

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071219\
 Data File : VN056666.D
 Acq On : 11 Jul 2019 15:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 12 04:48:18 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	321379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	467632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	421291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	202301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	164949	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
35) Dibromofluoromethane	7.59	113	149036	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.09	98	544064	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.40	95	197174	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	108621	39.916	ug/l	98
3) Chloromethane	2.06	50	139208	37.570	ug/l	98
4) Vinyl Chloride	2.18	62	143391	40.067	ug/l	99
5) Bromomethane	2.54	94	73524	35.044	ug/l	98
6) Chloroethane	2.69	64	86032	41.511	ug/l	97
7) Trichlorofluoromethane	3.00	101	204853	44.251	ug/l	98
8) Diethyl Ether	3.41	74	84784	43.275	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	133992	45.387	ug/l	99
10) Methyl Iodide	3.95	142	148815	37.296	ug/l	99
11) Tert butyl alcohol	4.79	59	134731	224.585	ug/l	98
12) 1,1-Dichloroethene	3.73	96	120424	42.418	ug/l	100
13) Acrolein	3.60	56	63767	126.118	ug/l	99
14) Allyl chloride	4.32	41	218231	46.177	ug/l	98
15) Acrylonitrile	4.98	53	409074	246.482	ug/l	99
16) Acetone	3.81	43	389400	218.206	ug/l	99
17) Carbon Disulfide	4.05	76	225779	34.965	ug/l	100
18) Methyl Acetate	4.32	43	176478	50.500	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	437957	46.620	ug/l	99
20) Methylene Chloride	4.55	84	151071	44.814	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	130226	42.546	ug/l	96
22) Diisopropyl ether	5.95	45	486153	48.982	ug/l	95
23) Vinyl Acetate	5.89	43	1961486	250.566	ug/l	100
24) 1,1-Dichloroethane	5.84	63	268121	47.061	ug/l	100
25) 2-Butanone	6.83	43	571289	241.881	ug/l	99
26) 2,2-Dichloropropane	6.82	77	196661	49.630	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	165573	46.236	ug/l	99
28) Bromochloromethane	7.19	49	132716	47.095	ug/l	98
29) Tetrahydrofuran	7.21	42	360256	249.598	ug/l	98
30) Chloroform	7.37	83	270434	48.104	ug/l	99
31) Cyclohexane	7.65	56	221626	40.294	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	214154	48.058	ug/l	100
36) 1,1-Dichloropropene	7.79	75	185164	44.986	ug/l	99
37) Ethyl Acetate	6.93	43	215427	53.258	ug/l	99
38) Carbon Tetrachloride	7.77	117	176986	49.171	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	223903	44.086	ug/l	98
40) Benzene	8.04	78	598407	47.265	ug/l	99
41) Methacrylonitrile	7.21	41	314697	176.186	ug/l #	12
42) 1,2-Dichloroethane	8.12	62	199440	47.732	ug/l	100
43) Isopropyl Acetate	8.16	43	333042	53.396	ug/l	100
44) Trichloroethene	8.83	130	162032	47.509	ug/l	99
45) 1,2-Dichloropropane	9.12	63	168051	49.632	ug/l	99
46) Dibromomethane	9.21	93	104205	49.191	ug/l	99
47) Bromodichloromethane	9.40	83	202105	53.793	ug/l	99
48) Methyl methacrylate	9.20	41	161729	51.743	ug/l	99
49) 1,4-Dioxane	9.20	88	67770	1044.817	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	1107151	275.019	ug/l	100
52) Toluene	10.15	92	374465	48.377	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	213373	48.832	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	243131	53.737	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	160575	51.609	ug/l	98
56) Ethyl methacrylate	10.43	69	244022	53.666	ug/l	100
57) 1,3-Dichloropropane	10.71	76	264687	50.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	615989	377.091	ug/l	100
59) 2-Hexanone	10.75	43	825429	278.976	ug/l	100
60) Dibromochloromethane	10.90	129	164553	51.385	ug/l	99
61) 1,2-Dibromoethane	11.00	107	162547	51.151	ug/l	99
64) Tetrachloroethene	10.63	164	155930	46.738	ug/l	97
65) Chlorobenzene	11.43	112	415026	49.027	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	156099	54.560	ug/l	100
67) Ethyl Benzene	11.51	91	729932	49.108	ug/l	100
68) m/p-Xylenes	11.62	106	549760	100.924	ug/l	100
69) o-Xylene	11.95	106	267536	49.643	ug/l	99
70) Styrene	11.96	104	463859	53.849	ug/l	100
71) Bromoform	12.12	173	121524	52.484	ug/l #	99
73) Isopropylbenzene	12.25	105	718060	47.101	ug/l	100
74) N-amyl acetate	12.07	43	281704	43.754	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	238811	50.817	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	291093	69.395	ug/l #	100
77) Bromobenzene	12.52	156	192126	42.473	ug/l	98
78) n-propylbenzene	12.59	91	820908	44.311	ug/l	100
79) 2-Chlorotoluene	12.67	91	486567	47.786	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	618293	48.496	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	66620	56.446	ug/l	93
82) 4-Chlorotoluene	12.77	91	491982	44.977	ug/l	100
83) tert-Butylbenzene	12.99	119	530767	47.717	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	621715	45.651	ug/l	100
85) sec-Butylbenzene	13.17	105	707984	43.479	ug/l	100
86) p-Isopropyltoluene	13.29	119	648942	46.438	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	326746	47.665	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	317894	47.883	ug/l	100
89) n-Butylbenzene	13.61	91	555075	52.470	ug/l	100
90) Hexachloroethane	13.87	117	100351	46.061	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	330507	48.595	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41196	55.035	ug/l	98

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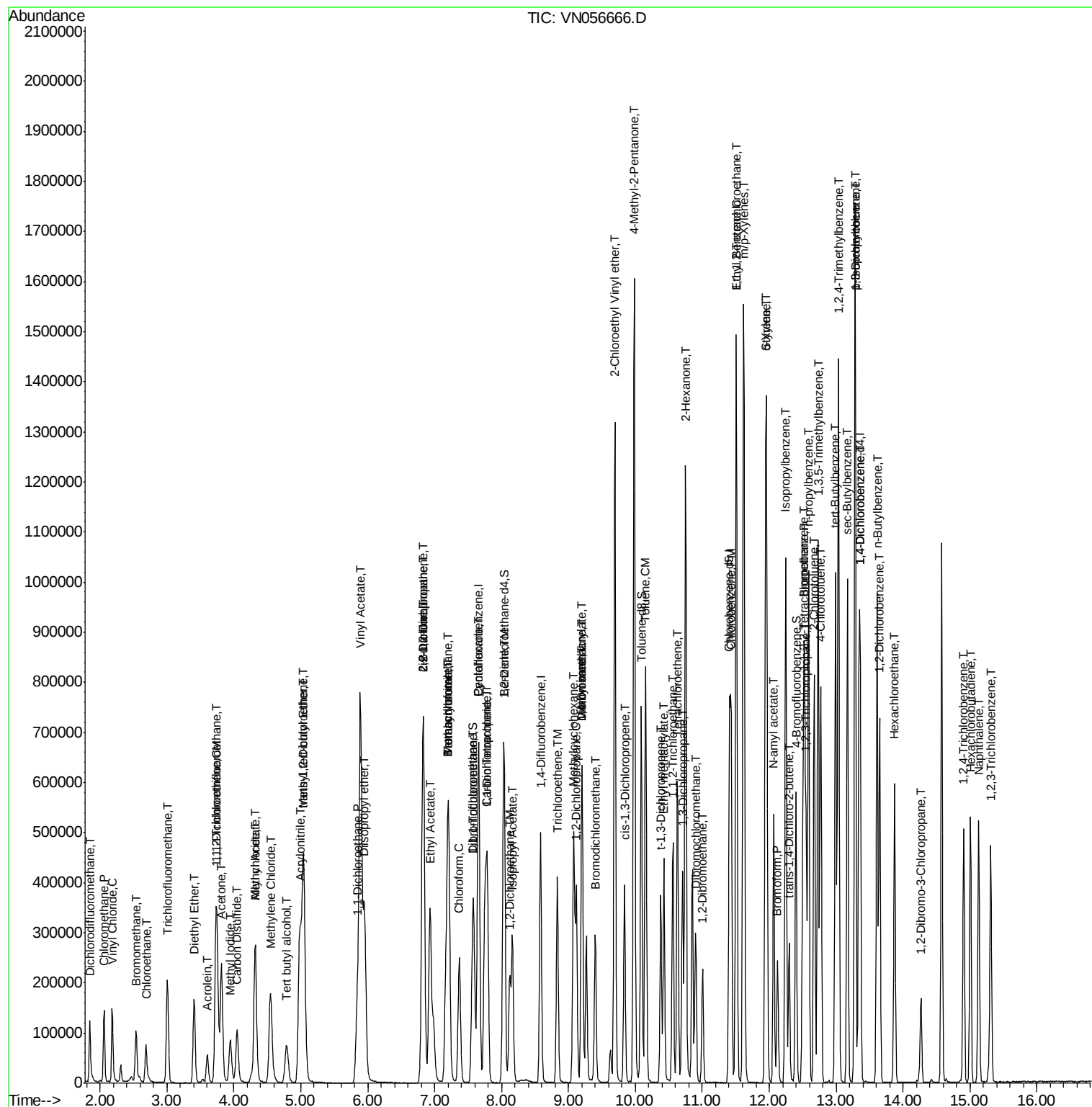
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	180114	50.757	ug/l	99
94) Hexachlorobutadiene	15.01	225	118417	51.431	ug/l	99
95) Naphthalene	15.13	128	464541	50.166	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	181619	49.534	ug/l	98

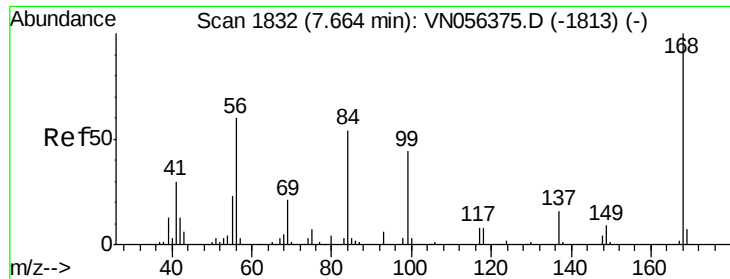
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

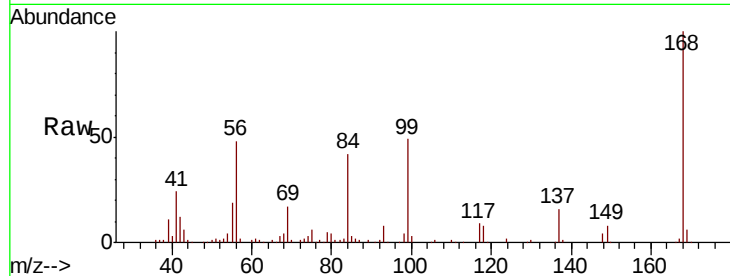
VSTDCCC050

Tot Ion:168 Resp: 321379

Ion Ratio Lower Upper

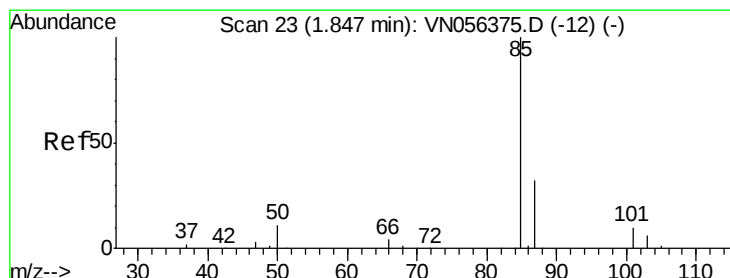
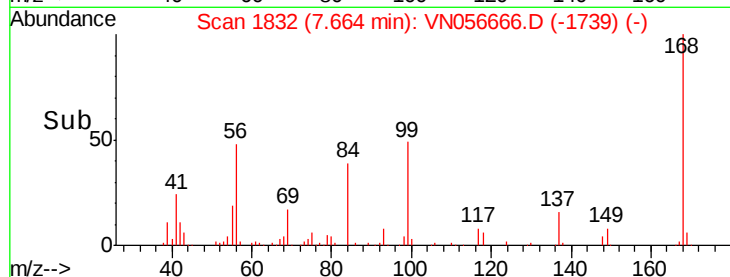
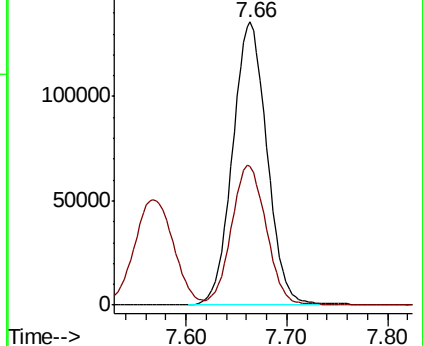
168 100

99 48.6 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: 39.916 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056666.D

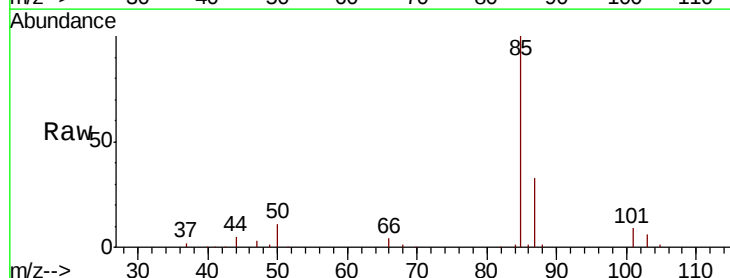
Acq: 11 Jul 2019 15:01

Tgt Ion: 85 Resp: 108621

Ion Ratio Lower Upper

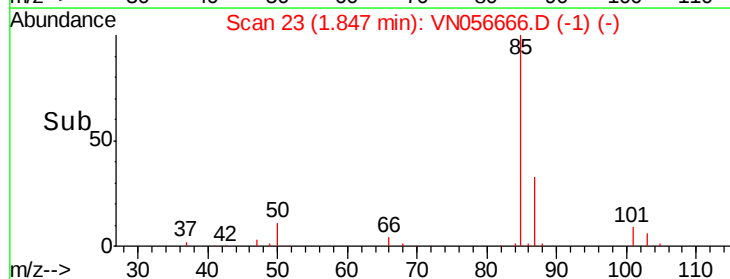
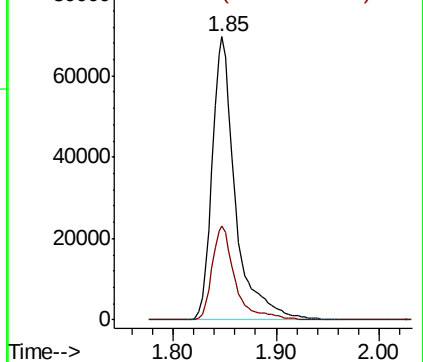
85 100

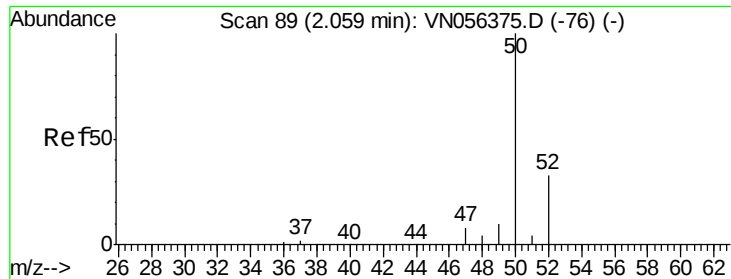
87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 37.570 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

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ClientSampleId :

