

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056388.D
 Acq On : 20 Jun 2019 9:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 21 04:23:10 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	395636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	603186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	525903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	223482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	218381	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.59	113	191353	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.09	98	723362	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.40	95	245944	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	169224	50.514	ug/l	98
3) Chloromethane	2.06	50	212912	46.676	ug/l	100
4) Vinyl Chloride	2.19	62	214728	48.739	ug/l	99
5) Bromomethane	2.56	94	139221	53.903	ug/l	98
6) Chloroethane	2.70	64	126853	49.720	ug/l	99
7) Trichlorofluoromethane	3.01	101	287820	50.504	ug/l	99
8) Diethyl Ether	3.41	74	117353	48.656	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	181394	49.912	ug/l	100
10) Methyl Iodide	3.95	142	245894	50.060	ug/l	100
11) Tert butyl alcohol	4.79	59	174712	236.569	ug/l	98
12) 1,1-Dichloroethene	3.73	96	173813	49.732	ug/l	96
13) Acrolein	3.60	56	145123	233.151	ug/l	100
14) Allyl chloride	4.32	41	299920	51.551	ug/l	99
15) Acrylonitrile	4.99	53	536339	262.509	ug/l	99
16) Acetone	3.82	43	605107	275.439	ug/l	100
17) Carbon Disulfide	4.05	76	413588	52.028	ug/l	100
18) Methyl Acetate	4.32	43	221807	51.577	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	585469	50.625	ug/l	100
20) Methylene Chloride	4.55	84	202168	48.795	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	187822	49.845	ug/l	96
22) Diisopropyl ether	5.95	45	607336	49.707	ug/l	98
23) Vinyl Acetate	5.89	43	2663883	276.423	ug/l	100
24) 1,1-Dichloroethane	5.85	63	348426	49.678	ug/l	100
25) 2-Butanone	6.83	43	790870	272.002	ug/l	98
26) 2,2-Dichloropropane	6.82	77	260086	53.317	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	221593	50.265	ug/l	99
28) Bromochloromethane	7.19	49	172786	49.806	ug/l	99
29) Tetrahydrofuran	7.21	42	484523	272.688	ug/l	99
30) Chloroform	7.37	83	342996	49.560	ug/l	98
31) Cyclohexane	7.65	56	320135	47.279	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	283899	51.752	ug/l	100
36) 1,1-Dichloropropene	7.79	75	260317	49.032	ug/l	99
37) Ethyl Acetate	6.93	43	291361	55.843	ug/l	99
38) Carbon Tetrachloride	7.77	117	243600	52.469	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	327901	50.053	ug/l	100
40) Benzene	8.04	78	800033	48.989	ug/l	99
41) Methacrylonitrile	7.21	41	417180	181.074	ug/l #	12
42) 1,2-Dichloroethane	8.12	62	261493	48.519	ug/l	100
43) Isopropyl Acetate	8.16	43	441360	54.860	ug/l	99
44) Trichloroethene	8.83	130	212672	48.344	ug/l	97
45) 1,2-Dichloropropane	9.12	63	214970	49.221	ug/l	100
46) Dibromomethane	9.21	93	138884	50.828	ug/l	100
47) Bromodichloromethane	9.40	83	260584	53.771	ug/l	99
48) Methyl methacrylate	9.20	41	211081	52.356	ug/l	98
49) 1,4-Dioxane	9.20	88	60906	727.974	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1416954	272.875	ug/l	100
52) Toluene	10.15	92	490069	49.084	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	274718	48.748	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	319977	54.829	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	204933	51.064	ug/l	98
56) Ethyl methacrylate	10.43	69	315458	53.786	ug/l	99
57) 1,3-Dichloropropane	10.71	76	340884	50.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	549605	260.841	ug/l	100
59) 2-Hexanone	10.75	43	1028893	269.594	ug/l	99
60) Dibromochloromethane	10.90	129	204102	49.503	ug/l	99
61) 1,2-Dibromoethane	11.00	107	210793	51.426	ug/l	100
64) Tetrachloroethene	10.63	164	198312	47.617	ug/l	98
65) Chlorobenzene	11.43	112	525379	49.717	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	194175	54.368	ug/l	100
67) Ethyl Benzene	11.51	91	927924	50.010	ug/l	100
68) m/p-Xylenes	11.62	106	694810	102.180	ug/l	99
69) o-Xylene	11.95	106	337840	50.219	ug/l	99
70) Styrene	11.96	104	562534	52.313	ug/l	99
71) Bromoform	12.13	173	147231	51.031	ug/l #	99
73) Isopropylbenzene	12.25	105	904457	54.103	ug/l	99
74) N-amyl acetate	12.07	43	344037	48.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	293395	56.883	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	344035	74.242	ug/l #	100
77) Bromobenzene	12.53	156	231413	46.310	ug/l	97
78) n-propylbenzene	12.59	91	987850	48.269	ug/l	100
79) 2-Chlorotoluene	12.67	91	593073	53.001	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	743155	52.973	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	75474	57.887	ug/l	94
82) 4-Chlorotoluene	12.77	91	575215	47.602	ug/l	100
83) tert-Butylbenzene	12.99	119	650132	53.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	730226	48.537	ug/l	100
85) sec-Butylbenzene	13.17	105	850898	47.304	ug/l	100
86) p-Isopropyltoluene	13.29	119	758211	49.115	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	375320	49.561	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	363468	49.558	ug/l	99
89) n-Butylbenzene	13.61	91	604108	51.693	ug/l	100
90) Hexachloroethane	13.87	117	123472	51.302	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	373863	49.760	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46840	56.645	ug/l	99

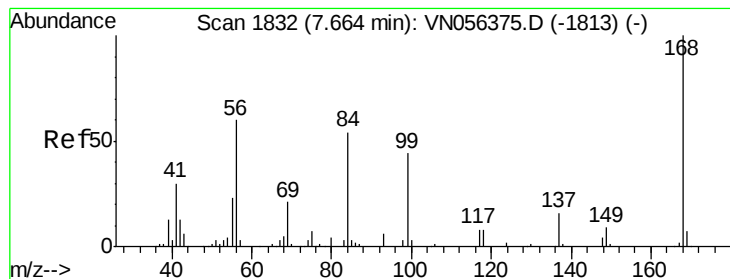
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	171232	44.464	ug/l	97
94) Hexachlorobutadiene	15.01	225	131455	51.692	ug/l	100
95) Naphthalene	15.13	128	451686	44.783	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	186647	46.393	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

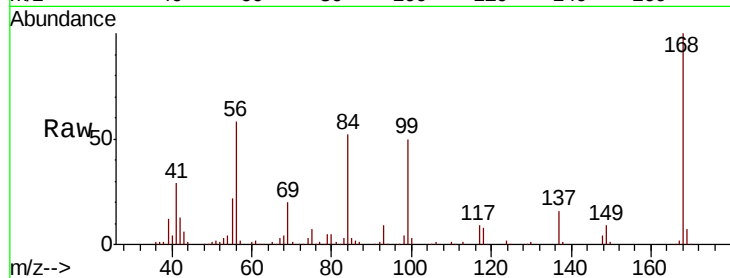
VSTDCCC050

Tot Ion:168 Resp: 395636

Ion Ratio Lower Upper

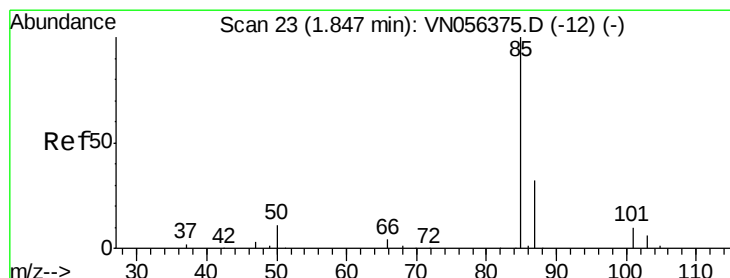
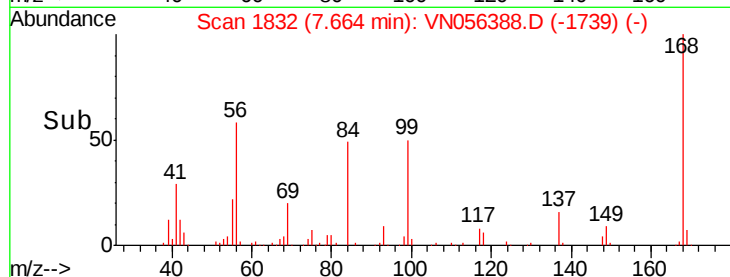
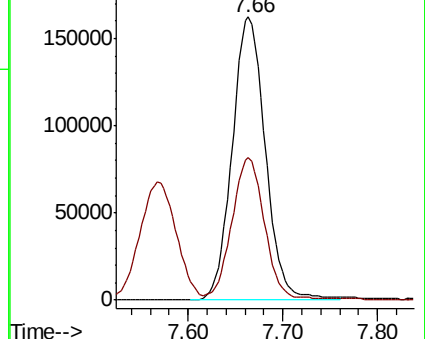
168 100

99 49.8 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: 50.514 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056388.D

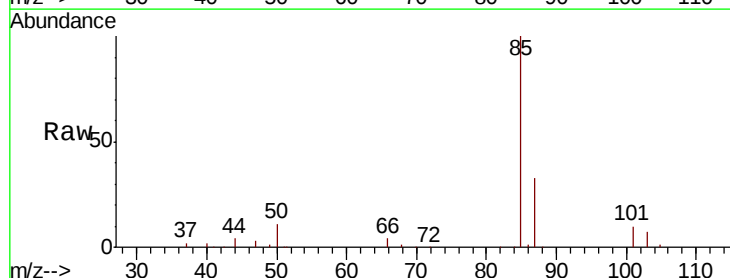
Acq: 20 Jun 2019 9:25

Tgt Ion: 85 Resp: 169224

Ion Ratio Lower Upper

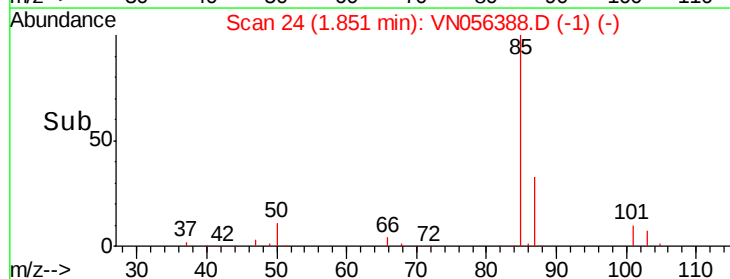
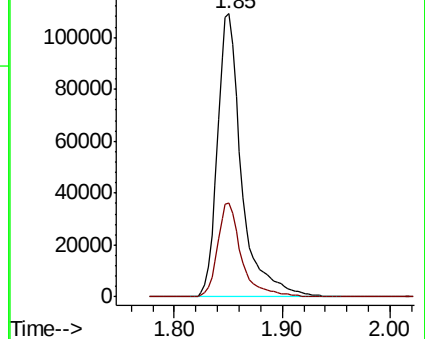
85 100

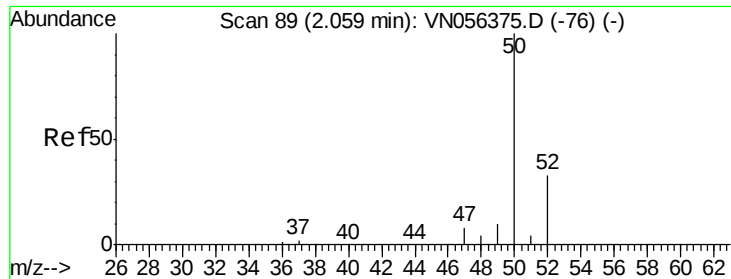
87 33.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

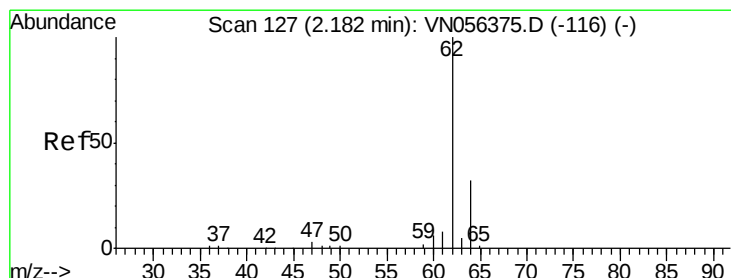
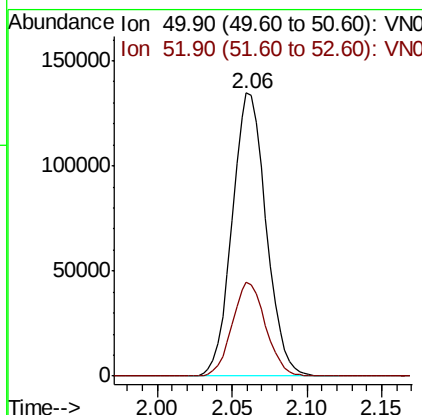
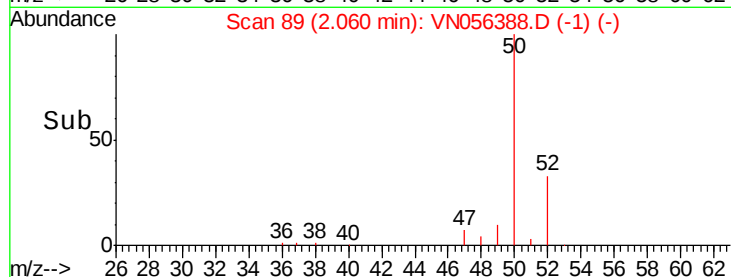
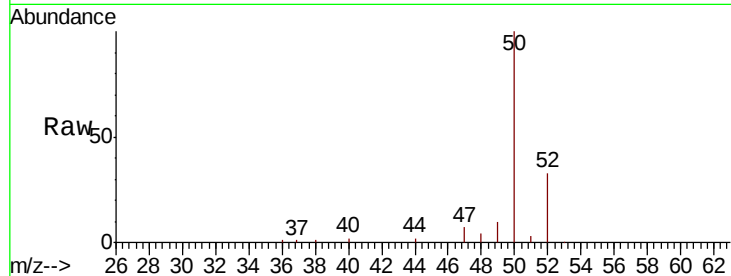




#3
 Chloromethane
 Concen: 46.676 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

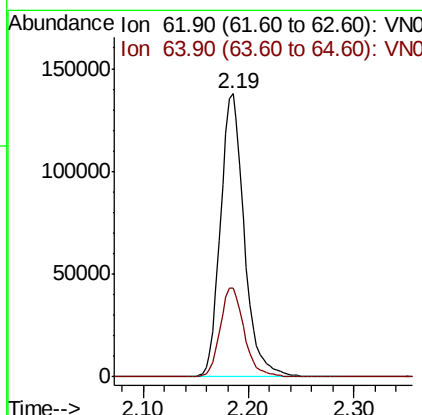
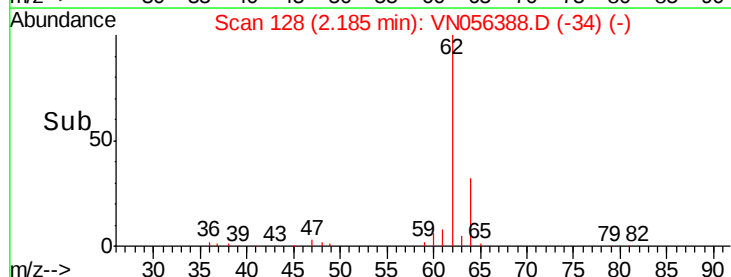
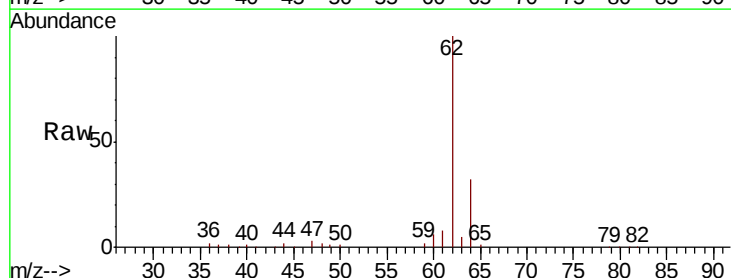
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 50 Resp: 212912
 Ion Ratio Lower Upper
 50 100
 52 33.1 26.5 39.7



#4
 Vinyl Chloride
 Concen: 48.739 ug/l
 RT: 2.19 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion: 62 Resp: 214728
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.7 38.5





#5

Bromomethane

Concen: 53.903 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.04 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

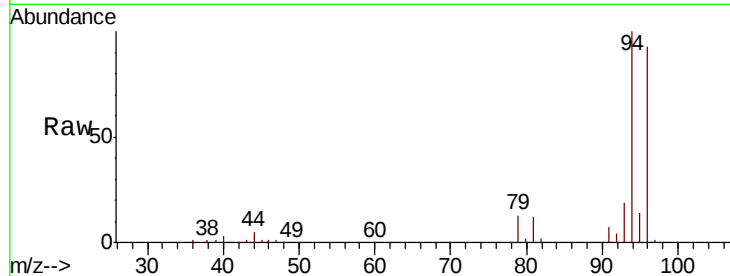
VSTDCCC050

Tot Ion: 94 Resp: 139221

Ion Ratio Lower Upper

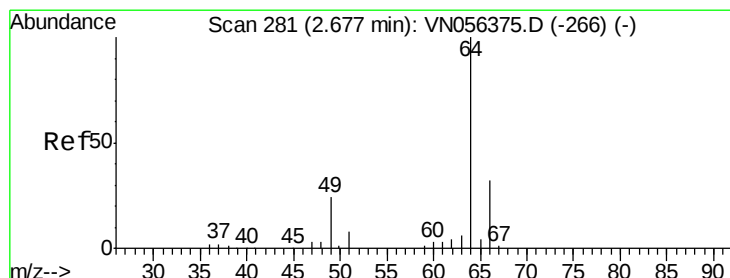
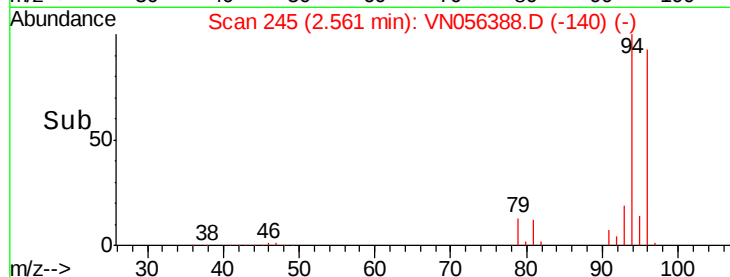
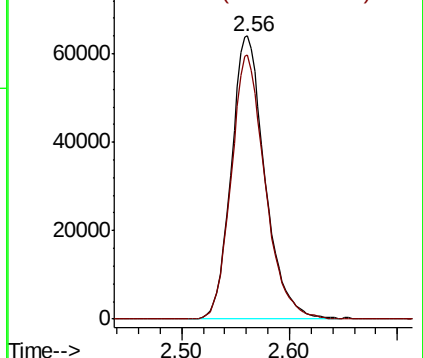
94 100

96 93.3 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: 49.720 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.02 min

Lab File: VN056388.D

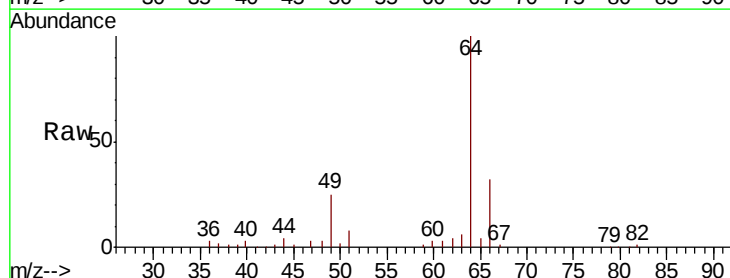
Acq: 20 Jun 2019 9:25

Tgt Ion: 64 Resp: 126853

Ion Ratio Lower Upper

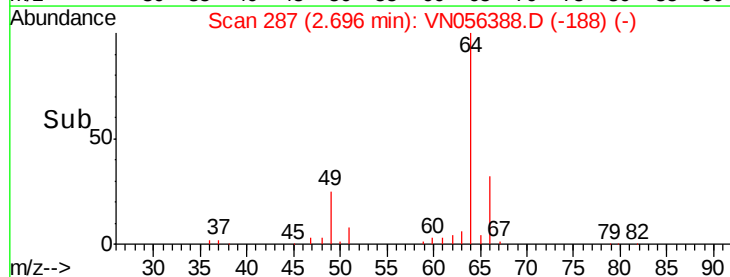
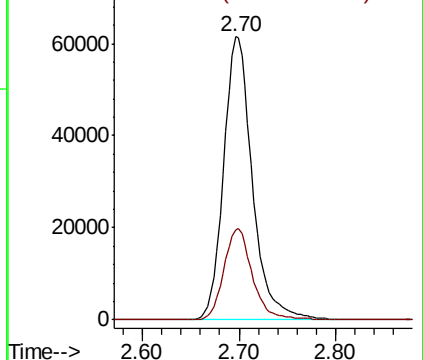
64 100

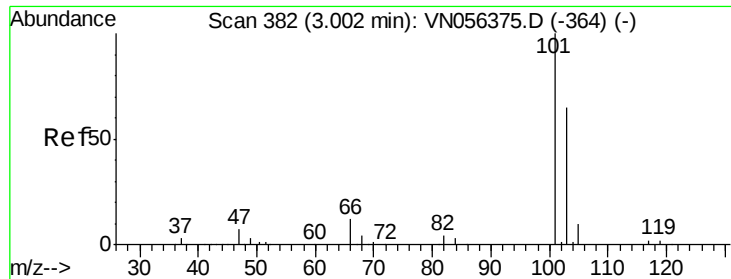
66 32.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



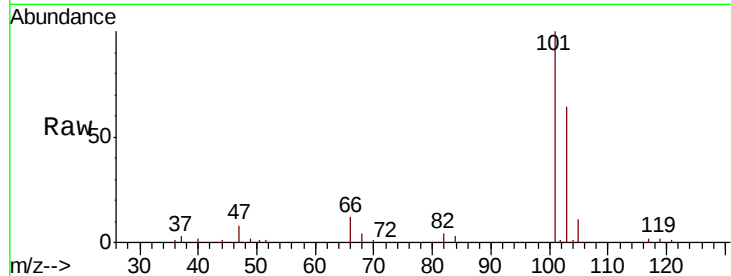


#7

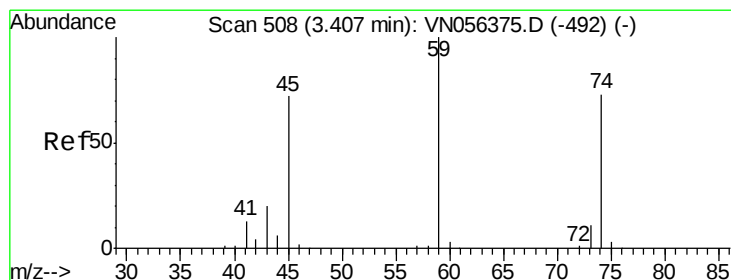
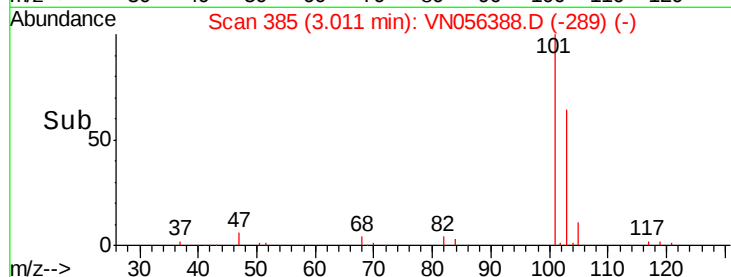
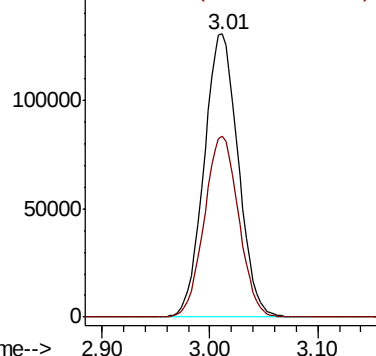
Trichlorofluoromethane
Concen: 50.504 ug/l
RT: 3.01 min Scan# 385
Delta R.T. 0.01 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Instrument :
MSVOA_N
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VSTDCCC050

Tot Ion:101 Resp: 287820
Ion Ratio Lower Upper
101 100
103 63.9 51.7 77.5



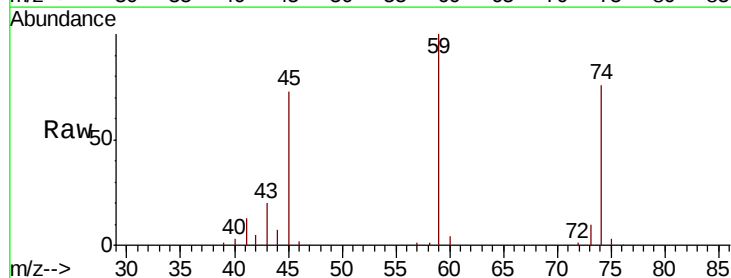
Abundance Ion 100.90 (100.60 to 101.60): V
150000 Ion 102.80 (102.50 to 103.50): V



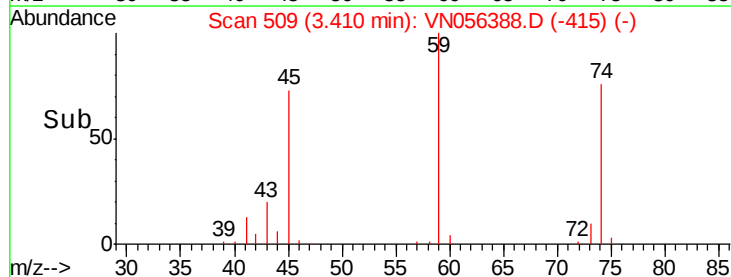
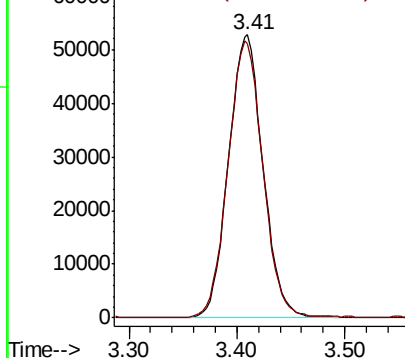
#8

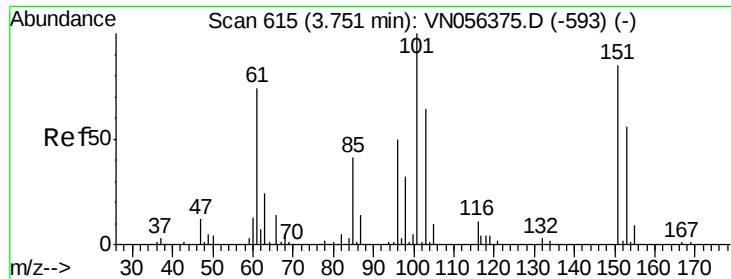
Diethyl Ether
Concen: 48.656 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 74 Resp: 117353
Ion Ratio Lower Upper
74 100
45 99.1 48.9 146.6



Abundance Ion 74.00 (73.70 to 74.70): VNO
60000 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.912 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

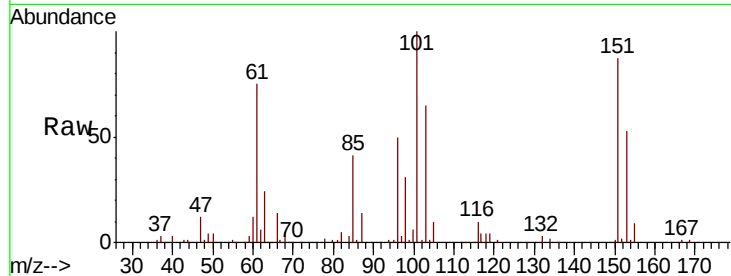
Tot Ion:101 Resp: 181394

Ion Ratio Lower Upper

101 100

85 41.0 32.7 49.1

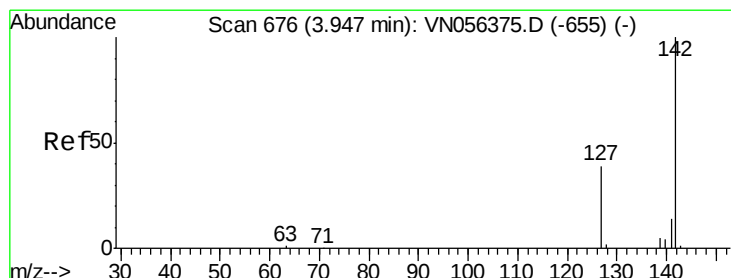
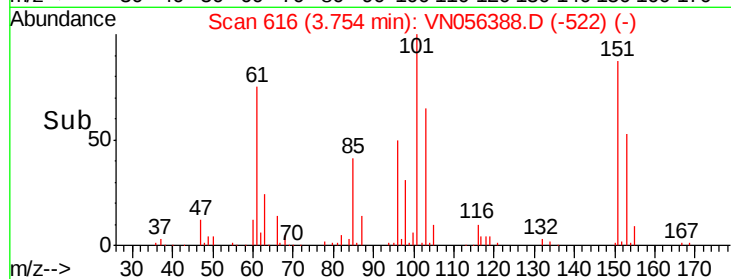
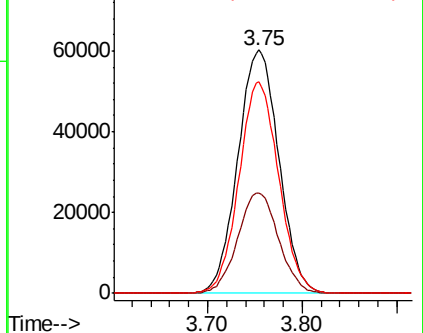
151 84.0 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.060 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

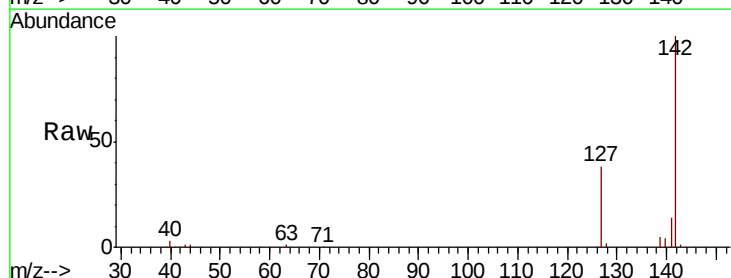
Tgt Ion:142 Resp: 245894

Ion Ratio Lower Upper

142 100

127 38.4 30.6 46.0

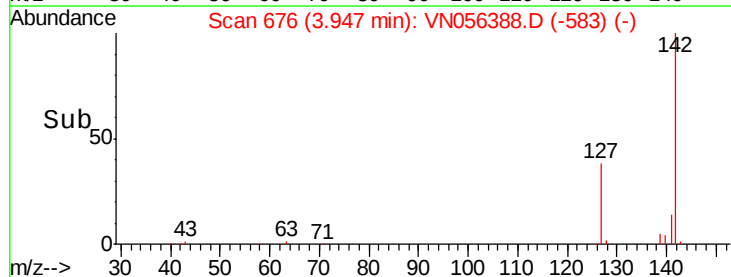
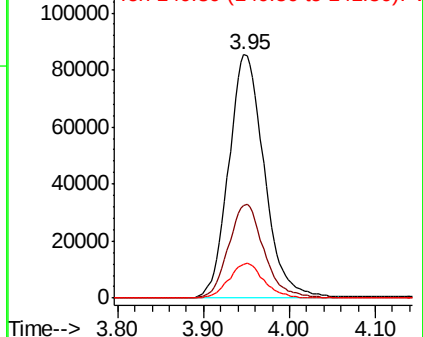
141 14.0 11.4 17.2

