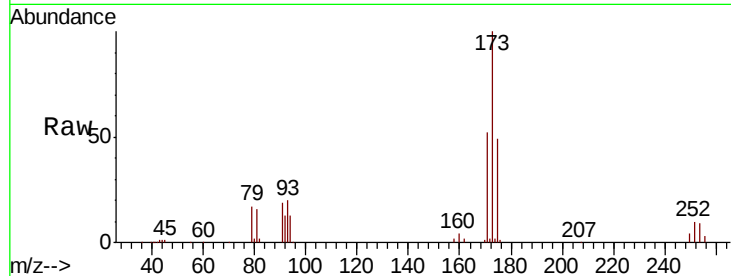




#71
Bromoform
Concen: 50.674 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

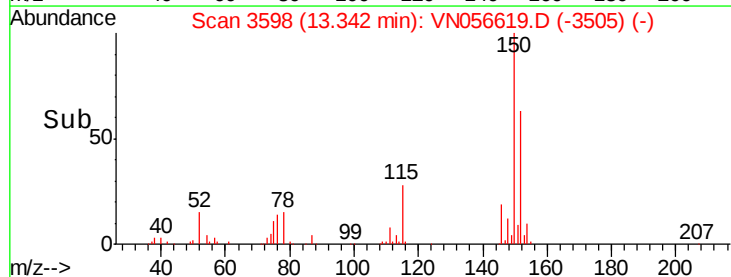
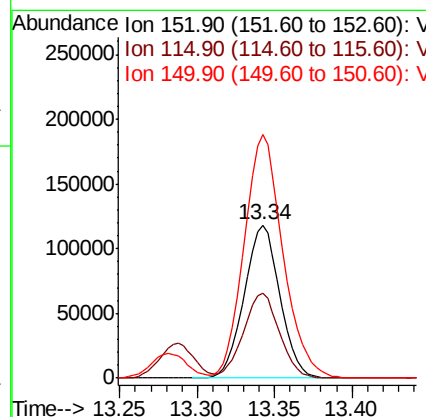
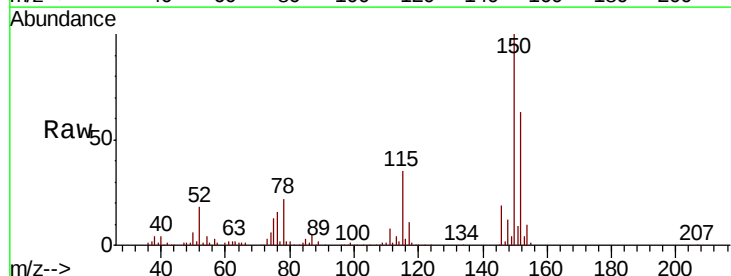
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

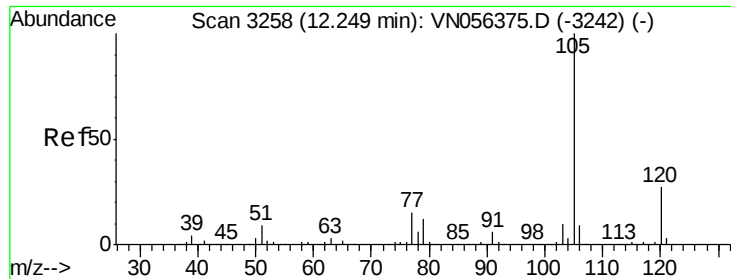
Tot Ion:173 Resp: 113065
Ion Ratio Lower Upper
173 100
175 49.4 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion:152 Resp: 189214
Ion Ratio Lower Upper
152 100
115 55.9 28.1 84.4
150 173.3 0.0 348.4





#73

Isopropylbenzene

Concen: 47.452 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

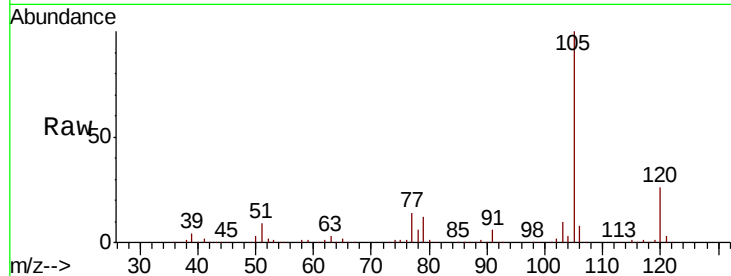
VSTDCCC050EC

Tot Ion:105 Resp: 676327

Ion Ratio Lower Upper

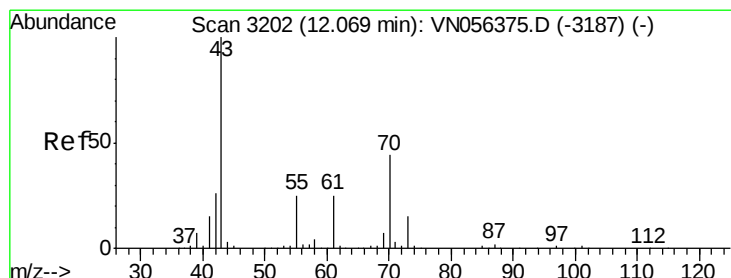
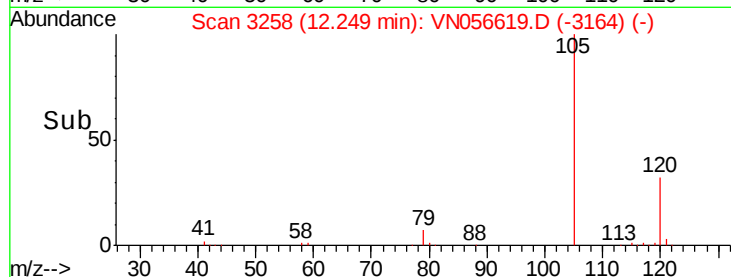
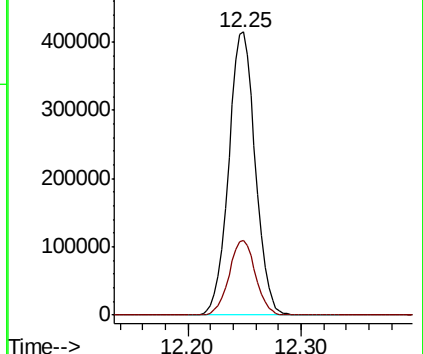
105 100

120 26.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.134 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Tgt Ion: 43 Resp: 277812

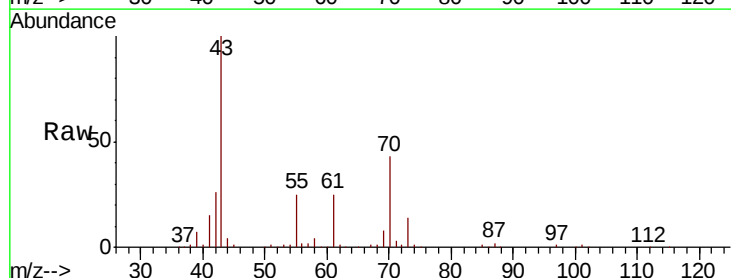
Ion Ratio Lower Upper

43 100

70 43.0 34.9 52.3

55 25.4 20.4 30.6

61 24.6 19.8 29.8

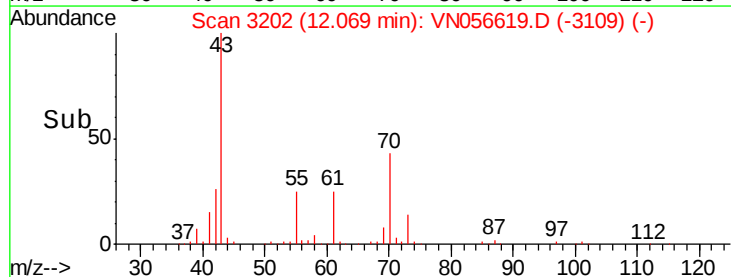
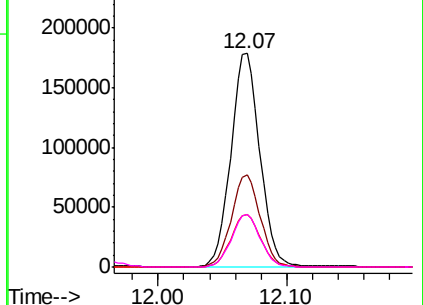