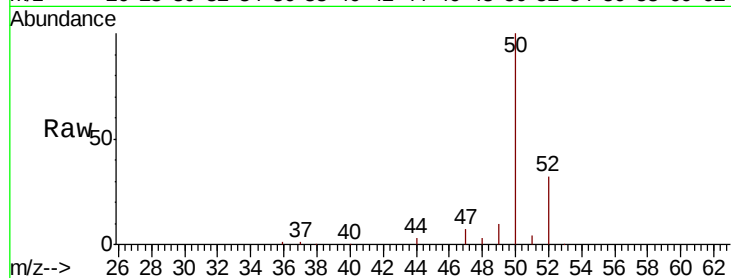
VSTDCCC050

Tot Ion: 50 Resp: 139208

Ion Ratio Lower Upper

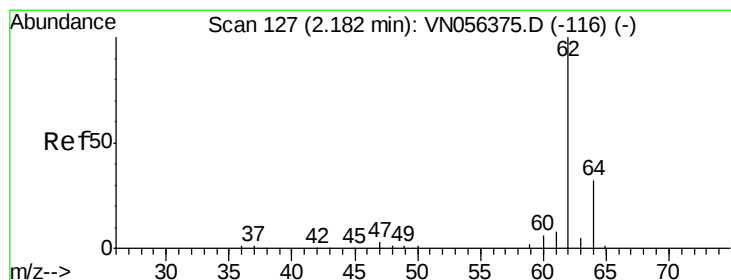
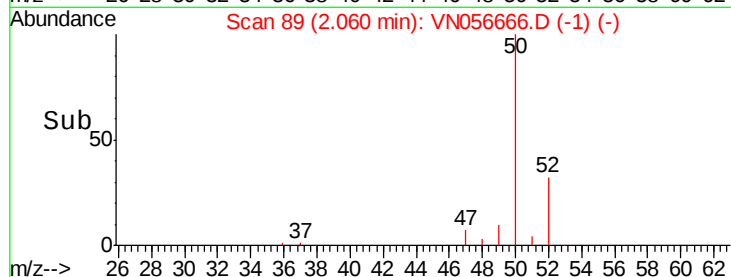
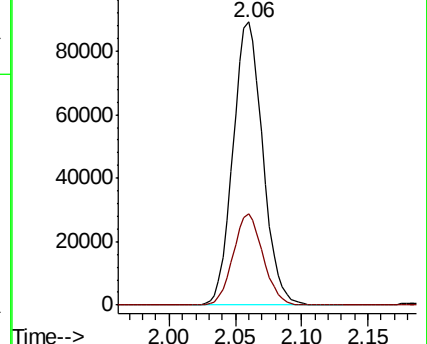
50 100

52 32.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 40.067 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056666.D

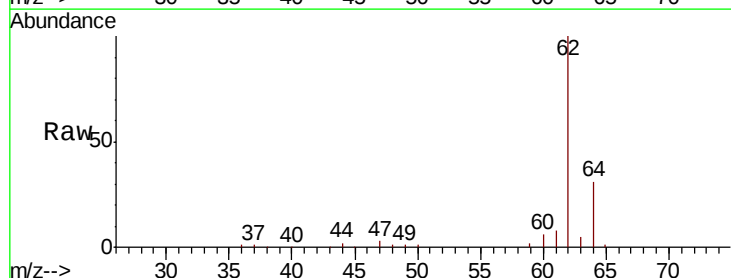
Acq: 11 Jul 2019 15:01

Tgt Ion: 62 Resp: 143391

Ion Ratio Lower Upper

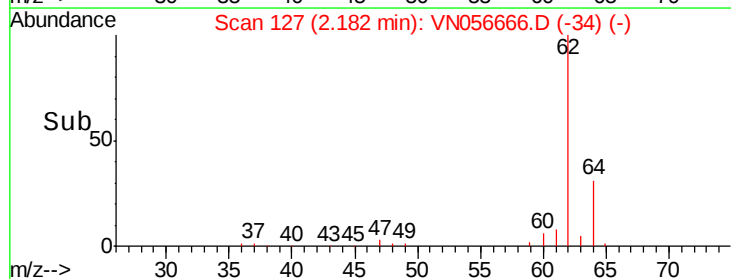
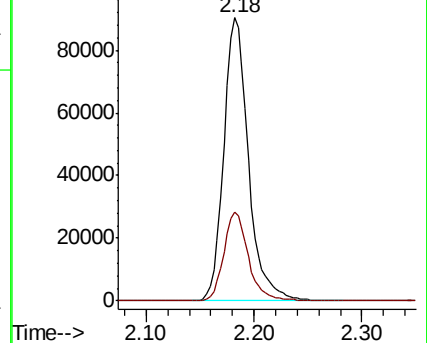
62 100

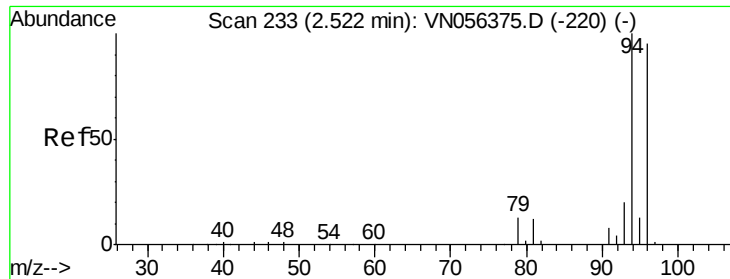
64 31.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

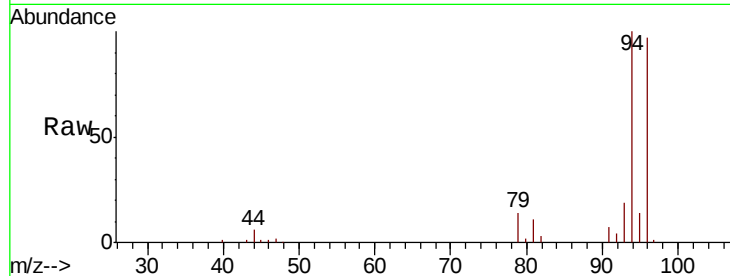




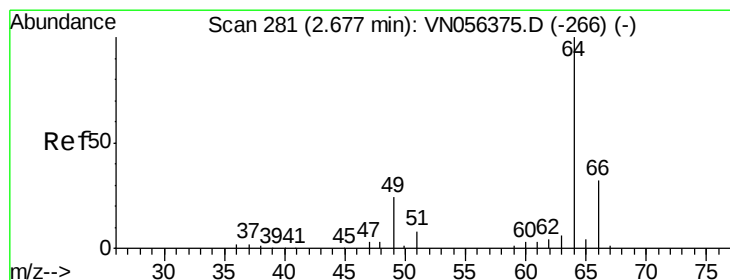
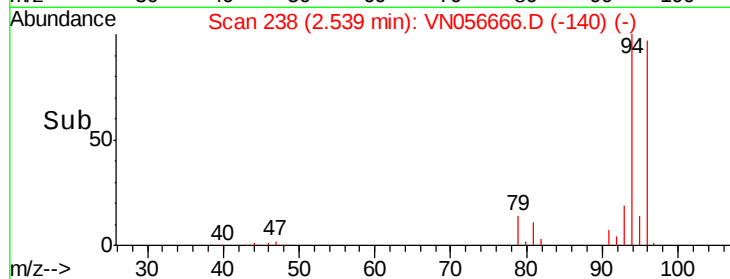
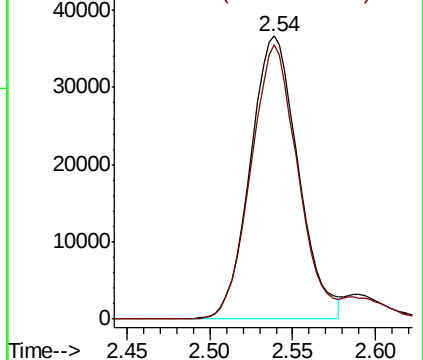
#5
Bromomethane
Concen: 35.044 ug/l
RT: 2.54 min Scan# 238
Delta R.T. 0.02 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
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Tot Ion: 94 Resp: 73524
Ion Ratio Lower Upper
94 100
96 97.0 76.0 114.0

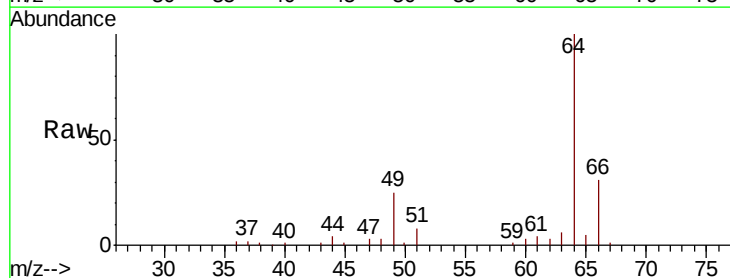


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

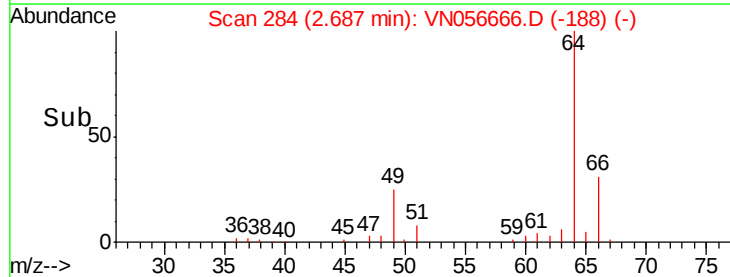
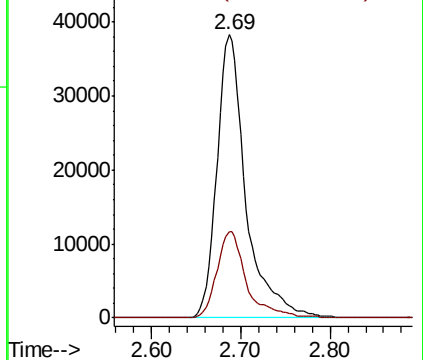


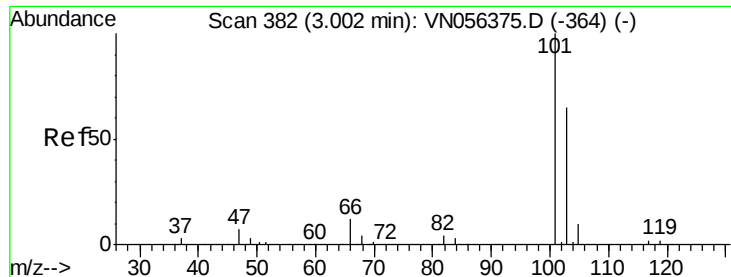
#6
Chloroethane
Concen: 41.511 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 64 Resp: 86032
Ion Ratio Lower Upper
64 100
66 30.6 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



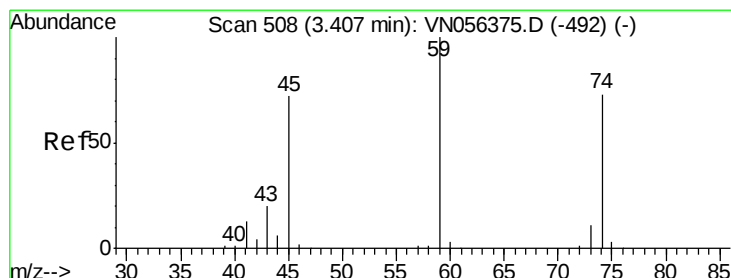
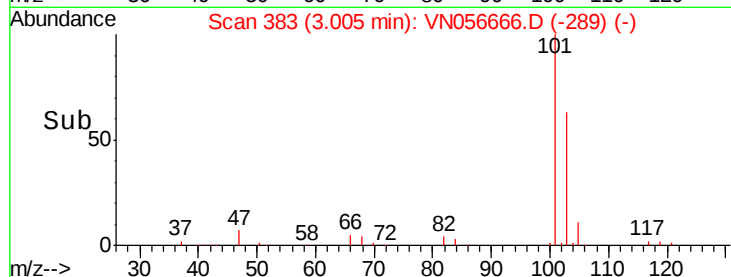
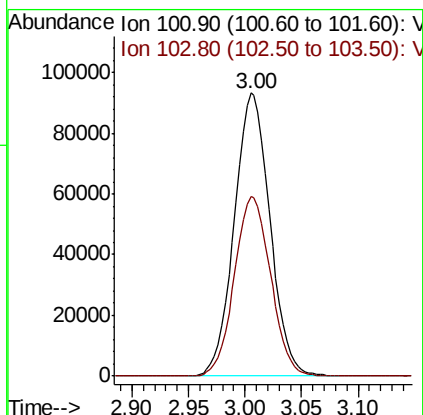
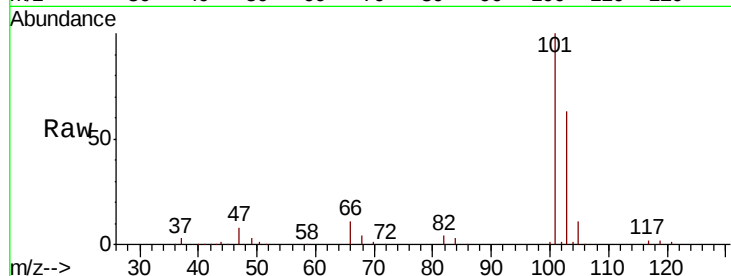


#7

Trichlorofluoromethane
 Concen: 44.251 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

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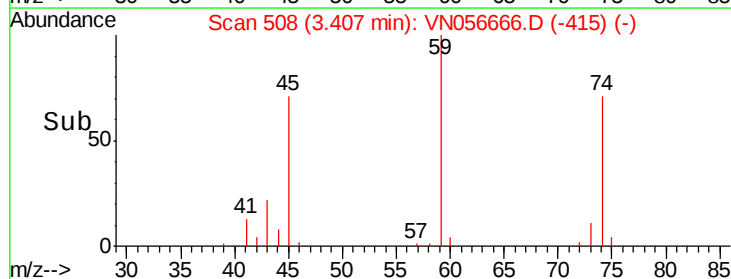
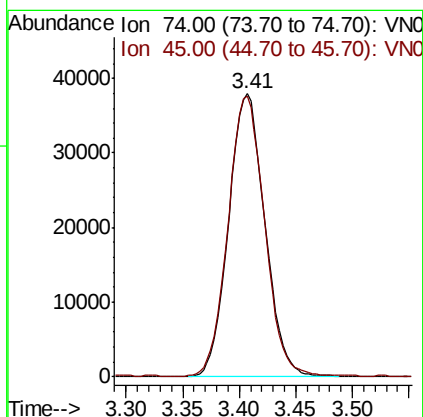
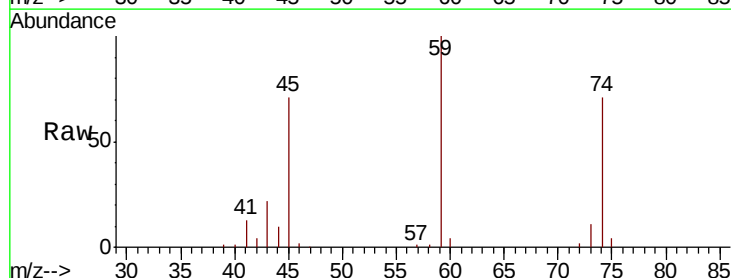
Tot Ion:101 Resp: 204853
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.7 77.5

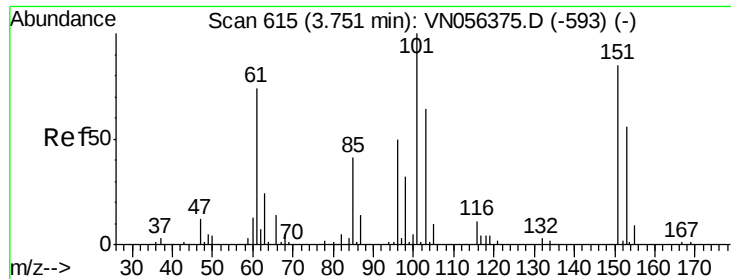


#8

Diethyl Ether
 Concen: 43.275 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056666.D
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Tgt Ion: 74 Resp: 84784
 Ion Ratio Lower Upper
 74 100
 45 100.4 48.9 146.6