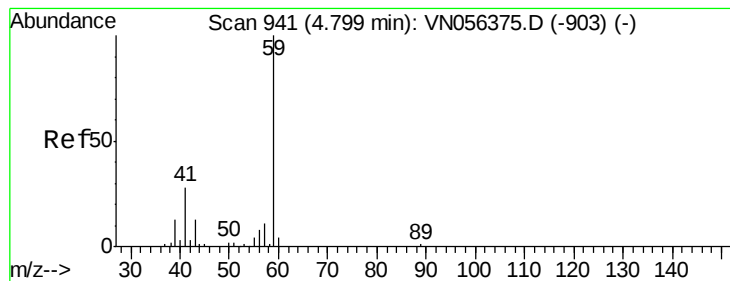


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



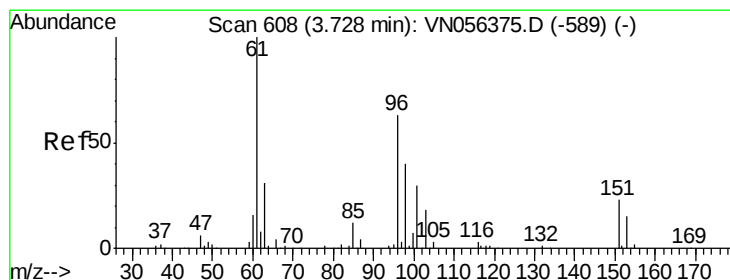
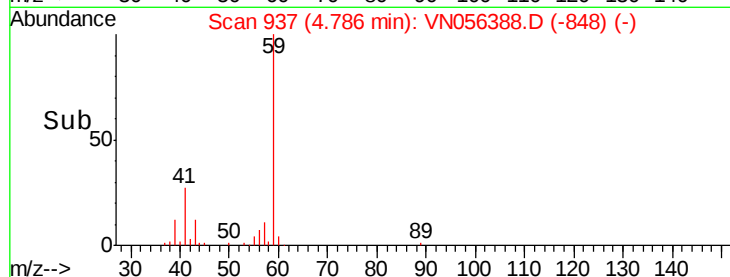
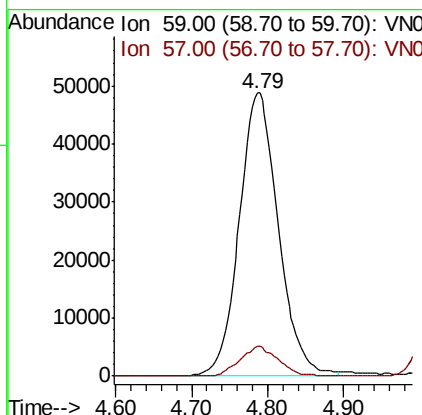
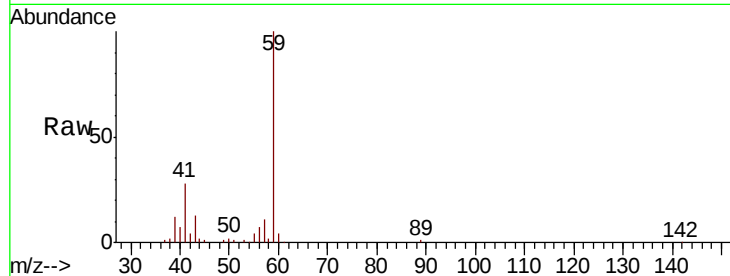


#11

Tert butyl alcohol
 Concen: 236.569 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

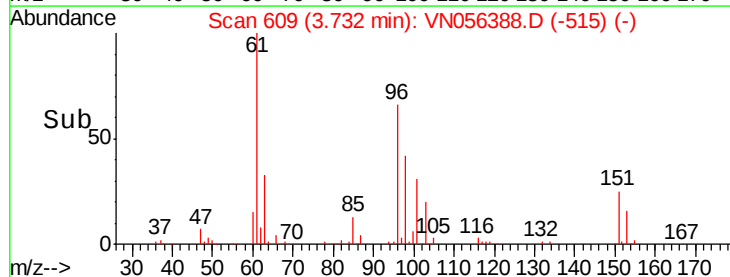
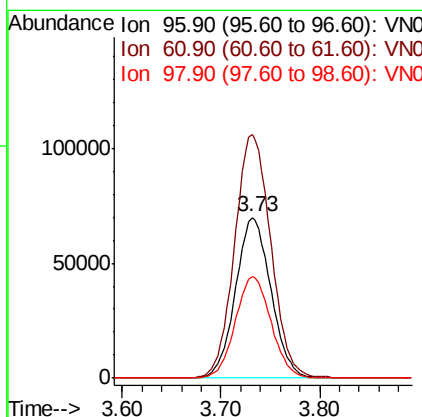
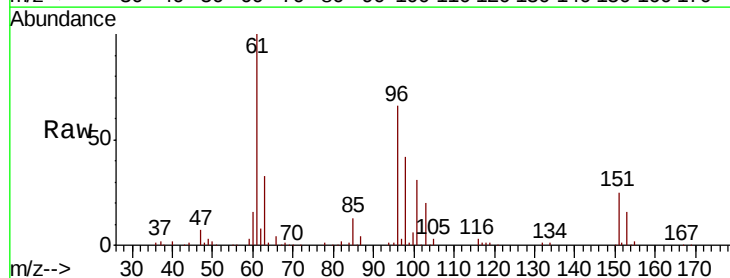
Tot Ion: 59 Resp: 174712
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.6 11.4

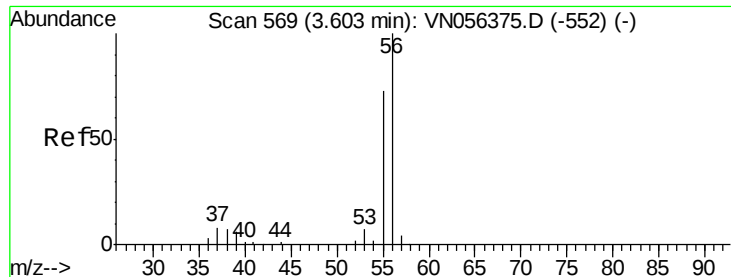


#12

1,1-Dichloroethene
 Concen: 49.732 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion: 96 Resp: 173813
 Ion Ratio Lower Upper
 96 100
 61 151.6 126.6 190.0
 98 63.3 51.1 76.7





#13

Acrolein

Concen: 233.151 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

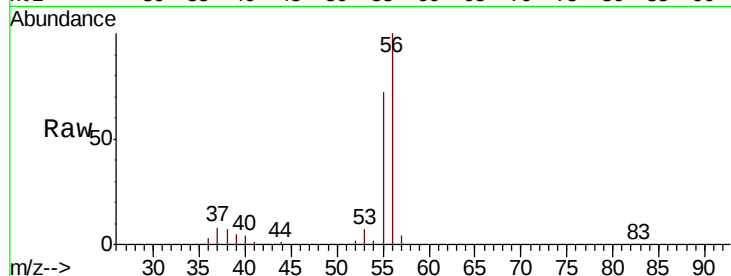
VSTDCCC050

Tot Ion: 56 Resp: 145123

Ion Ratio Lower Upper

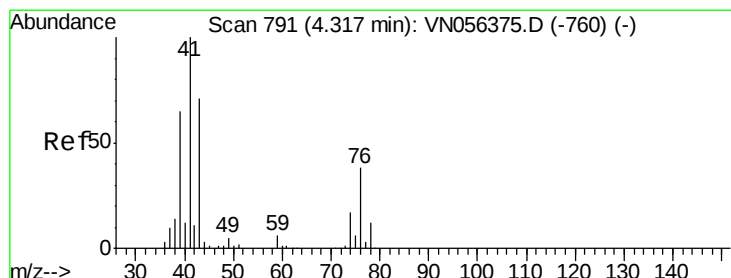
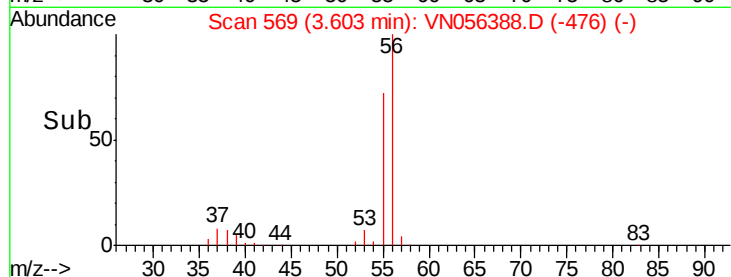
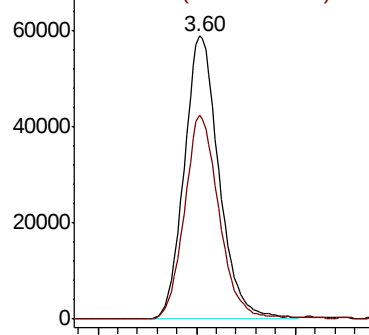
56 100

55 71.4 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: 51.551 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

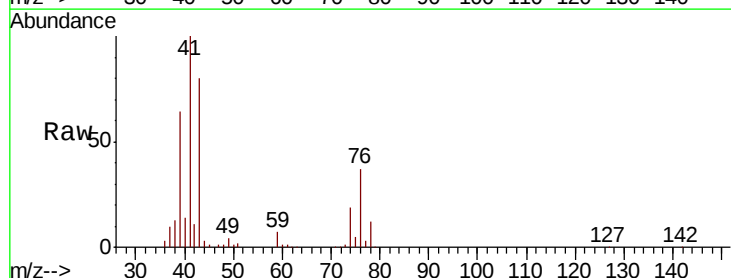
Tgt Ion: 41 Resp: 299920

Ion Ratio Lower Upper

41 100

39 61.0 48.6 73.0

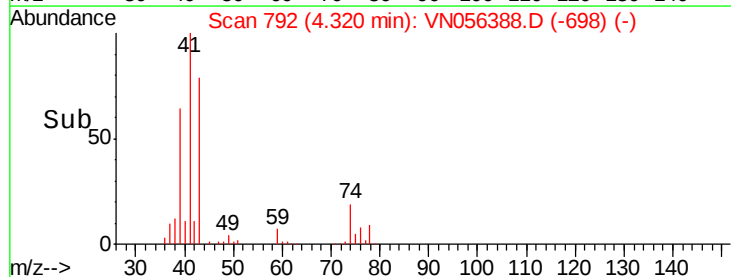
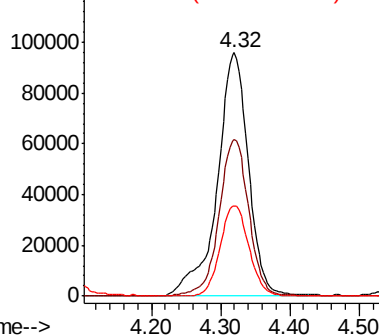
76 34.1 26.6 40.0

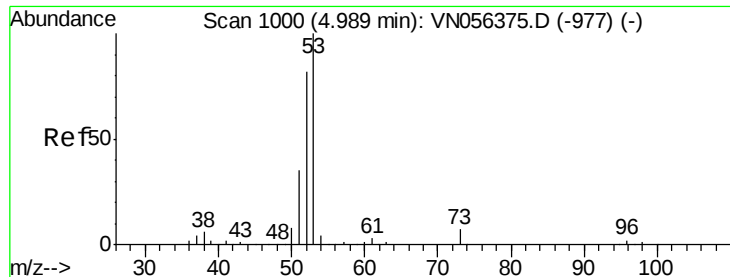


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



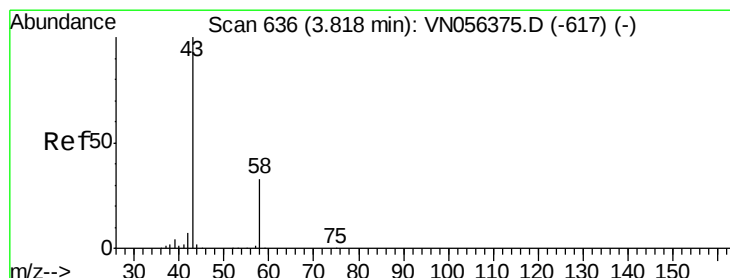
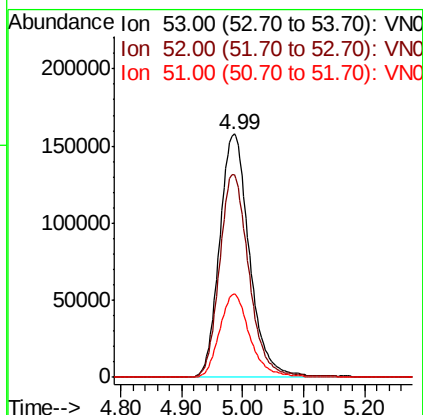
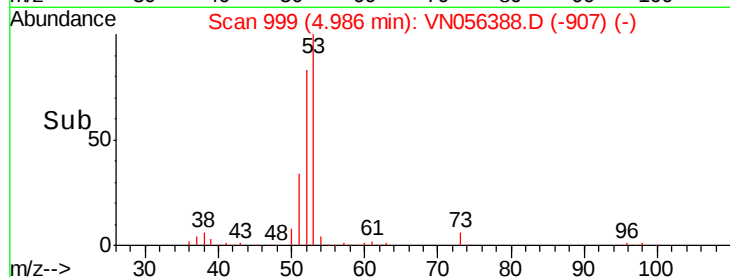
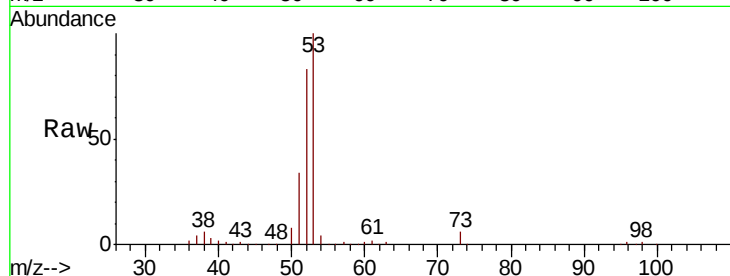


#15
 Acrylonitrile
 Concen: 262.509 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 53 Resp: 536339

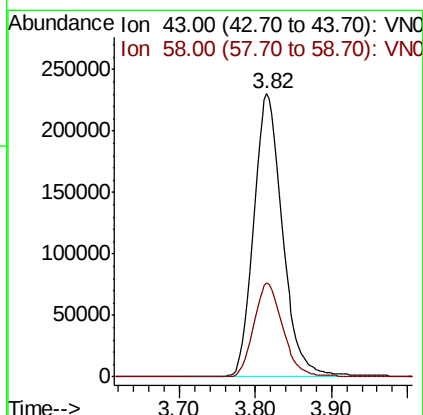
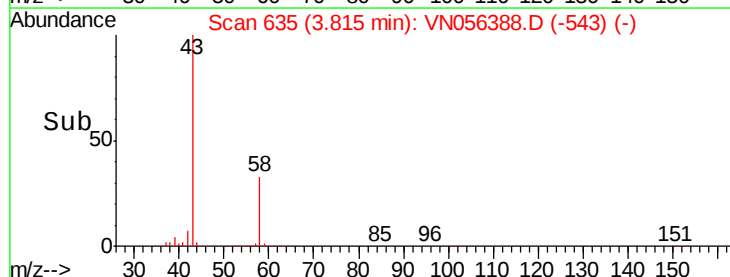
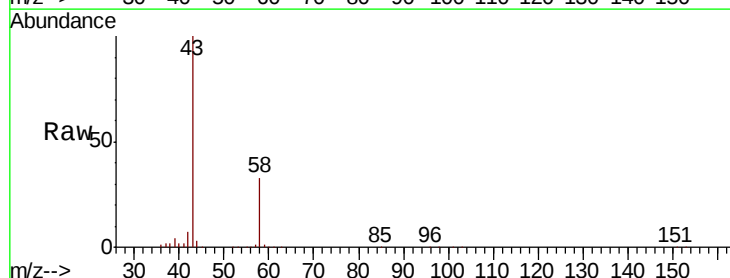
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.9	98.9
51	34.8	28.3	42.5

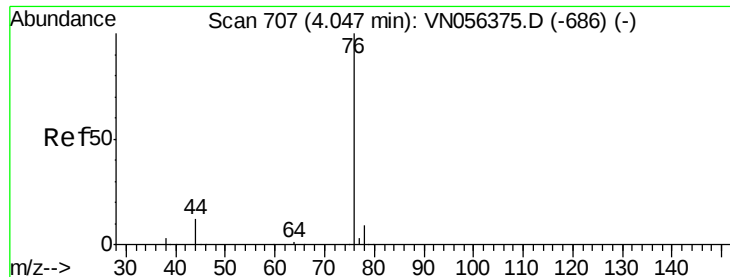


#16
 Acetone
 Concen: 275.439 ug/l
 RT: 3.82 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion: 43 Resp: 605107

Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.4	39.6

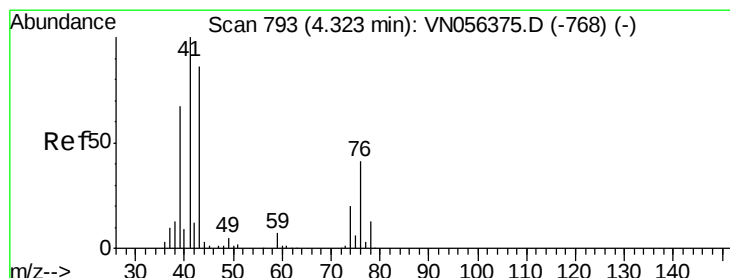
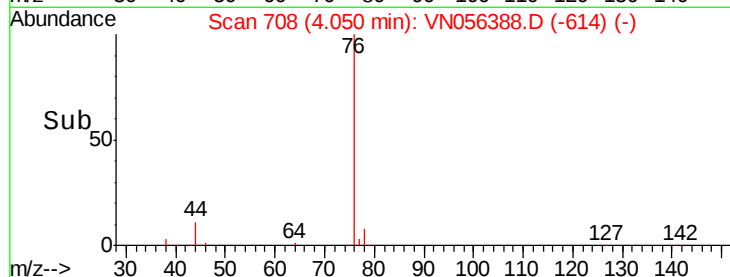
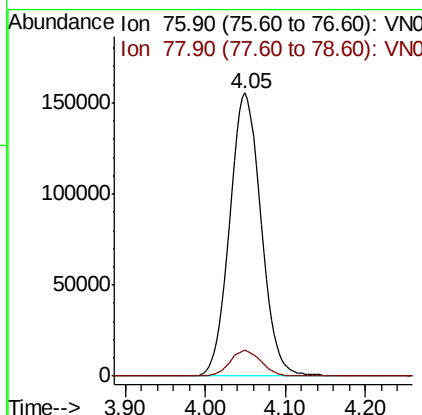
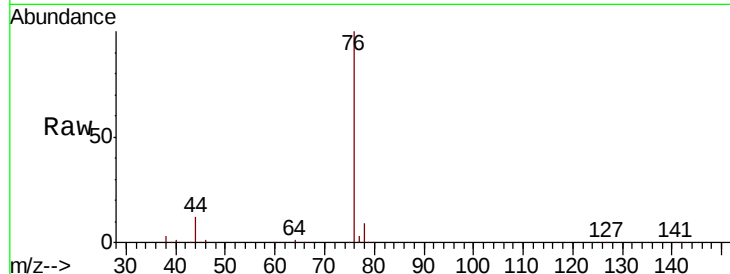




#17
Carbon Disulfide
Concen: 52.028 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

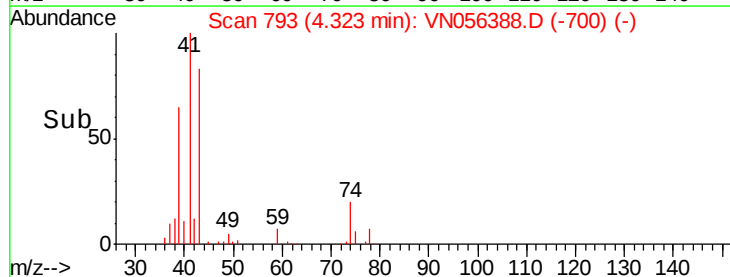
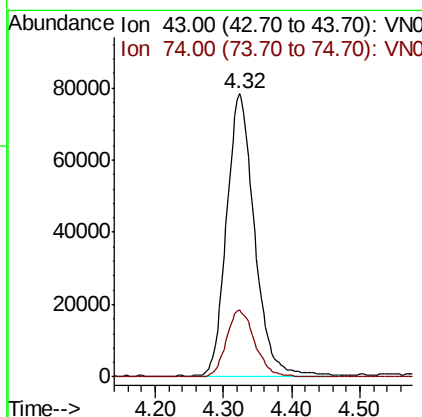
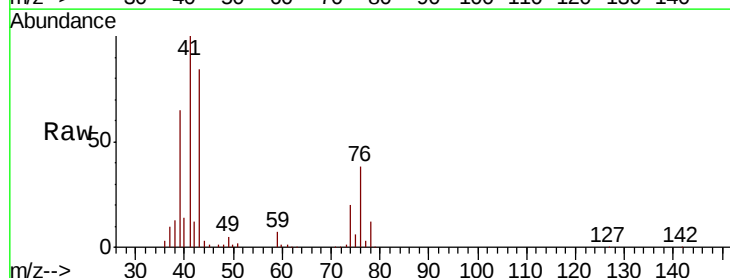
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

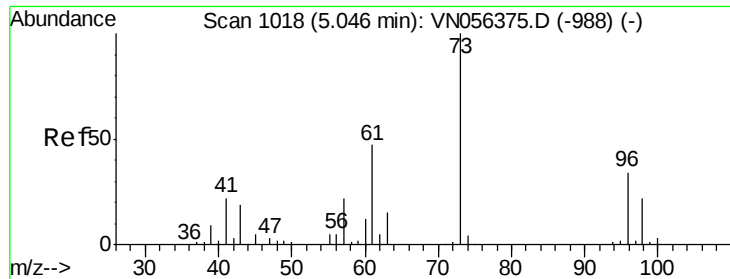
Tot Ion: 76 Resp: 413588
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 51.577 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 43 Resp: 221807
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8

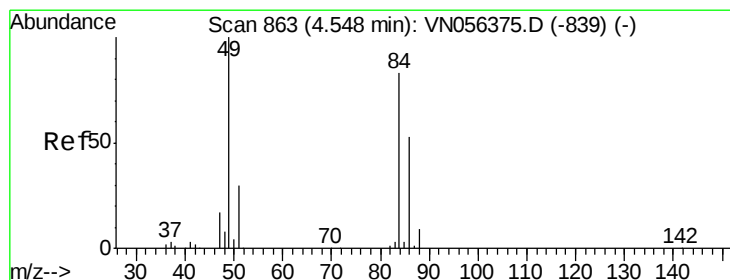
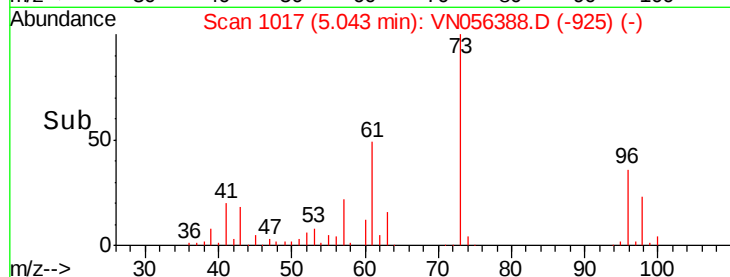
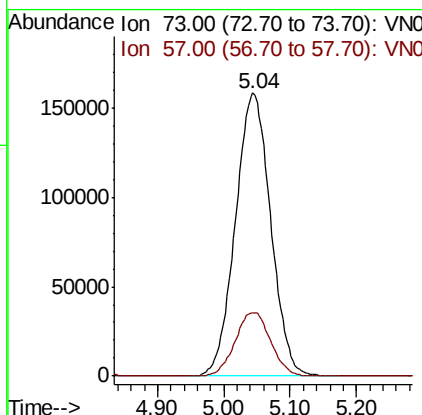
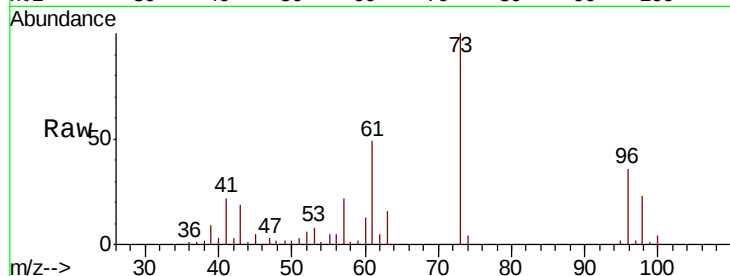




#19
Methyl tert-butyl Ether
Concen: 50.625 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

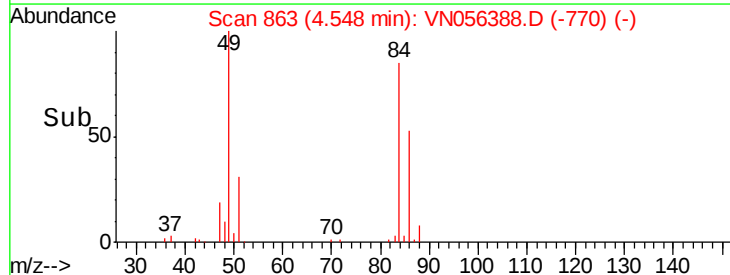
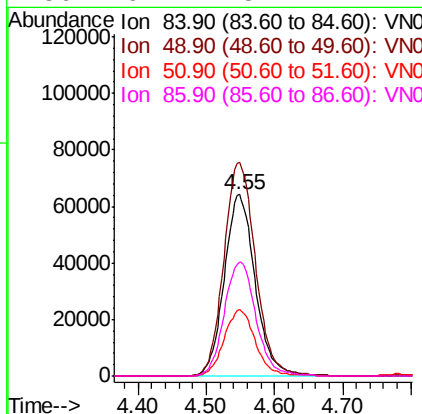
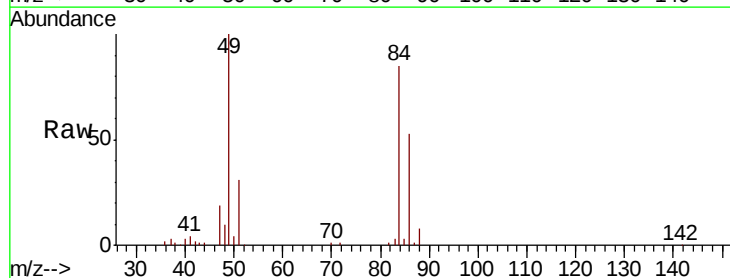
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

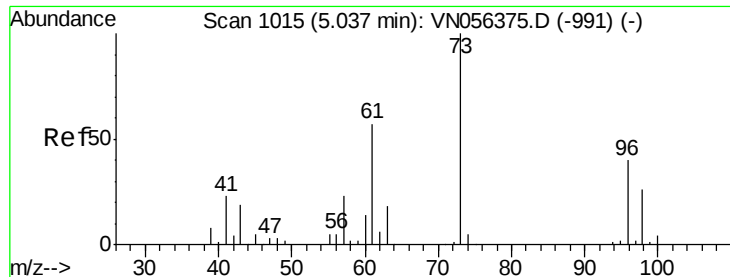
Tot Ion: 73 Resp: 585469
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 48.795 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 84 Resp: 202168
Ion Ratio Lower Upper
84 100
49 117.7 96.4 144.6
51 36.7 28.6 43.0
86 62.7 51.4 77.2

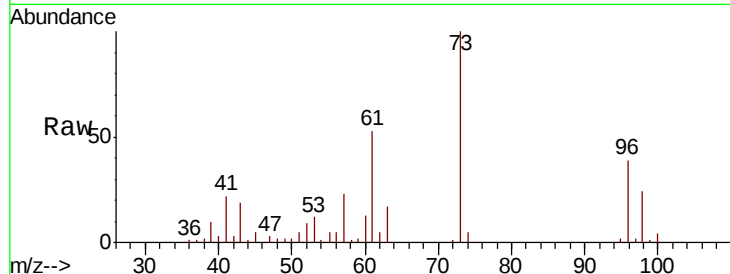




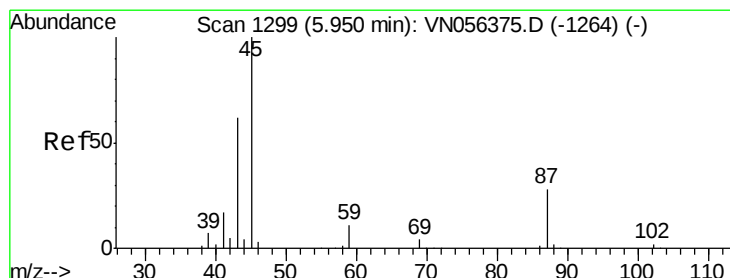
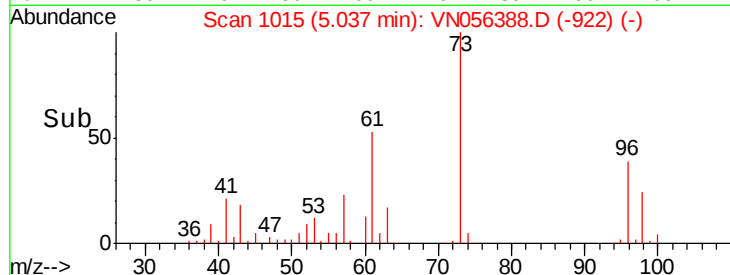
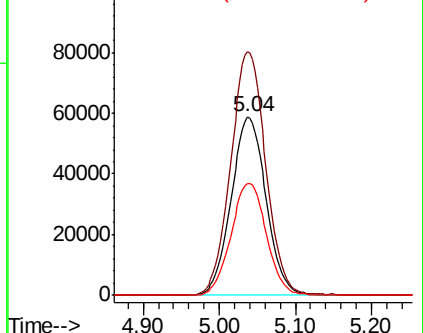
#21
trans-1,2-Dichloroethene
Concen: 49.845 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 96 Resp: 187822
Ion Ratio Lower Upper
96 100
61 136.4 113.0 169.6
98 62.3 52.2 78.2

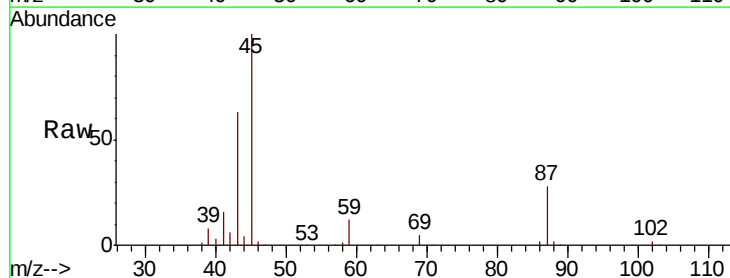


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

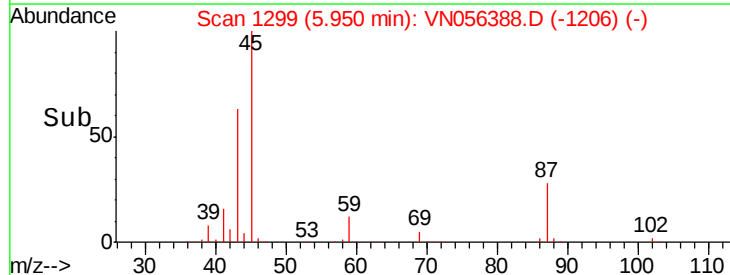
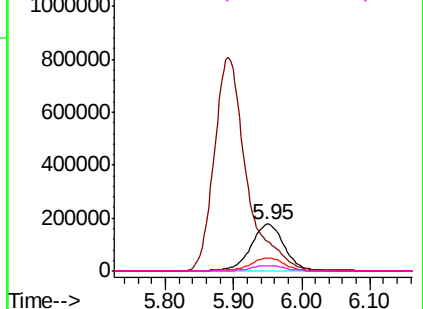


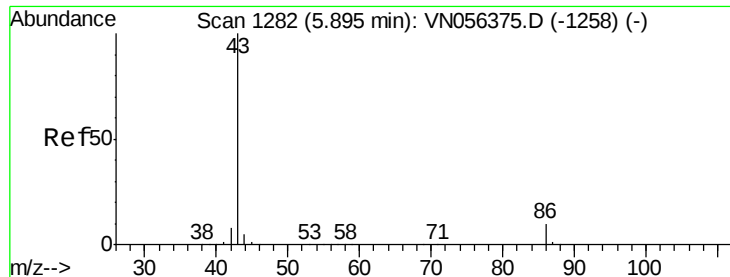
#22
Diisopropyl ether
Concen: 49.707 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 45 Resp: 607336
Ion Ratio Lower Upper
45 100
43 61.2 50.4 75.6
87 27.9 23.0 34.4
59 11.6 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: 276.423 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