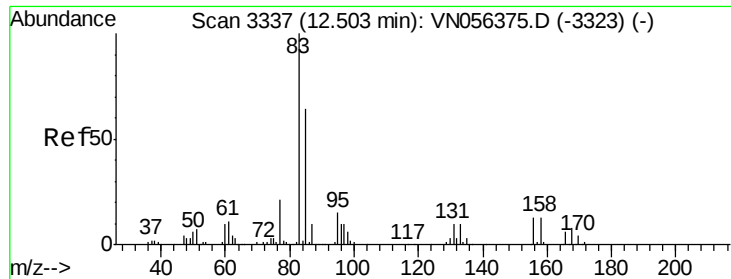
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.065 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

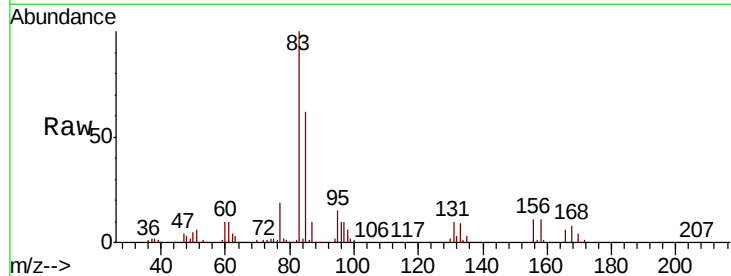
Tot Ion: 83 Resp: 232644

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

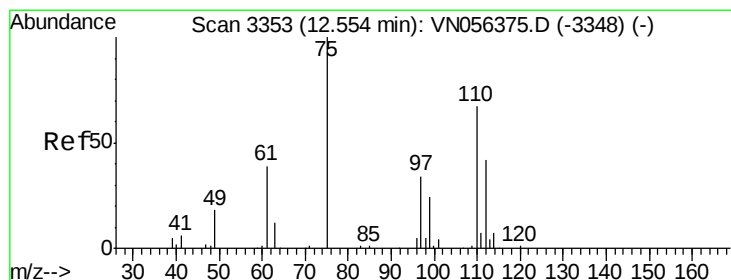
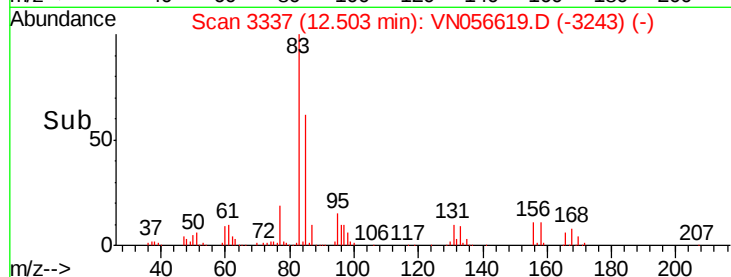
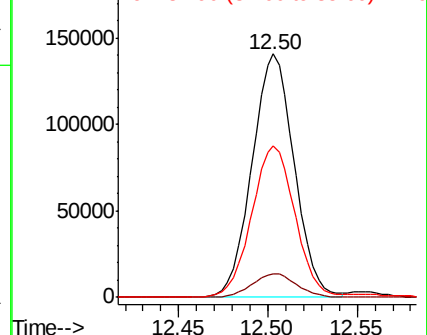
85 63.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 70.460 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056619.D

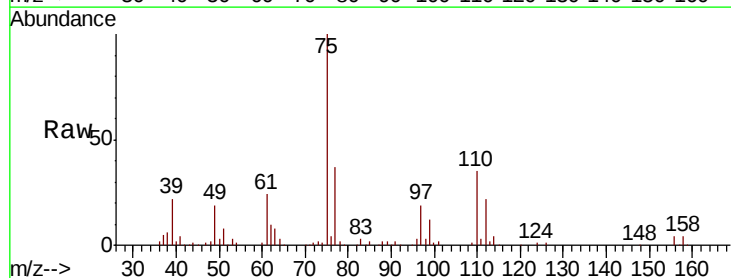
Acq: 8 Jul 2019 19:01

Tgt Ion: 75 Resp: 276441

Ion Ratio Lower Upper

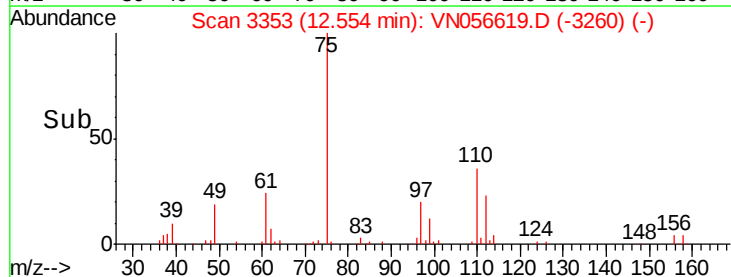
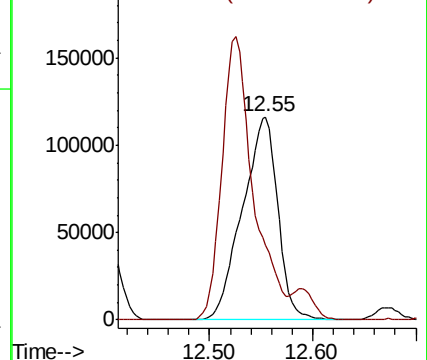
75 100

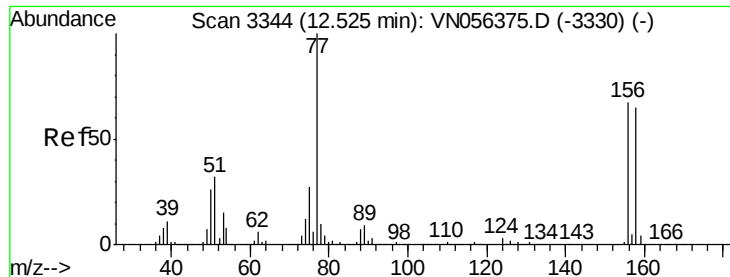
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 42.533 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

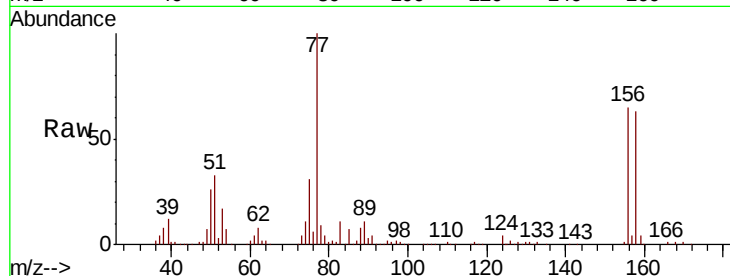
Tot Ion:156 Resp: 179949

Ion Ratio Lower Upper

156 100

77 191.5 92.5 277.3

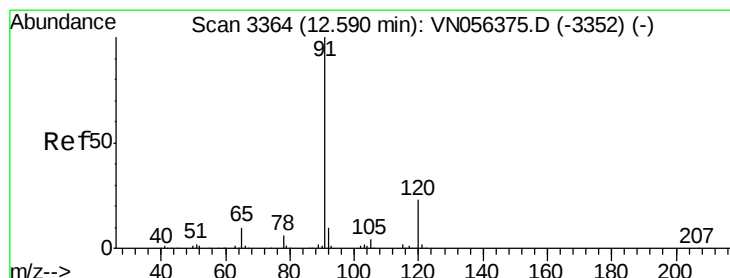
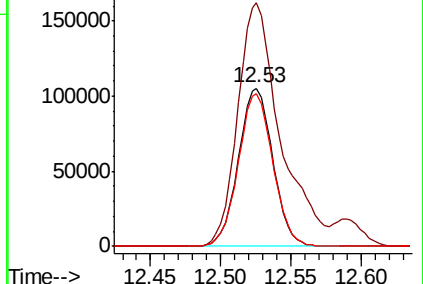
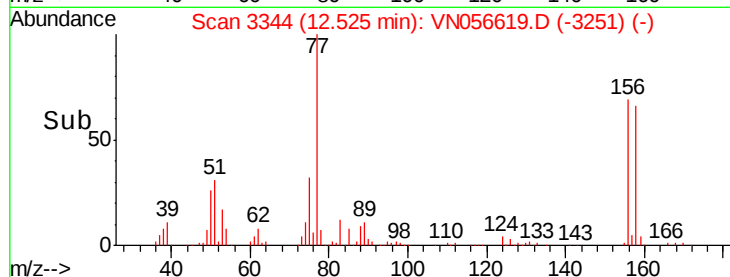
158 97.0 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.806 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056619.D