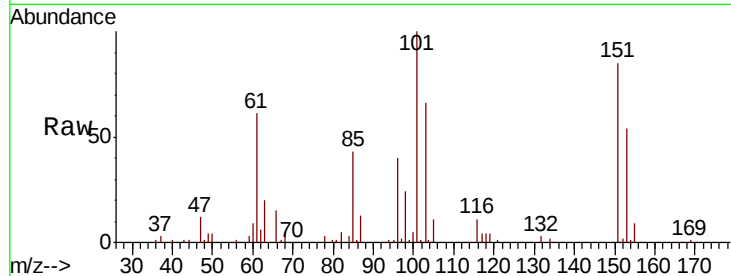




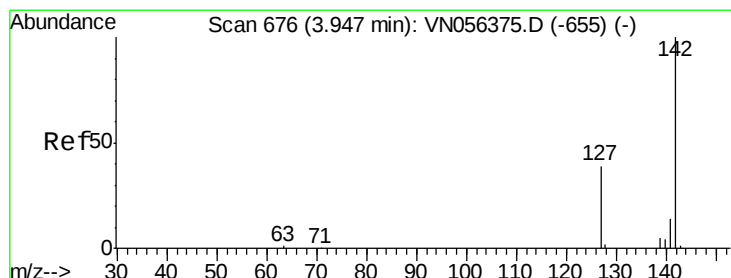
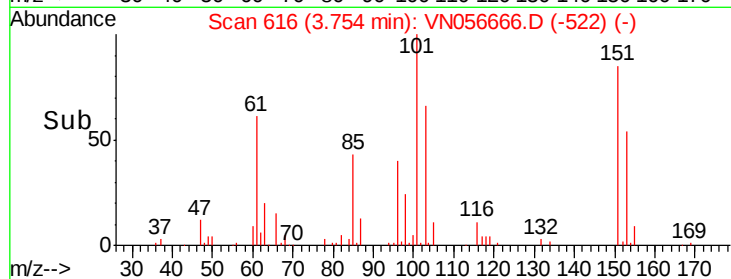
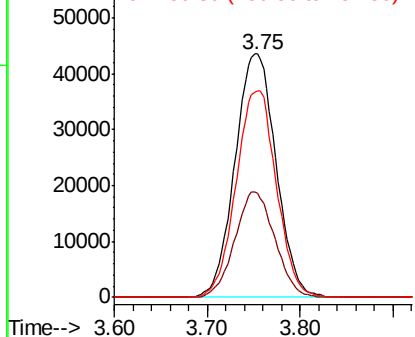
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.387 ug/l
 RT: 3.75 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 133992
 Ion Ratio Lower Upper
 101 100
 85 42.0 32.7 49.1
 151 83.1 66.8 100.2

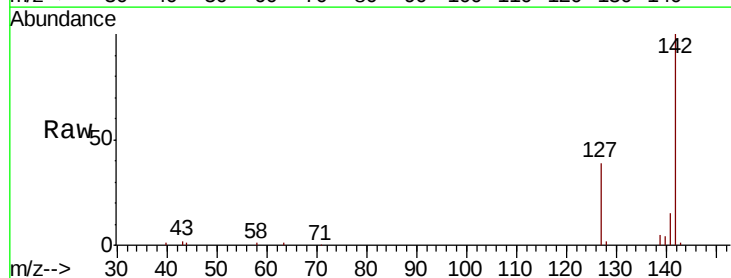


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

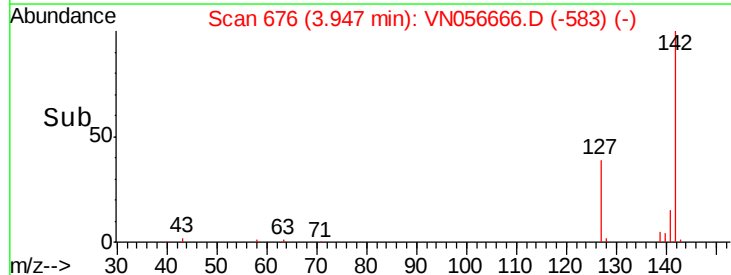
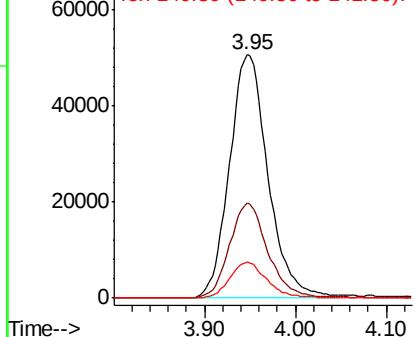


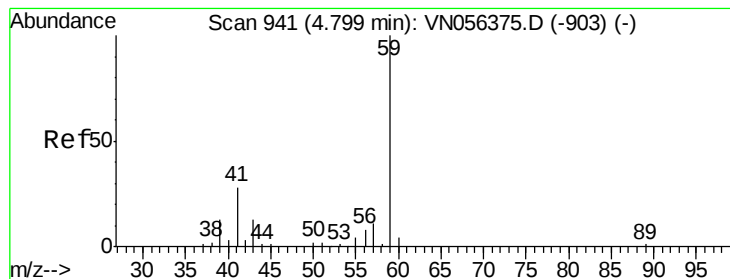
#10
 Methyl Iodide
 Concen: 37.296 ug/l
 RT: 3.95 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion:142 Resp: 148815
 Ion Ratio Lower Upper
 142 100
 127 38.7 30.6 46.0
 141 14.2 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



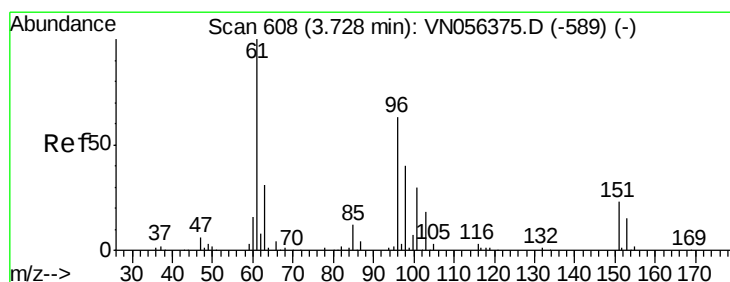
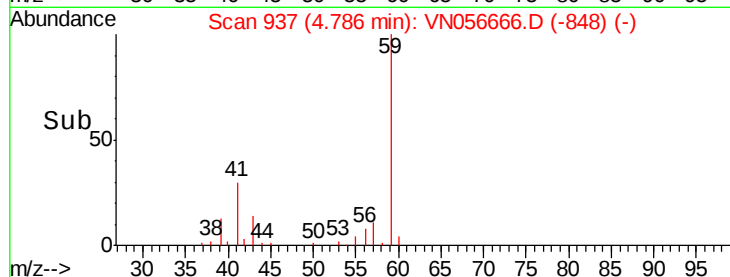
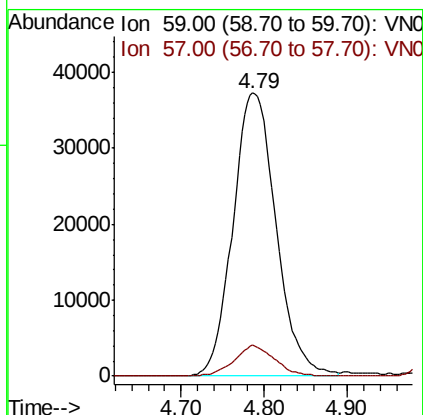
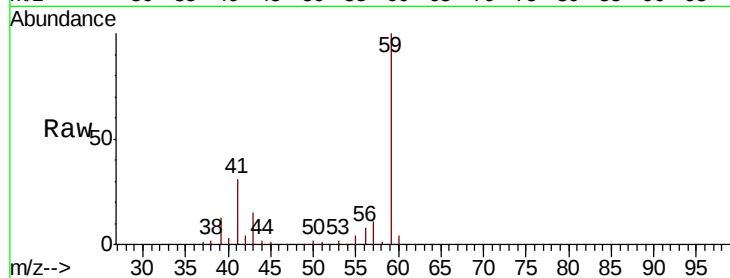


#11

Tert butyl alcohol
 Concen: 224.585 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

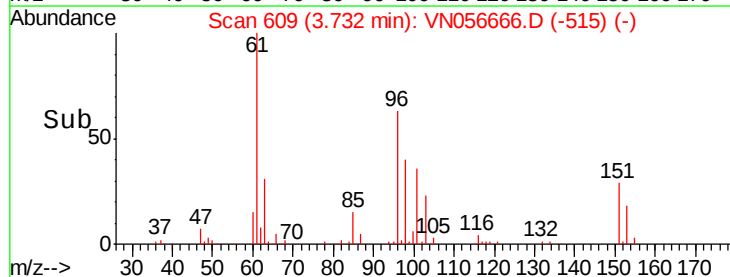
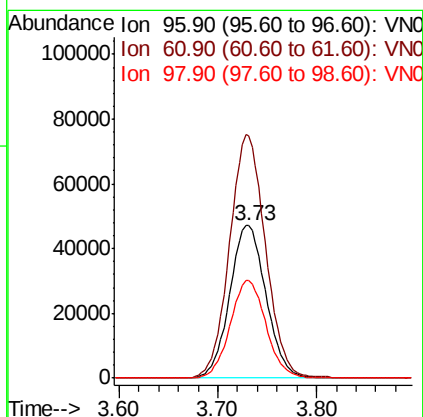
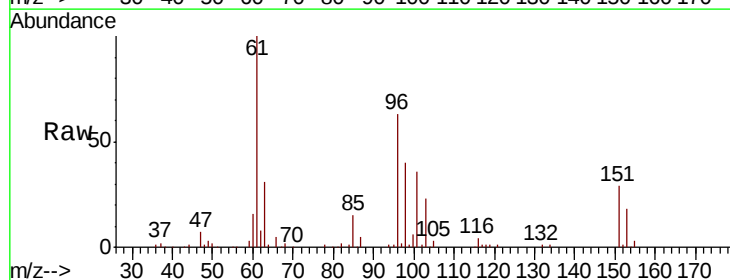
Tot Ion: 59 Resp: 134731
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.6 11.4

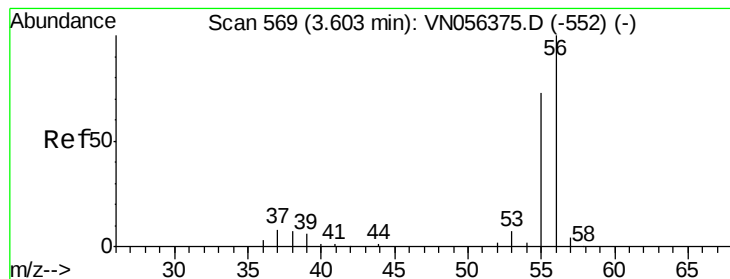


#12

1,1-Dichloroethene
 Concen: 42.418 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion: 96 Resp: 120424
 Ion Ratio Lower Upper
 96 100
 61 158.5 126.6 190.0
 98 63.8 51.1 76.7





#13

Acrolein

Concen: 126.118 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

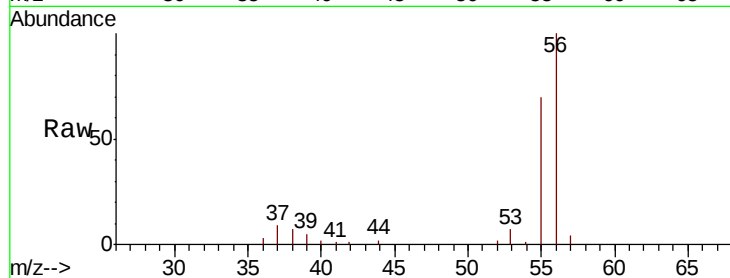
VSTDCCC050

Tot Ion: 56 Resp: 63767

Ion Ratio Lower Upper

56 100

55 72.1 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN056375.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN056375.D (-552) (-)

3.60

25000

20000

15000

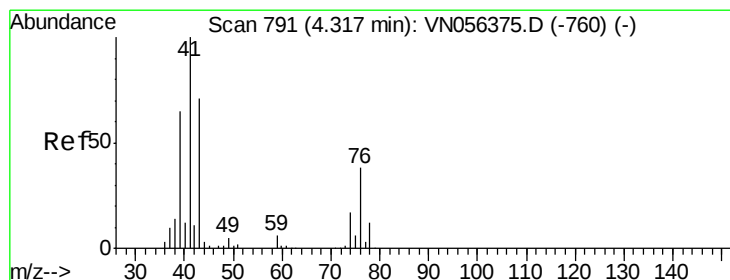
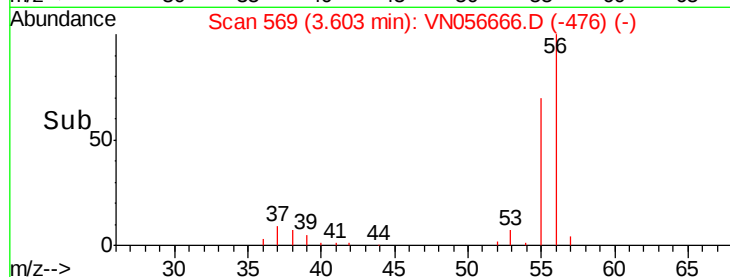
10000

5000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 46.177 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

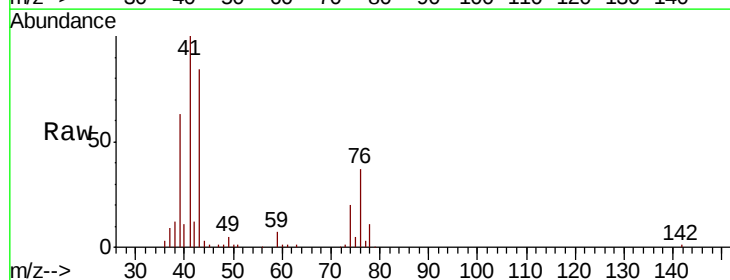
Tgt Ion: 41 Resp: 218231

Ion Ratio Lower Upper

41 100

39 59.2 48.6 73.0

76 33.1 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VN056375.D (-760) (-)

Ion 39.00 (38.70 to 39.70): VN056375.D (-760) (-)

Ion 75.90 (75.60 to 76.60): VN056375.D (-760) (-)

4.32

80000

60000

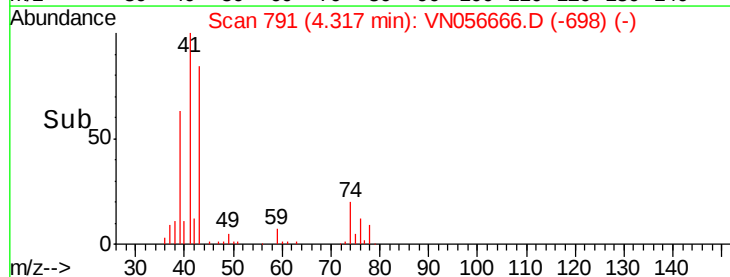
40000

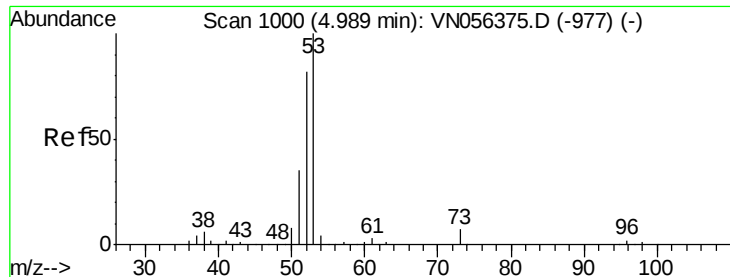
20000

0

Time-->

4.10 4.20 4.30 4.40 4.50





#15

Acrylonitrile

Concen: 246.482 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 409074

Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.9	98.9
51	35.0	28.3	42.5

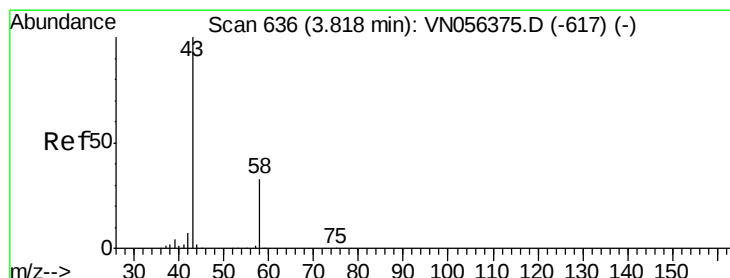
Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Time-->