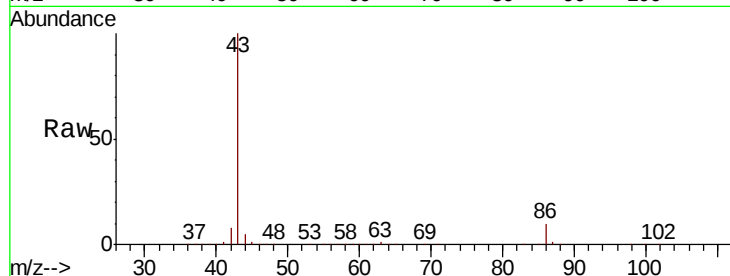
VSTDCCC050

Tot Ion: 43 Resp: 2663883

Ion Ratio Lower Upper

43 100

86 10.2 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

800000

600000

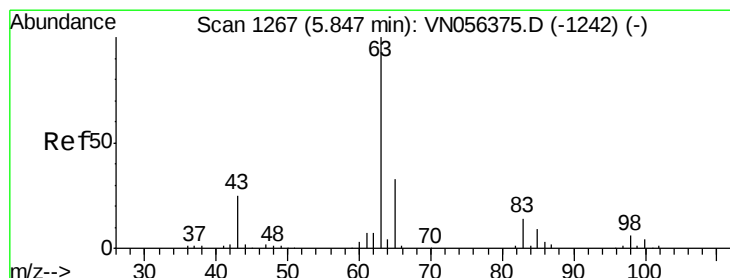
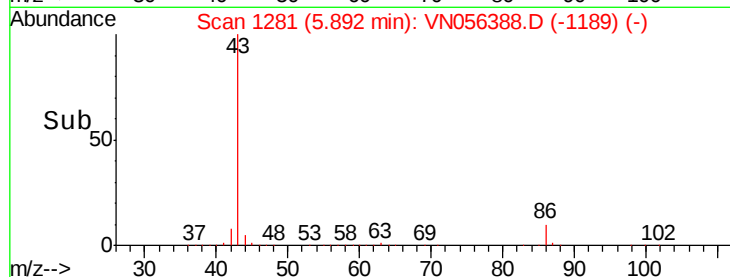
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 49.678 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

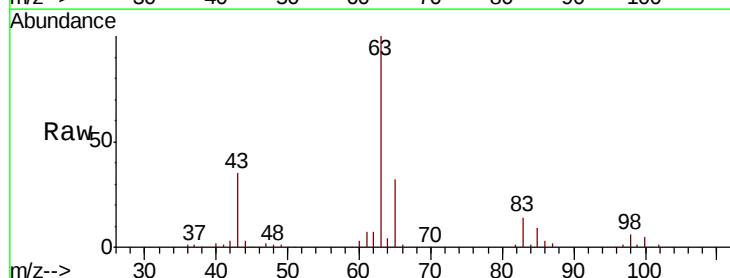
Tgt Ion: 63 Resp: 348426

Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

100 4.5 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

150000

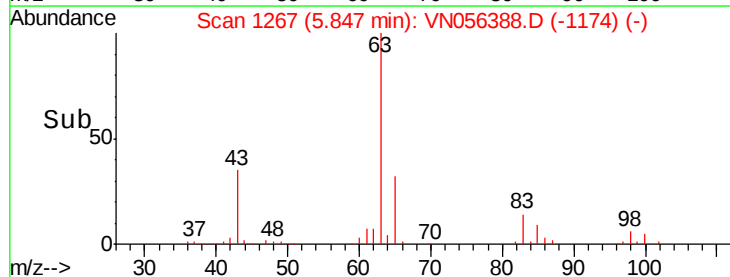
100000

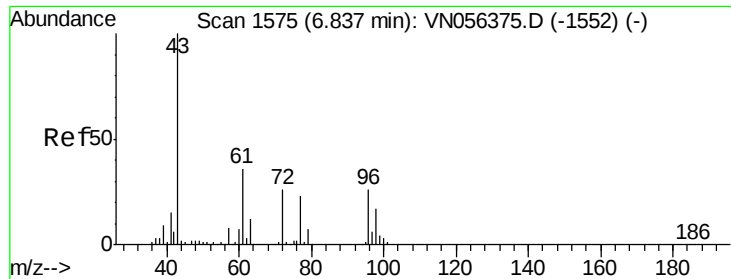
50000

0

5.70 5.80 5.90 6.00

Time-->

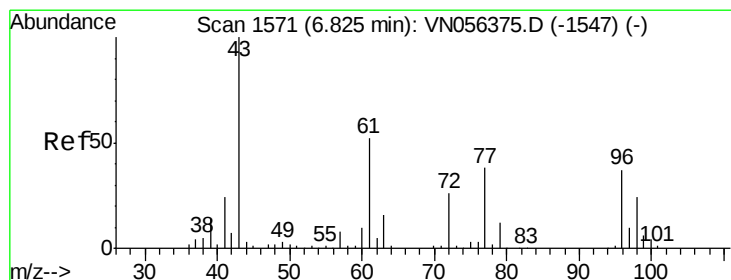
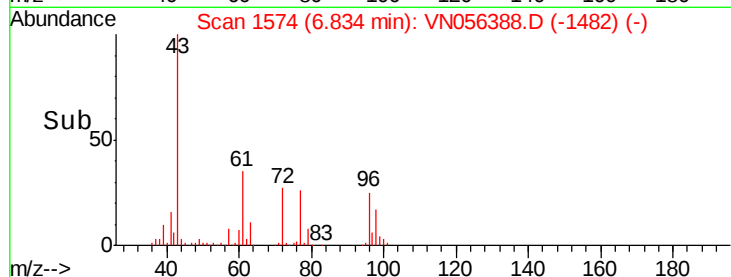
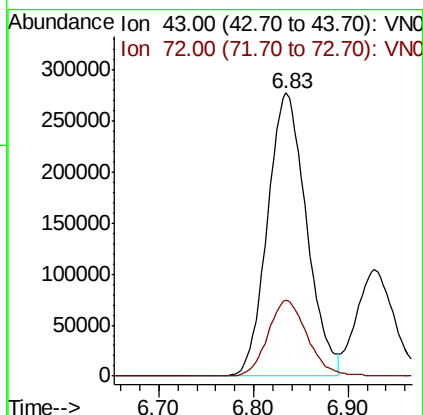
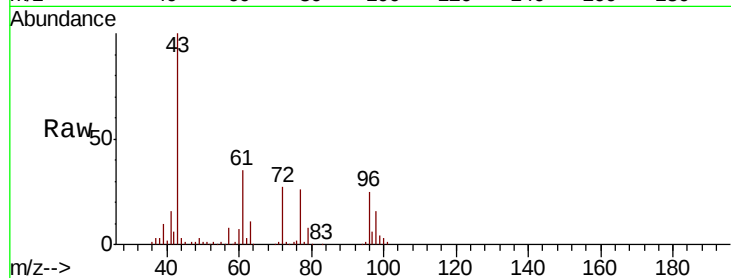




#25
2-Butanone
Concen: 272.002 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

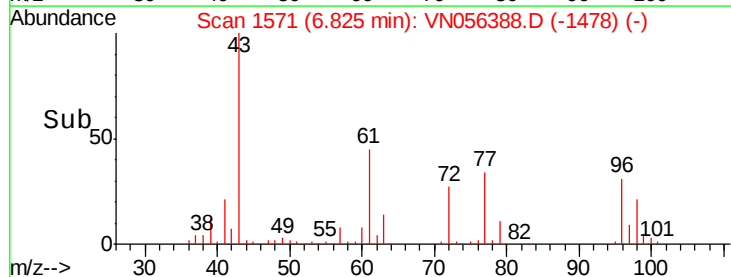
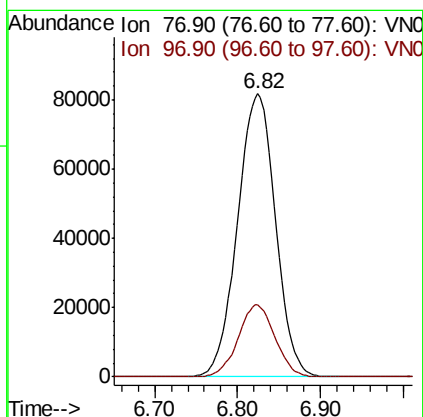
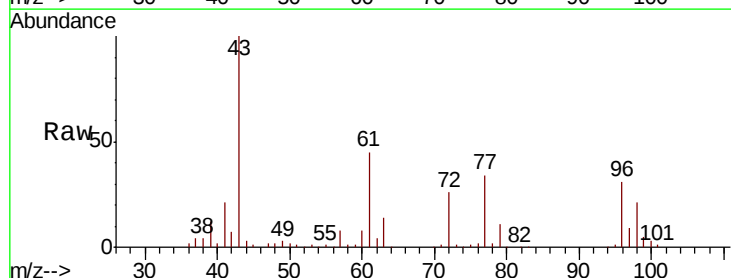
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

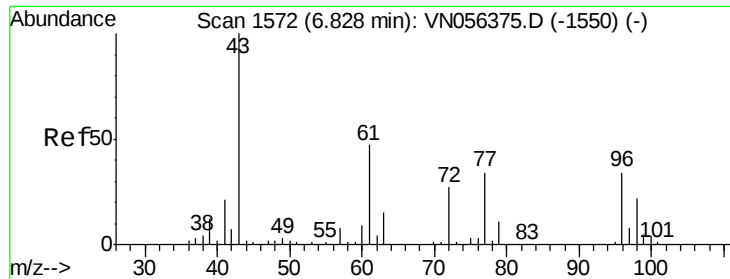
Tot Ion: 43 Resp: 790870
Ion Ratio Lower Upper
43 100
72 26.7 20.6 31.0



#26
2,2-Dichloropropane
Concen: 53.317 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 77 Resp: 260086
Ion Ratio Lower Upper
77 100
97 24.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 50.265 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

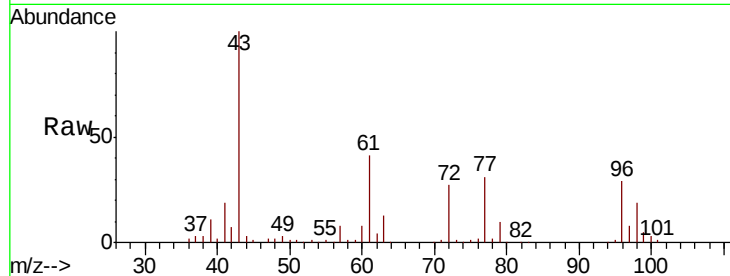
Tot Ion: 96 Resp: 221593

Ion Ratio Lower Upper

96 100

61 141.0 0.0 279.8

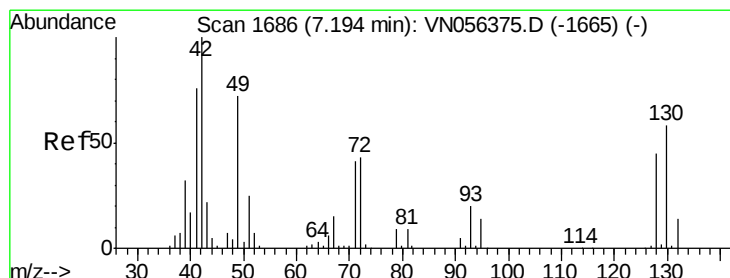
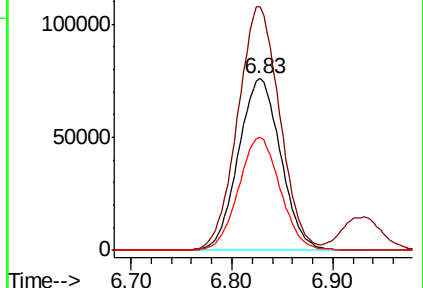
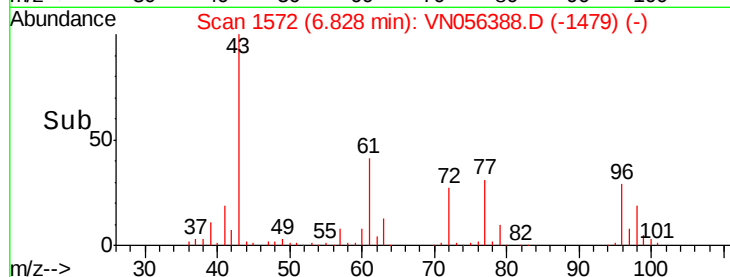
98 64.9 0.0 130.0



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: 49.806 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

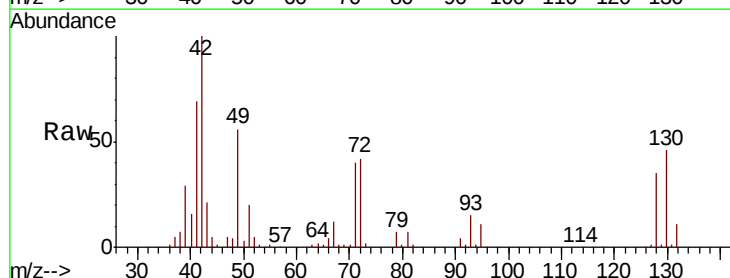
Tgt Ion: 49 Resp: 172786

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

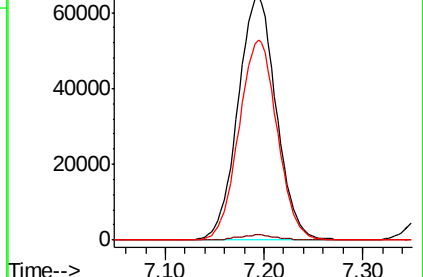
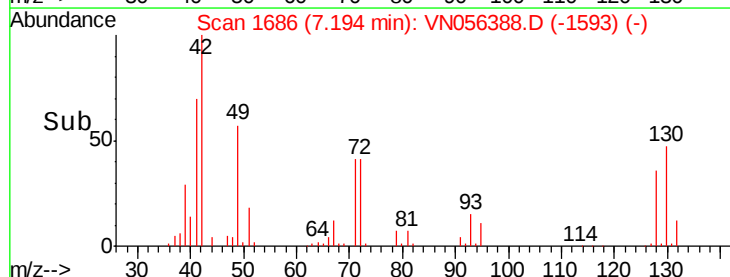
130 82.0 64.9 97.3

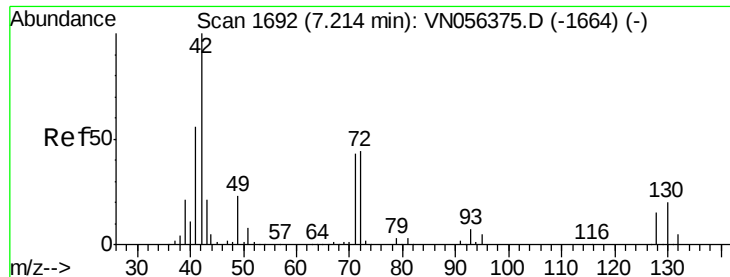


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 272.688 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

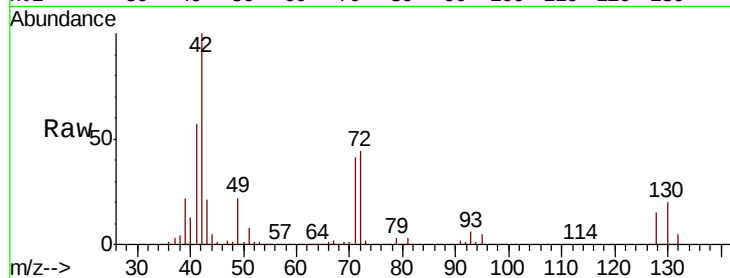
Tot Ion: 42 Resp: 484523

Ion Ratio Lower Upper

42 100

72 43.0 34.7 52.1

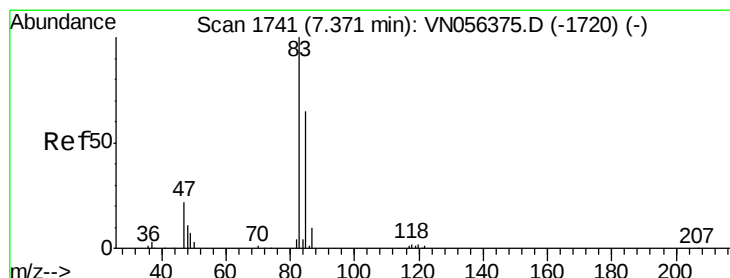
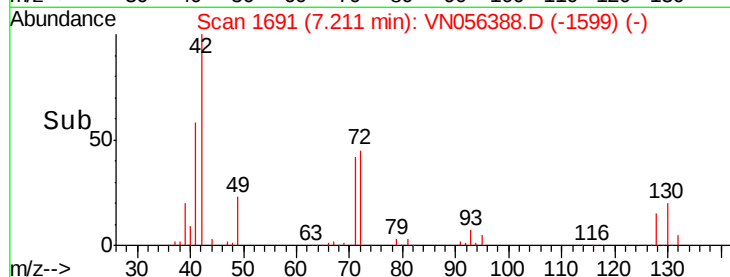
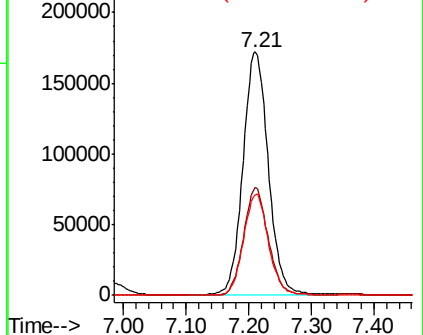
71 41.1 33.0 49.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.560 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056388.D

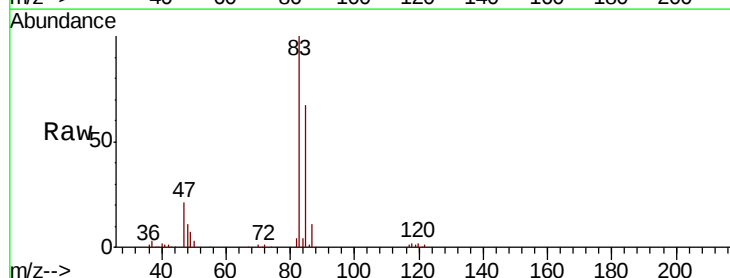
Acq: 20 Jun 2019 9:25

Tgt Ion: 83 Resp: 342996

Ion Ratio Lower Upper

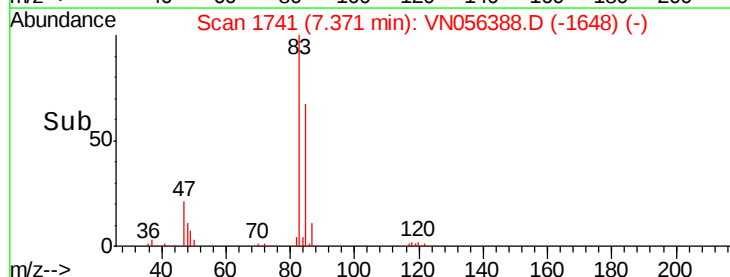
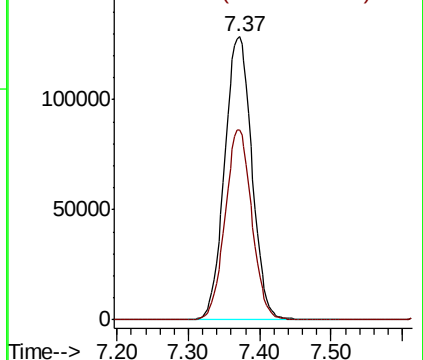
83 100

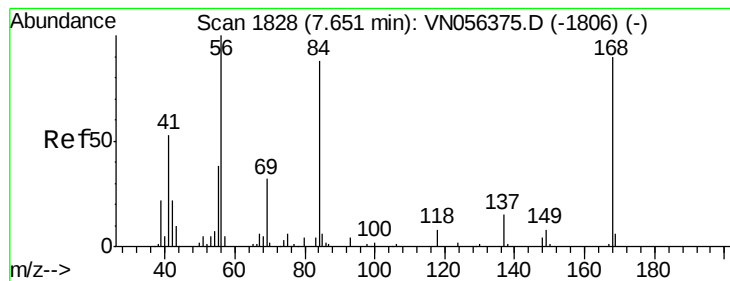
85 67.1 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 47.279 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

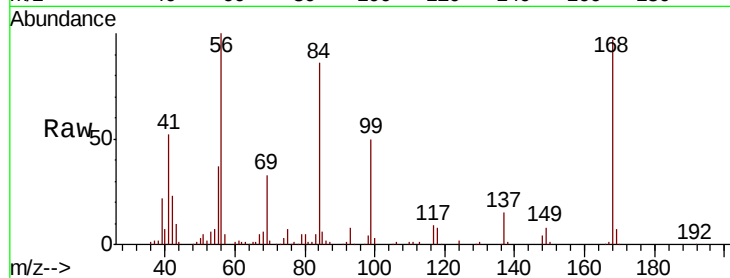
Tot Ion: 56 Resp: 320135

Ion Ratio Lower Upper

56 100

69 33.1 25.8 38.6

84 85.0 69.4 104.0

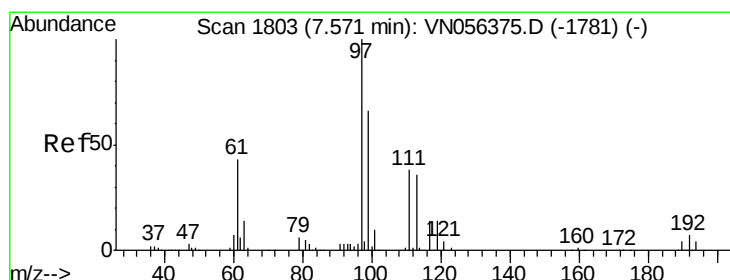
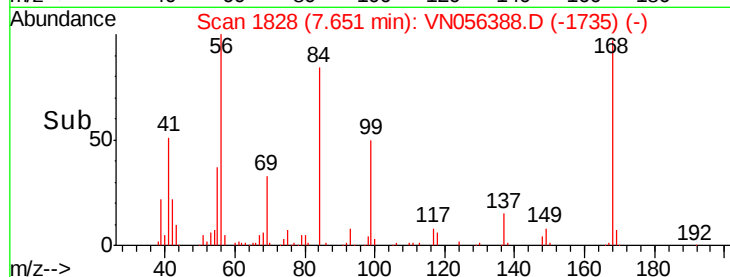
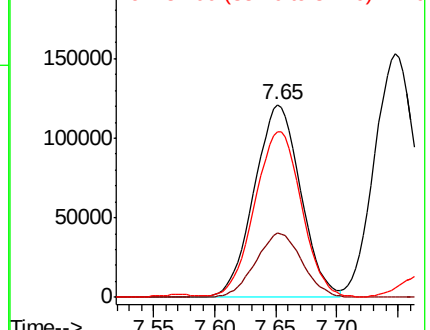


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 51.752 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

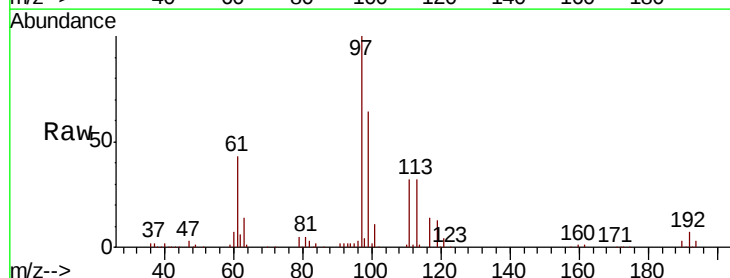
Tgt Ion: 97 Resp: 283899

Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 42.3 33.9 50.9

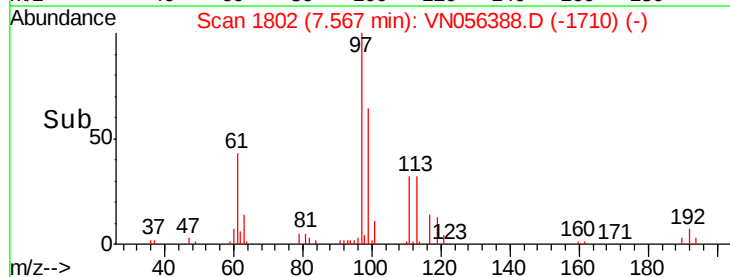
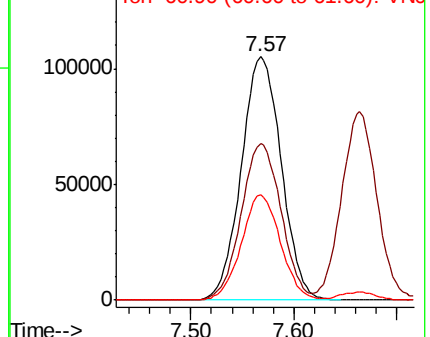


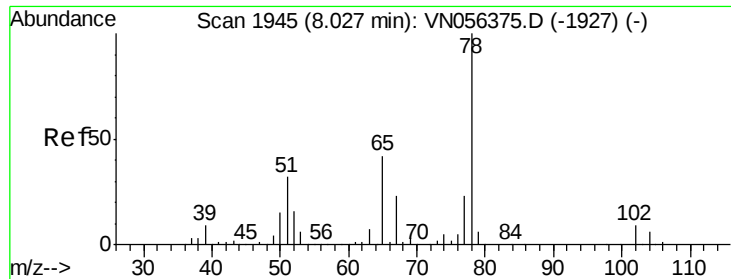
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

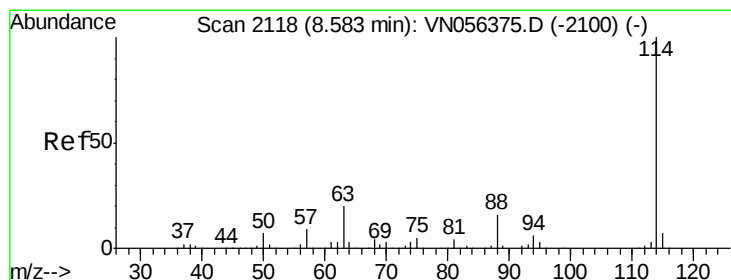
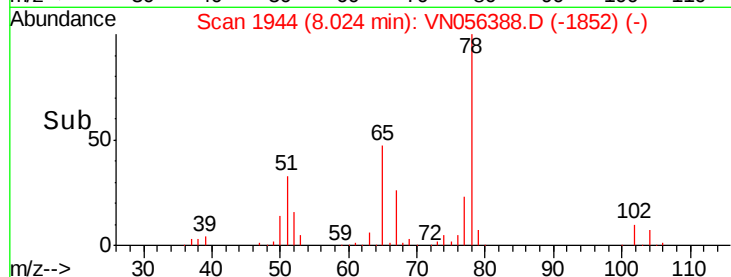
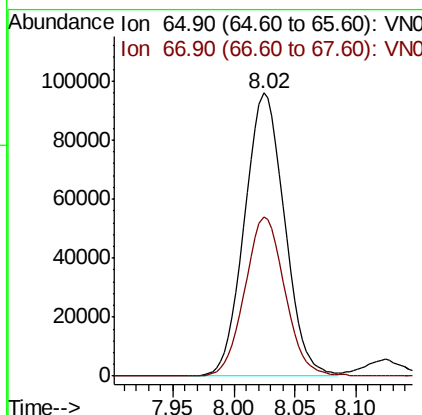
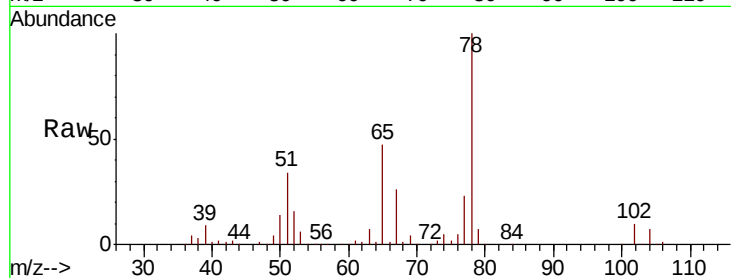




#33
 1,2-Dichloroethane-d4
 Concen: 49.803 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

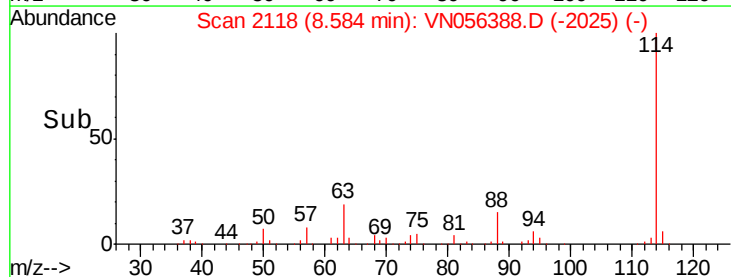
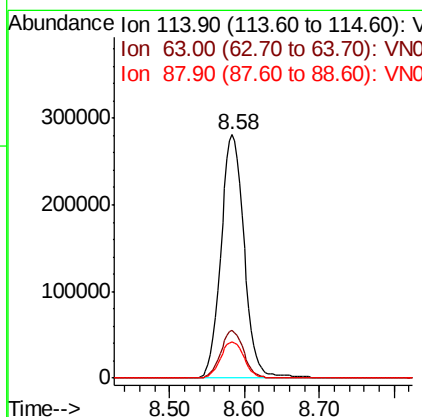
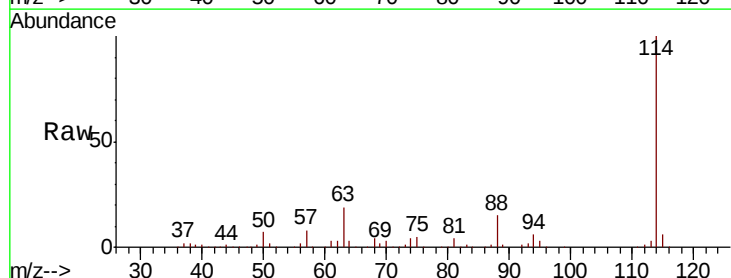
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

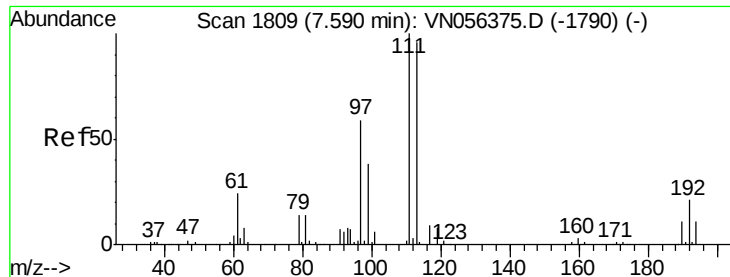
Tot Ion: 65 Resp: 218381
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion: 114 Resp: 603186
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 14.8 0.0 31.4

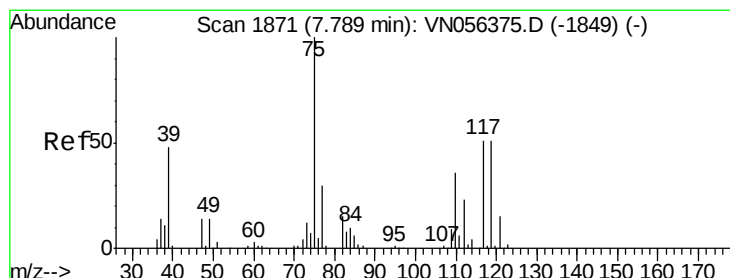
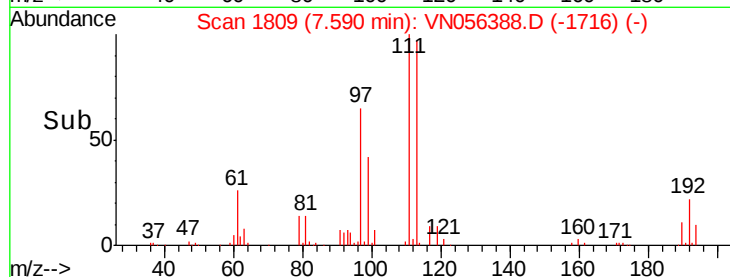
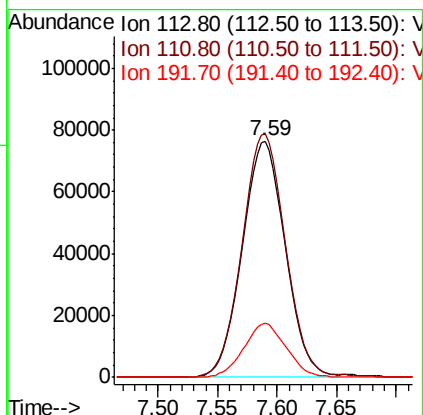
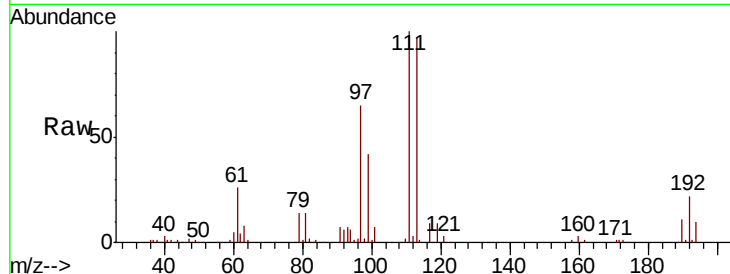