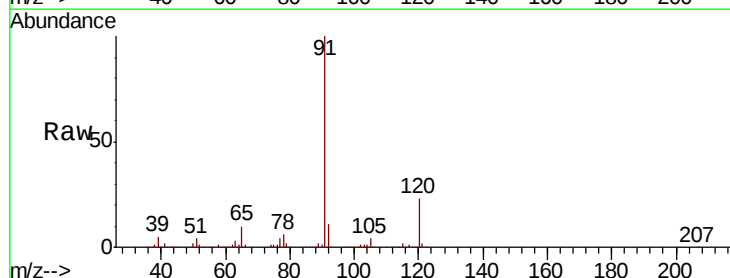
Acq: 8 Jul 2019 19:01

Tgt Ion: 91 Resp: 759041

Ion Ratio Lower Upper

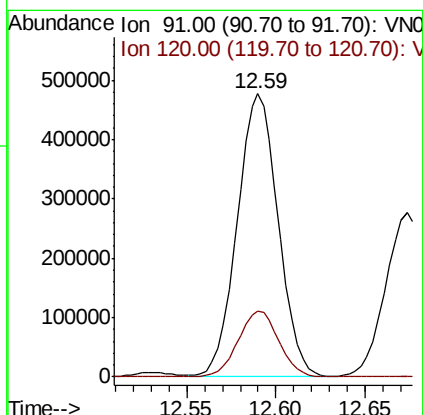
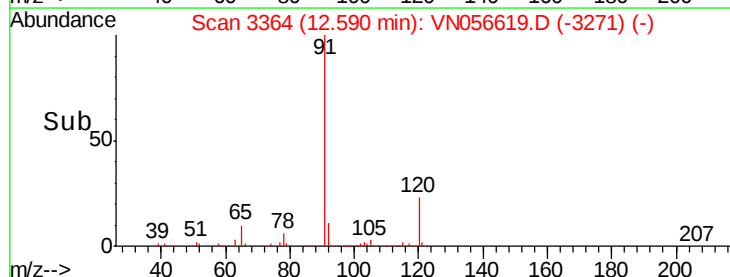
91 100

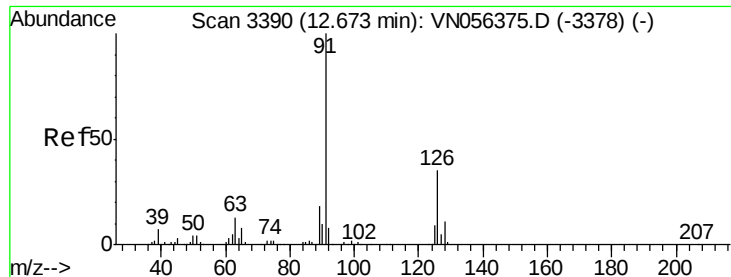
120 23.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.721 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

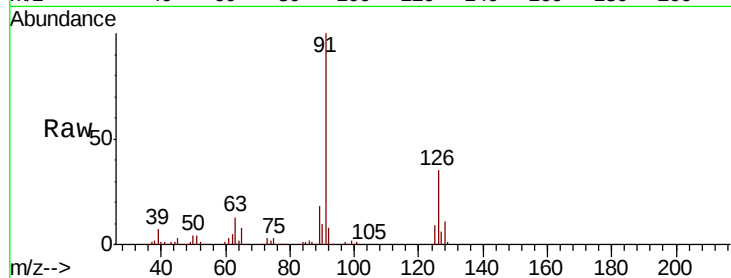
VSTDCCC050EC

Tot Ion: 91 Resp: 454509

Ion Ratio Lower Upper

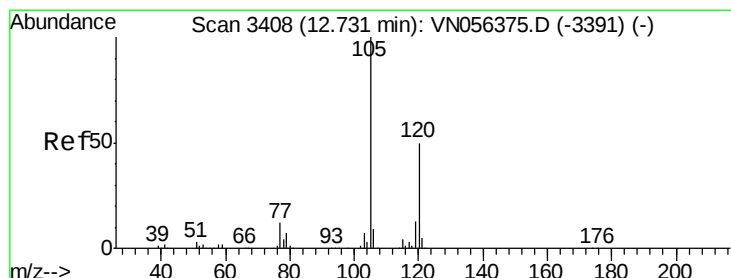
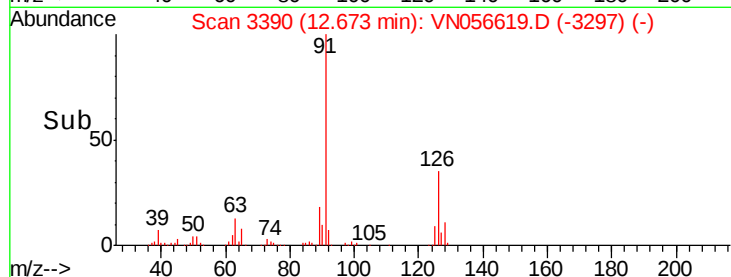
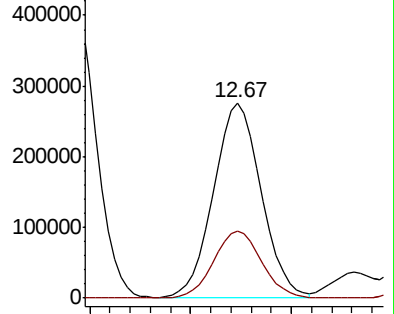
91 100

126 34.9 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN056375.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.545 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056619.D

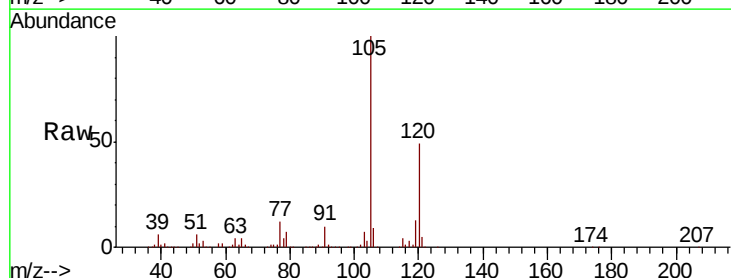
Acq: 8 Jul 2019 19:01

Tgt Ion: 105 Resp: 567483

Ion Ratio Lower Upper

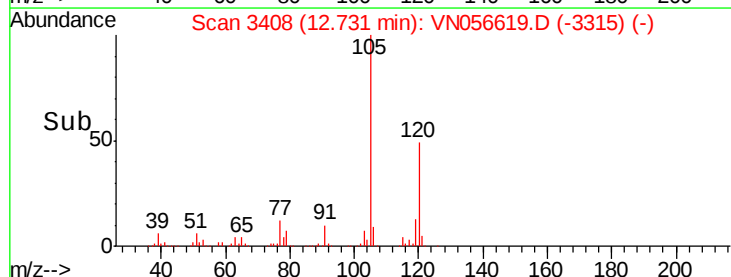
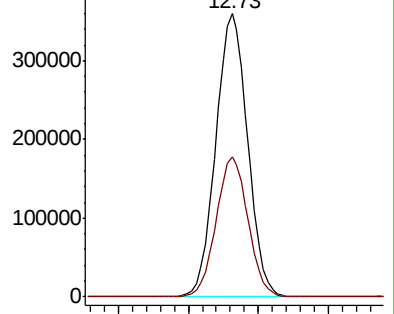
105 100

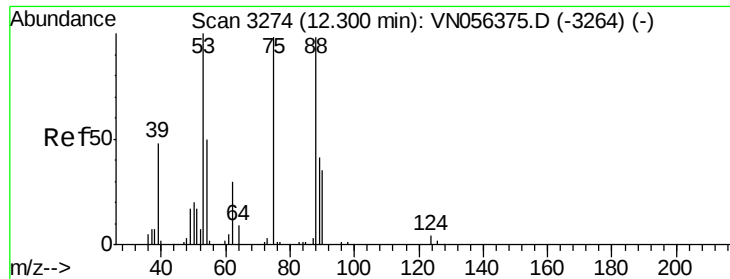
120 49.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN056375.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN056375.D (-3391) (-)