#16

Acetone

Concen: 218.206 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.01 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Tgt Ion: 43 Resp: 389400

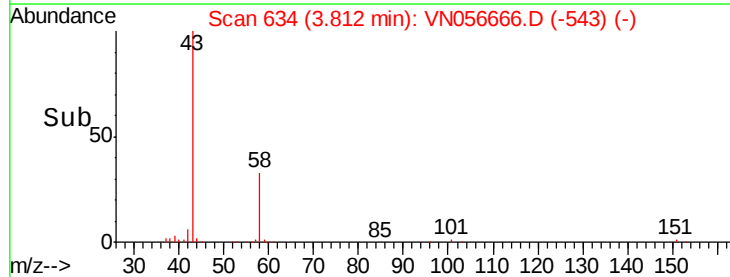
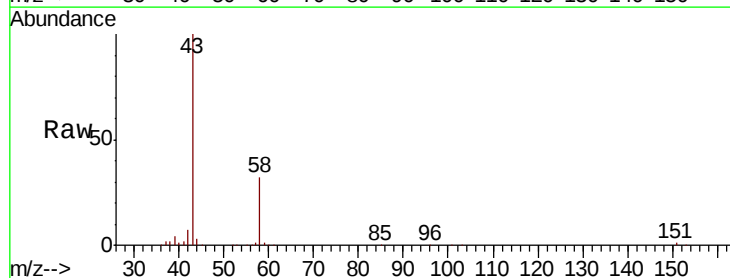
Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.4	39.6

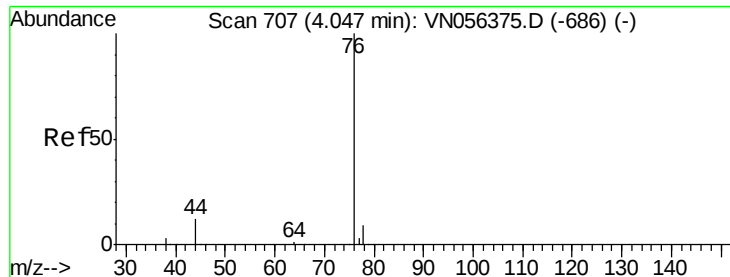
Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

Time-->

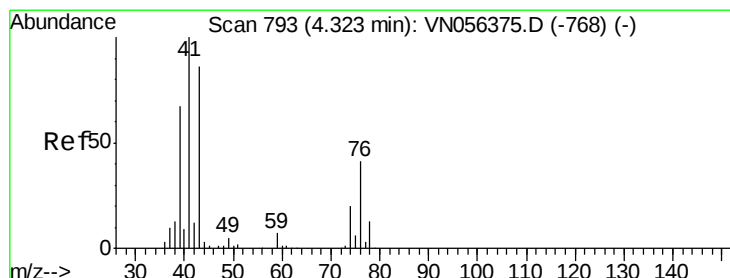
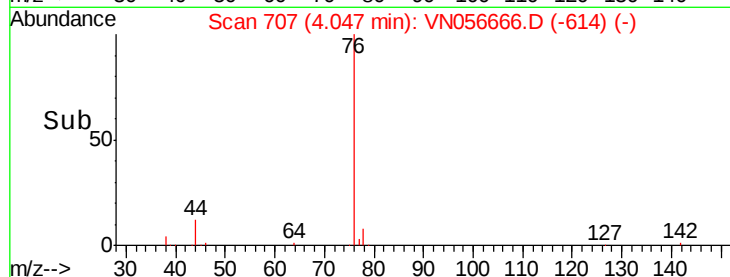
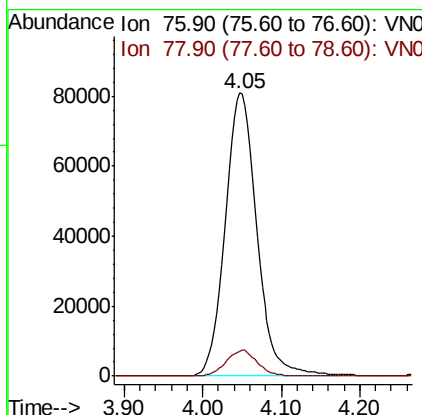
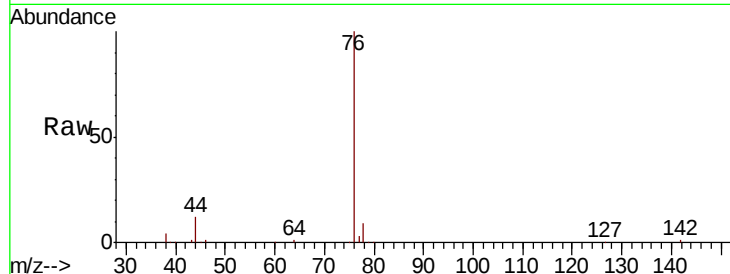




#17
Carbon Disulfide
Concen: 34.965 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

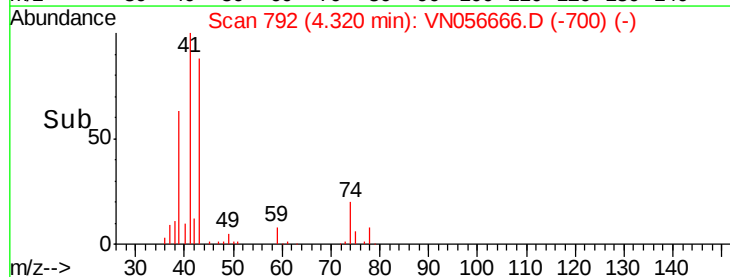
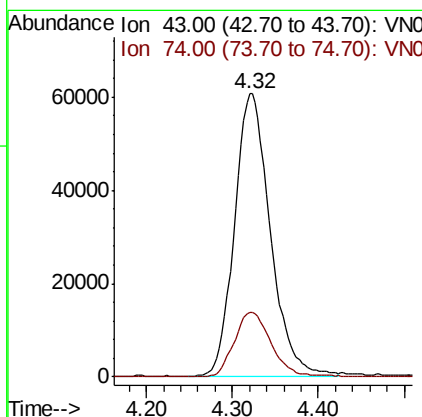
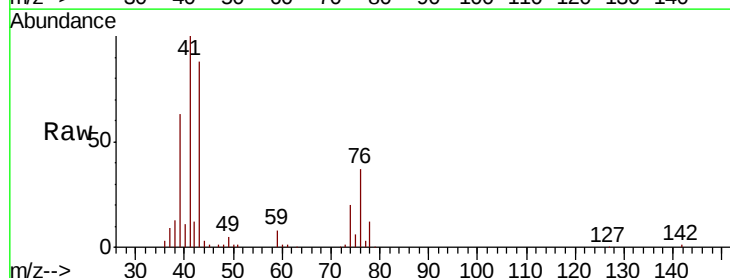
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

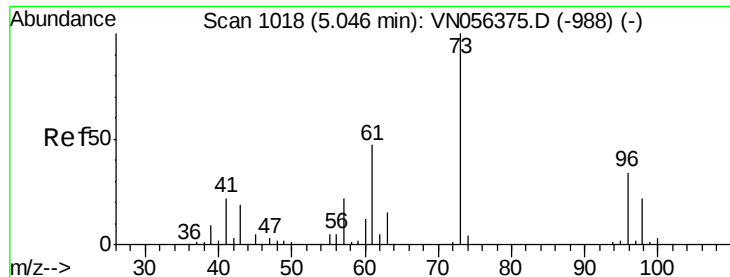
Tot Ion: 76 Resp: 225779
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 50.500 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 43 Resp: 176478
Ion Ratio Lower Upper
43 100
74 23.5 19.2 28.8

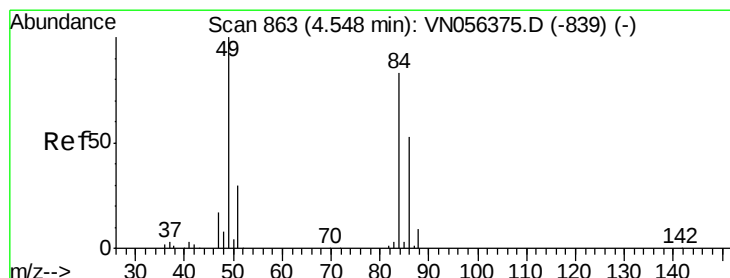
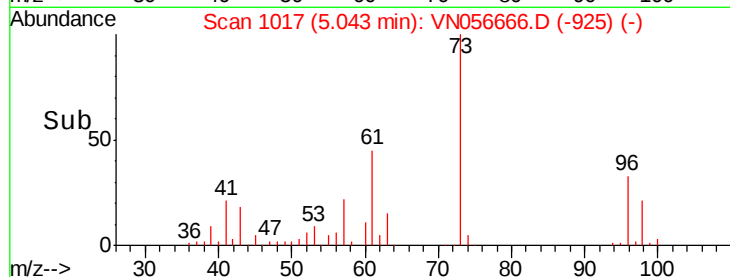
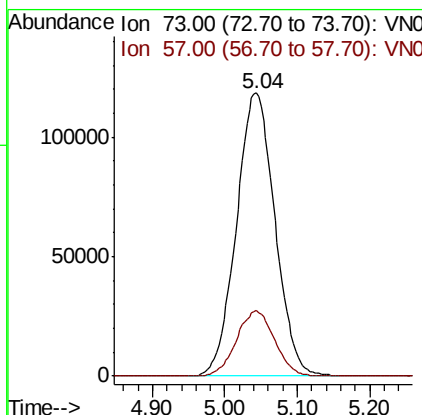
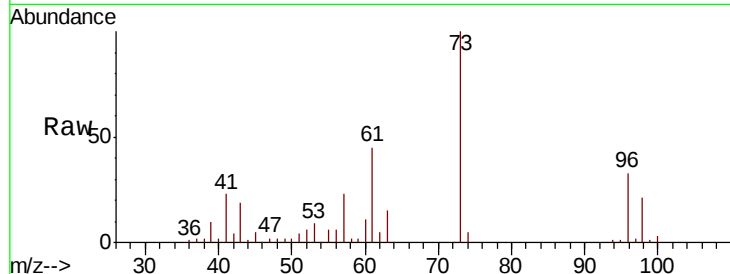




#19
Methvl tert-butvl Ether
Concen: 46.620 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

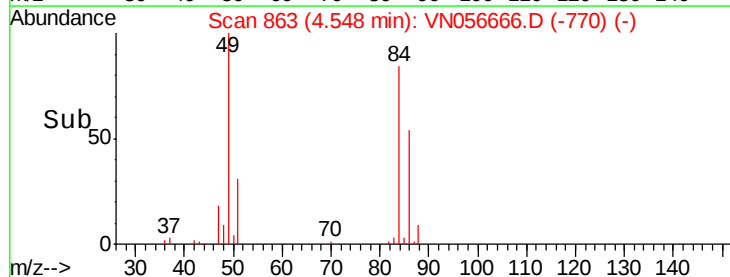
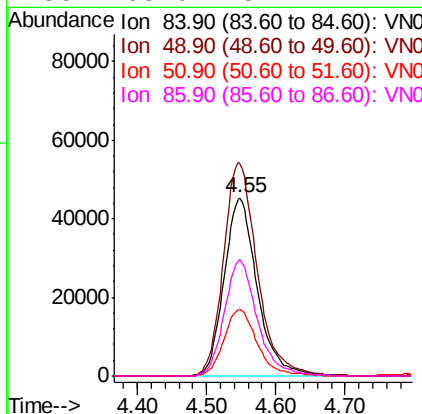
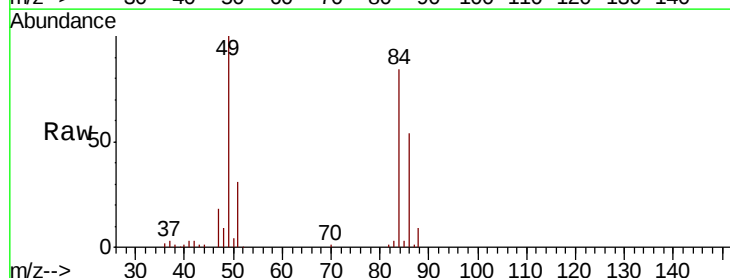
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

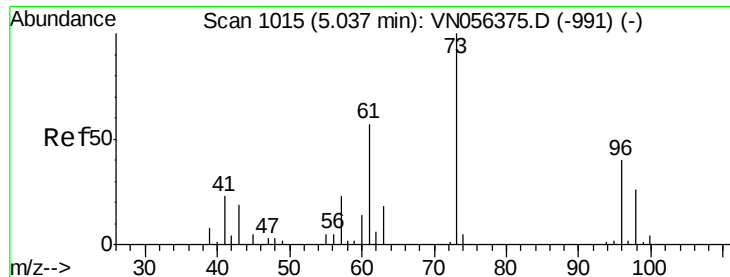
Tot Ion: 73 Resp: 437957
Ion Ratio Lower Upper
73 100
57 23.0 17.9 26.9



#20
Methylene Chloride
Concen: 44.814 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 84 Resp: 151071
Ion Ratio Lower Upper
84 100
49 119.3 96.4 144.6
51 37.4 28.6 43.0
86 65.0 51.4 77.2

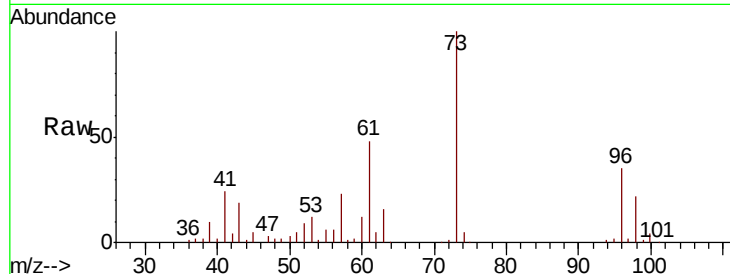




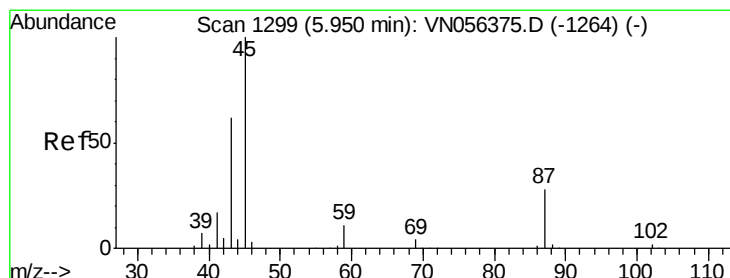
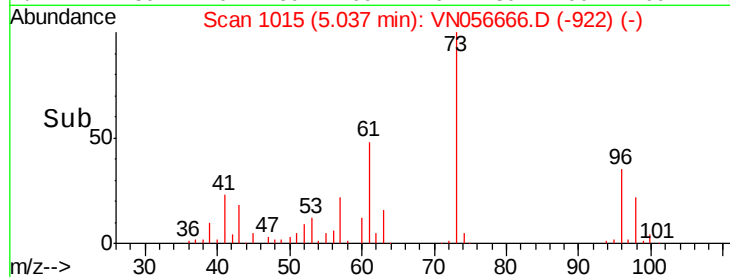
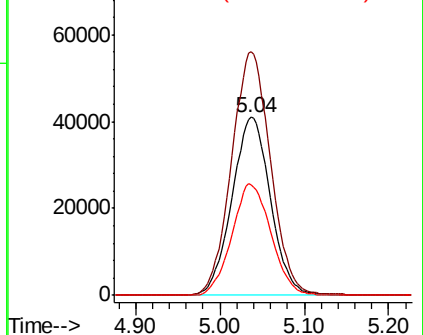
#21
trans-1,2-Dichloroethene
Concen: 42.546 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 130226
Ion Ratio Lower Upper
96 100
61 136.8 113.0 169.6
98 62.1 52.2 78.2