#35
 Dibromofluoromethane
 Concen: 50.853 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

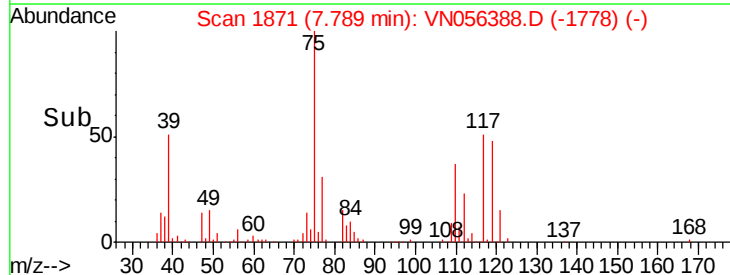
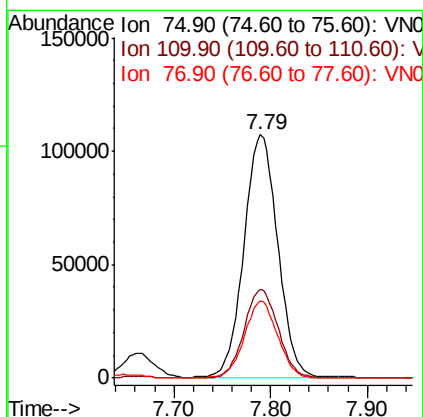
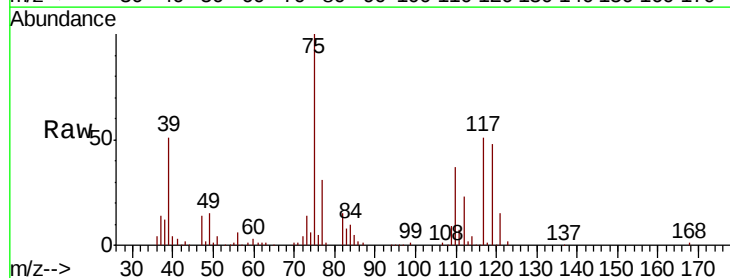
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

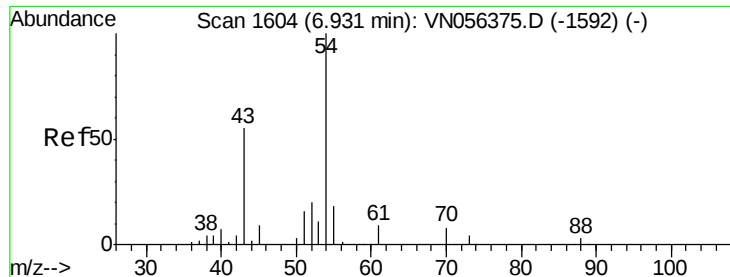
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.9	124.3
192	22.7	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 49.032 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.3
77	31.3	24.6	36.8

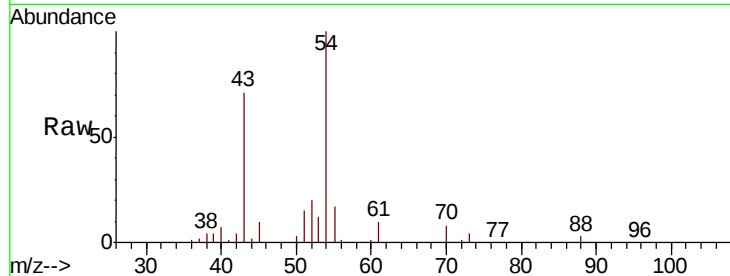




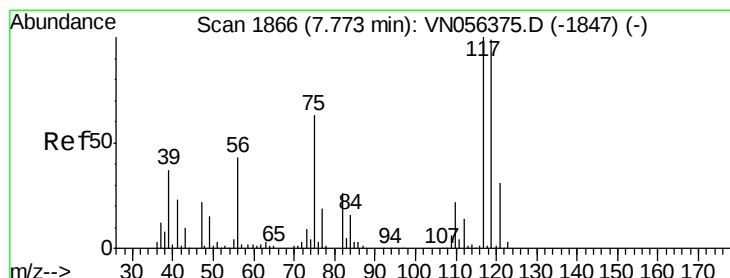
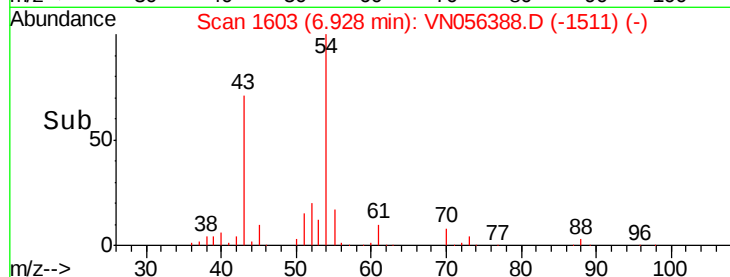
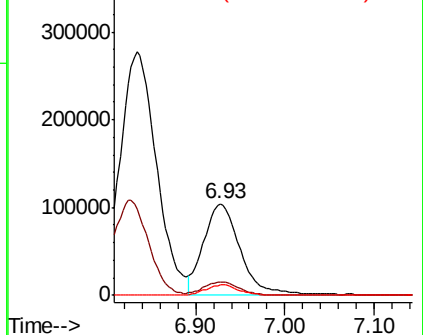
#37
Ethyl Acetate
Concen: 55.843 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 291361
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 10.4 8.3 12.5

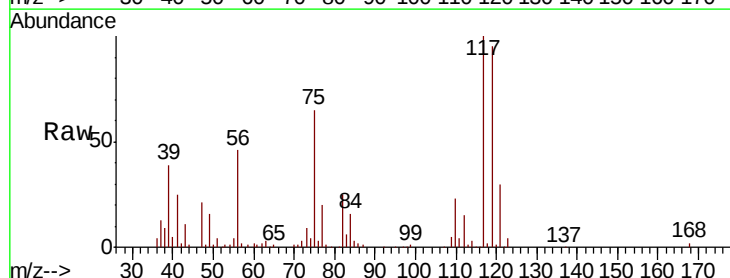


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

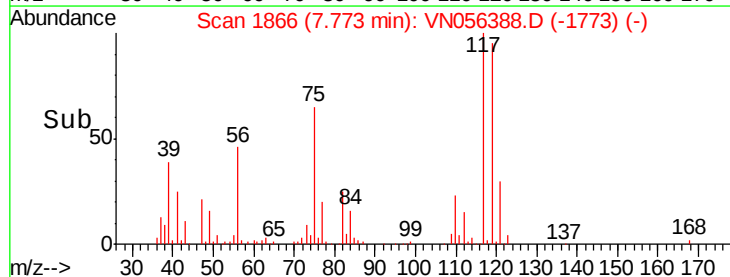
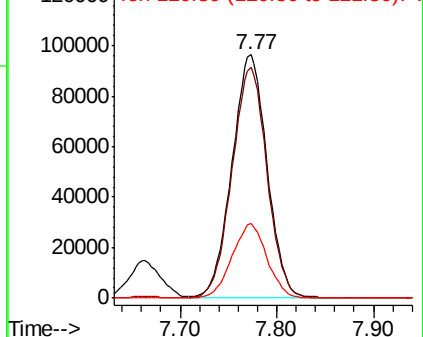


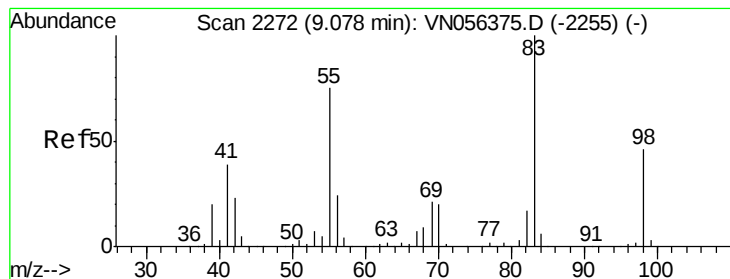
#38
Carbon Tetrachloride
Concen: 52.469 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 117 Resp: 243600
Ion Ratio Lower Upper
117 100
119 94.6 79.1 118.7
121 30.5 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

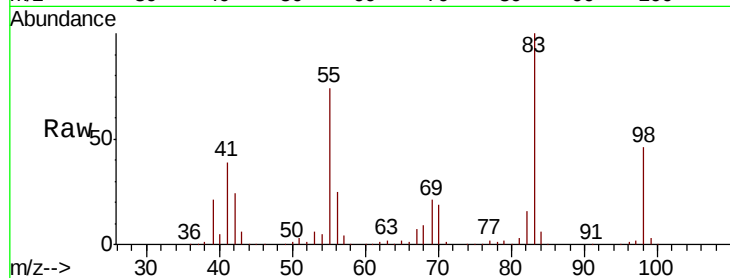




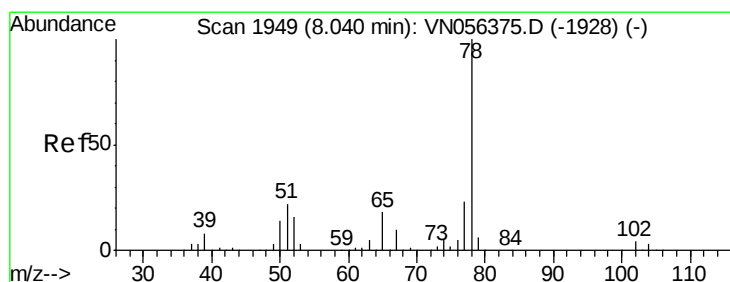
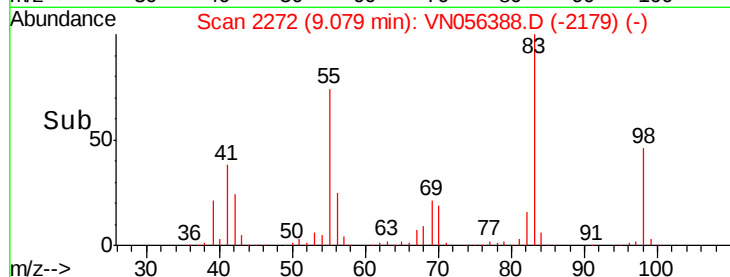
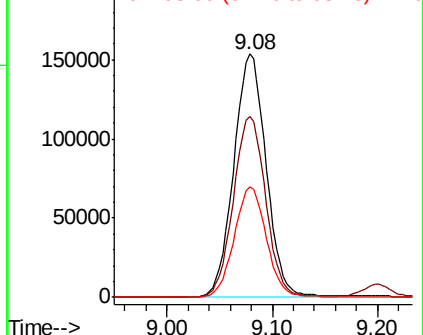
#39
Methvlcvclohexane
Concen: 50.053 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 327901
Ion Ratio Lower Upper
83 100
55 74.5 60.0 90.0
98 45.6 36.6 54.8

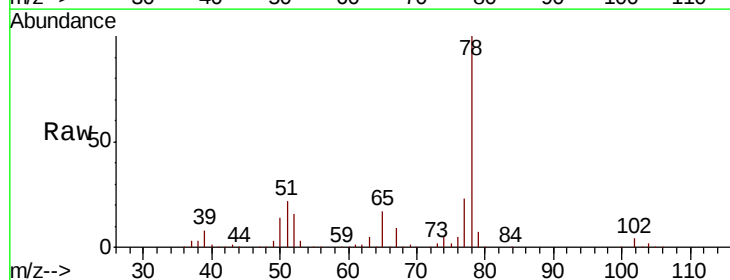


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

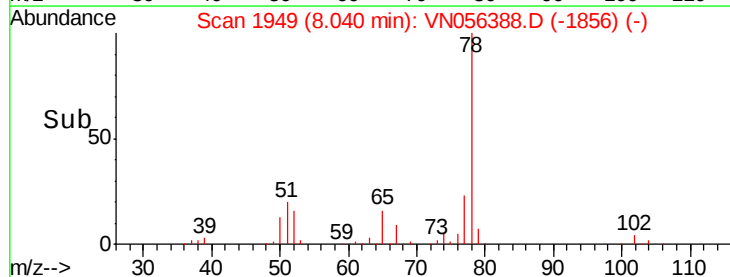
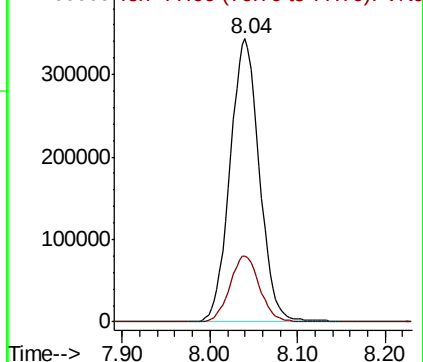


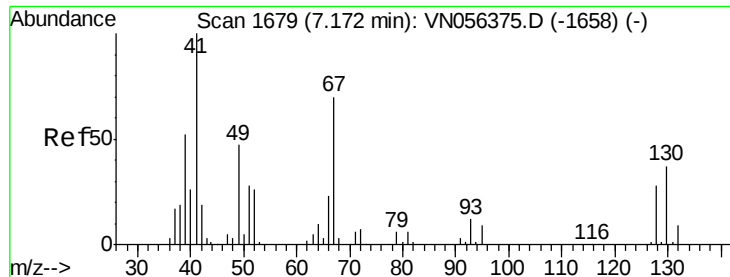
#40
Benzene
Concen: 48.989 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 78 Resp: 800033
Ion Ratio Lower Upper
78 100
77 23.4 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: 181.074 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.04 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 417180

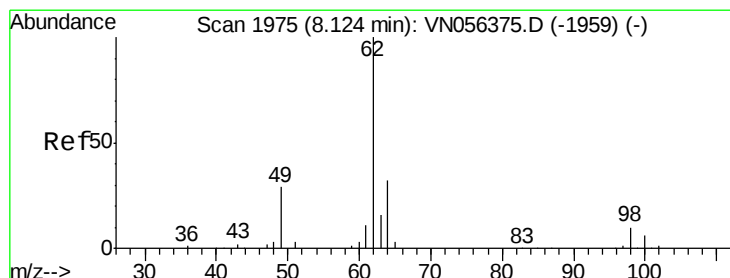
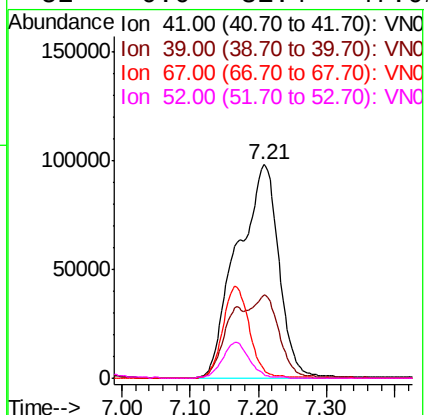
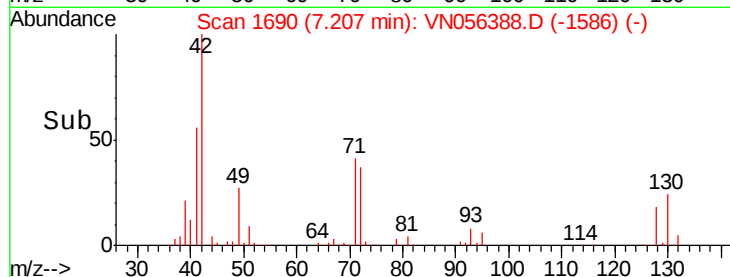
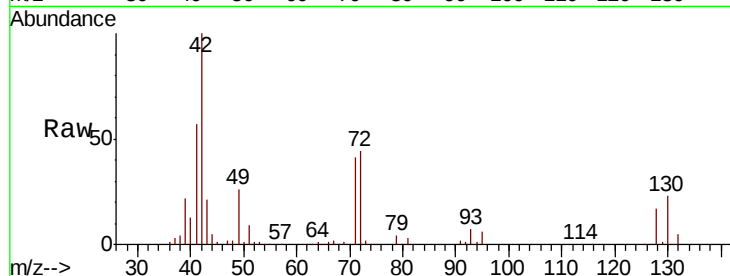
Ion Ratio Lower Upper

41 100

39 0.0 55.3 82.9#

67 0.0 79.2 118.8#

52 0.0 31.4 47.0#



#42

1,2-Dichloroethane

Concen: 48.519 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN056388.D

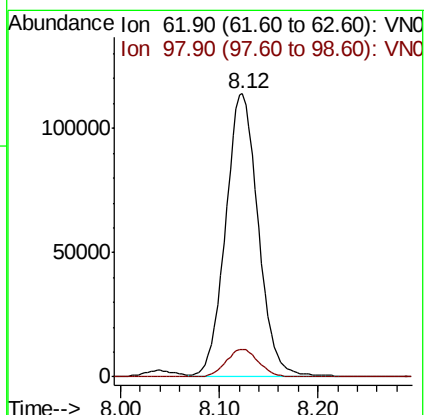
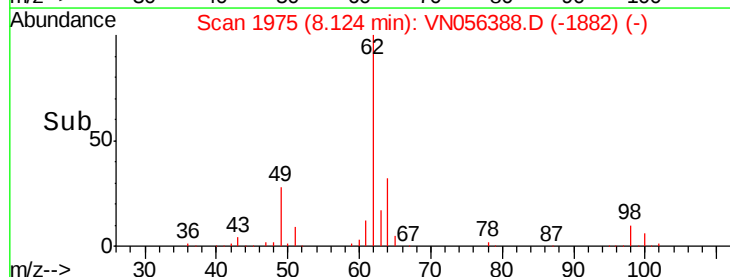
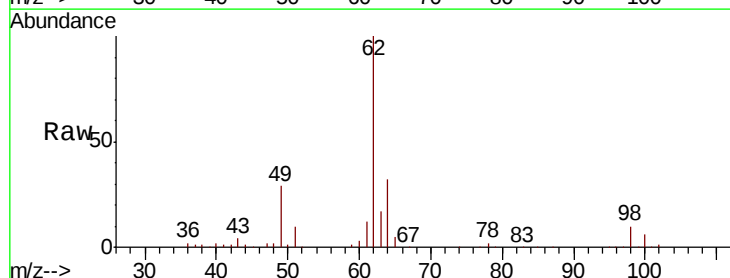
Acq: 20 Jun 2019 9:25

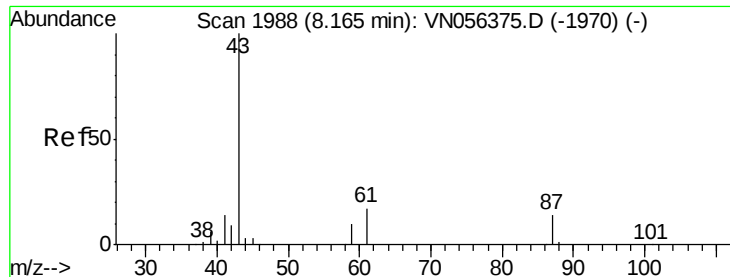
Tgt Ion: 62 Resp: 261493

Ion Ratio Lower Upper

62 100

98 9.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 54.860 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

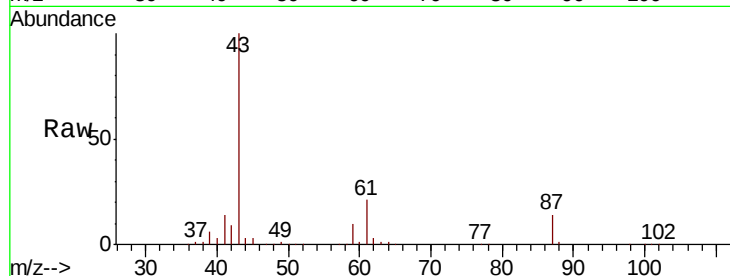
Tot Ion: 43 Resp: 441360

Ion Ratio Lower Upper

43 100

61 27.1 22.0 33.0

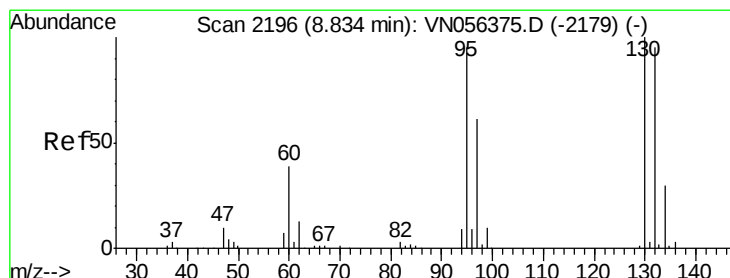
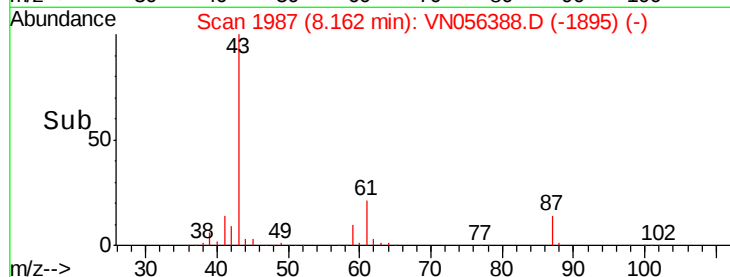
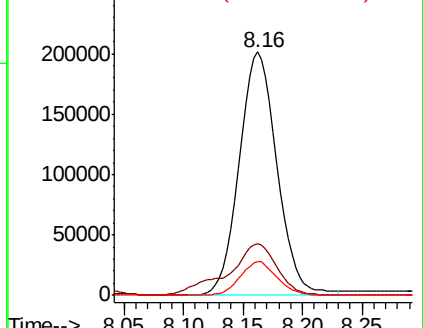
87 13.8 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#44

Trichloroethene

Concen: 48.344 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056388.D

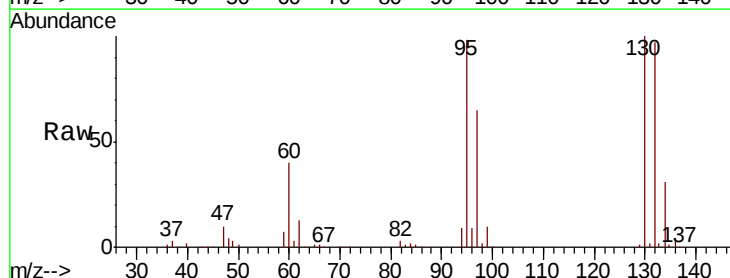
Acq: 20 Jun 2019 9:25

Tgt Ion: 130 Resp: 212672

Ion Ratio Lower Upper

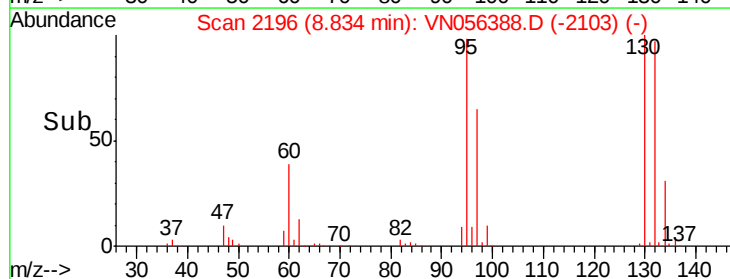
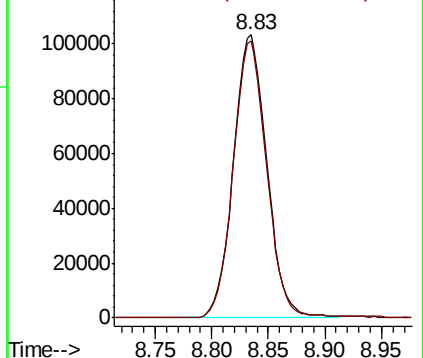
130 100

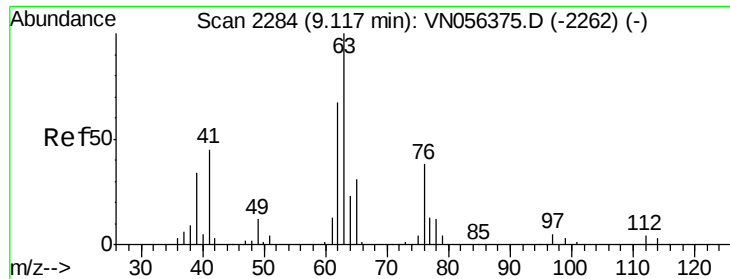
95 98.0 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056375.D (-2179) (-)

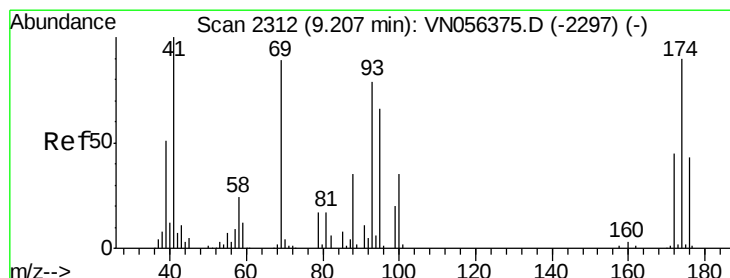
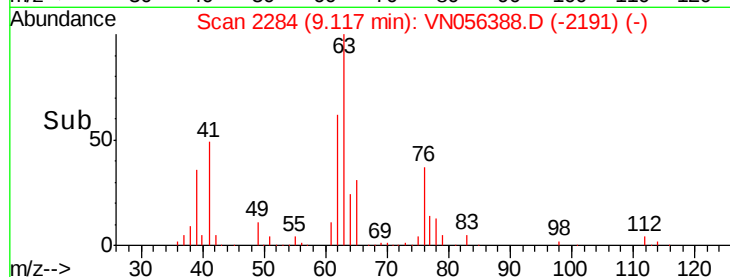
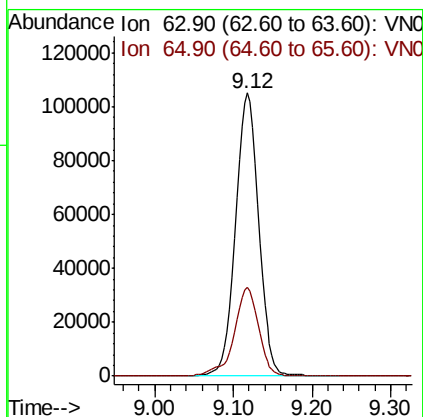
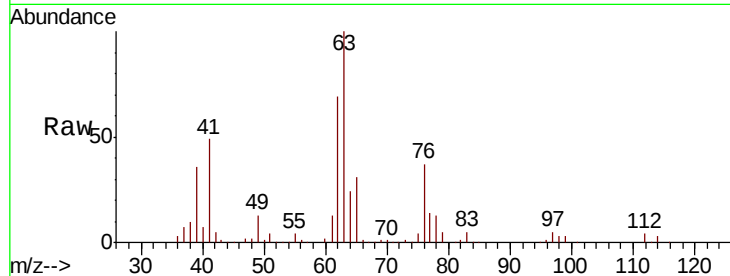




#45
 1,2-Dichloropropane
 Concen: 49.221 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

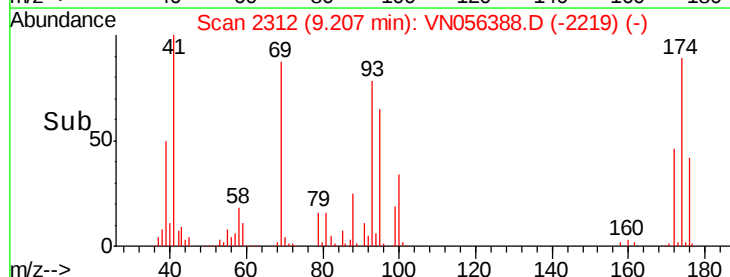
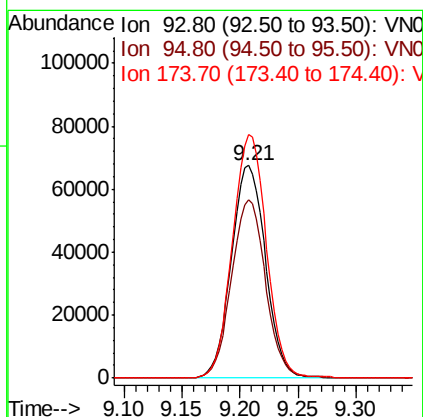
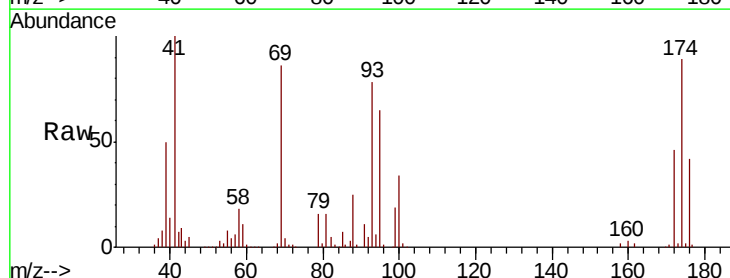
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

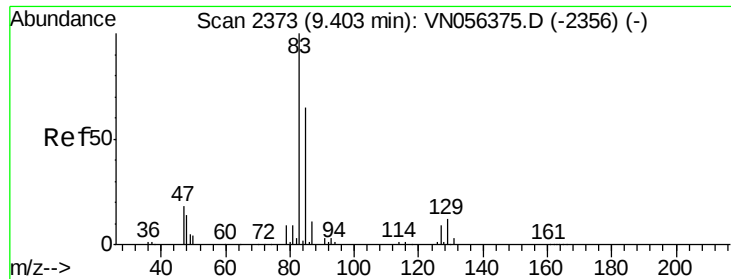
Tot Ion: 63 Resp: 214970
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 50.828 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion: 93 Resp: 138884
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.2
 174 113.6 90.8 136.2

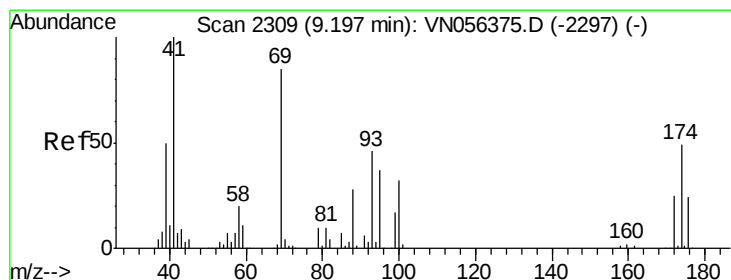
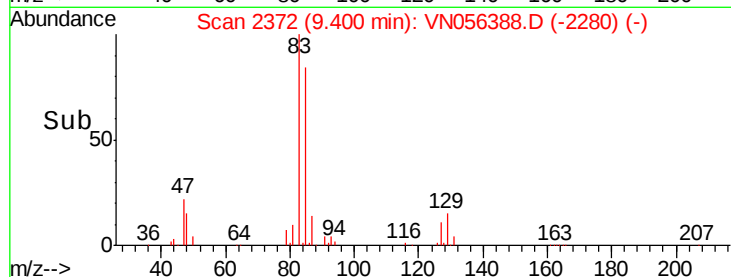
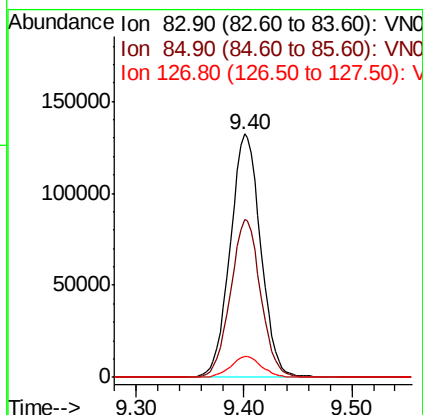
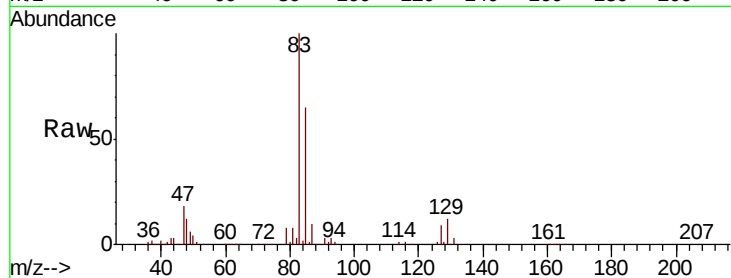