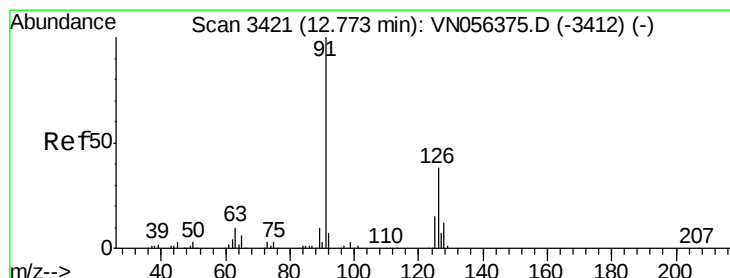
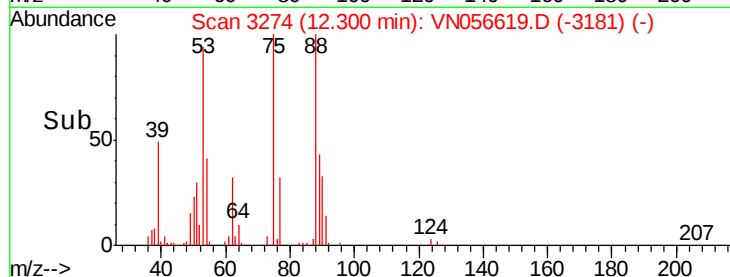
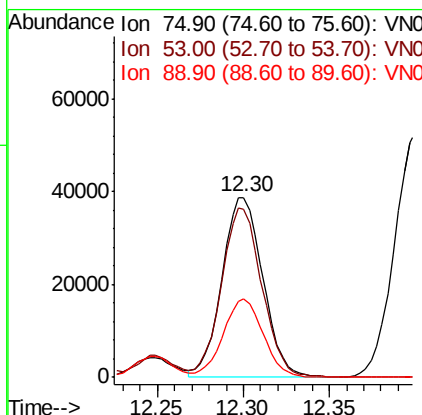
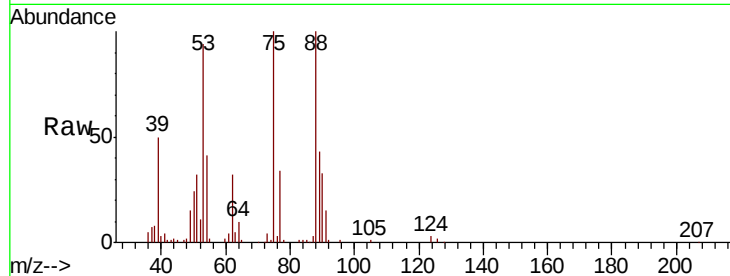




#81
trans-1,4-Dichloro-2-butene
Concen: 58.188 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

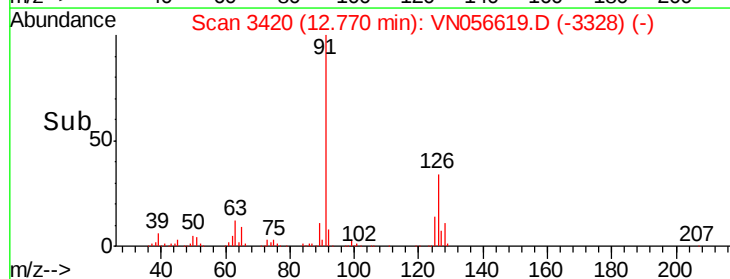
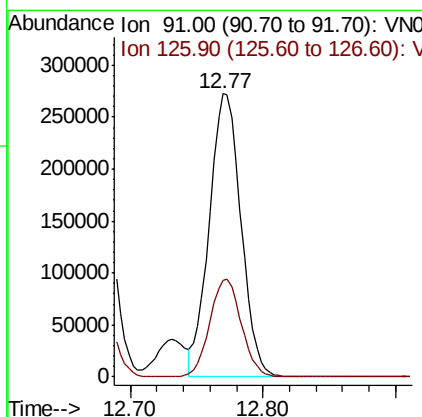
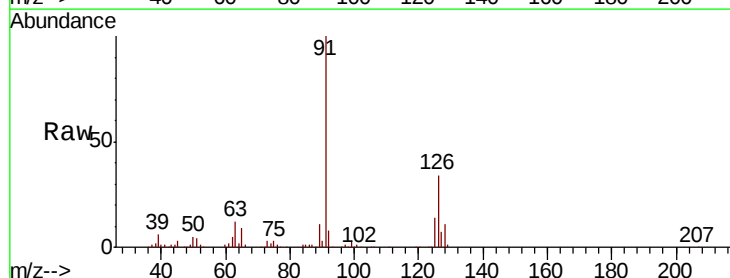
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

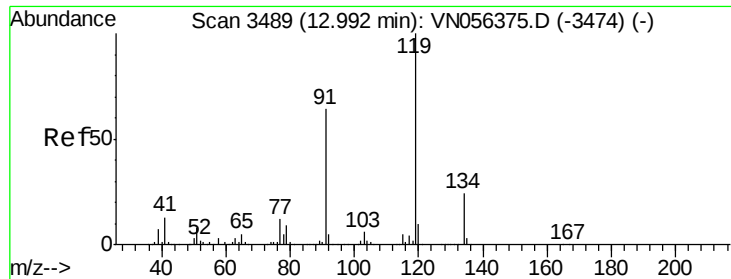
Tot Ion: 75 Resp: 64233
Ion Ratio Lower Upper
75 100
53 93.4 83.9 125.9
89 42.7 35.0 52.6



#82
4-Chlorotoluene
Concen: 44.272 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion: 91 Resp: 452938
Ion Ratio Lower Upper
91 100
126 34.4 17.3 52.0

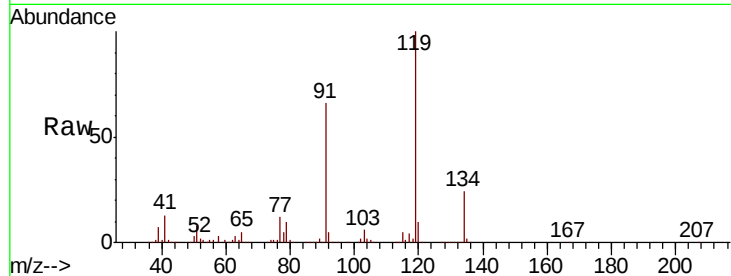




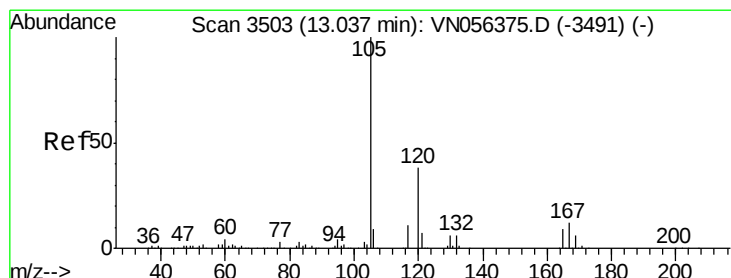
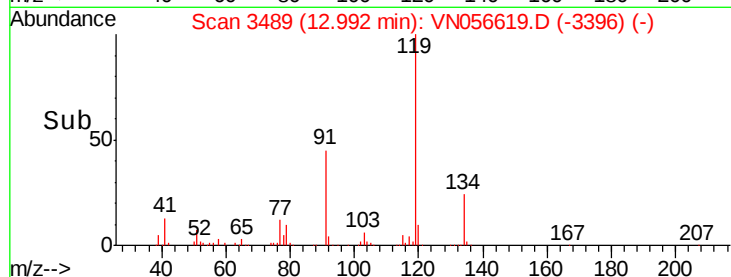
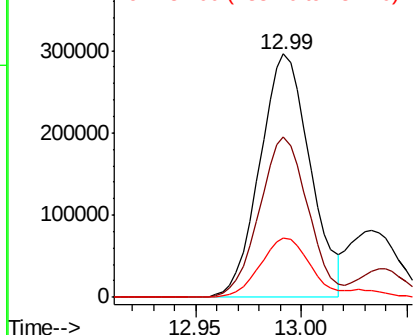
#83
 tert-Butylbenzene
 Concen: 47.221 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 491570
 Ion Ratio Lower Upper
 119 100
 91 64.0 31.6 94.7
 134 24.3 13.2 39.5