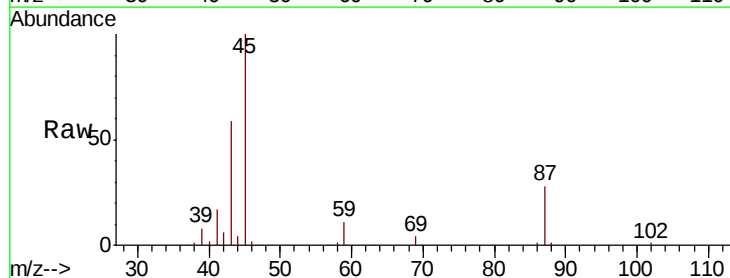


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

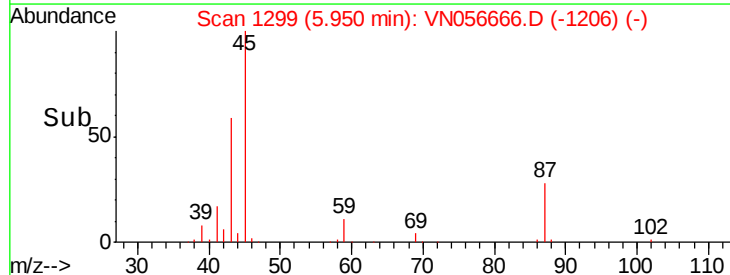
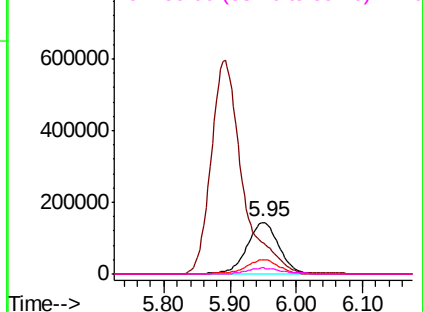


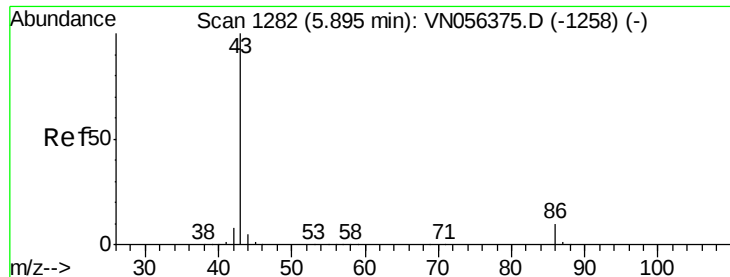
#22
Diisopropyl ether
Concen: 48.982 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 45 Resp: 486153
Ion Ratio Lower Upper
45 100
43 57.6 50.4 75.6
87 28.0 23.0 34.4
59 11.1 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: 250.566 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

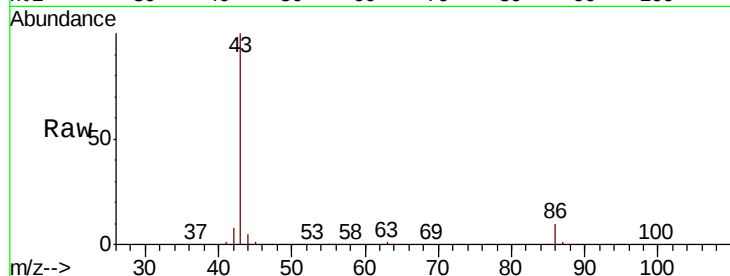
VSTDCCC050

Tot Ion: 43 Resp: 1961486

Ion Ratio Lower Upper

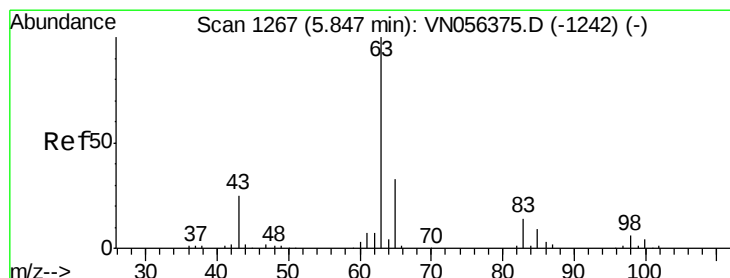
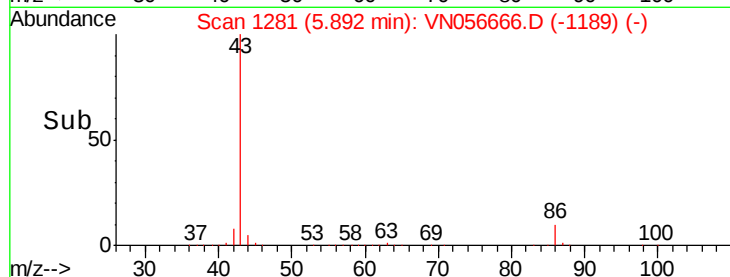
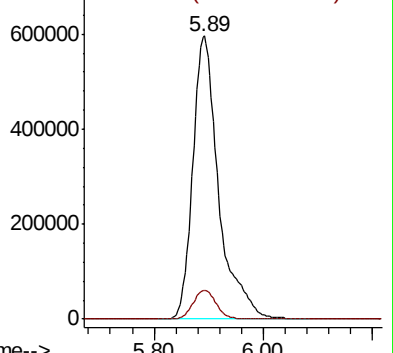
43 100

86 10.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.061 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

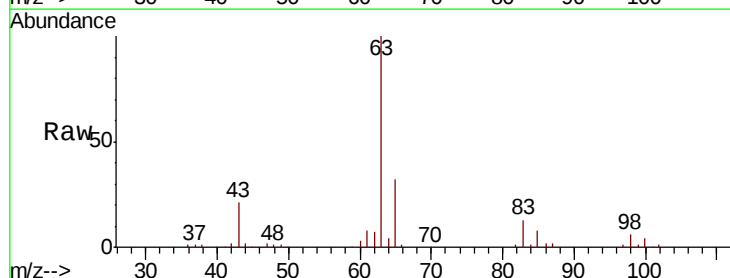
Tgt Ion: 63 Resp: 268121

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

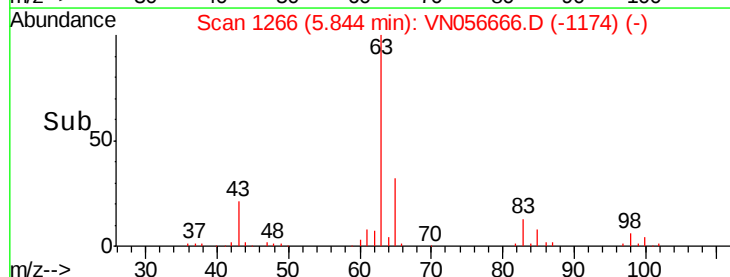
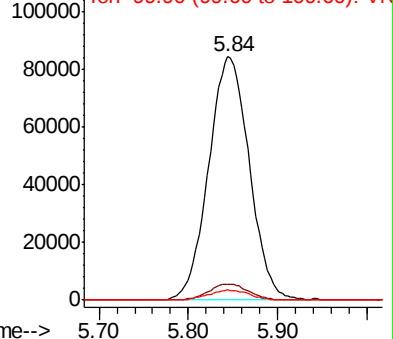
100 4.1 2.1 6.5

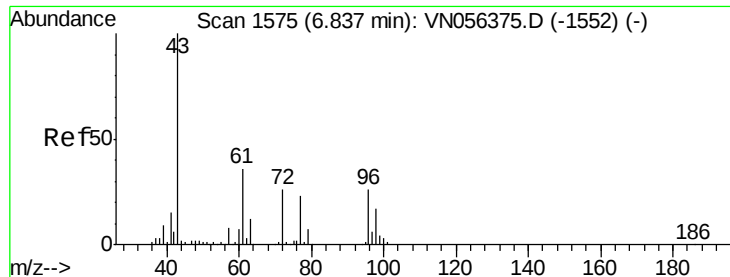


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 241.881 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.01 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

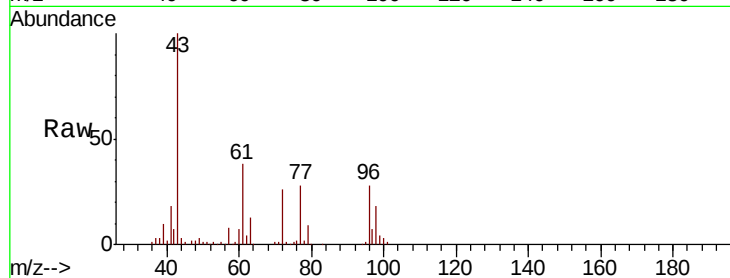
VSTDCCC050

Tot Ion: 43 Resp: 571289

Ion Ratio Lower Upper

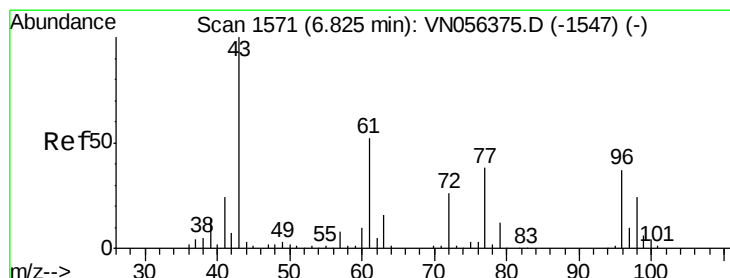
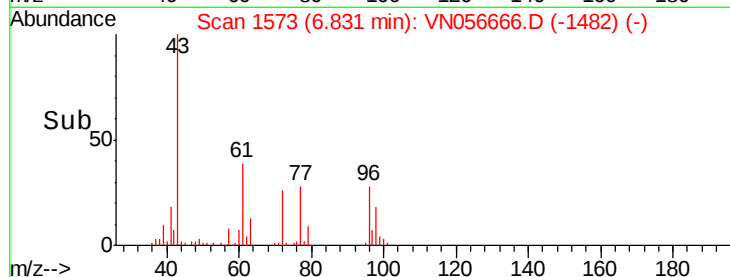
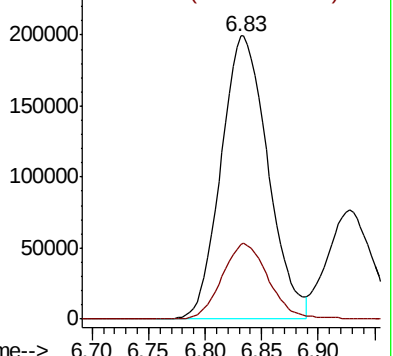
43 100

72 26.3 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 49.630 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056666.D

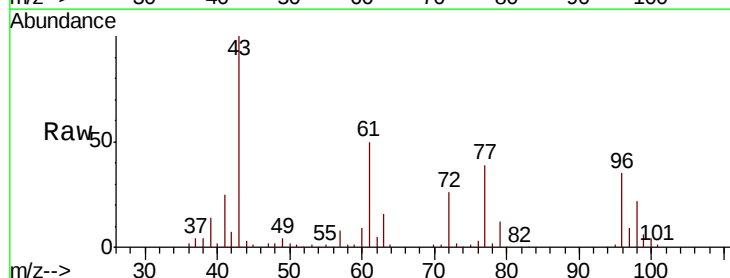
Acq: 11 Jul 2019 15:01

Tgt Ion: 77 Resp: 196661

Ion Ratio Lower Upper

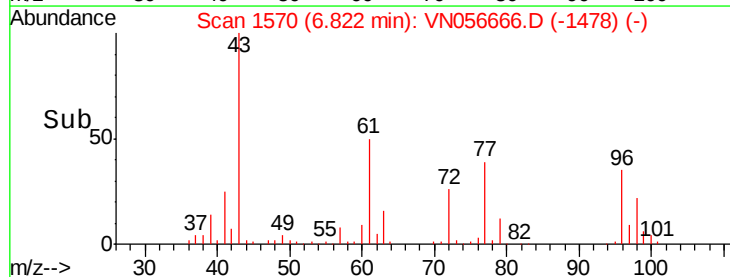
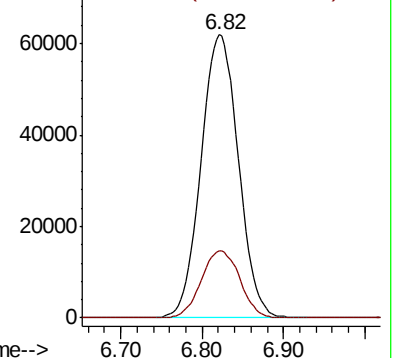
77 100

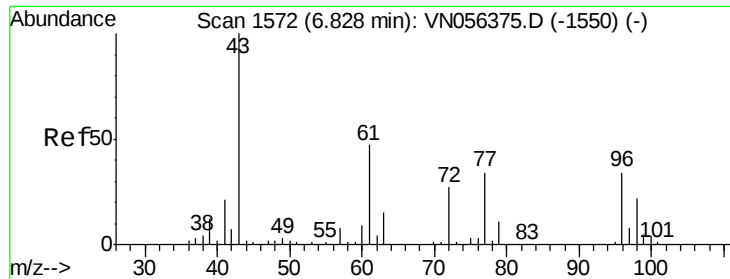
97 24.4 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 46.236 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

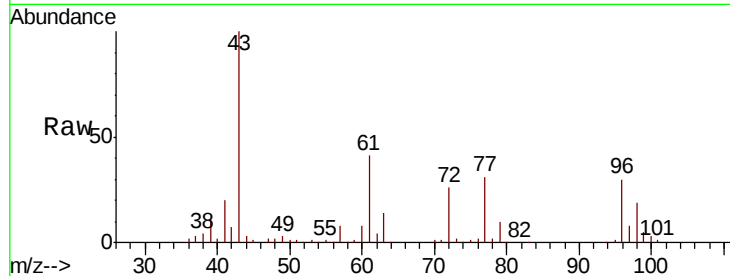
Tot Ion: 96 Resp: 165573

Ion Ratio Lower Upper

96 100

61 141.1 0.0 279.8

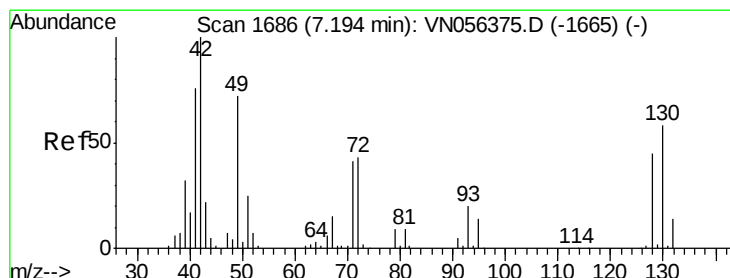
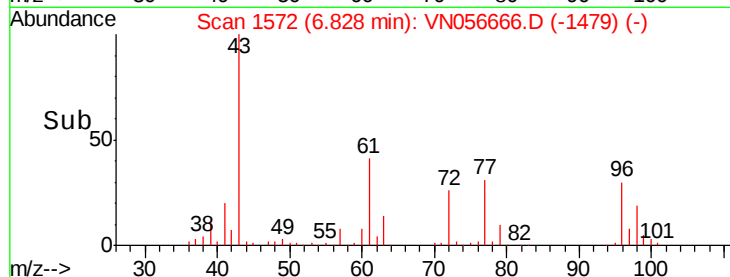
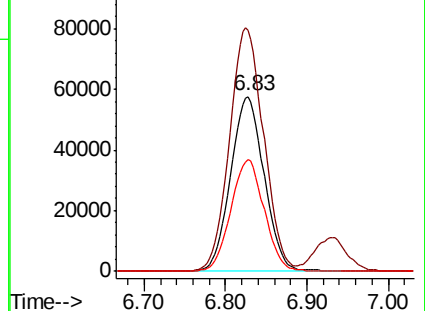
98 63.5 0.0 130.0