#47
Bromodichloromethane
Concen: 53.771 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

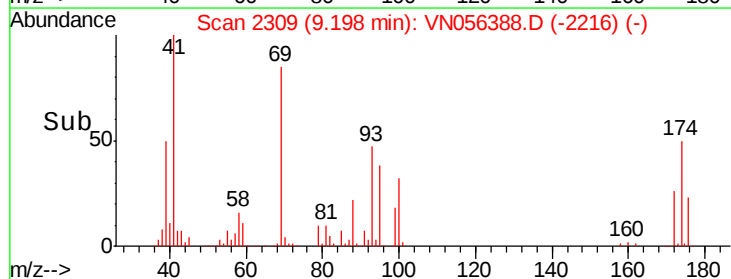
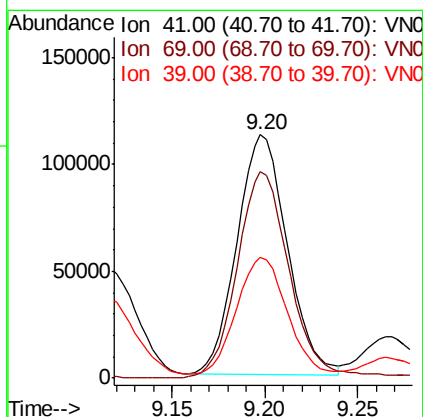
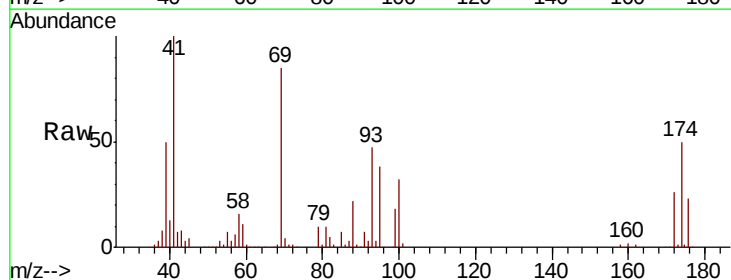
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

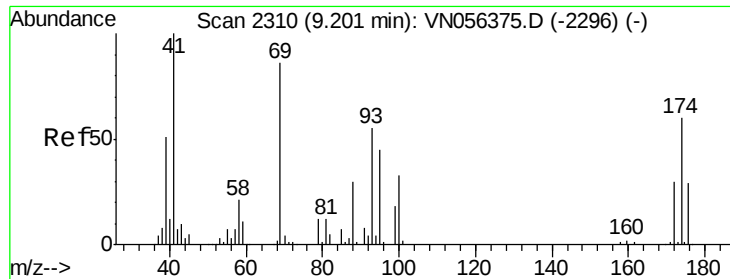
Tot Ion: 83 Resp: 260584
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4
127 8.8 7.3 10.9



#48
Methyl methacrylate
Concen: 52.356 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 41 Resp: 211081
Ion Ratio Lower Upper
41 100
69 89.3 72.6 109.0
39 52.1 42.6 63.8





#49

1,4-Dioxane

Concen: 727.974 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

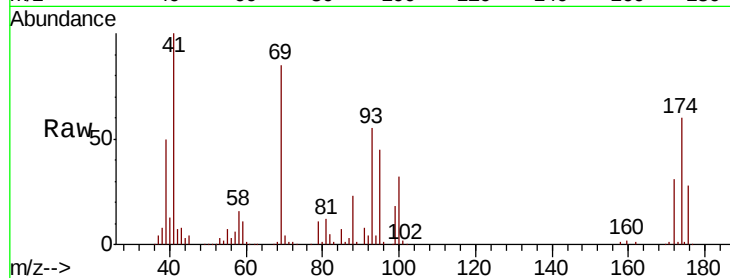
Tot Ion: 88 Resp: 60906

Ion Ratio Lower Upper

88 100

43 29.6 22.0 33.0

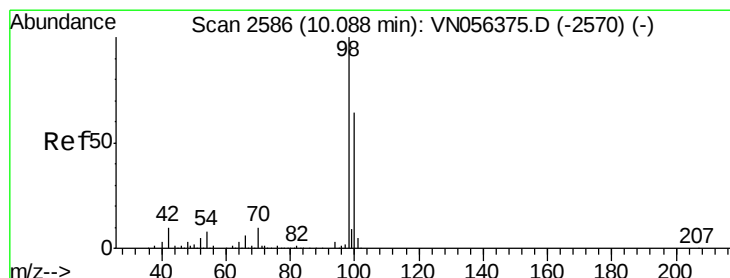
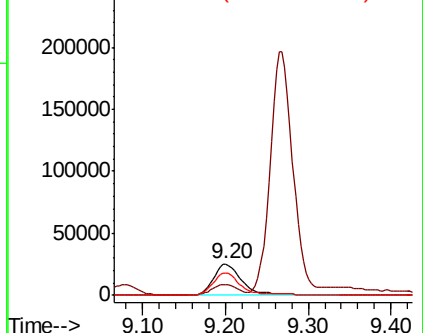
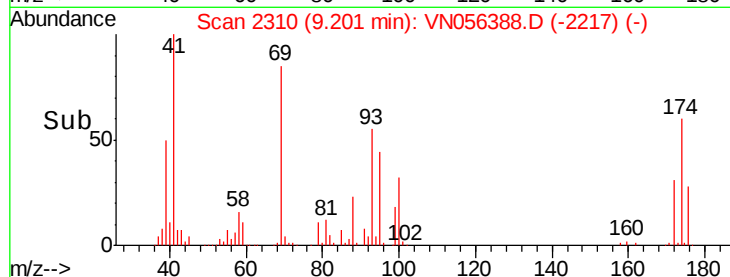
58 67.0 51.8 77.8



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.404 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056388.D

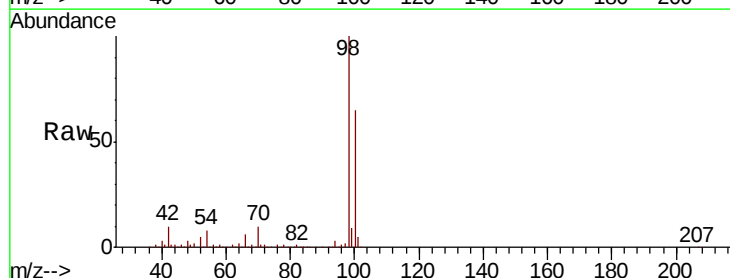
Acq: 20 Jun 2019 9:25

Tgt Ion: 98 Resp: 723362

Ion Ratio Lower Upper

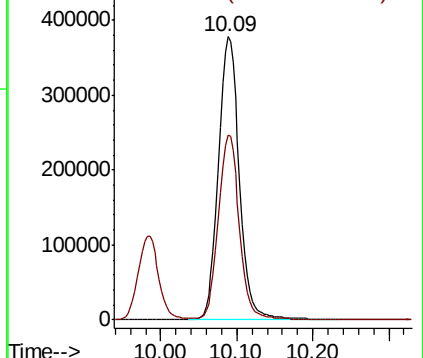
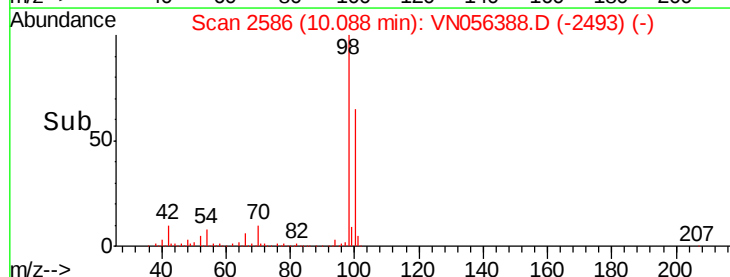
98 100

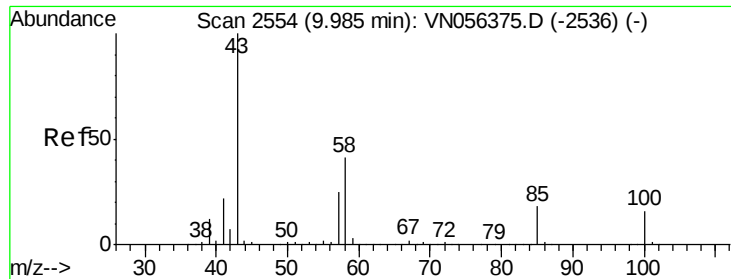
100 65.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 272.875 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

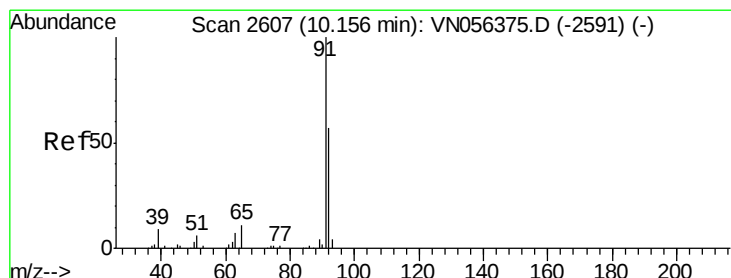
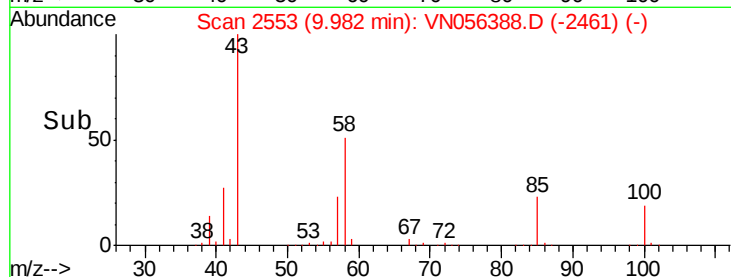
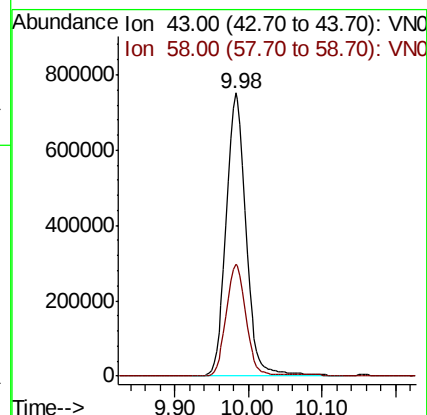
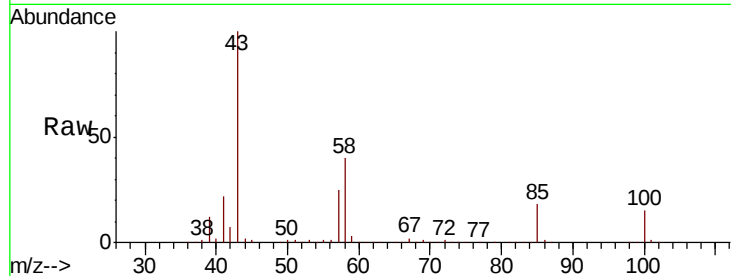
VSTDCCC050

Tot Ion: 43 Resp: 1416954

Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.8



#52

Toluene

Concen: 49.084 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056388.D

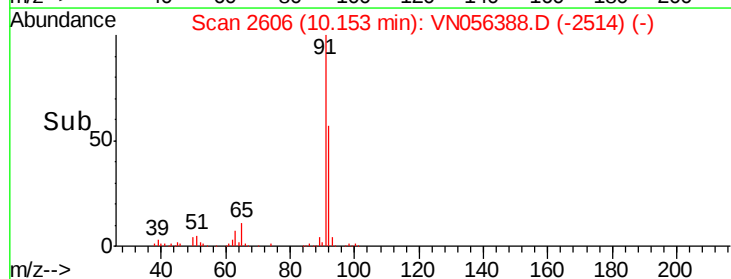
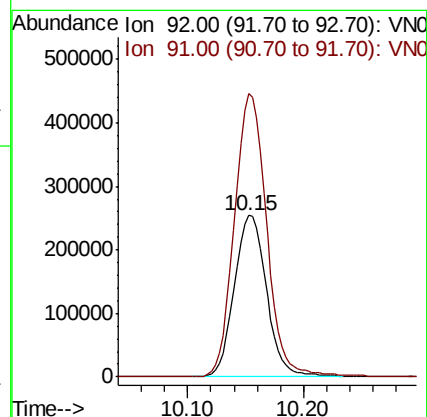
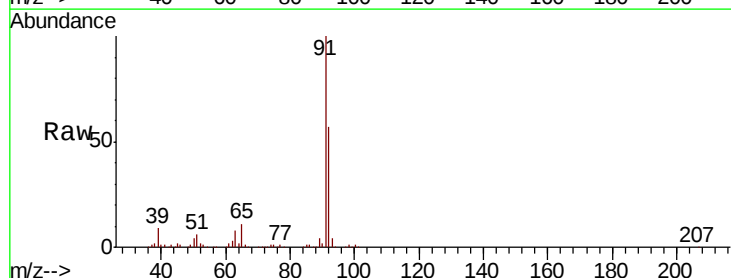
Acq: 20 Jun 2019 9:25

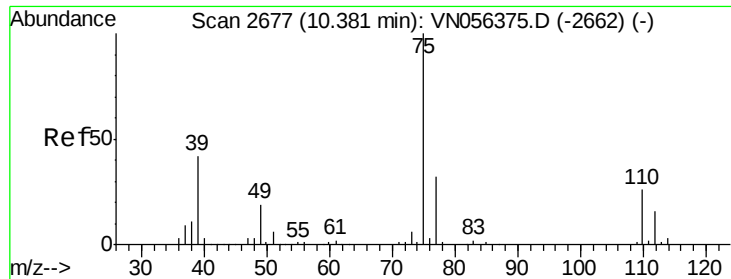
Tgt Ion: 92 Resp: 490069

Ion Ratio Lower Upper

92 100

91 175.6 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 48.748 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

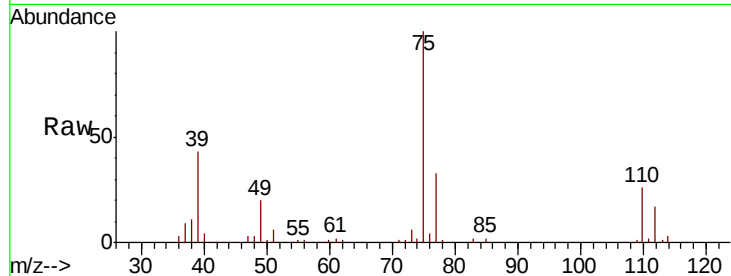
VSTDCCC050

Tot Ion: 75 Resp: 274718

Ion Ratio Lower Upper

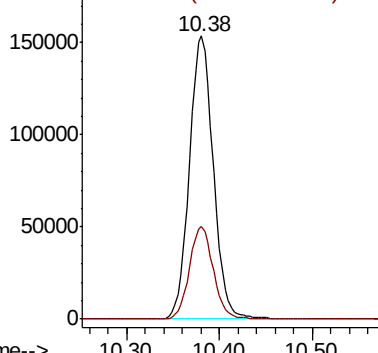
75 100

77 32.6 25.4 38.2

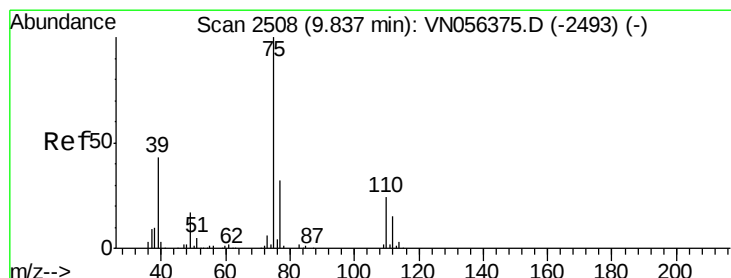
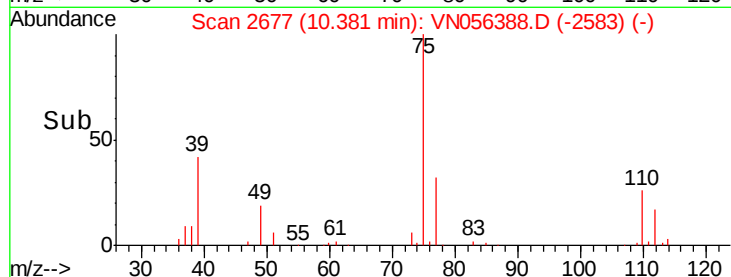


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.829 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

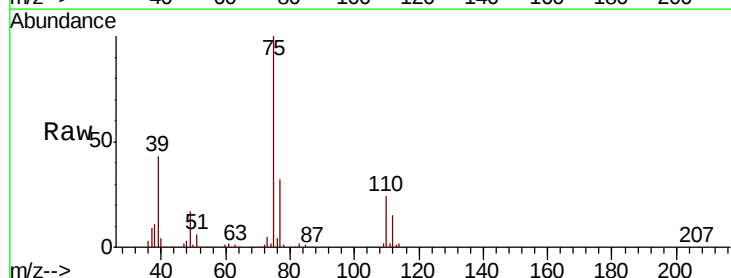
Tgt Ion: 75 Resp: 319977

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

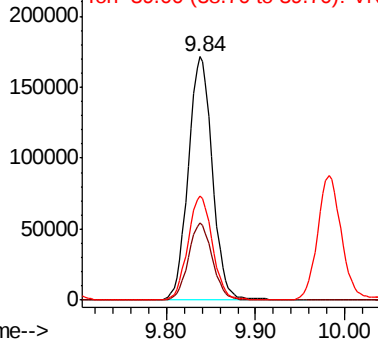
39 42.8 34.2 51.4



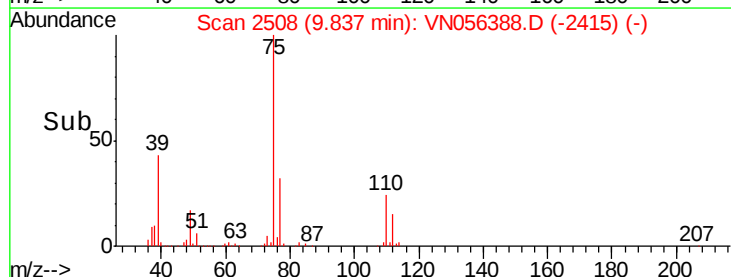
Abundance Ion 74.90 (74.60 to 75.60): VN0

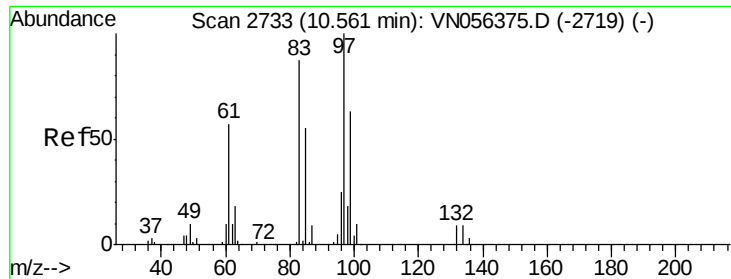
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->

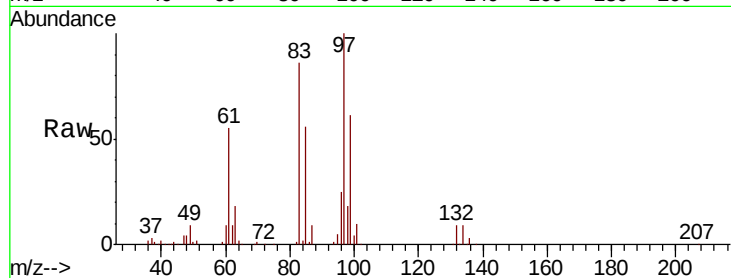




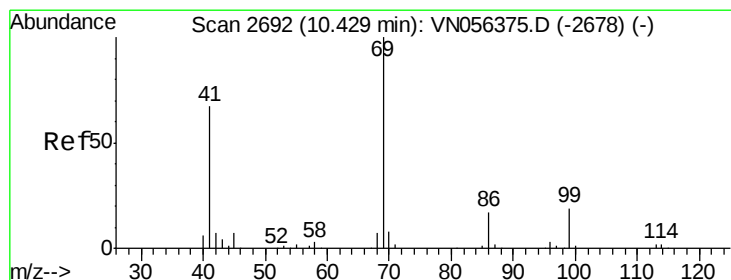
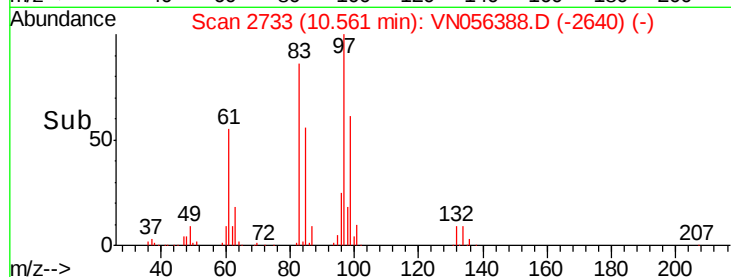
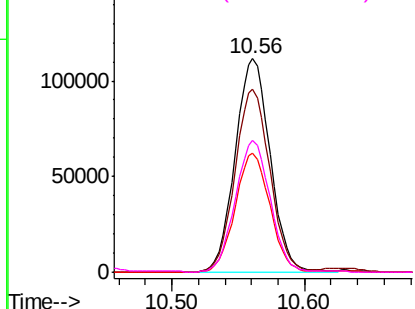
#55
 1,1,2-Trichloroethane
 Concen: 51.064 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 204933
 Ion Ratio Lower Upper
 97 100
 83 85.7 69.8 104.6
 85 56.0 43.8 65.8
 99 61.2 50.2 75.2

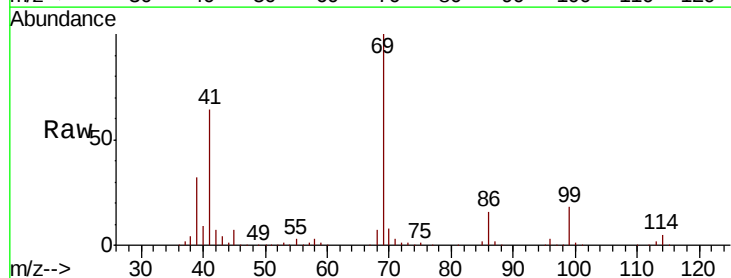


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

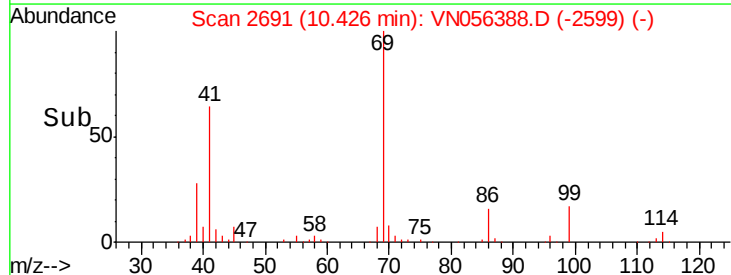
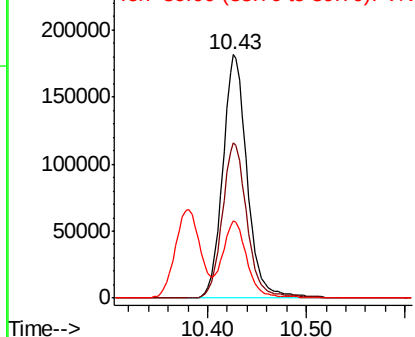


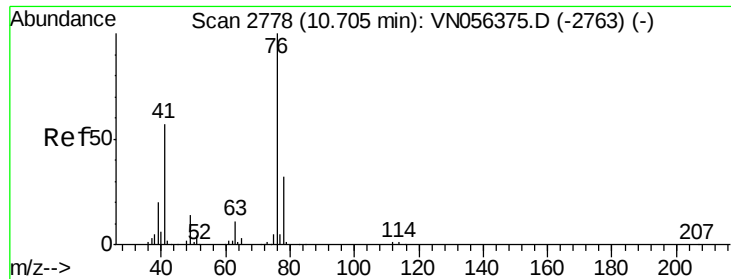
#56
 Ethyl methacrylate
 Concen: 53.786 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion: 69 Resp: 315458
 Ion Ratio Lower Upper
 69 100
 41 64.4 51.4 77.2
 39 31.8 24.7 37.1



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

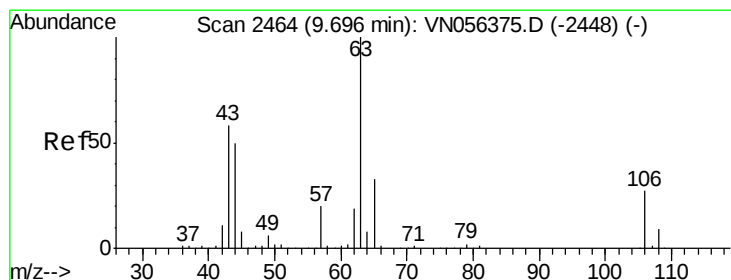
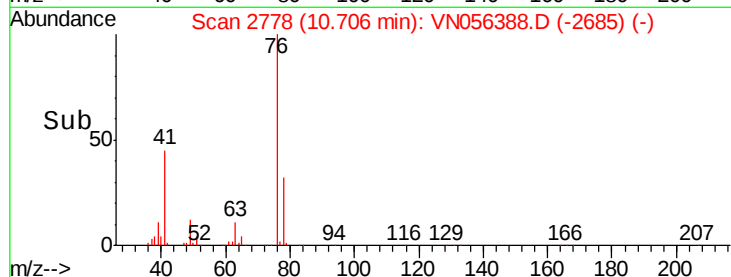
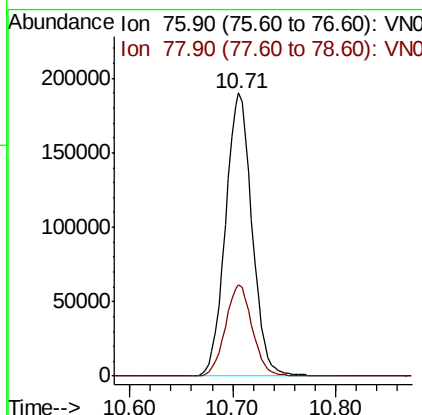
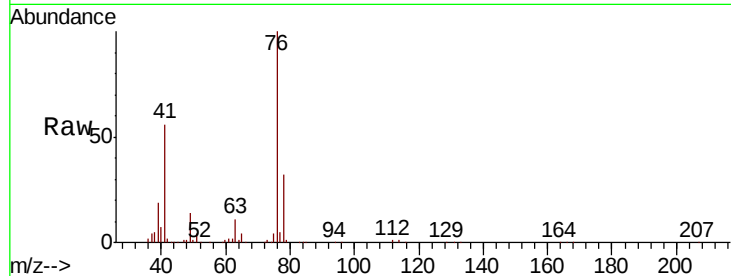




#57
 1,3-Dichloropropane
 Concen: 50.561 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

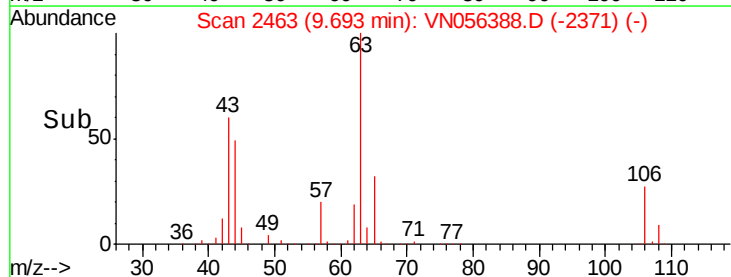
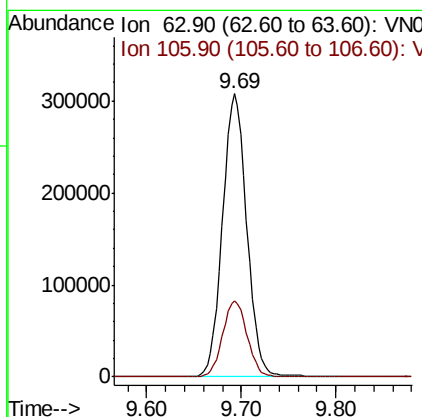
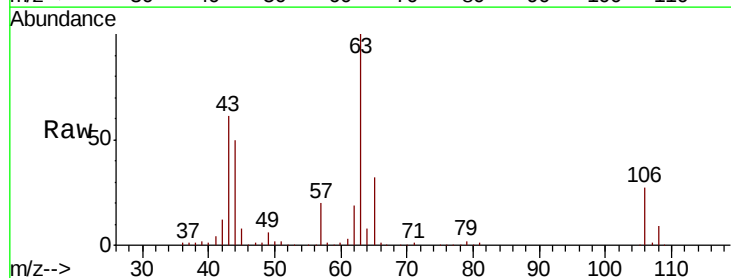
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

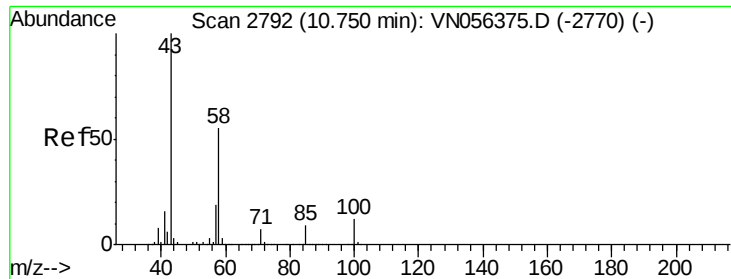
Tot Ion: 76 Resp: 340884
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.841 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion: 63 Resp: 549605
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.6 32.4

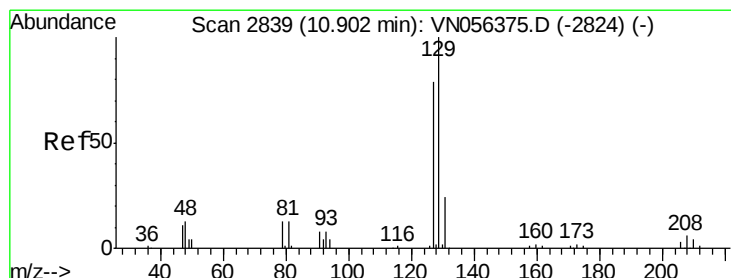
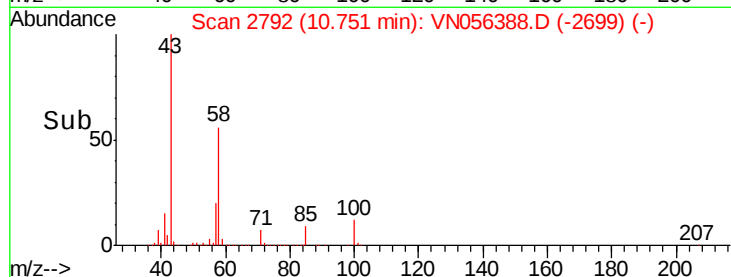
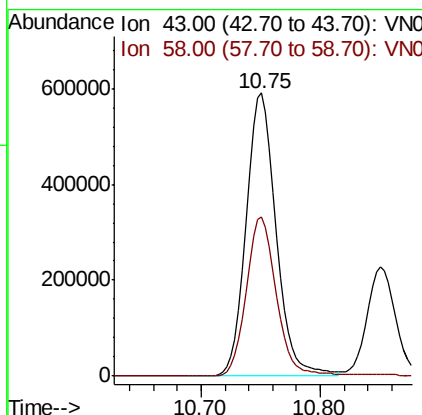
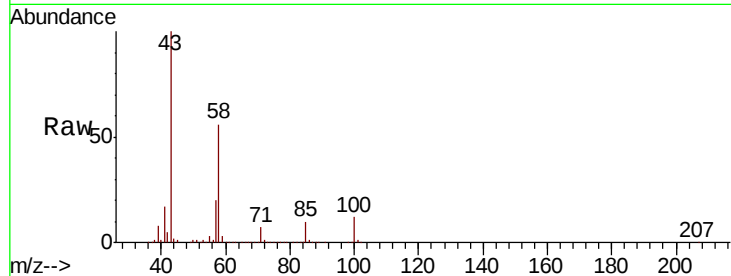