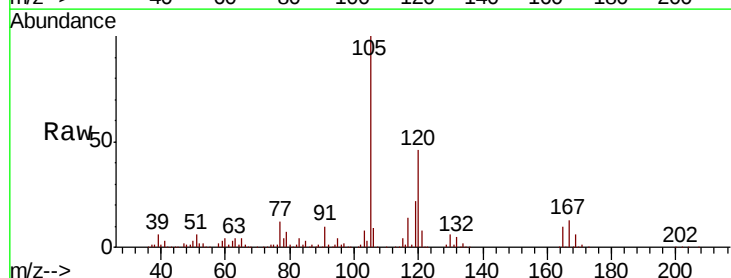


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

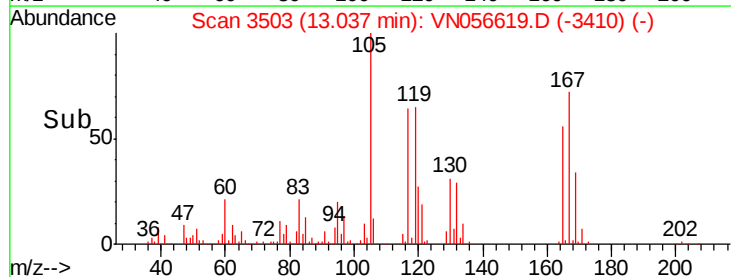
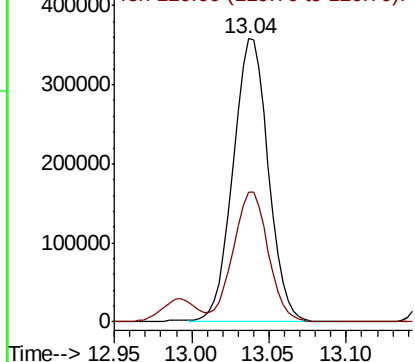


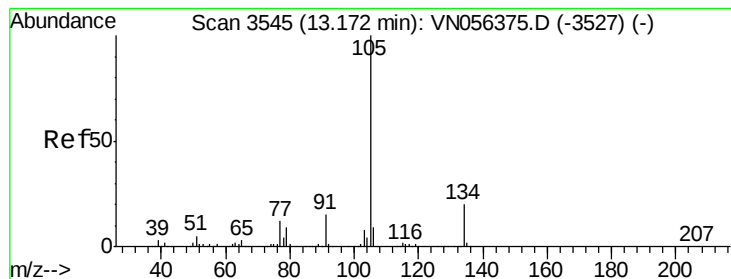
#84
 1,2,4-Trimethylbenzene
 Concen: 44.397 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

Tgt Ion:105 Resp: 565526
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 42.727 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

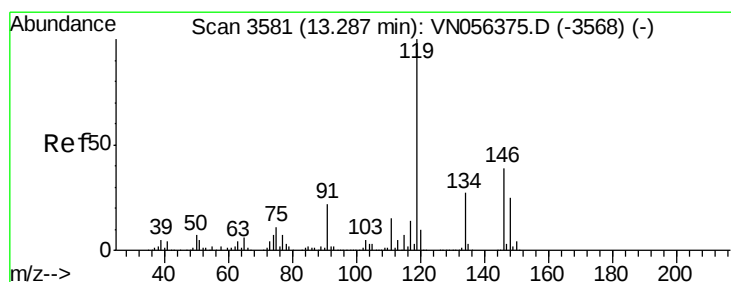
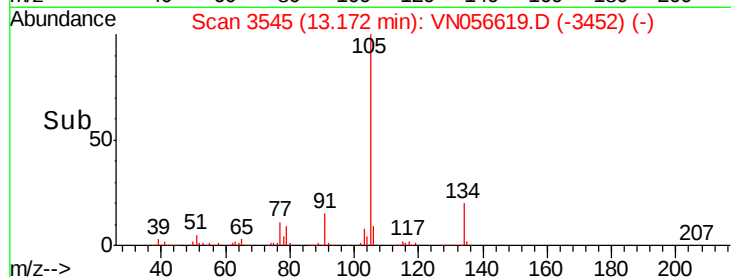
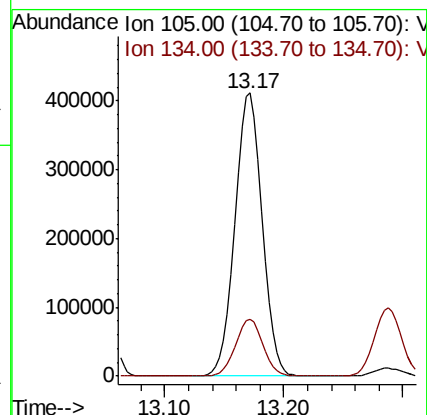
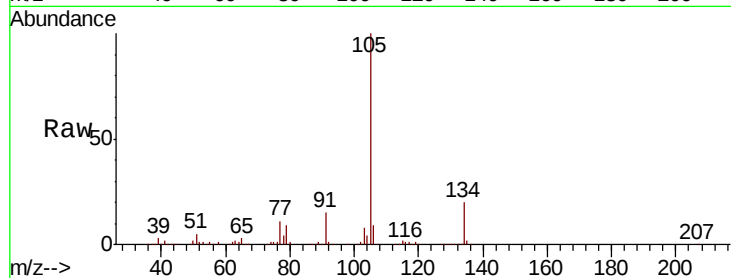
VSTDCCC050EC

Tot Ion:105 Resp: 650727

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 45.256 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

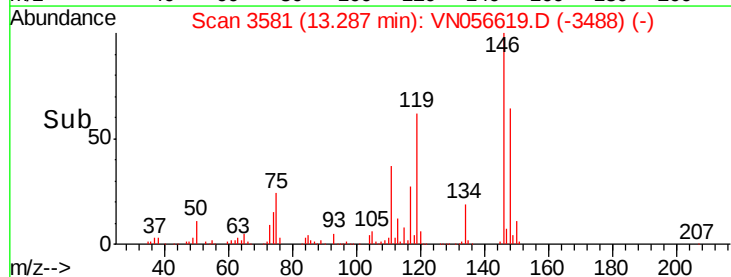
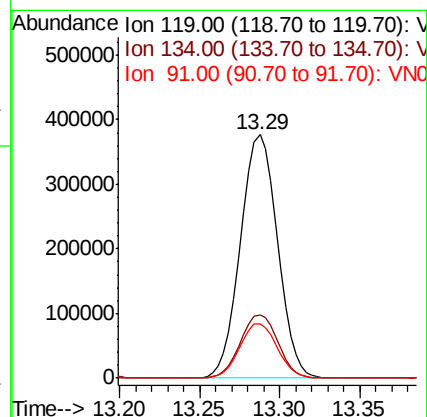
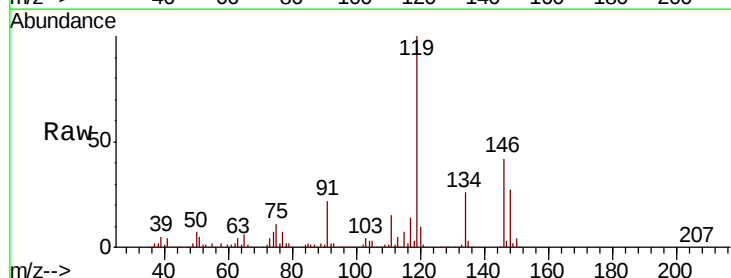
Tgt Ion:119 Resp: 591507

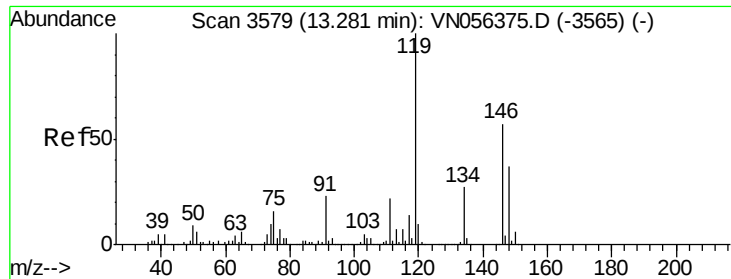
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 22.8 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 46.542 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