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: 47.095 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

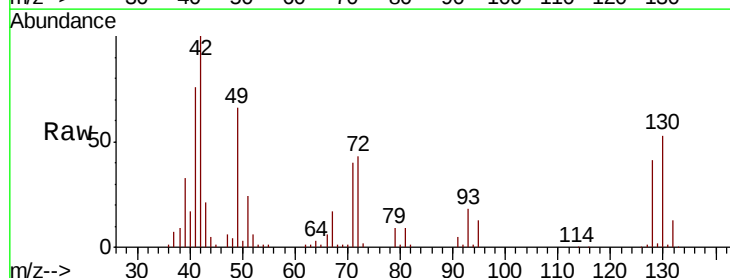
Tgt Ion: 49 Resp: 132716

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

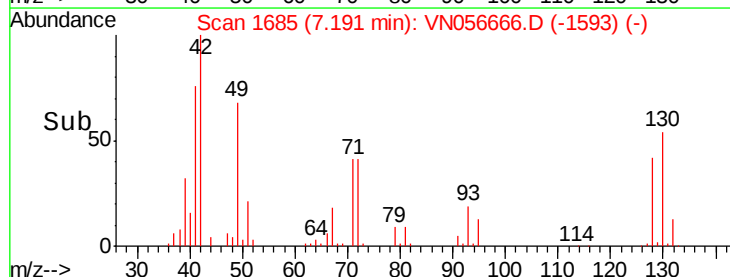
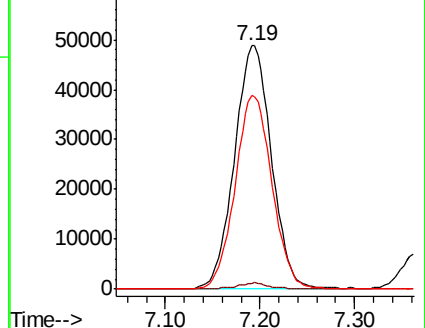
130 79.2 64.9 97.3

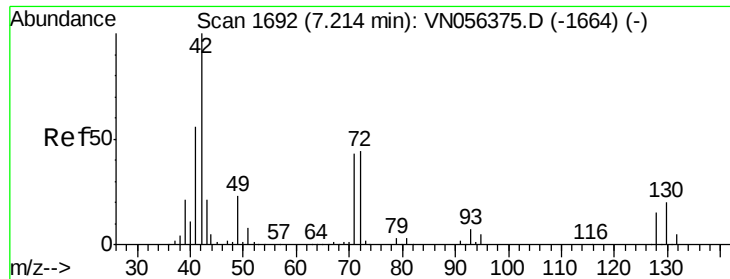


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

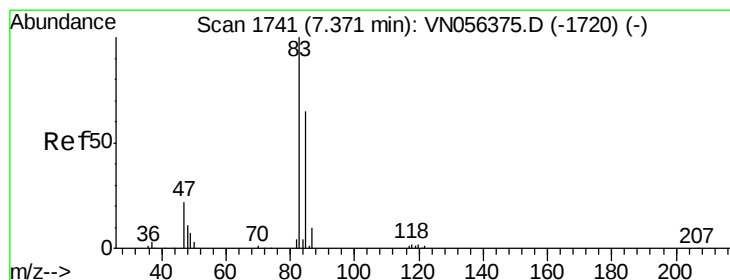
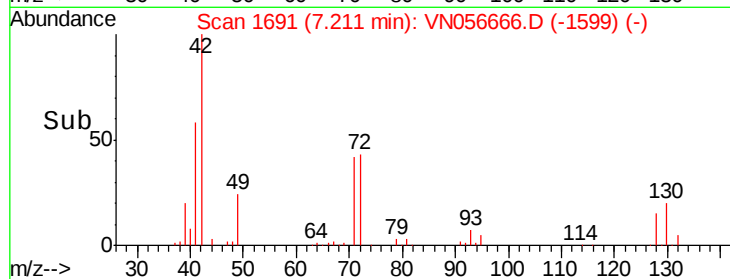
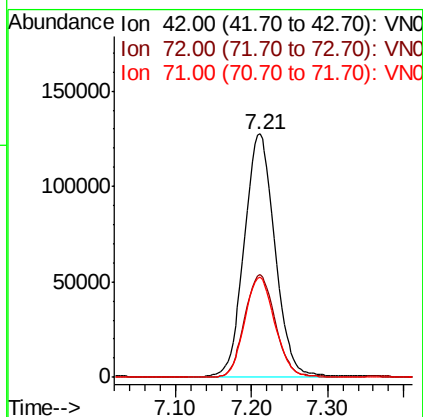
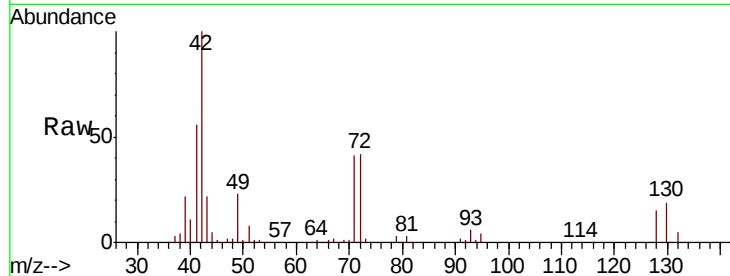




#29
Tetrahydrofuran
Concen: 249.598 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

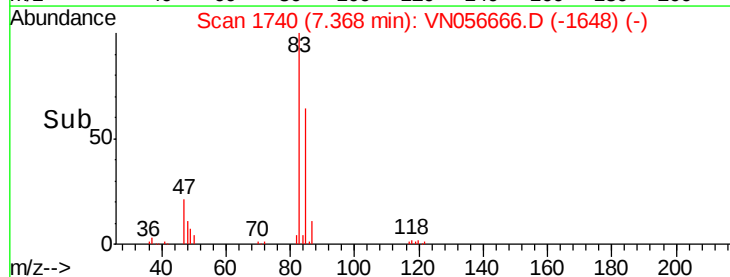
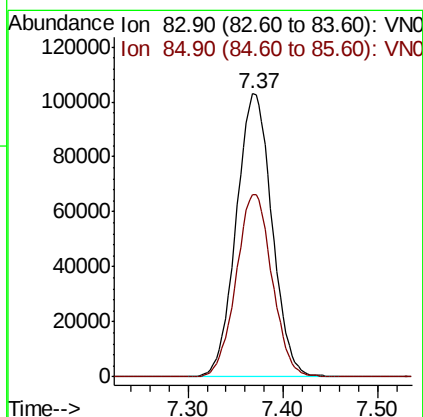
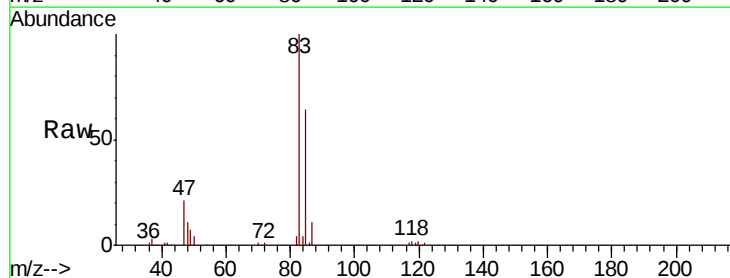
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

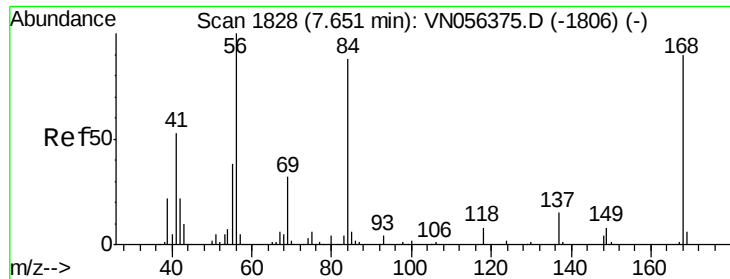
Tot Ion: 42 Resp: 360256
Ion Ratio Lower Upper
42 100
72 42.1 34.7 52.1
71 40.5 33.0 49.6



#30
Chloroform
Concen: 48.104 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 83 Resp: 270434
Ion Ratio Lower Upper
83 100
85 64.5 52.3 78.5

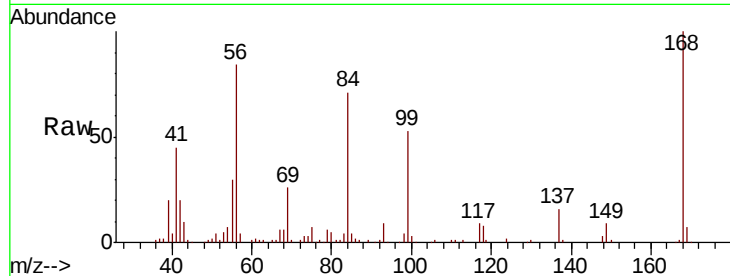




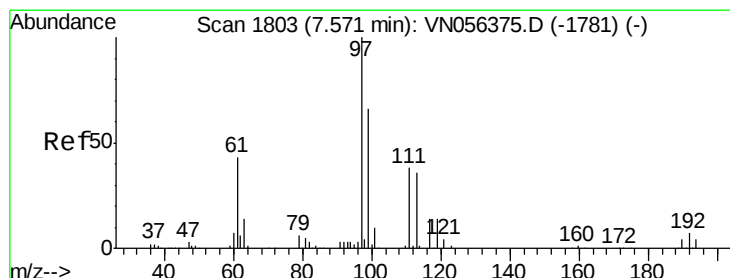
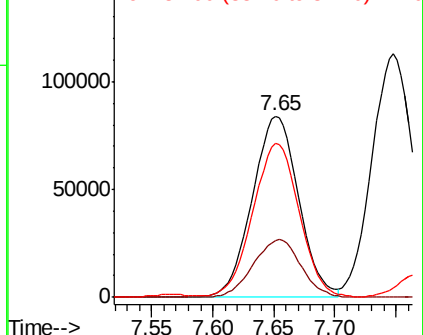
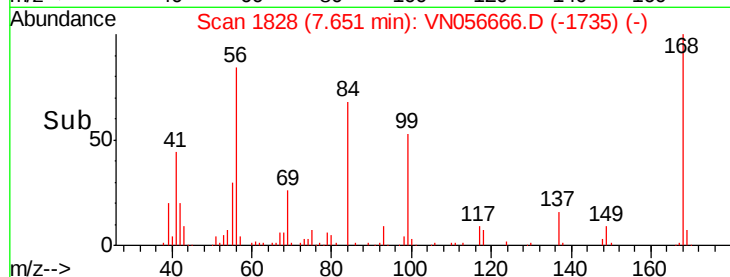
#31
Cyclohexane
Concen: 40.294 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 221626
Ion Ratio Lower Upper
56 100
69 31.4 25.8 38.6
84 83.9 69.4 104.0

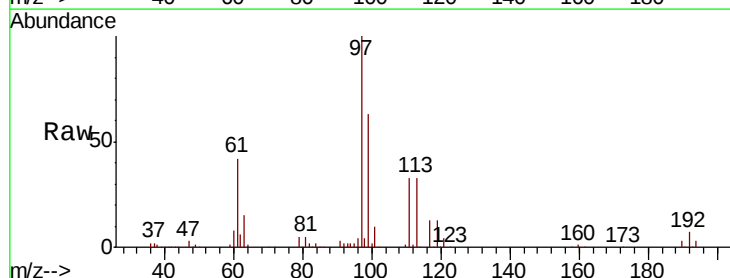


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

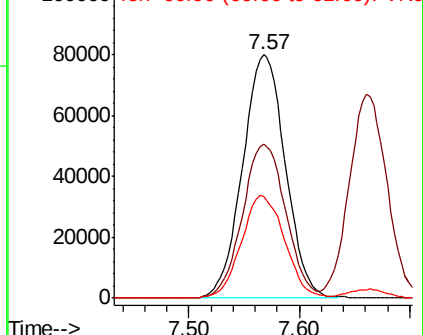
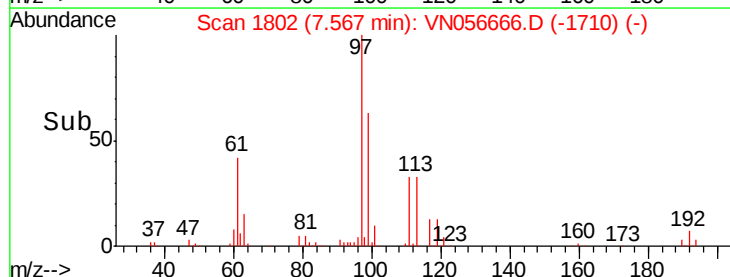


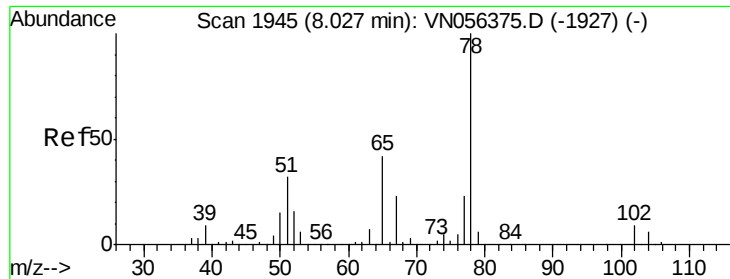
#32
1,1,1-Trichloroethane
Concen: 48.058 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 97 Resp: 214154
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 42.8 33.9 50.9



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

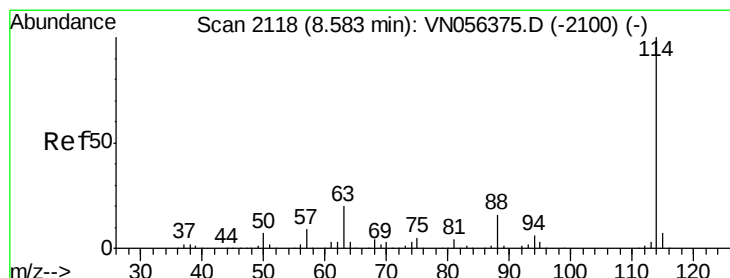
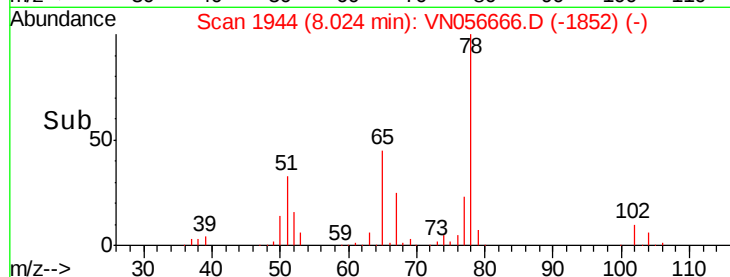
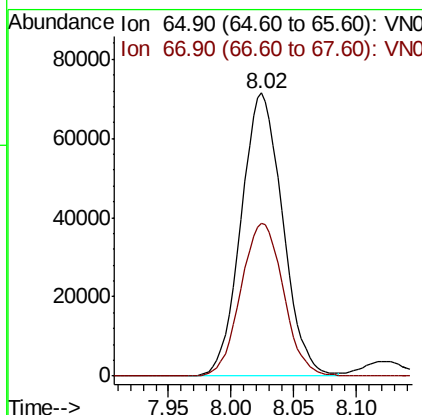
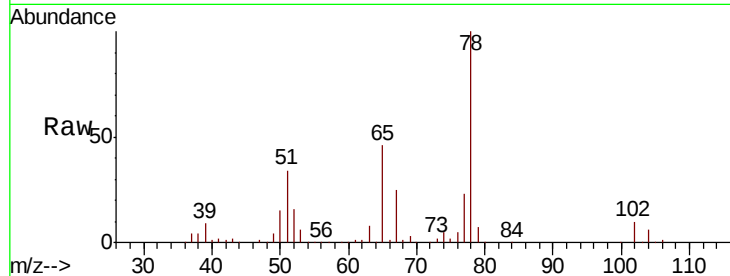