#59
2-Hexanone
Concen: 269.594 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

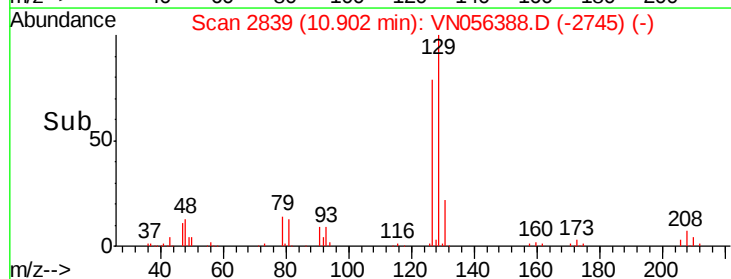
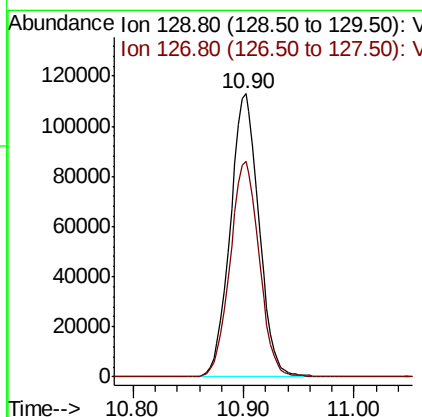
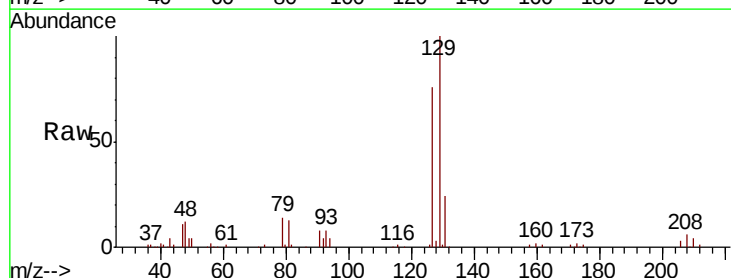
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

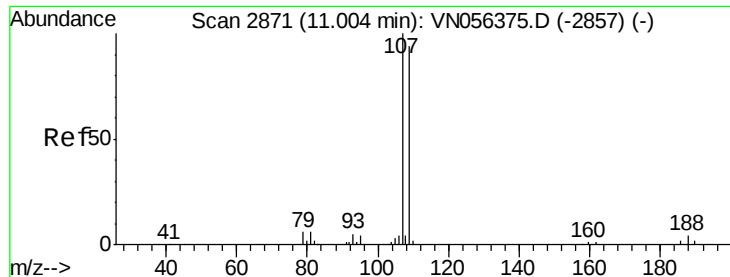
Tot Ion: 43 Resp: 1028893
Ion Ratio Lower Upper
43 100
58 56.5 27.8 83.4



#60
Dibromochloromethane
Concen: 49.503 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 129 Resp: 204102
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 51.426 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

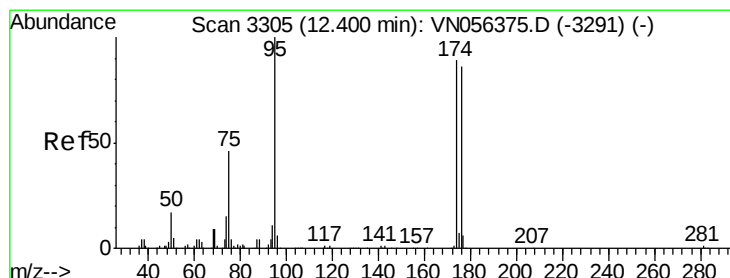
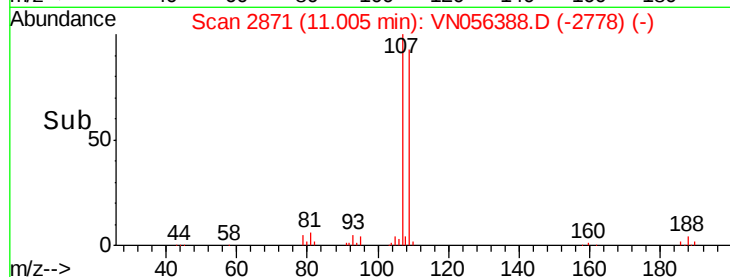
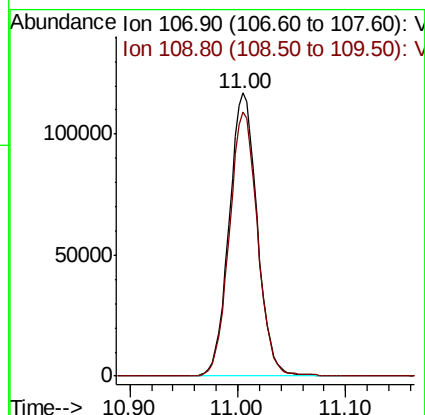
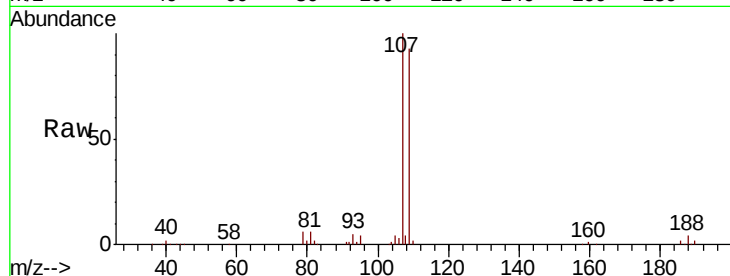
VSTDCCC050

Tot Ion: 107 Resp: 210793

Ion Ratio Lower Upper

107 100

109 94.0 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 50.389 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

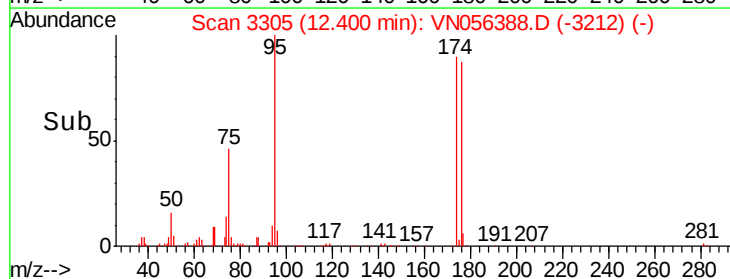
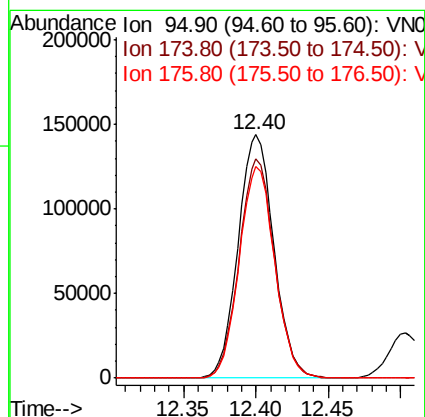
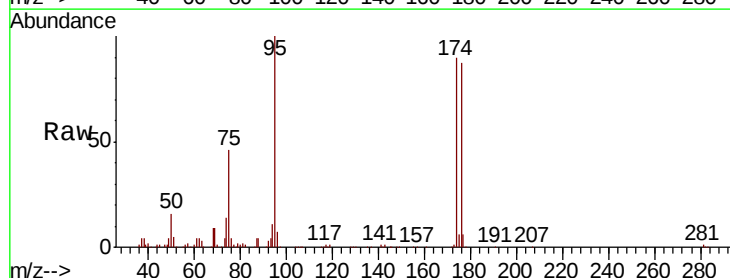
Tgt Ion: 95 Resp: 245944

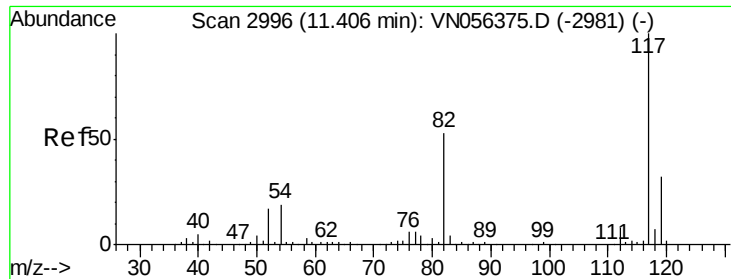
Ion Ratio Lower Upper

95 100

174 89.3 0.0 179.4

176 86.6 0.0 173.4

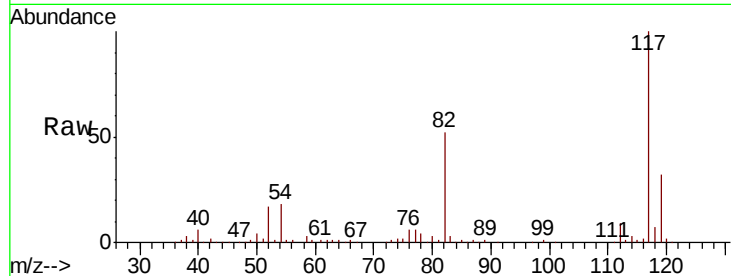




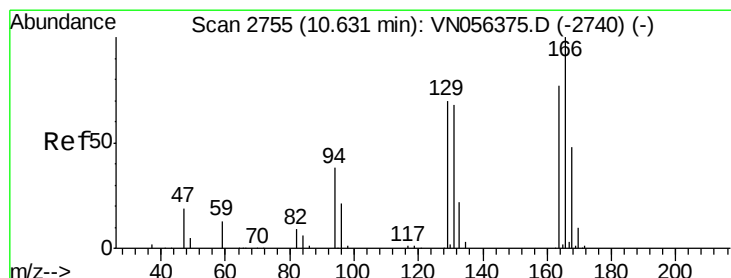
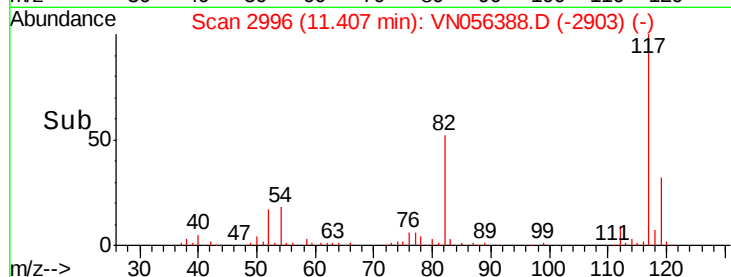
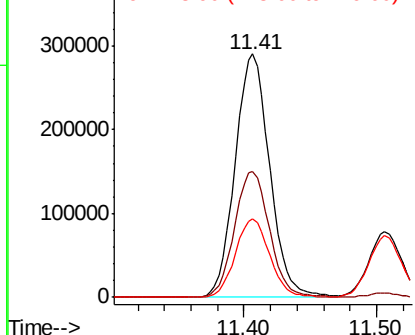
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 525903
Ion Ratio Lower Upper
117 100
82 51.9 42.0 63.0
119 32.1 25.3 37.9

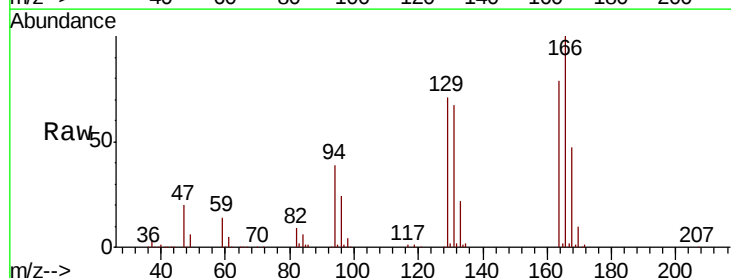


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

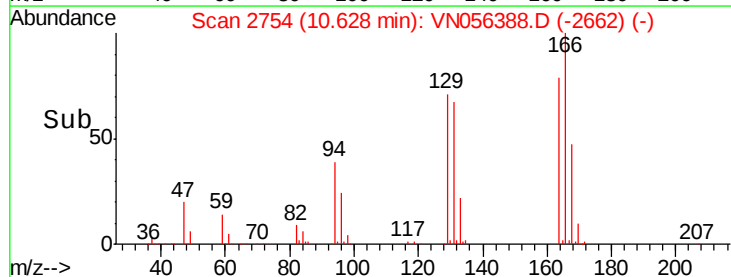
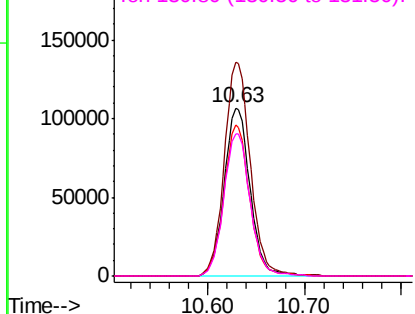


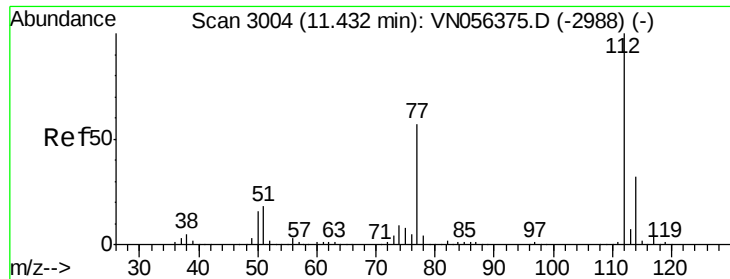
#64
Tetrachloroethene
Concen: 47.617 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion:164 Resp: 198312
Ion Ratio Lower Upper
164 100
166 127.0 103.4 155.0
129 90.0 72.0 108.0
131 84.8 70.2 105.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

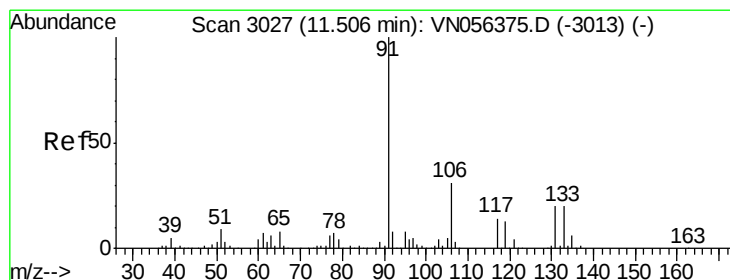
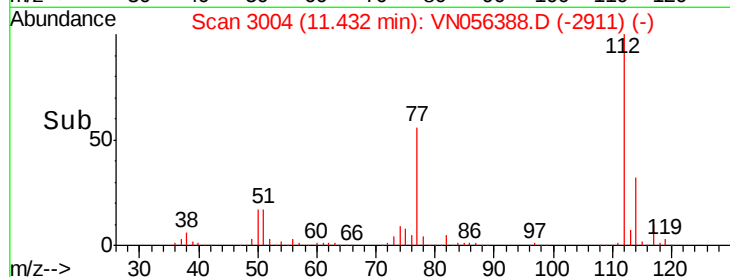
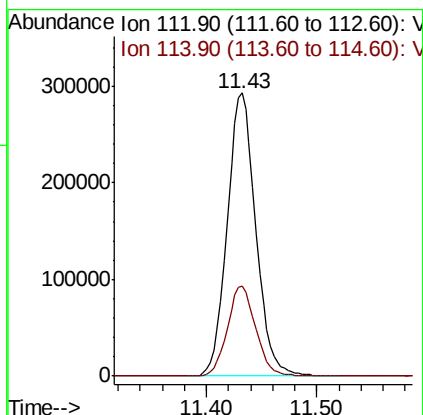
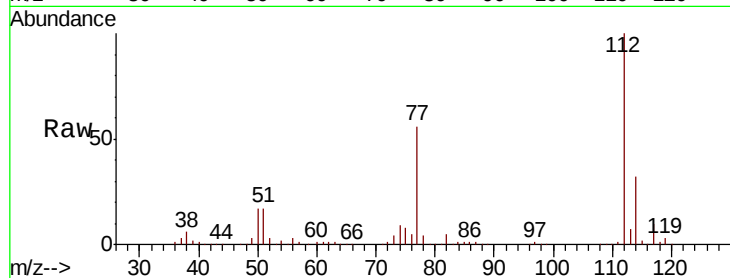




#65
Chlorobenzene
Concen: 49.717 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

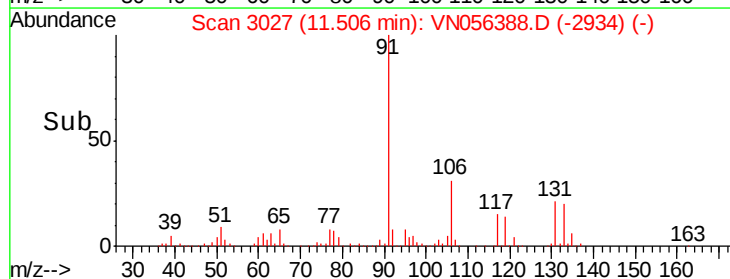
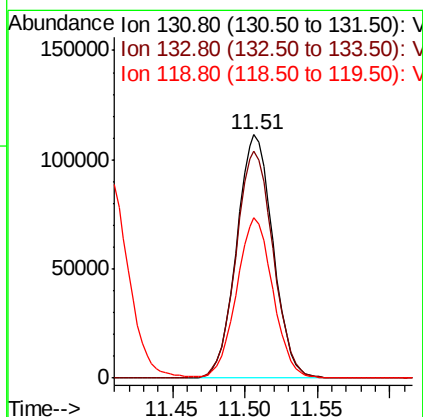
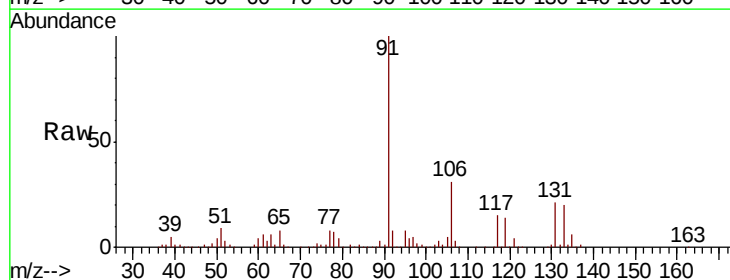
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

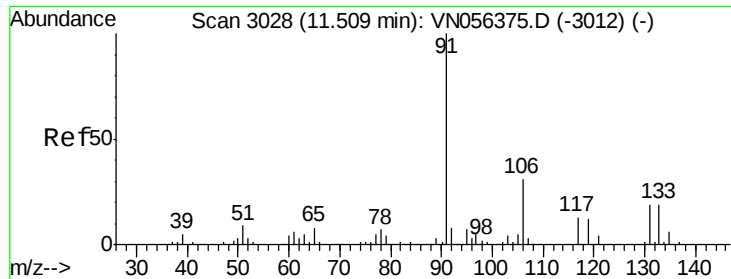
Tot Ion:112 Resp: 525379
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.368 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion:131 Resp: 194175
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 65.6 32.8 98.4

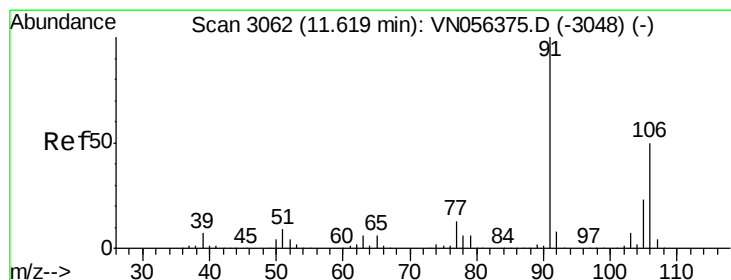
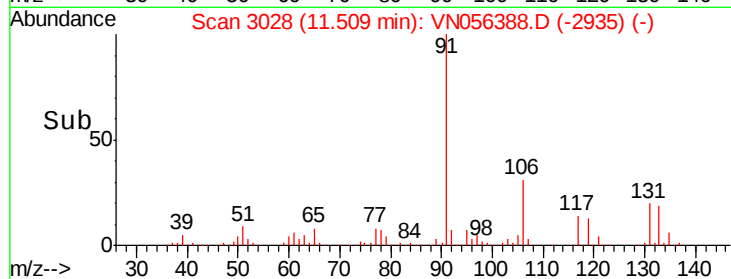
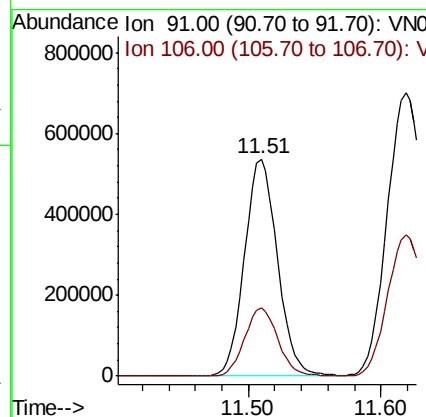
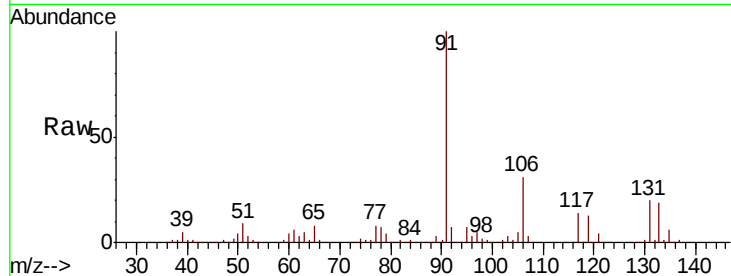




#67
Ethyl Benzene
Concen: 50.010 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

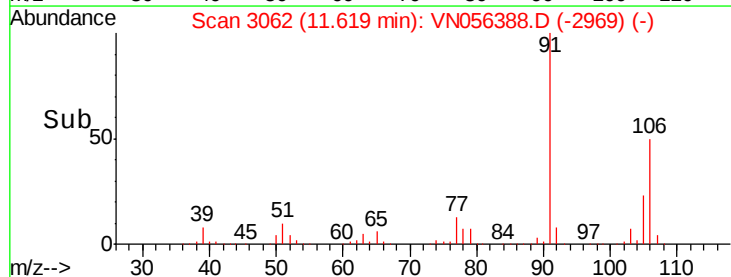
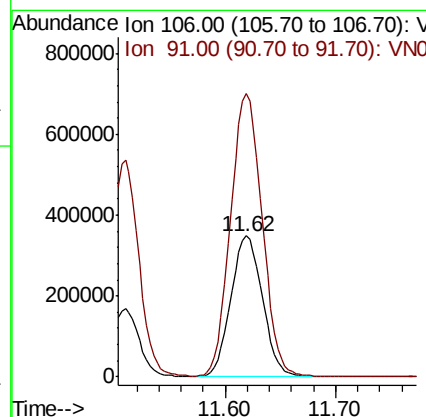
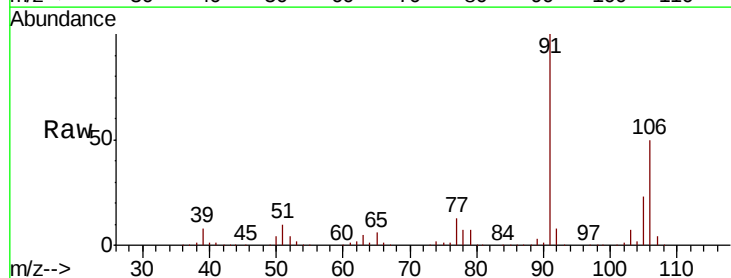
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

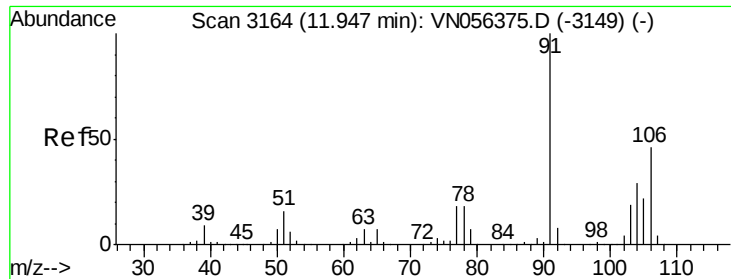
Tot Ion: 91 Resp: 927924
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 102.180 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 106 Resp: 694810
Ion Ratio Lower Upper
106 100
91 200.9 160.1 240.1

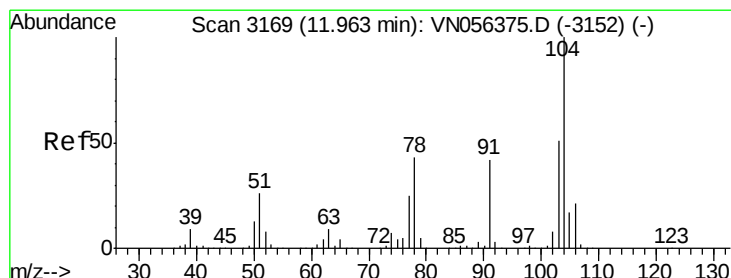
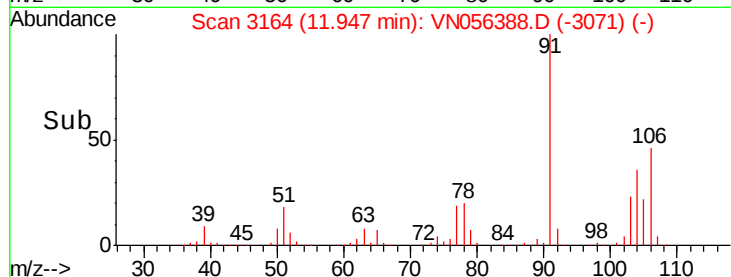
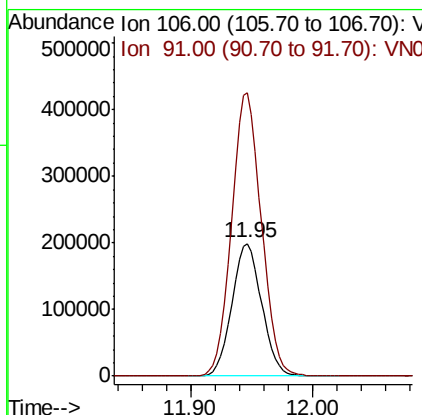
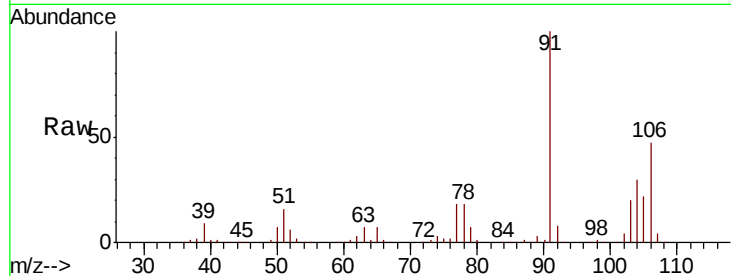




#69
o-Xylene
Concen: 50.219 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

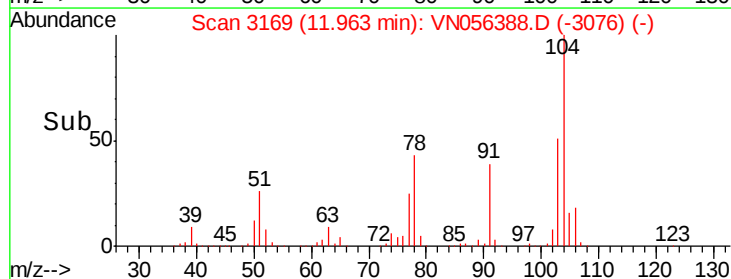
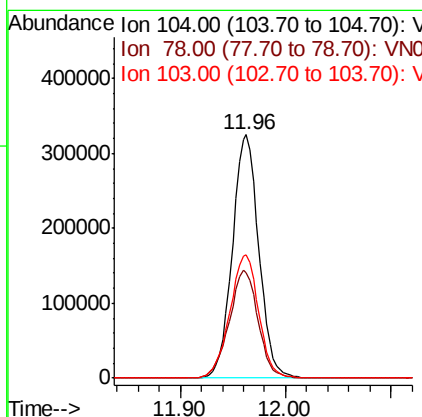
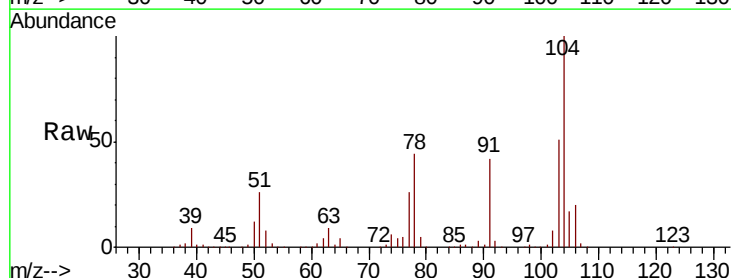
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

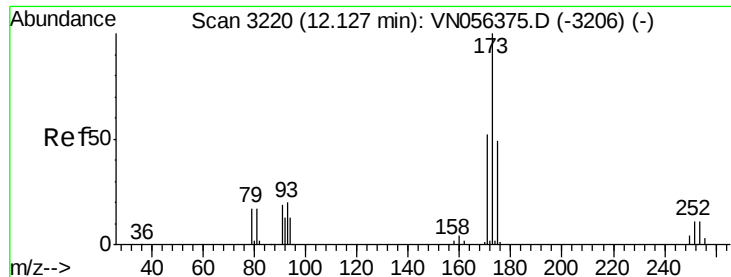
Tot Ion:106 Resp: 337840
Ion Ratio Lower Upper
106 100
91 212.9 107.1 321.3



#70
Styrene
Concen: 52.313 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion:104 Resp: 562534
Ion Ratio Lower Upper
104 100
78 48.4 38.6 57.8
103 55.4 43.9 65.9

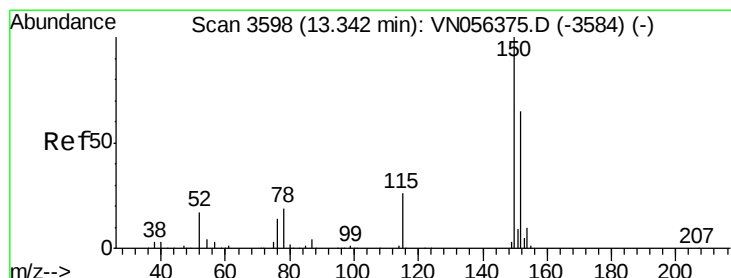
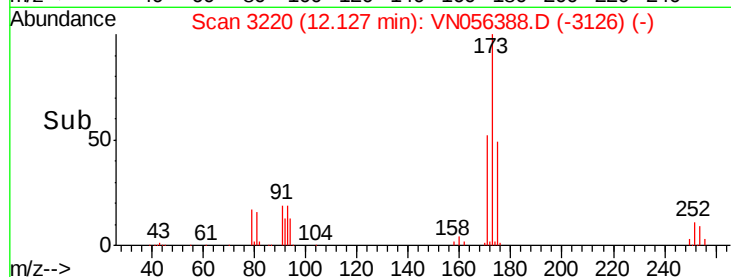
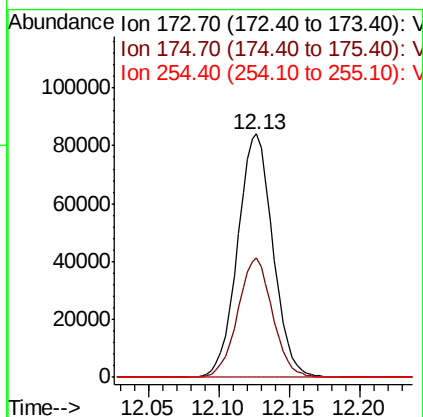
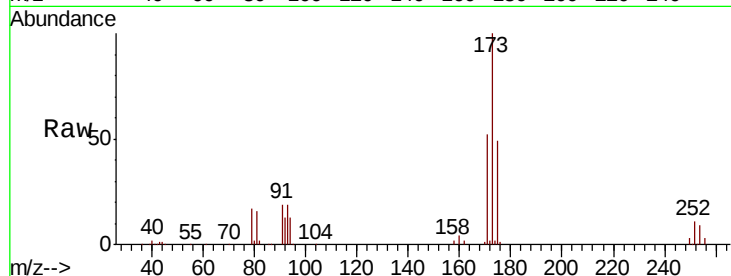