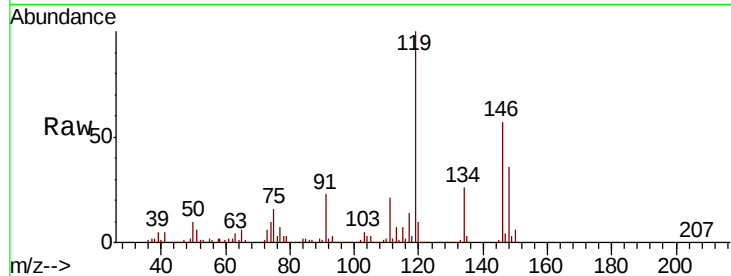
Tot Ion:146 Resp: 298412

Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.9

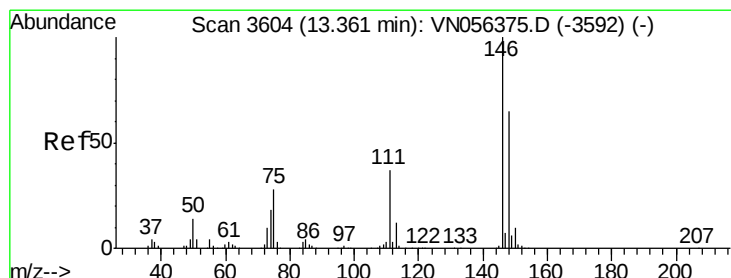
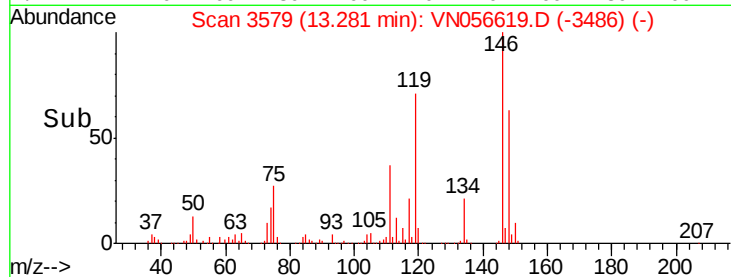
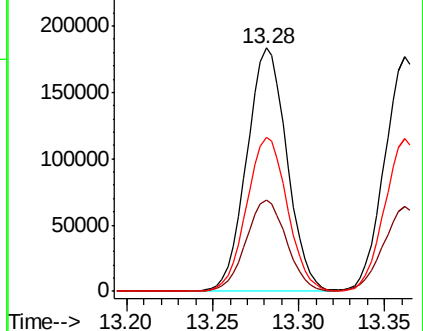
148 64.1 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.022 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

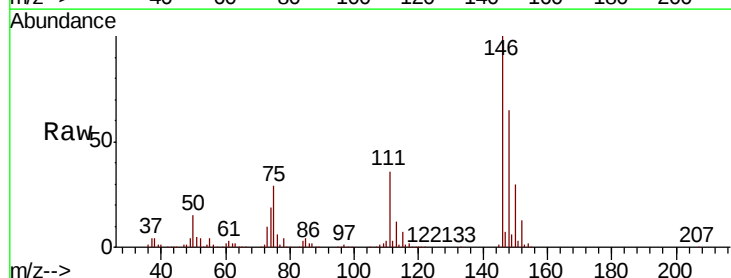
Tgt Ion:146 Resp: 291986

Ion Ratio Lower Upper

146 100

111 36.5 18.4 55.4

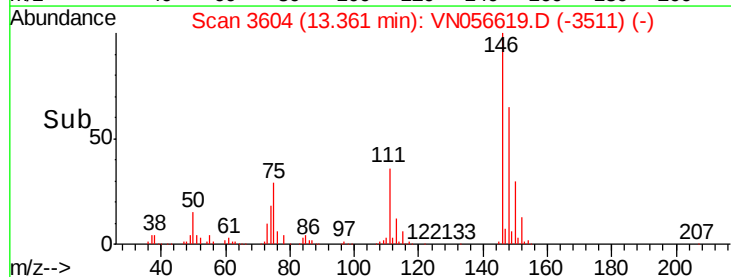
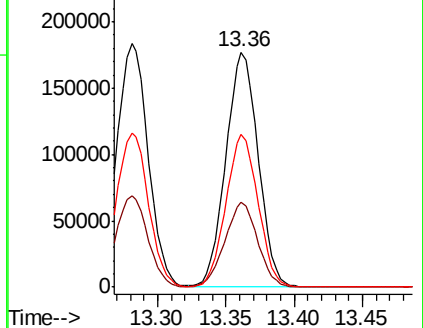
148 64.6 32.4 97.0

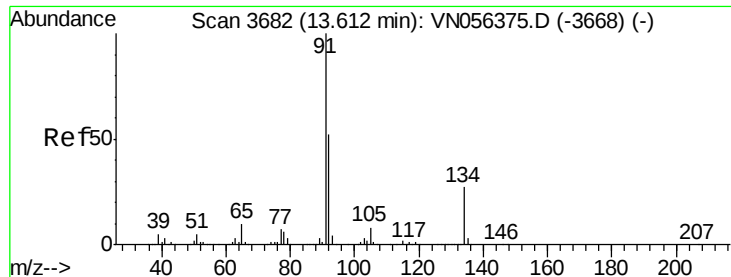


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

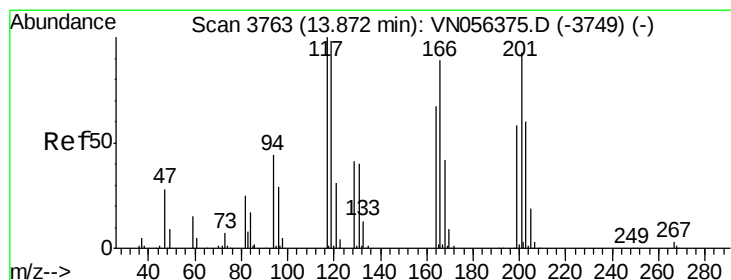
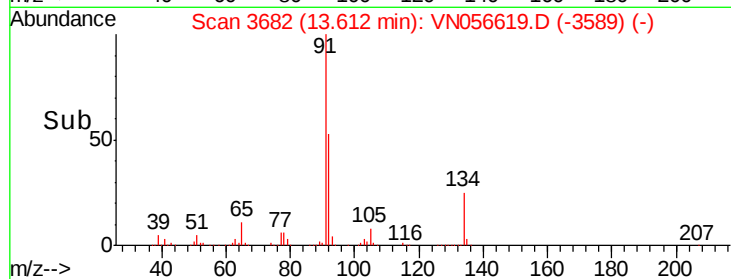
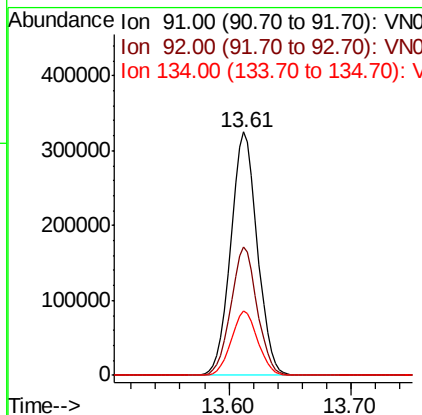
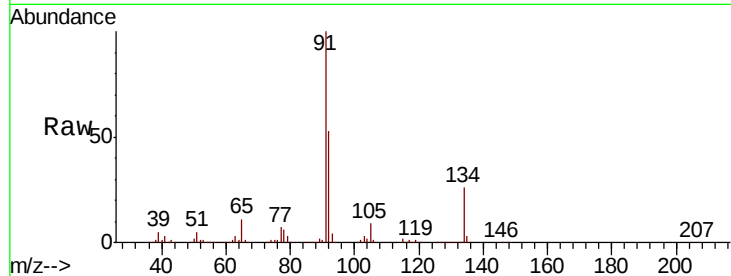




#89
n-Butylbenzene
Concen: 49.785 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