#33
 1,2-Dichloroethane-d4
 Concen: 46.310 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

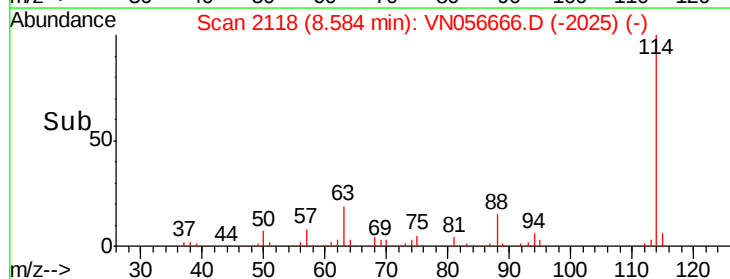
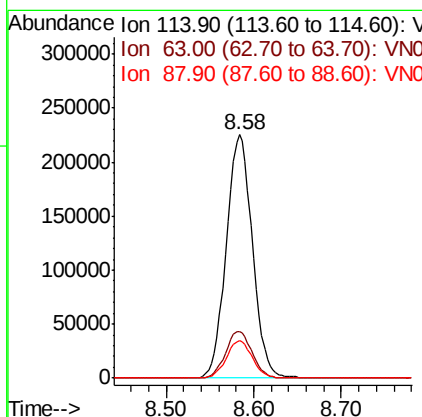
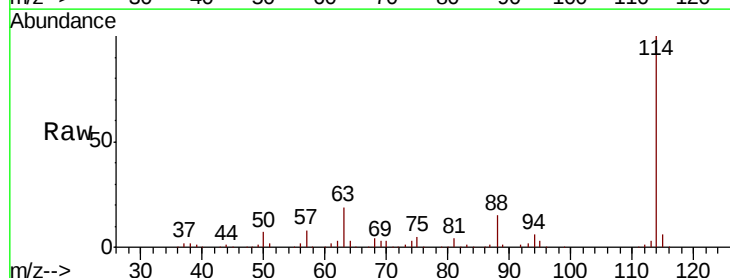
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

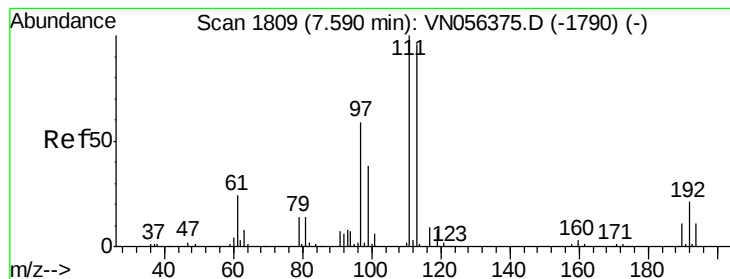
Tot Ion: 65 Resp: 164949
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion: 114 Resp: 467632
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.088 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

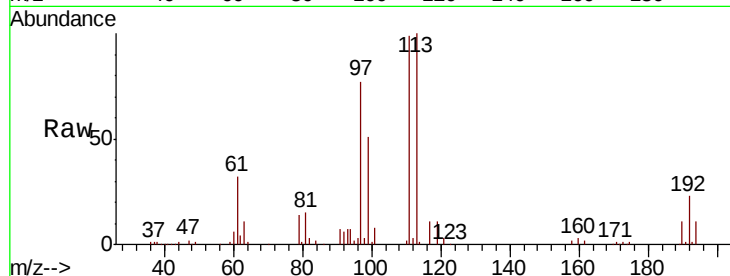
Tot Ion:113 Resp: 149036

Ion Ratio Lower Upper

113 100

111 100.4 82.9 124.3

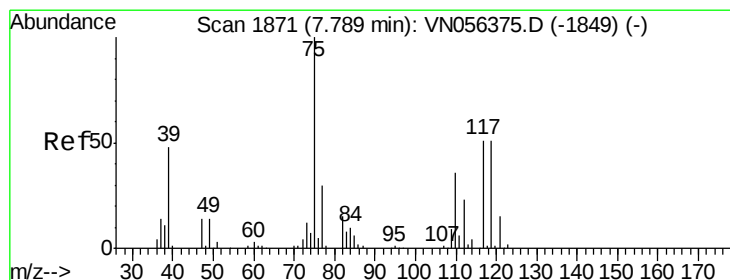
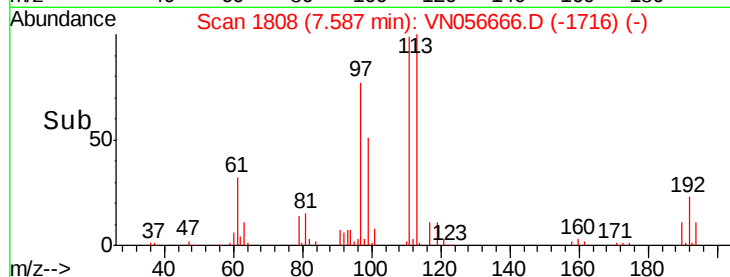
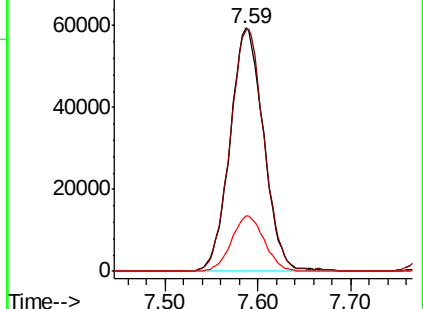
192 22.3 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.986 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

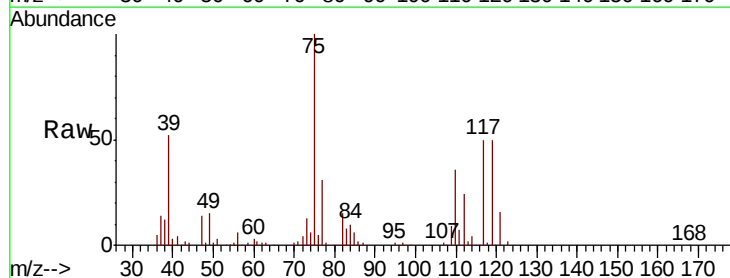
Tgt Ion: 75 Resp: 185164

Ion Ratio Lower Upper

75 100

110 36.7 18.1 54.3

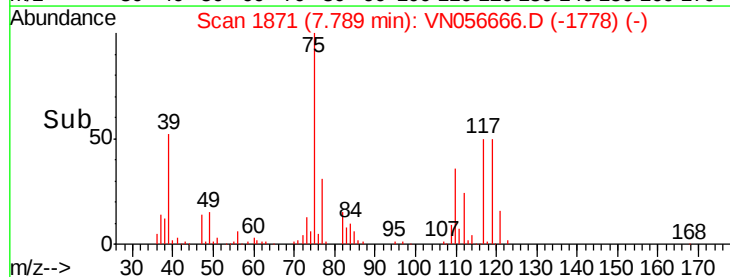
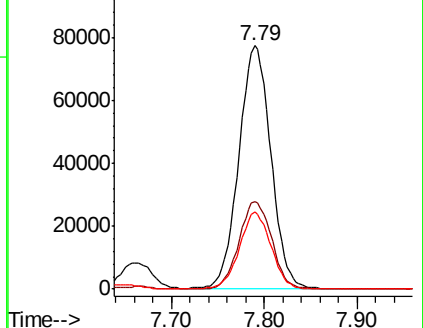
77 31.4 24.6 36.8

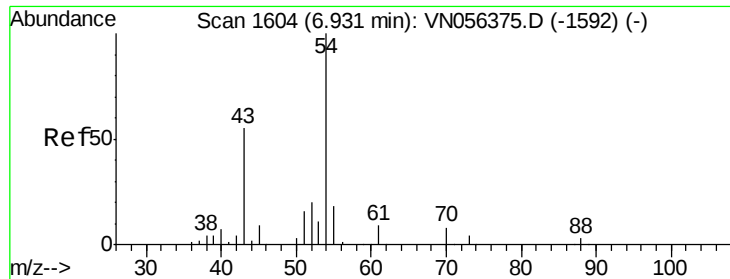


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

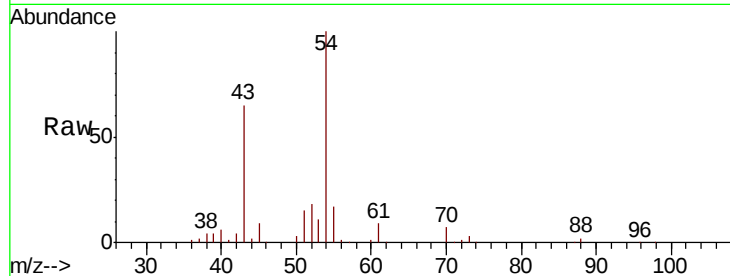




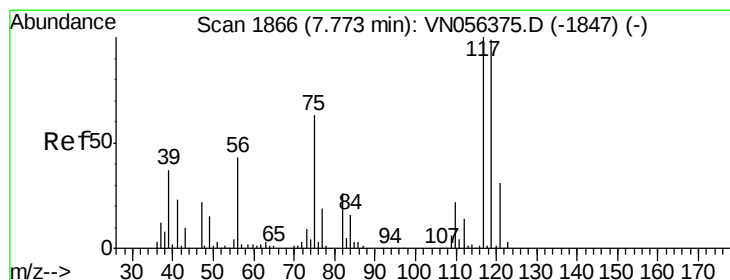
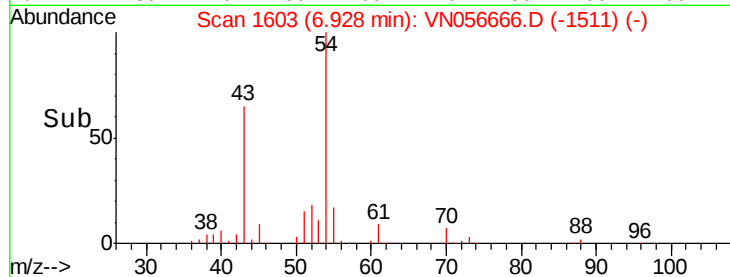
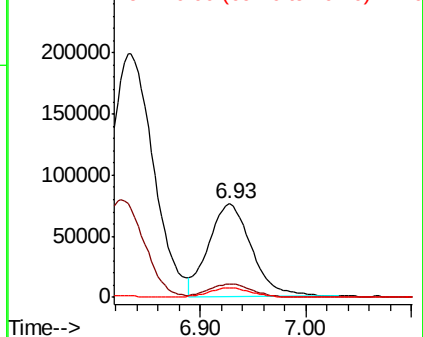
#37
Ethyl Acetate
Concen: 53.258 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 215427
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 10.3 8.3 12.5

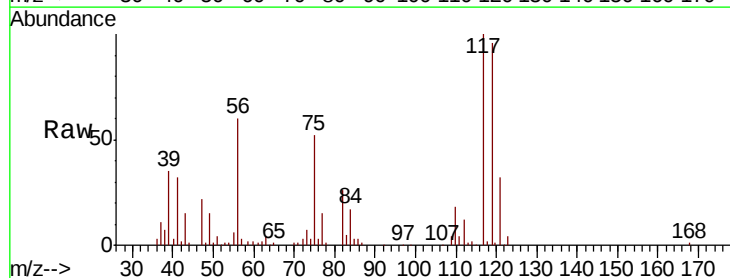


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

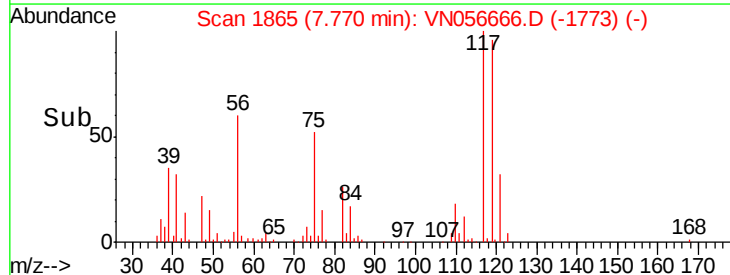
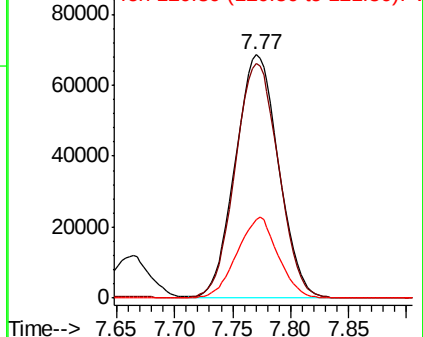


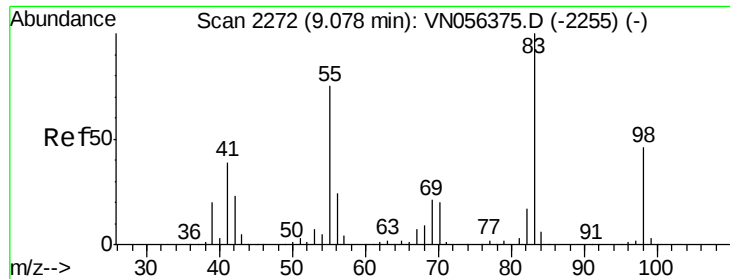
#38
Carbon Tetrachloride
Concen: 49.171 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 117 Resp: 176986
Ion Ratio Lower Upper
117 100
119 96.1 79.1 118.7
121 32.3 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

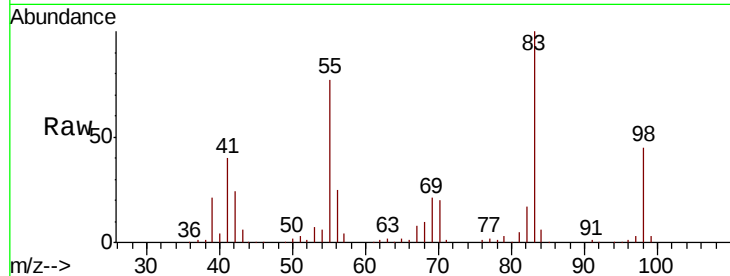




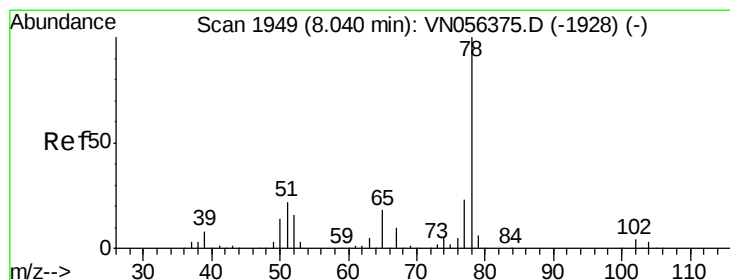
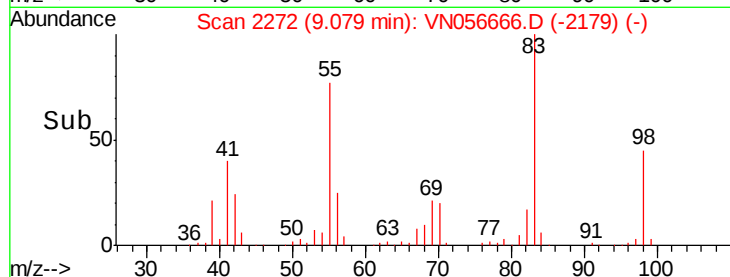
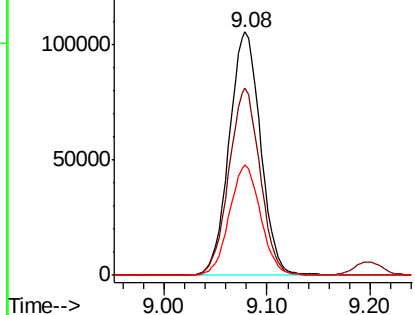
#39
Methylvlcyclohexane
Concen: 44.086 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 223903
Ion Ratio Lower Upper
83 100
55 76.9 60.0 90.0
98 45.2 36.6 54.8