#71
Bromoform
Concen: 51.031 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

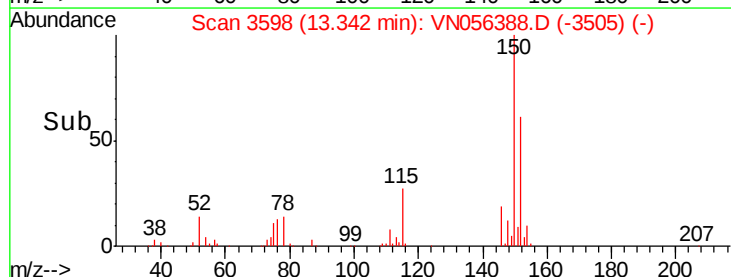
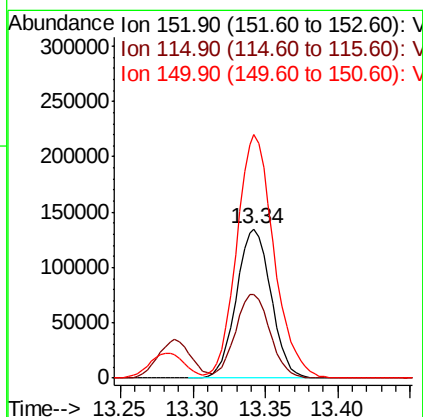
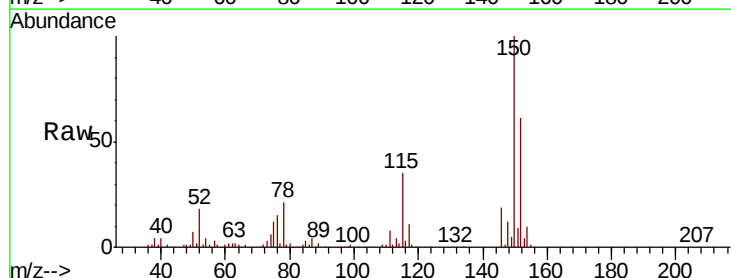
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

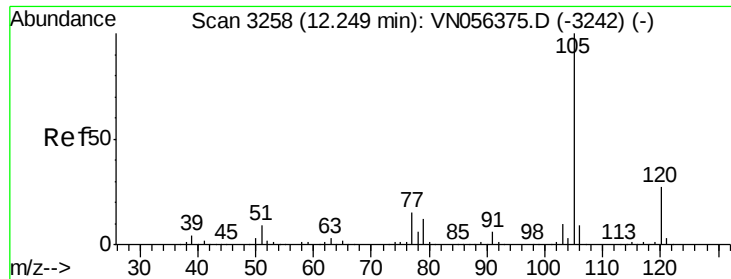
Tot Ion:173 Resp: 147231
Ion Ratio Lower Upper
173 100
175 48.4 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion:152 Resp: 223482
Ion Ratio Lower Upper
152 100
115 56.2 28.1 84.4
150 175.1 0.0 348.4





#73

Isopropylbenzene

Concen: 54.103 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

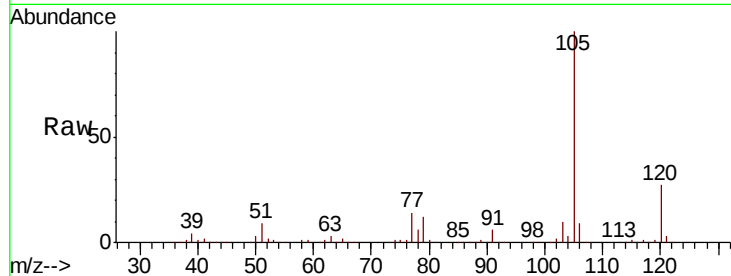
VSTDCCC050

Tot Ion:105 Resp: 904457

Ion Ratio Lower Upper

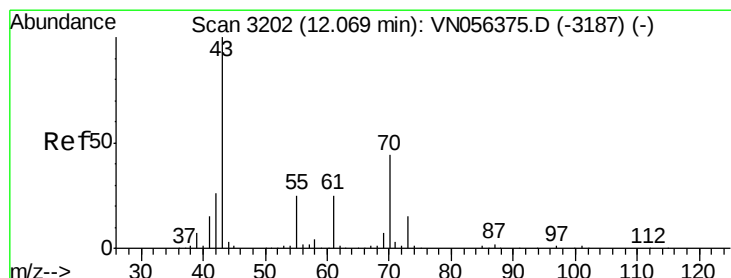
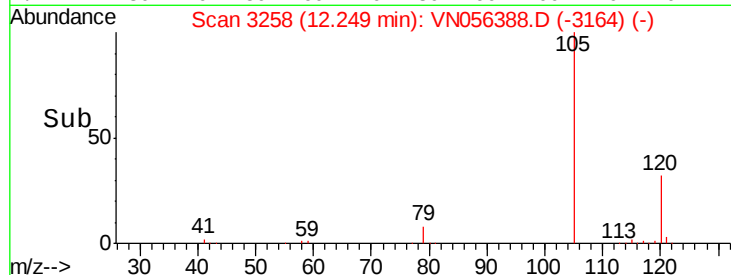
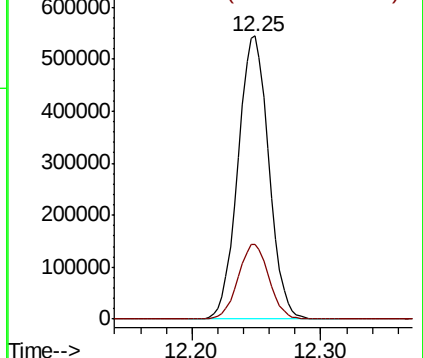
105 100

120 26.5 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: 48.371 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Tgt Ion: 43 Resp: 344037

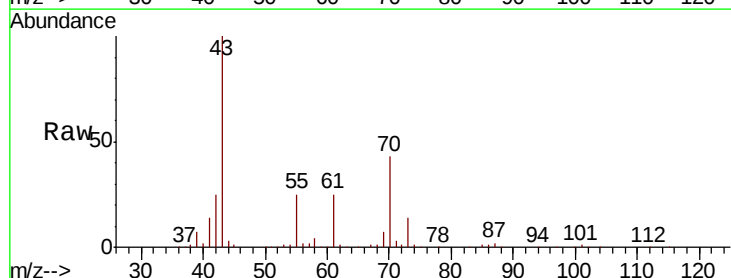
Ion Ratio Lower Upper

43 100

70 43.2 34.9 52.3

55 25.0 20.4 30.6

61 24.9 19.8 29.8

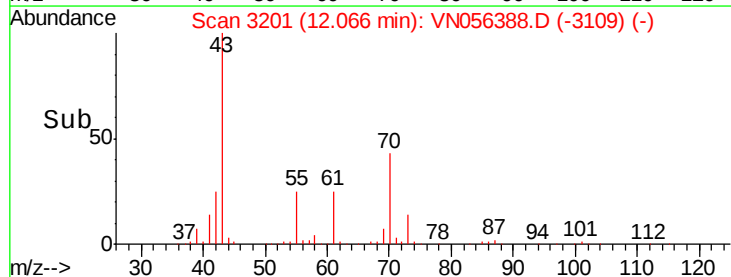
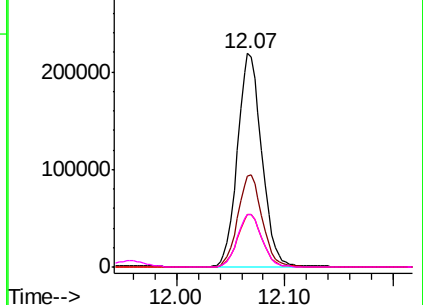


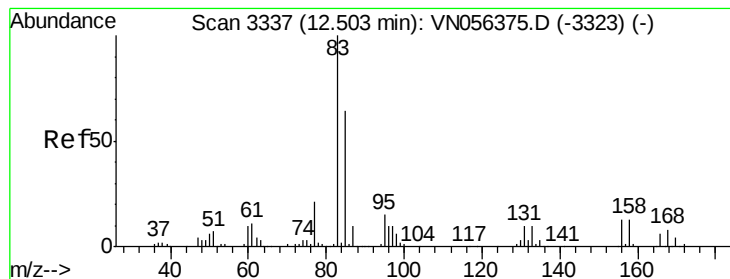
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 56.883 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

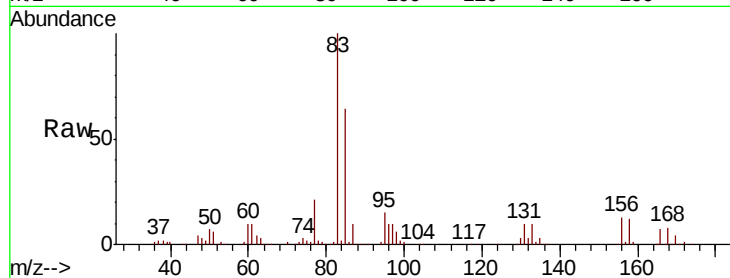
Tot Ion: 83 Resp: 293395

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

85 64.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN056375.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN056375.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN056375.D (-3323) (-)

12.50

200000

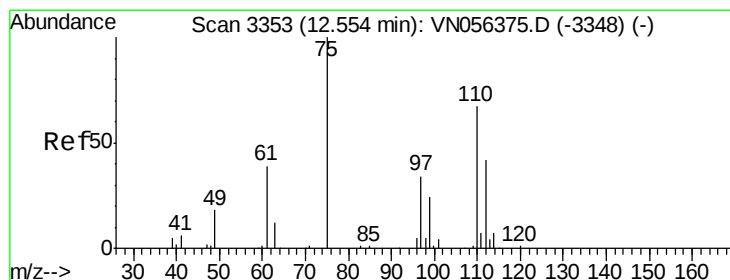
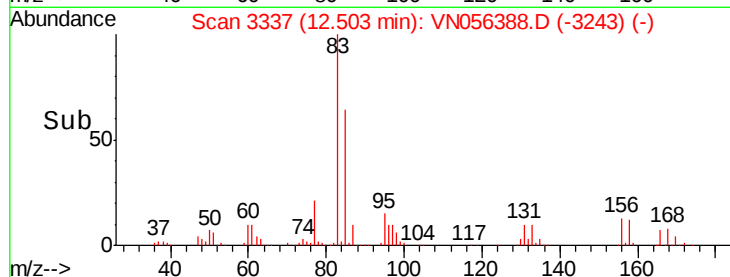
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 74.242 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056388.D

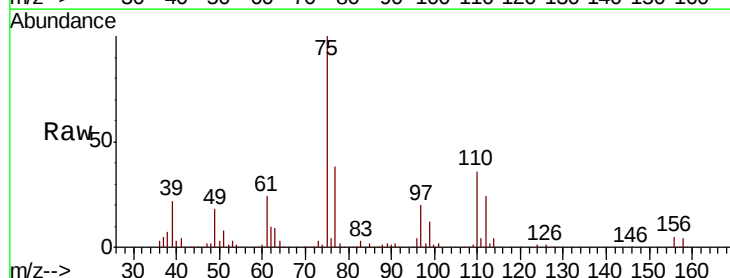
Acq: 20 Jun 2019 9:25

Tgt Ion: 75 Resp: 344035

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN056375.D (-3348) (-)

12.55

200000

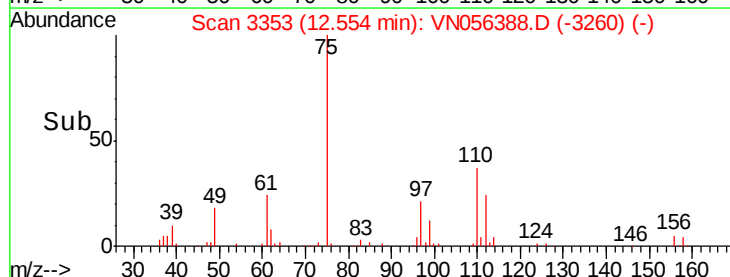
150000

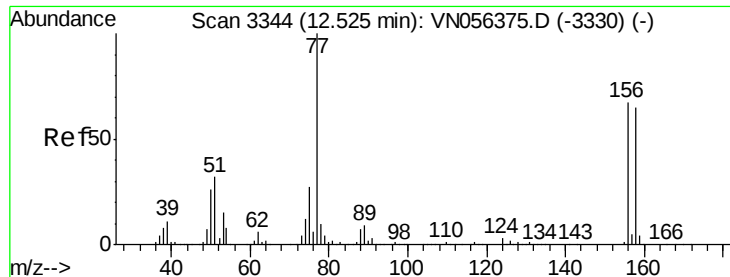
100000

50000

0

Time-->

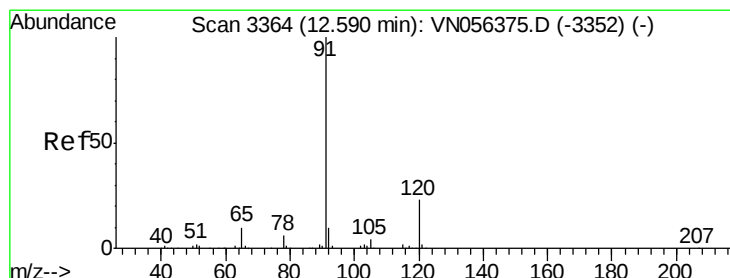
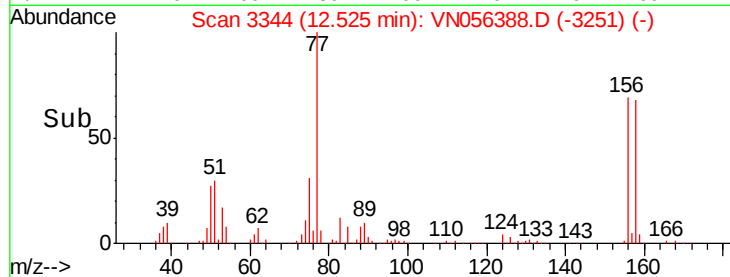
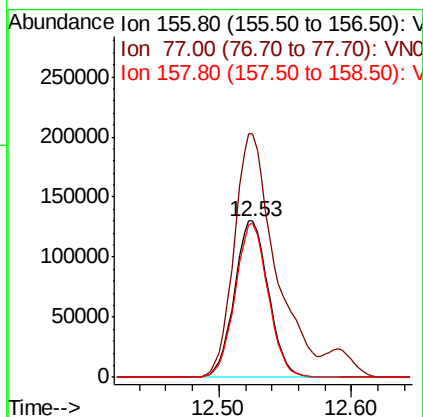
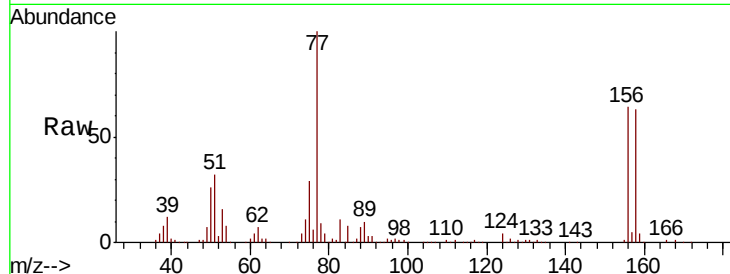




#77
Bromobenzene
Concen: 46.310 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

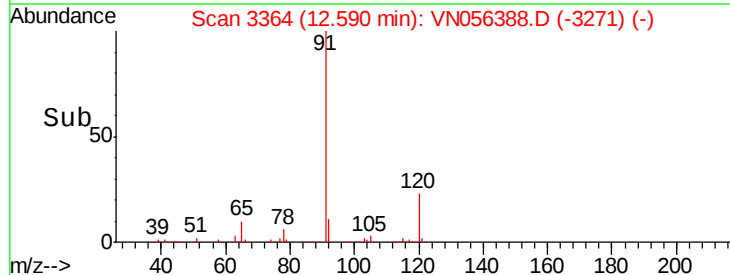
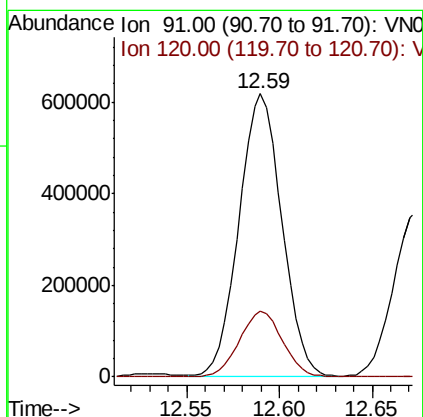
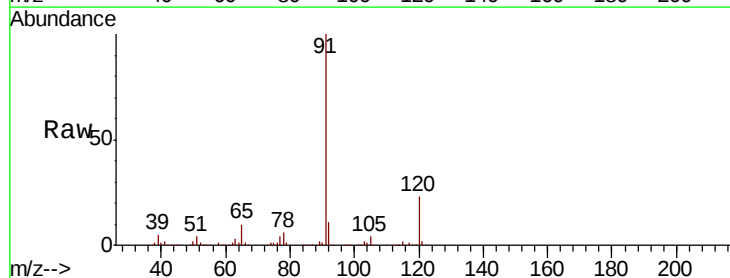
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

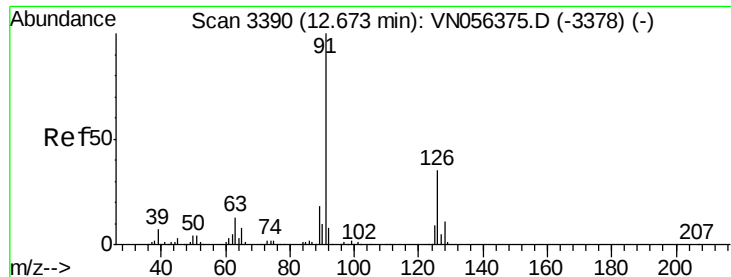
Tot Ion:156 Resp: 231413
Ion Ratio Lower Upper
156 100
77 189.2 92.5 277.3
158 95.6 48.7 146.1



#78
n-propylbenzene
Concen: 48.269 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 91 Resp: 987850
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.4





#79

2-Chlorotoluene

Concen: 53.001 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

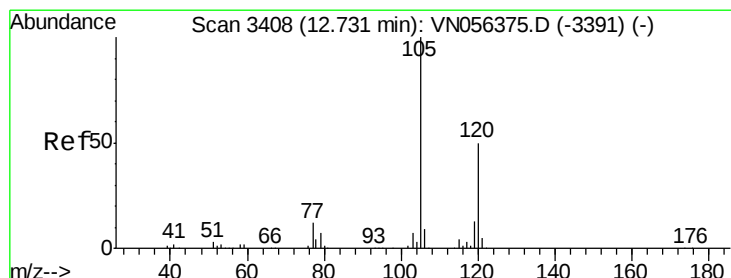
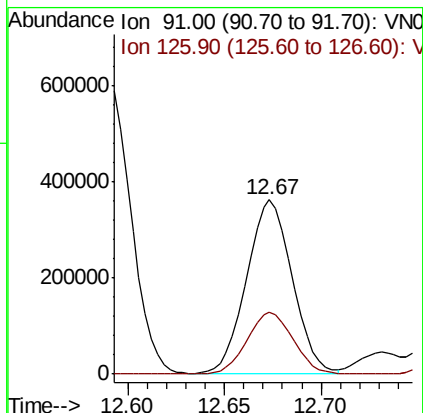
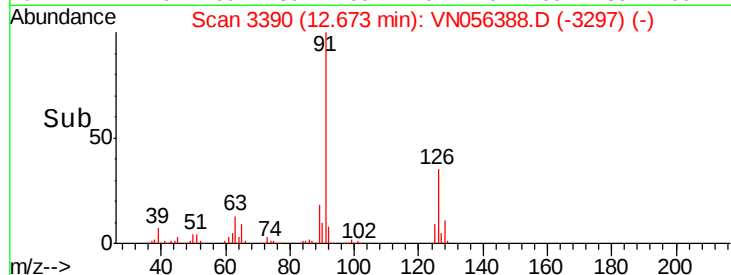
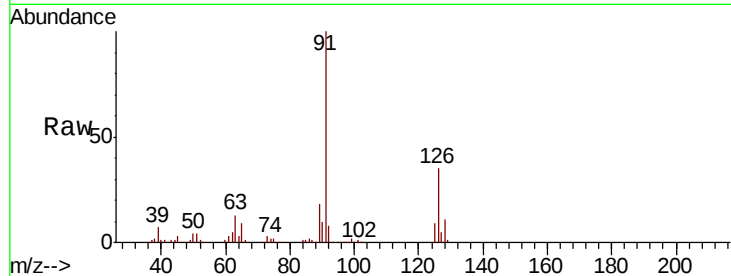
VSTDCCC050

Tot Ion: 91 Resp: 593073

Ion Ratio Lower Upper

91 100

126 35.8 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 52.973 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056388.D

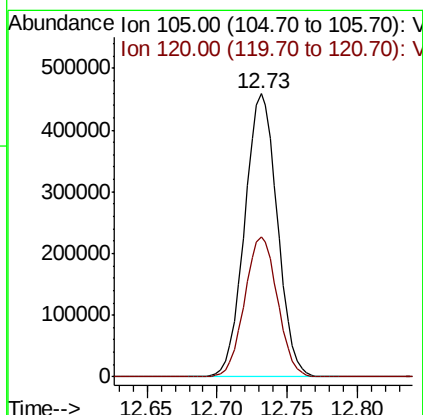
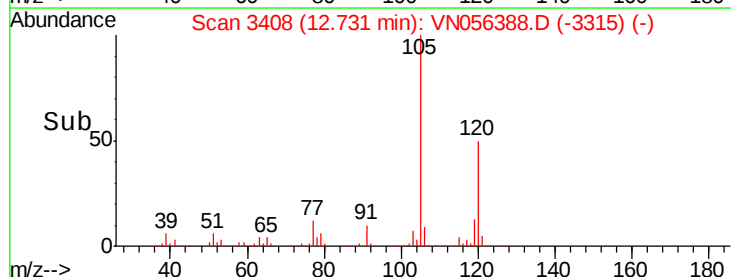
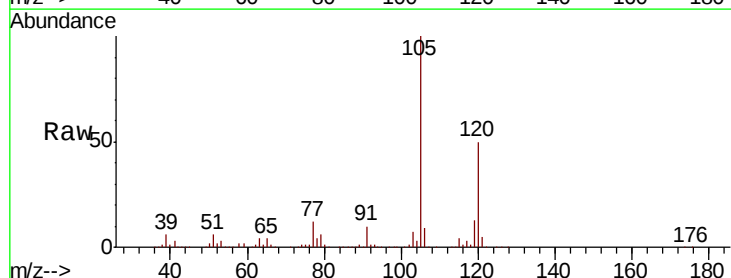
Acq: 20 Jun 2019 9:25

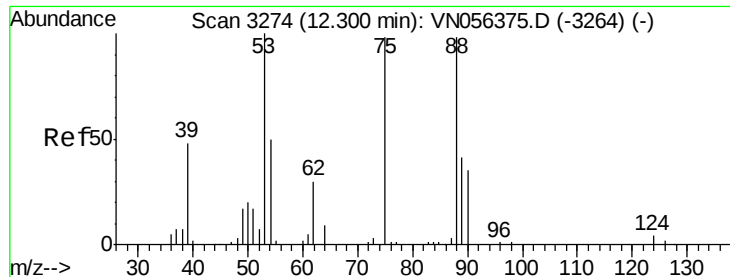
Tgt Ion: 105 Resp: 743155

Ion Ratio Lower Upper

105 100

120 49.8 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 57.887 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

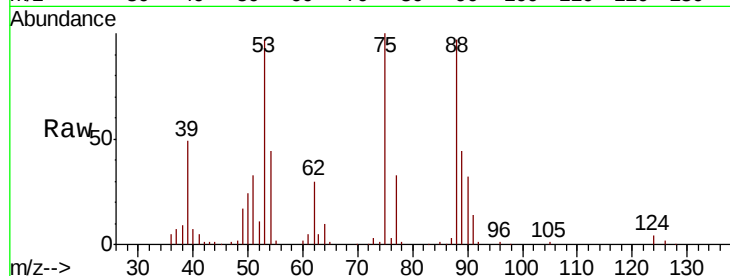
Tot Ion: 75 Resp: 75474

Ion Ratio Lower Upper

75 100

53 96.2 83.9 125.9

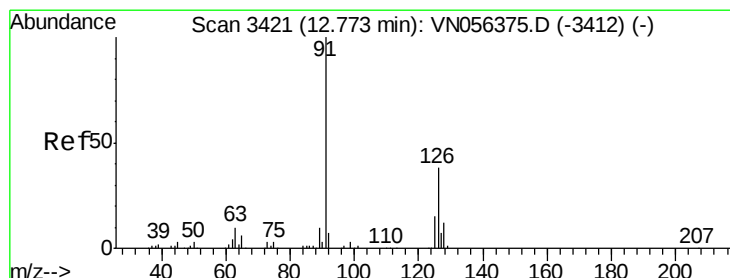
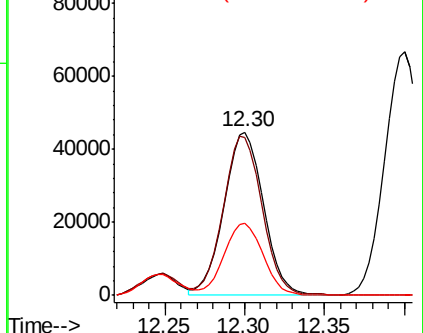
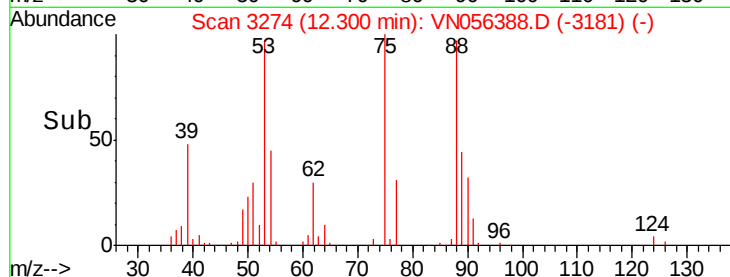
89 43.7 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.602 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056388.D

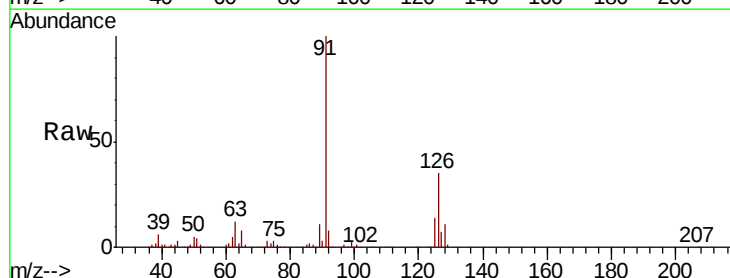
Acq: 20 Jun 2019 9:25

Tgt Ion: 91 Resp: 575215

Ion Ratio Lower Upper

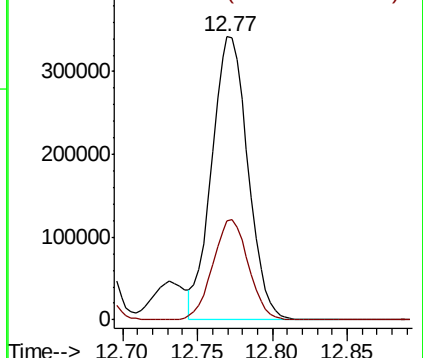
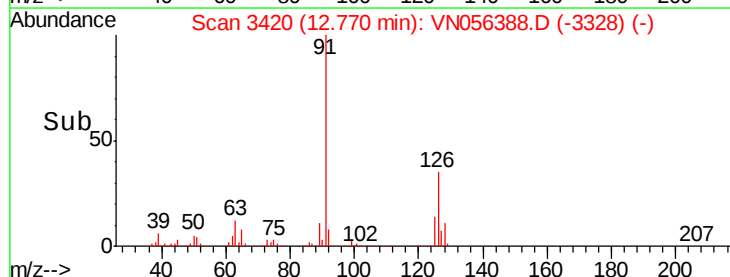
91 100

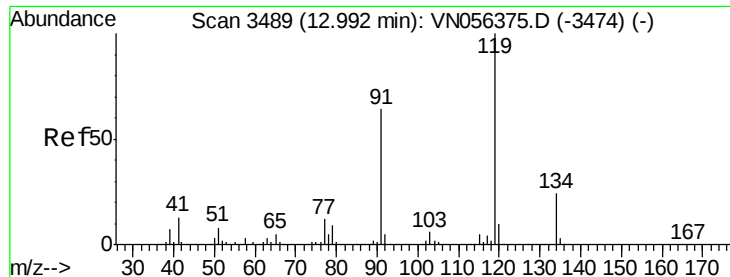
126 34.9 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

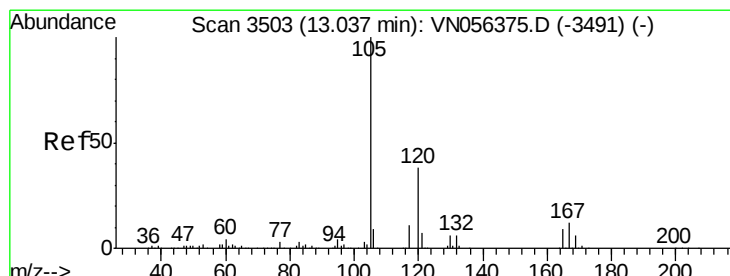
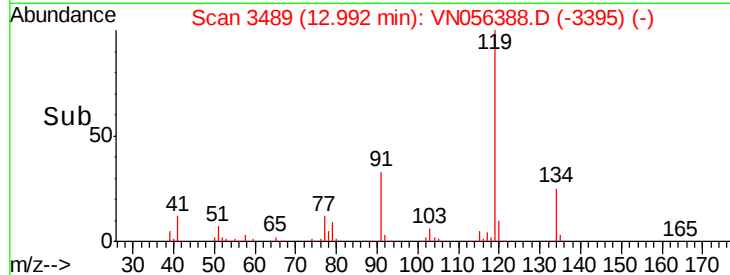
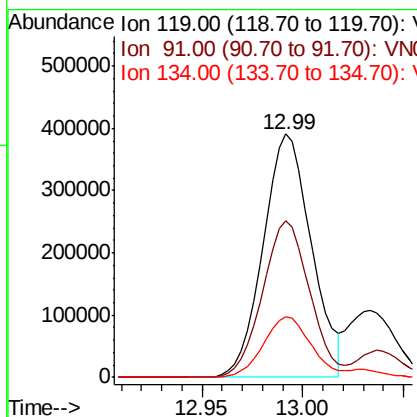
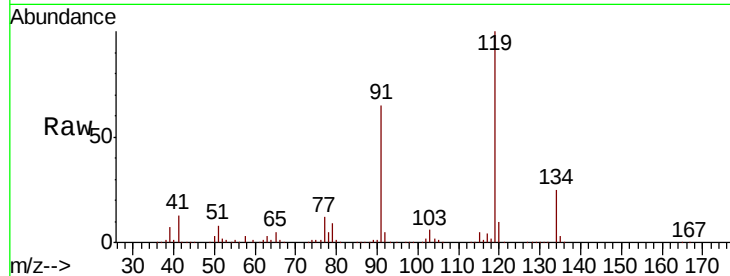




#83
 tert-Butylbenzene
 Concen: 53.226 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