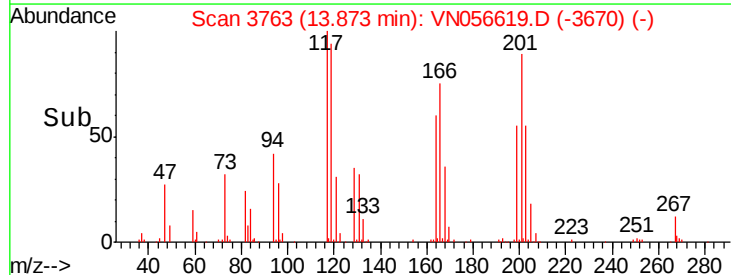
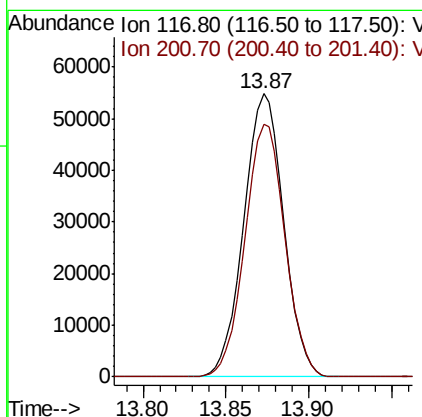
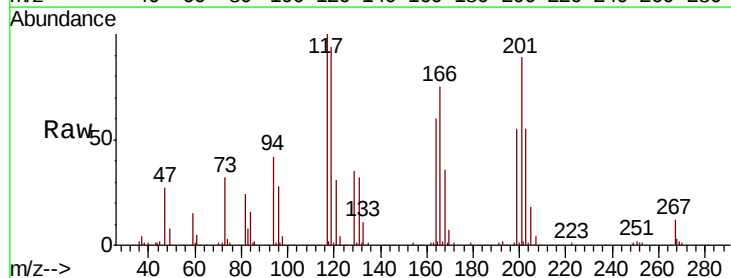
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

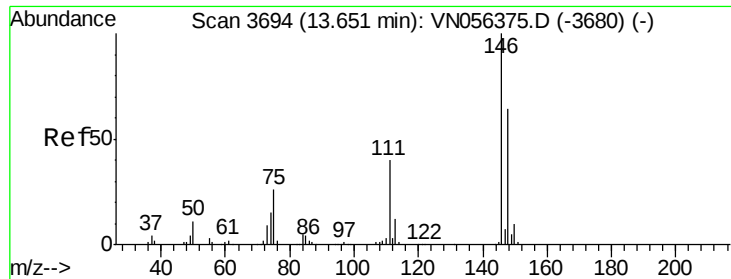
Tot Ion: 91 Resp: 492601
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 26.3 13.4 40.2



#90
Hexachloroethane
Concen: 45.138 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056619.D
Acq: 8 Jul 2019 19:01

Tgt Ion: 117 Resp: 91978
Ion Ratio Lower Upper
117 100
201 89.4 45.9 137.6





#91

1,2-Dichlorobenzene

Concen: 47.958 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

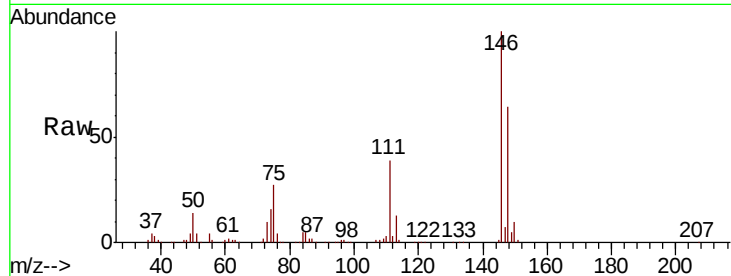
Tot Ion:146 Resp: 305073

Ion Ratio Lower Upper

146 100

111 39.3 19.3 57.9

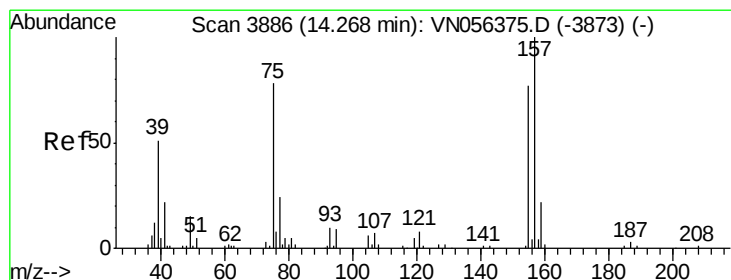
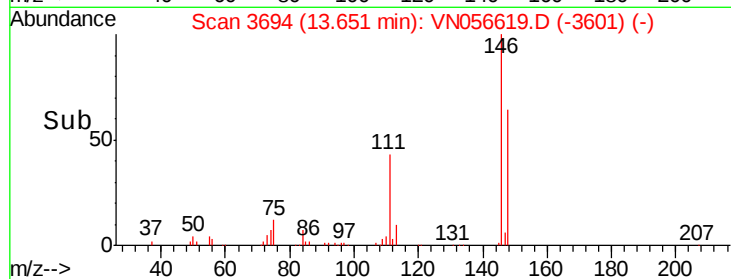
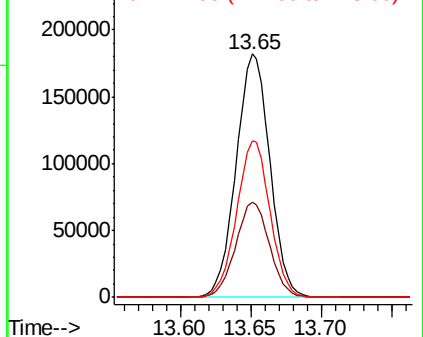
148 63.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.730 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

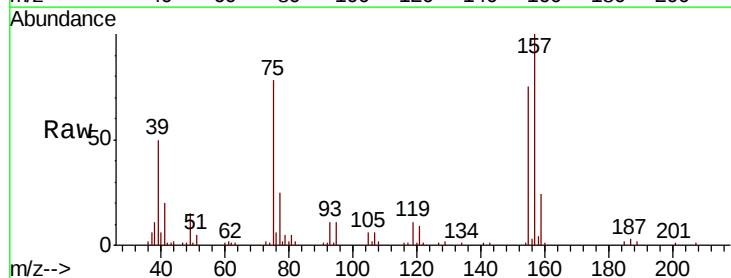
Tgt Ion: 75 Resp: 41818

Ion Ratio Lower Upper

75 100

155 95.0 48.9 146.8

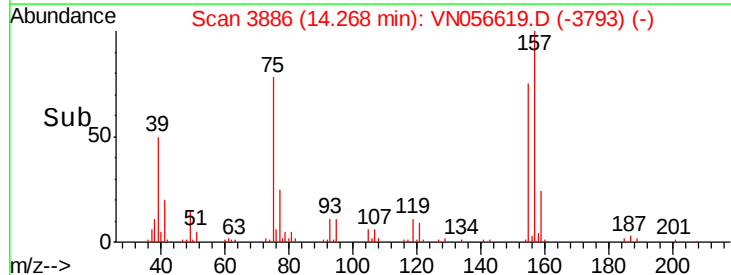
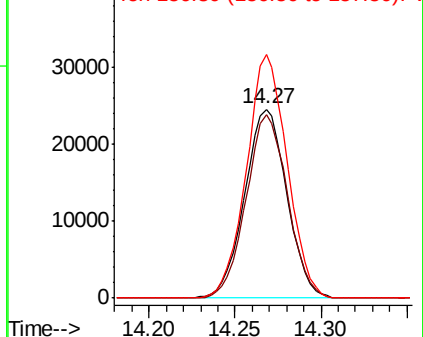
157 124.4 62.9 188.8

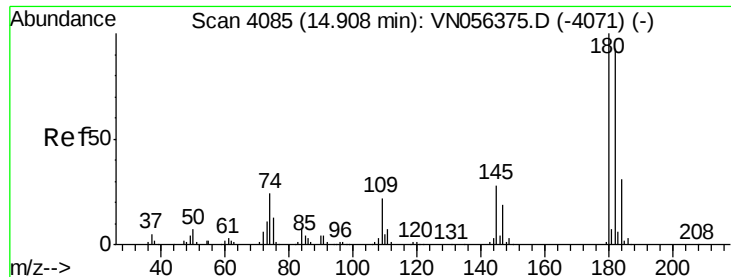


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

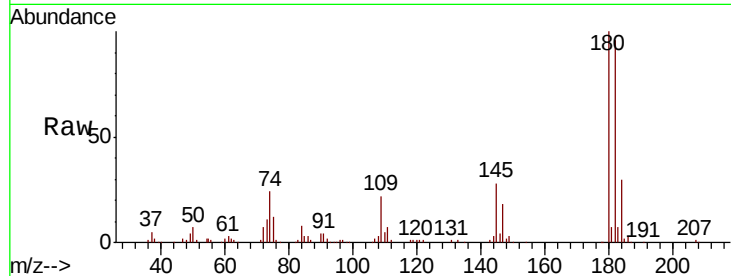




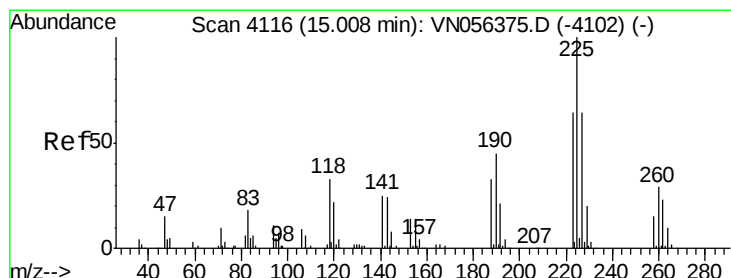
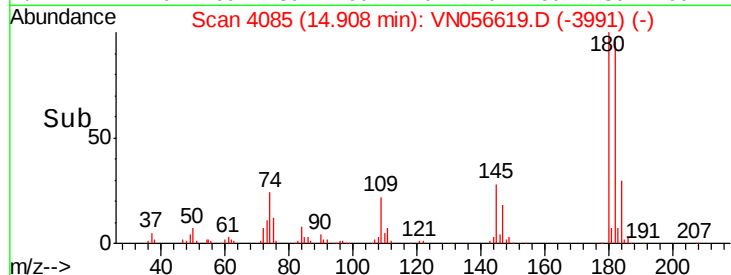
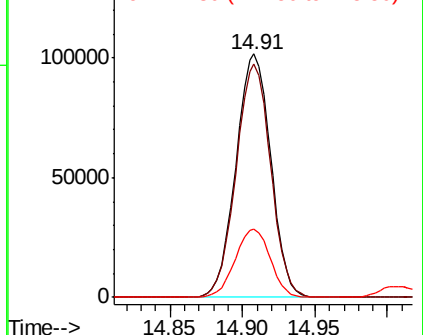
#93
 1,2,4-Trichlorobenzene
 Concen: 51.079 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 169663
 Ion Ratio Lower Upper
 180 100
 182 95.1 46.9 140.6
 145 28.3 14.4 43.0

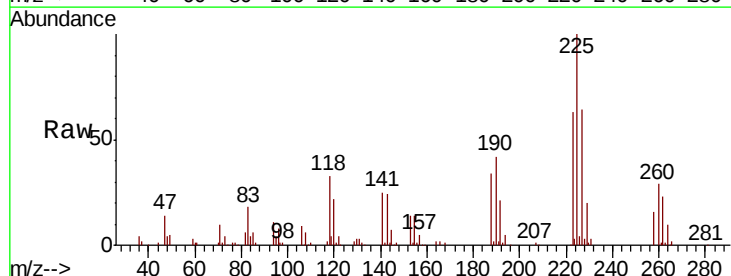


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

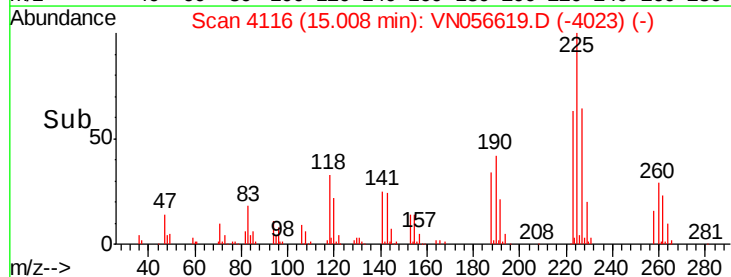
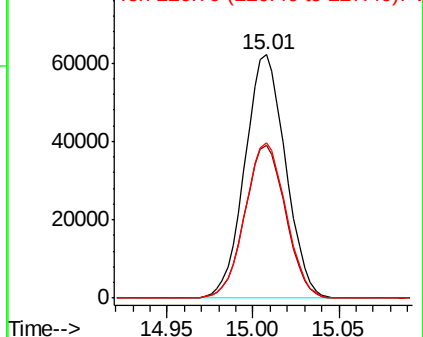


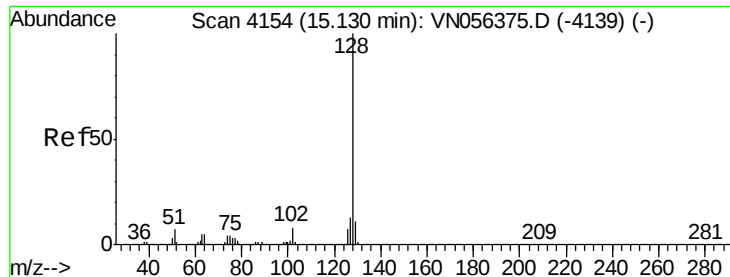
#94
 Hexachlorobutadiene
 Concen: 47.312 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056619.D
 Acq: 8 Jul 2019 19:01

Tgt Ion:225 Resp: 102211
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.4 94.3
 227 64.1 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 55.218 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

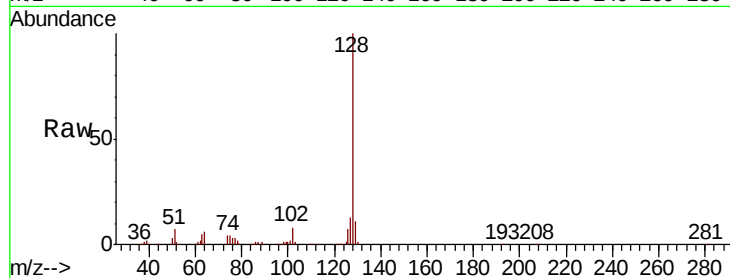
Tot Ion:128 Resp: 483358

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

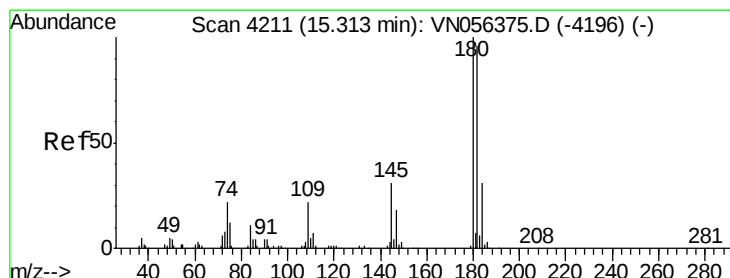
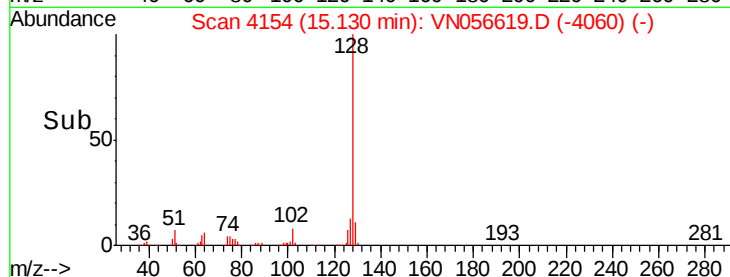
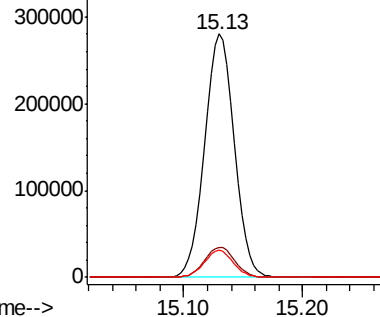
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.163 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056619.D

Acq: 8 Jul 2019 19:01

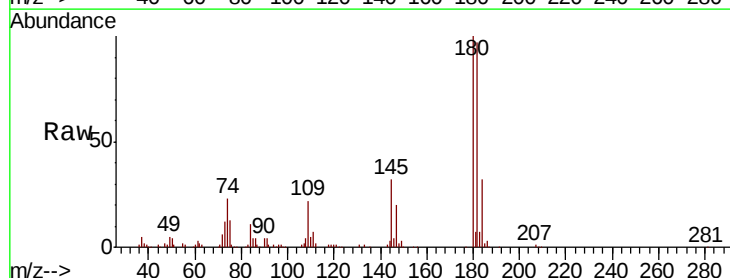
Tgt Ion:180 Resp: 176010

Ion Ratio Lower Upper

180 100

182 96.6 48.3 144.8

145 31.2 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