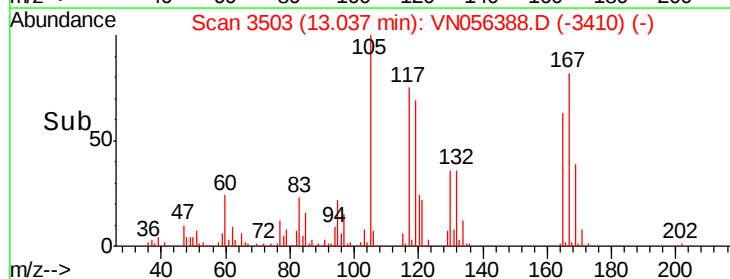
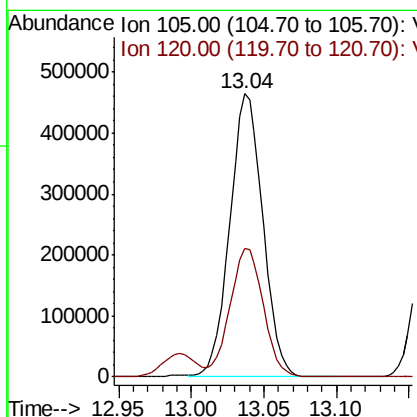
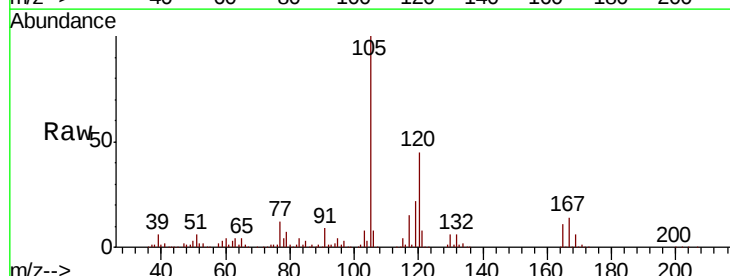
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

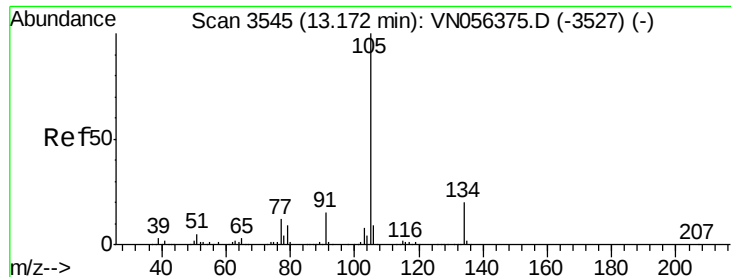
Tot Ion:119 Resp: 650132
 Ion Ratio Lower Upper
 119 100
 91 62.8 31.6 94.7
 134 24.6 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.537 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion:105 Resp: 730226
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.8

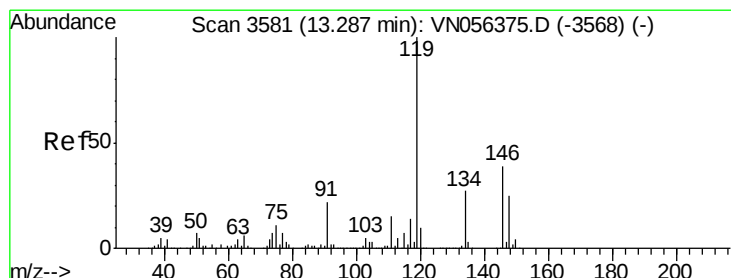
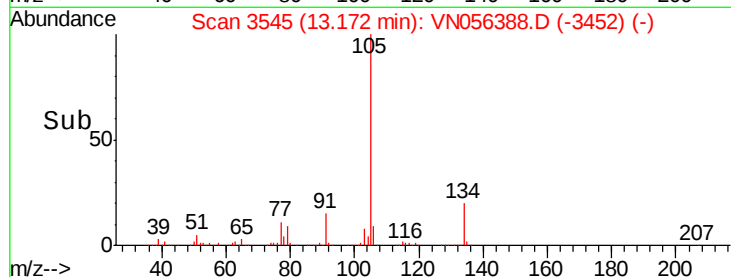
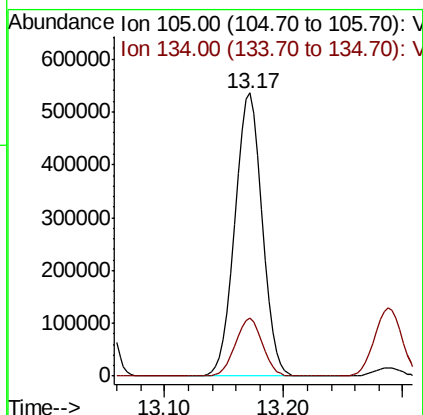
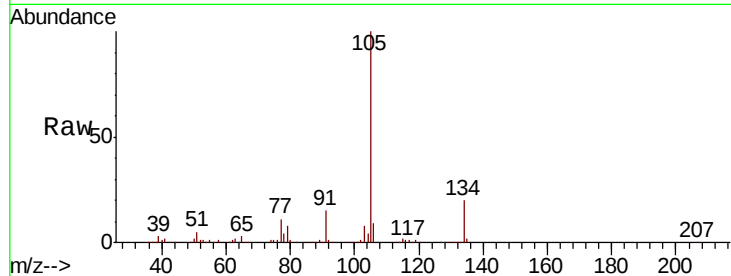




#85
 sec-Butylbenzene
 Concen: 47.304 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

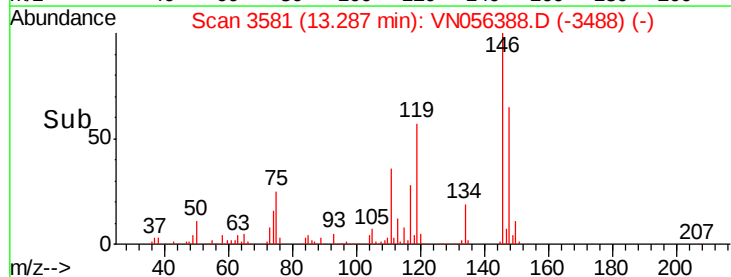
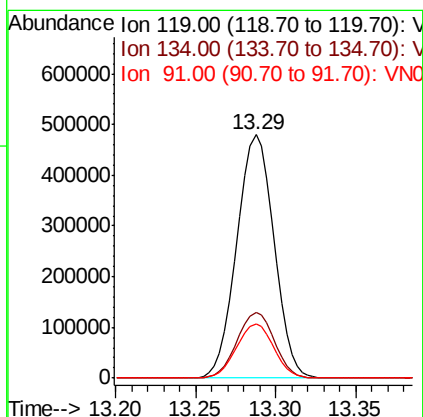
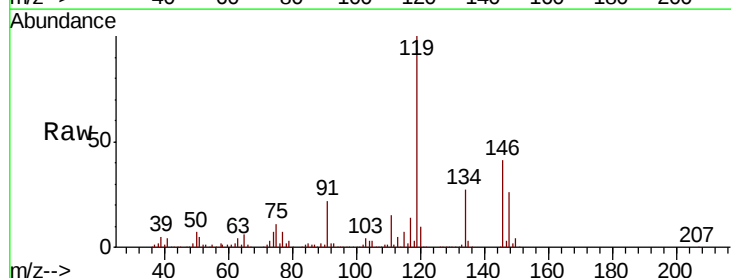
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

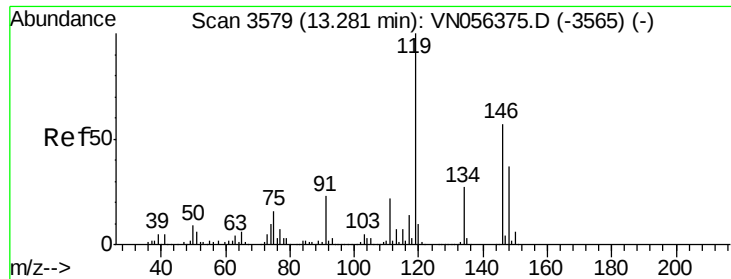
Tot Ion:105 Resp: 850898
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 49.115 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion:119 Resp: 758211
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.5 40.4
 91 22.2 11.2 33.5

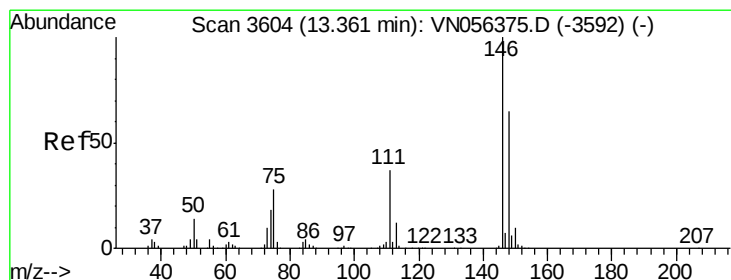
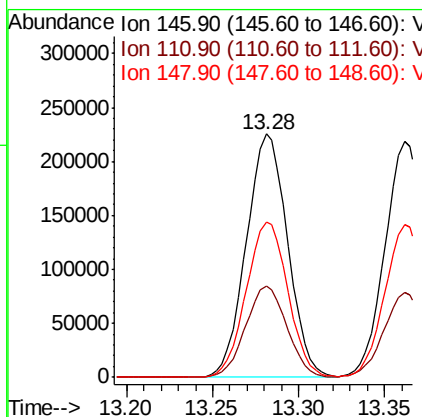
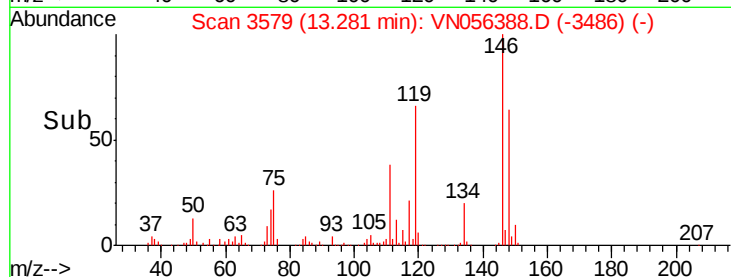
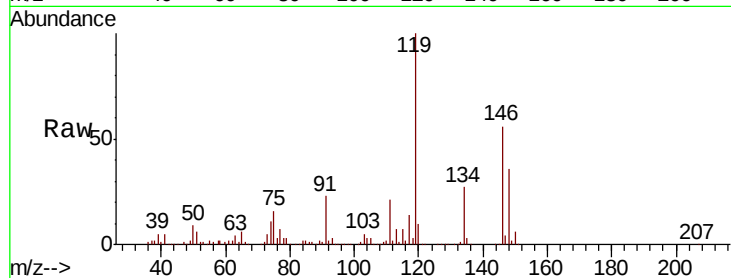




#87
 1,3-Dichlorobenzene
 Concen: 49.561 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

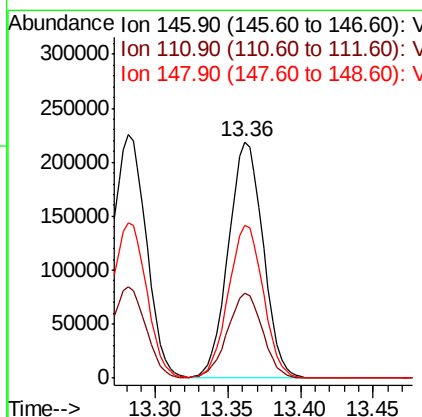
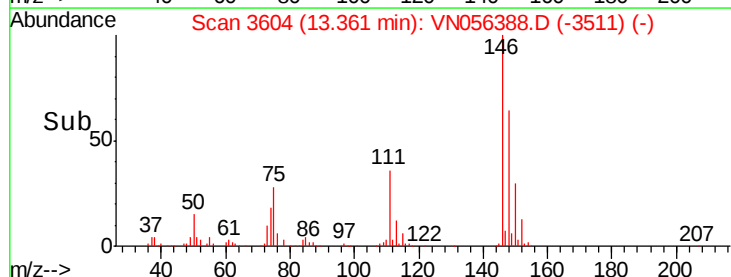
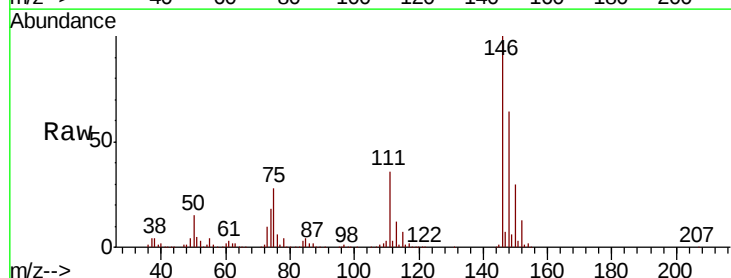
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

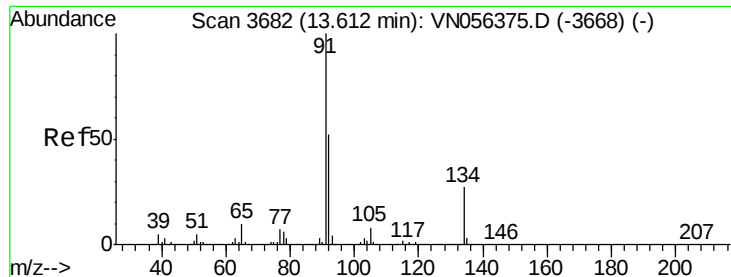
Tot Ion:146 Resp: 375320
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 64.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.558 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion:146 Resp: 363468
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.4 55.4
 148 64.9 32.4 97.0

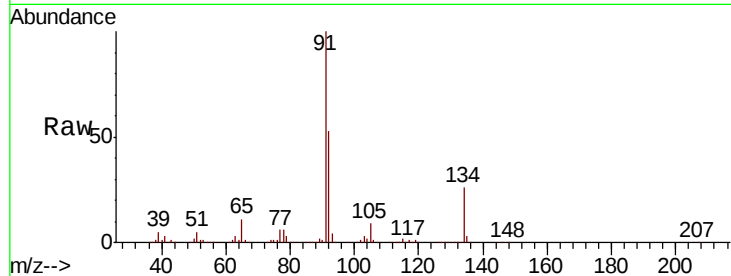




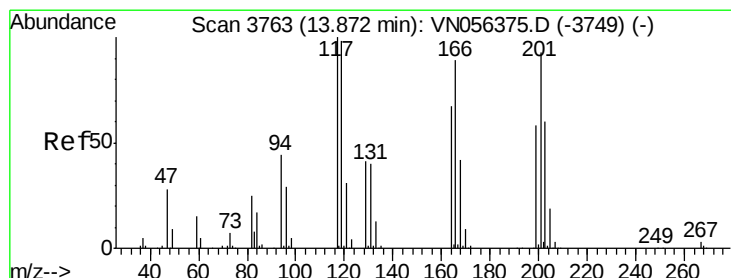
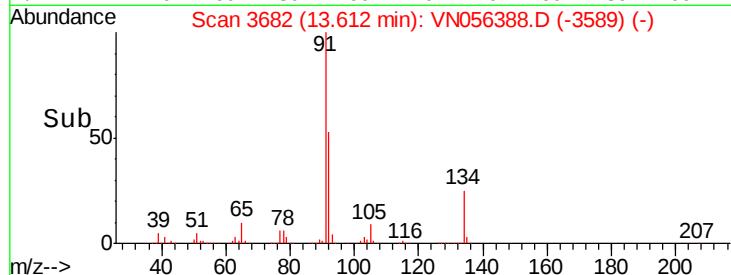
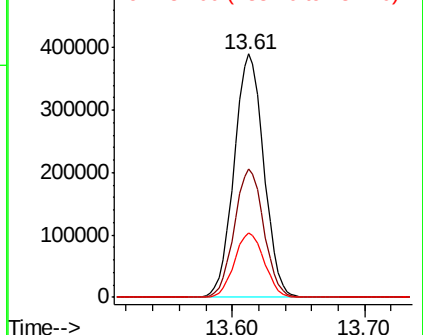
#89
n-Butylbenzene
Concen: 51.693 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 604108
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 26.7 13.4 40.2

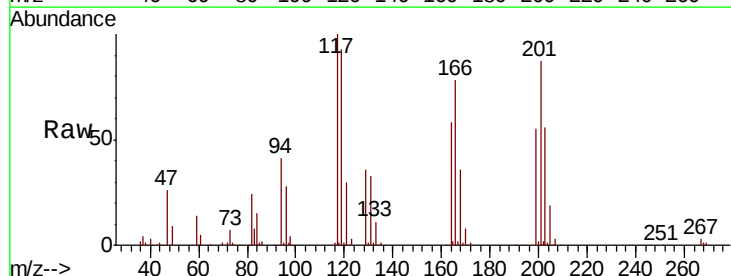


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

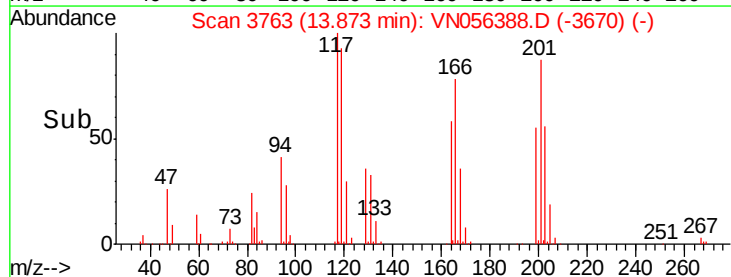
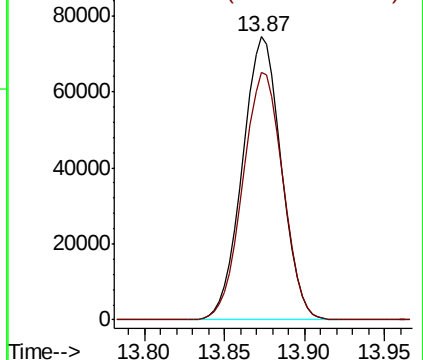


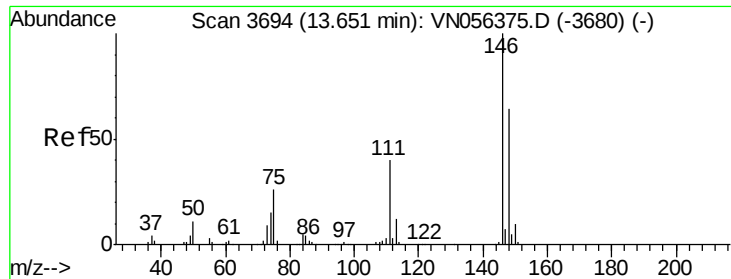
#90
Hexachloroethane
Concen: 51.302 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 117 Resp: 123472
Ion Ratio Lower Upper
117 100
201 90.1 45.9 137.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

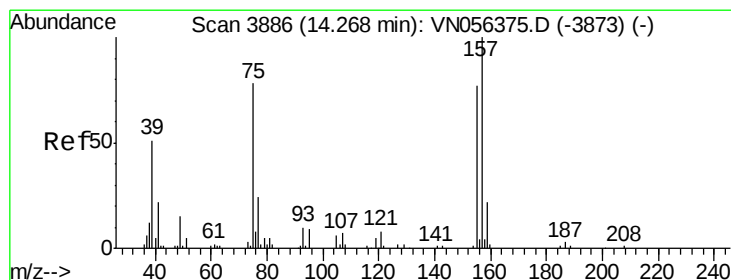
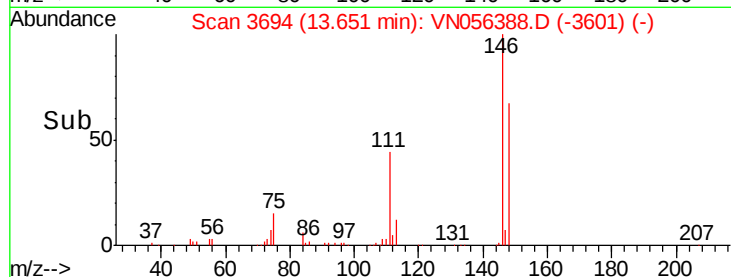
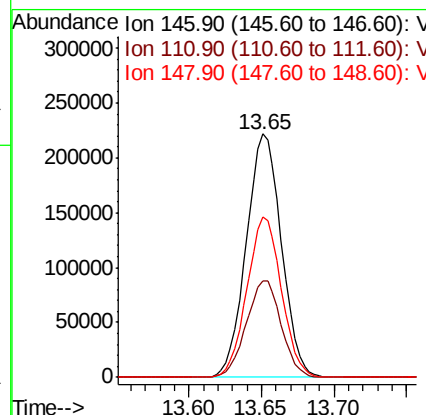
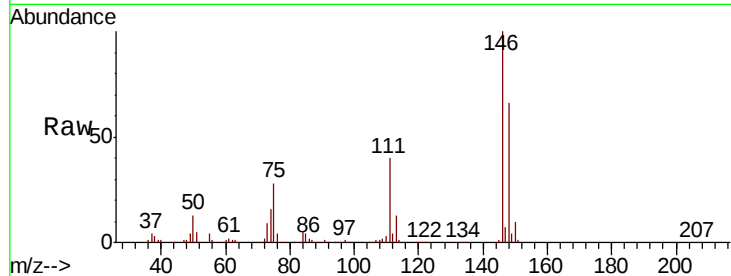




#91
 1,2-Dichlorobenzene
 Concen: 49.760 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

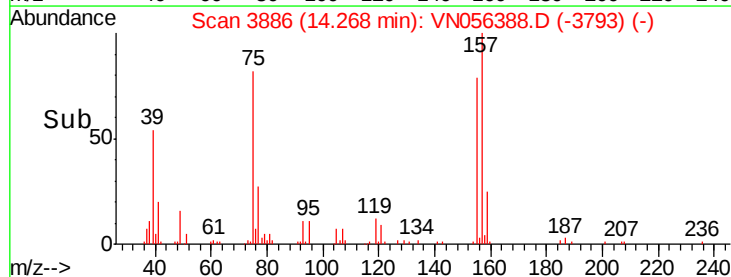
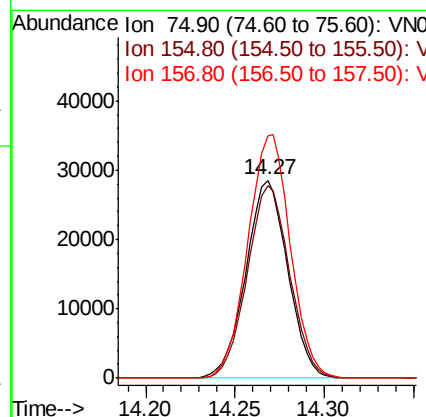
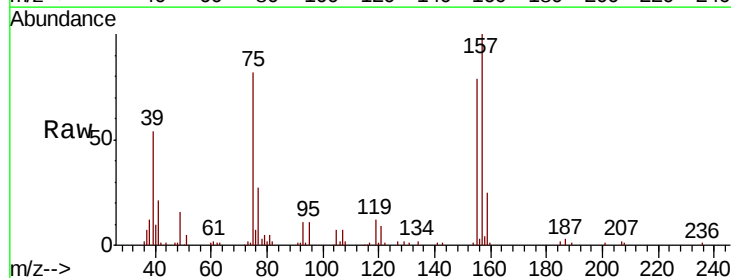
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

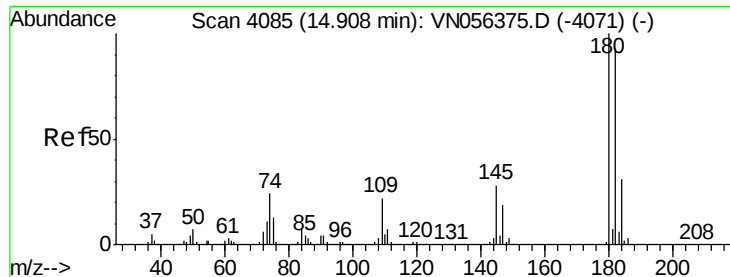
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.3	57.9
148	64.7	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.645 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	48.9	146.8
157	125.2	62.9	188.8

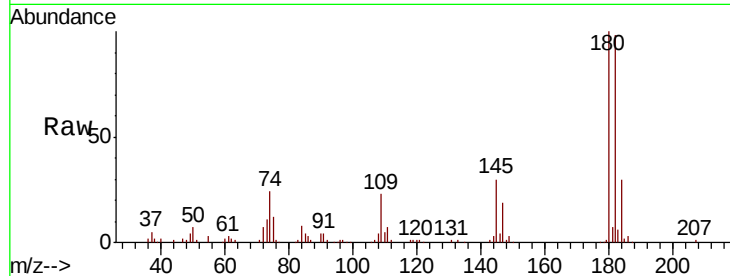




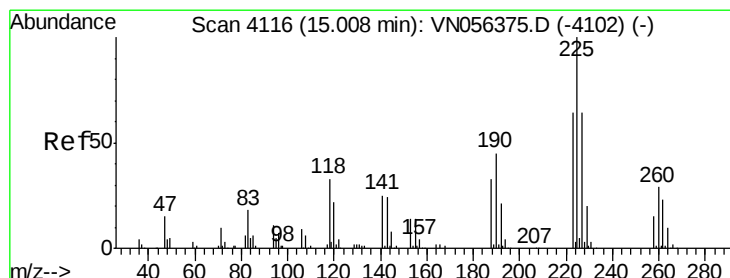
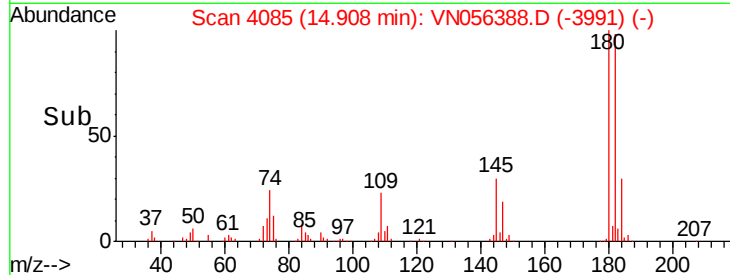
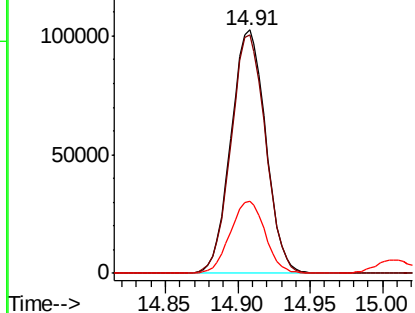
#93
 1,2,4-Trichlorobenzene
 Concen: 44.464 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	46.9	140.6
145	29.7	14.4	43.0

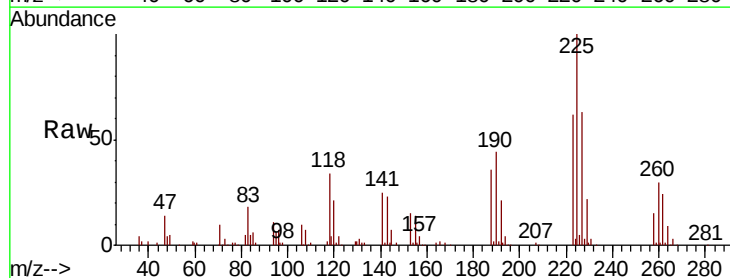


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

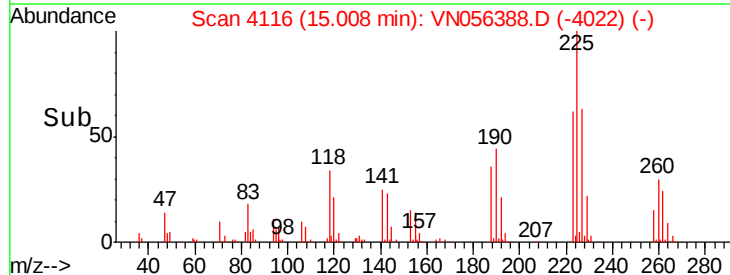
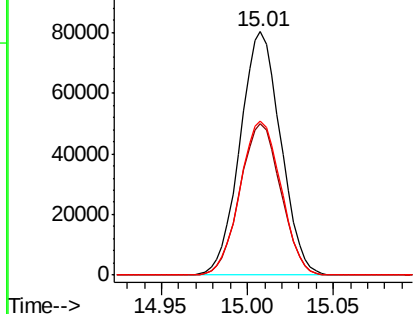


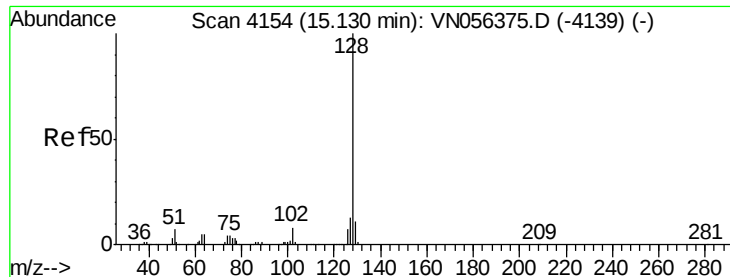
#94
 Hexachlorobutadiene
 Concen: 51.692 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	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: 44.783 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

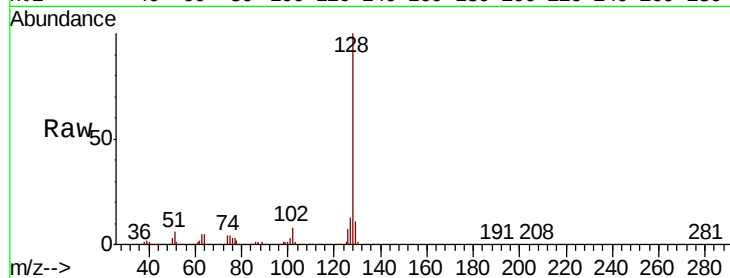
Tot Ion:128 Resp: 451686

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

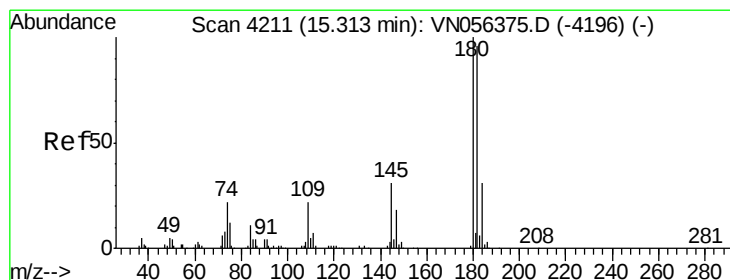
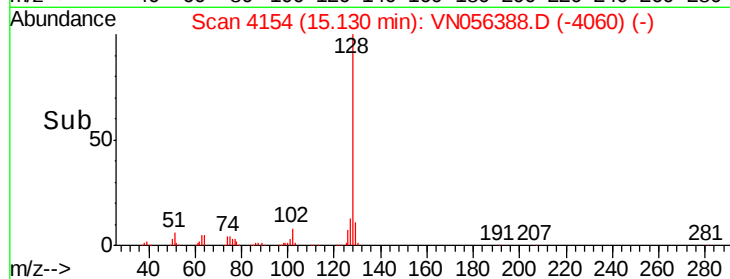
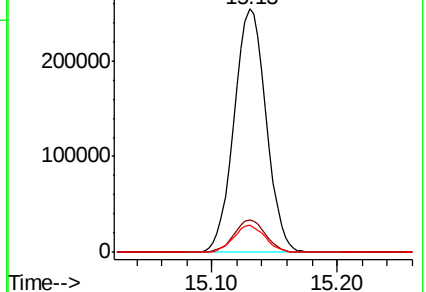
129 11.0 8.6 12.8



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: 46.393 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

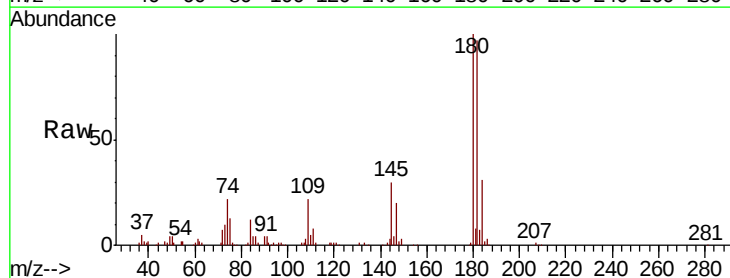
Tgt Ion:180 Resp: 186647

Ion Ratio Lower Upper

180 100

182 96.6 48.3 144.8

145 30.3 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