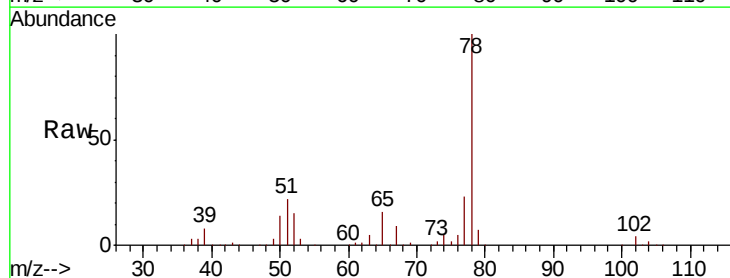


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

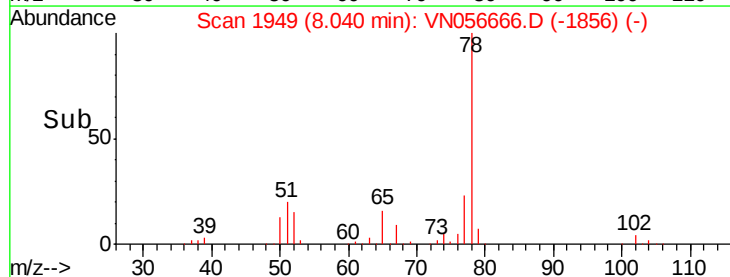
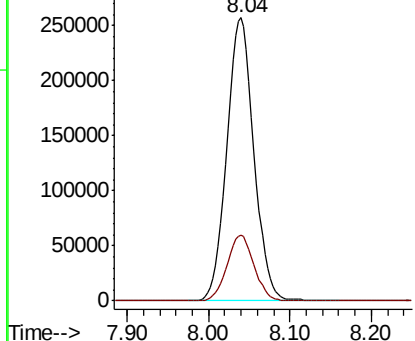


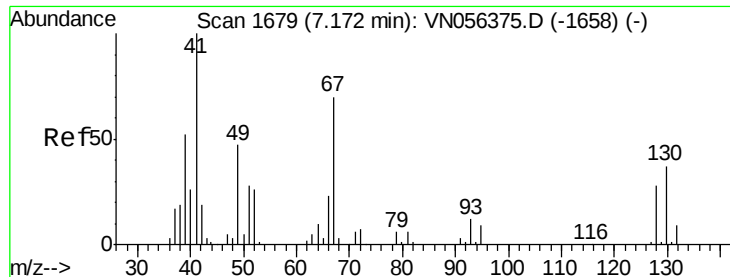
#40
Benzene
Concen: 47.265 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 78 Resp: 598407
Ion Ratio Lower Upper
78 100
77 23.2 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: 176.186 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.04 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 314697

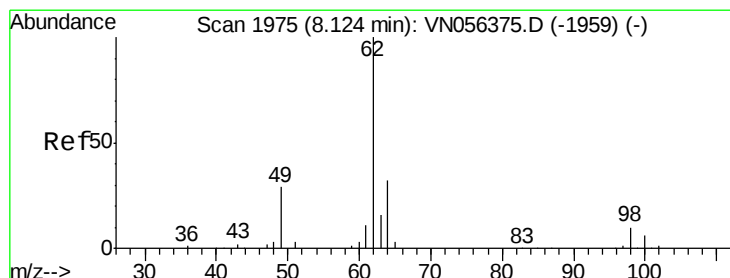
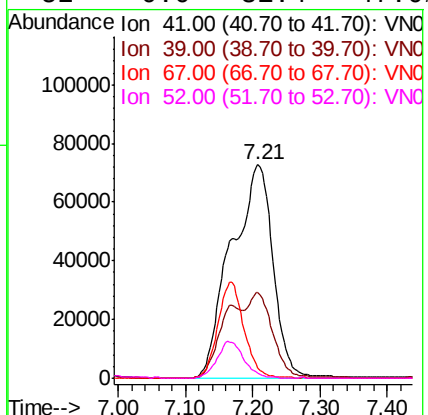
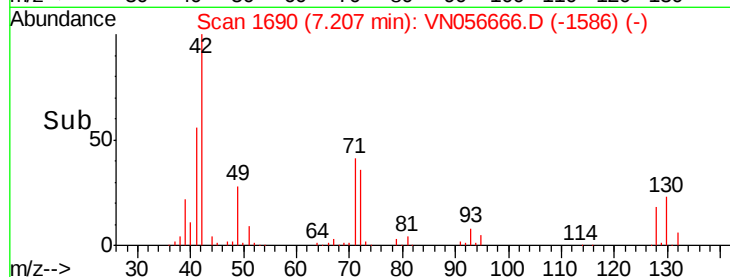
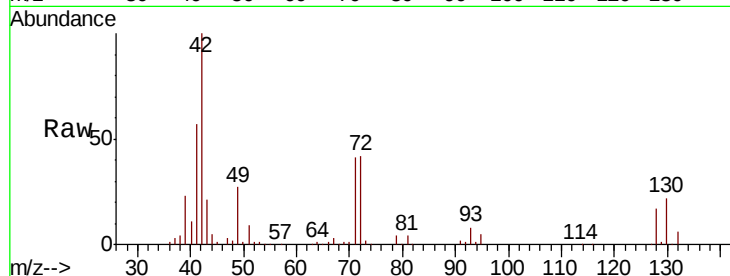
Ion Ratio Lower Upper

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: 47.732 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN056666.D

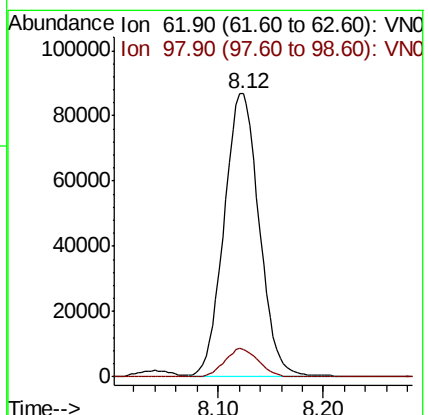
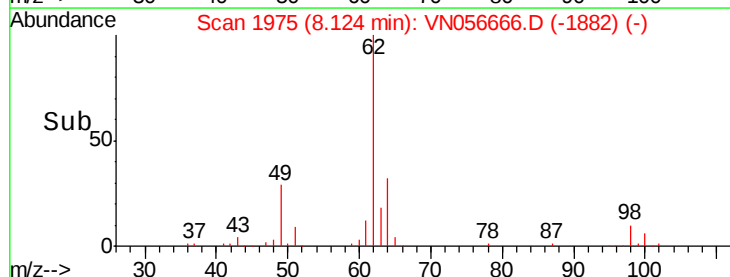
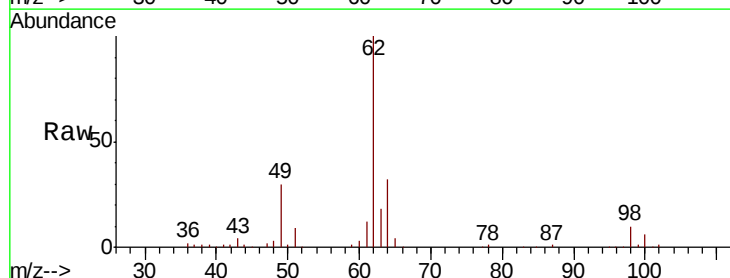
Acq: 11 Jul 2019 15:01

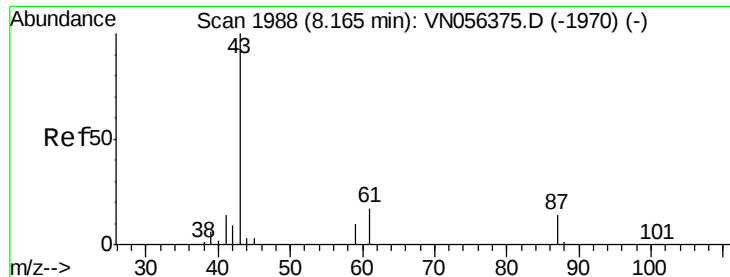
Tgt Ion: 62 Resp: 199440

Ion Ratio Lower Upper

62 100

98 9.7 0.0 19.4





#43

Isopropyl Acetate

Concen: 53.396 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

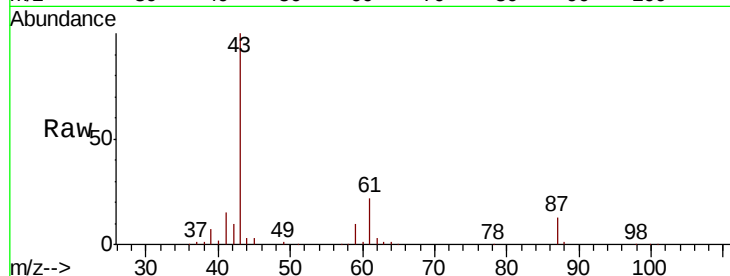
Tot Ion: 43 Resp: 333042

Ion Ratio Lower Upper

43 100

61 27.2 22.0 33.0

87 13.7 11.0 16.4

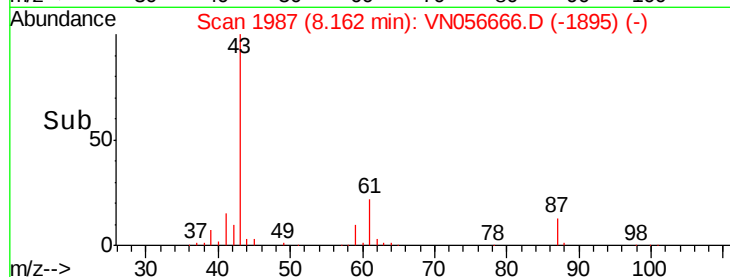


Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

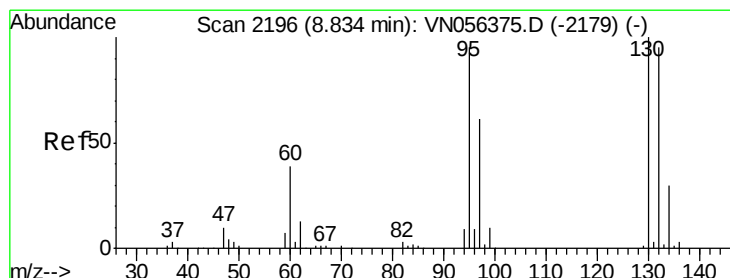
Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

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

8.16



Time-->



#44

Trichloroethene

Concen: 47.509 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056666.D

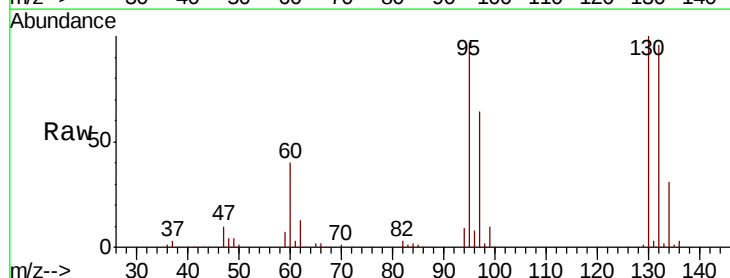
Acq: 11 Jul 2019 15:01

Tgt Ion:130 Resp: 162032

Ion Ratio Lower Upper

130 100

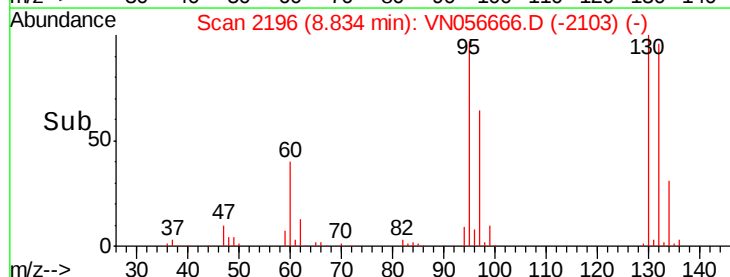
95 96.7 0.0 191.0



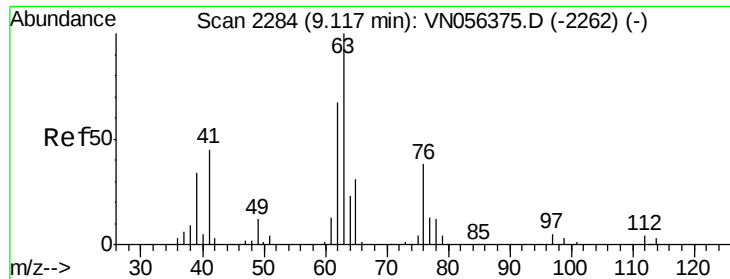
Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

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

8.83



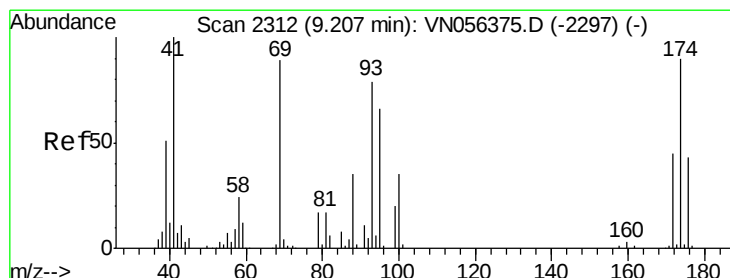
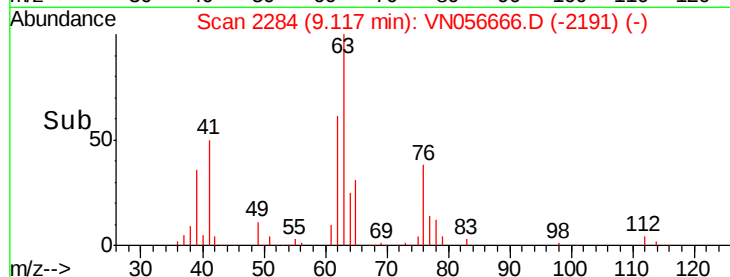
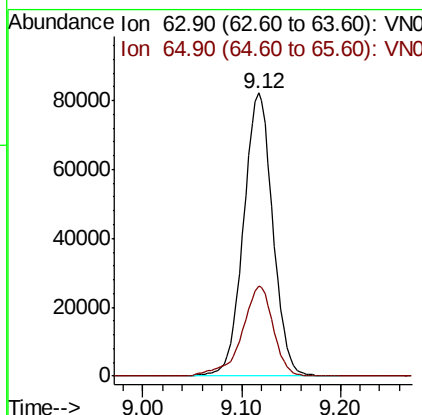
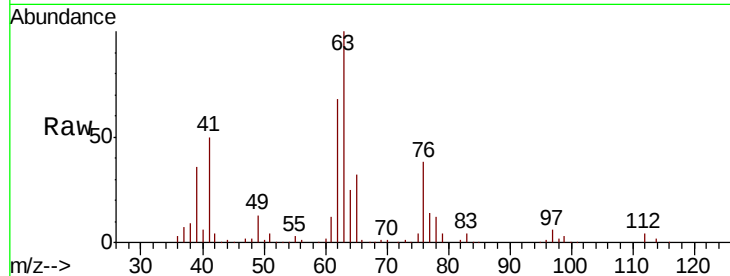
Time-->



#45
 1,2-Dichloropropane
 Concen: 49.632 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

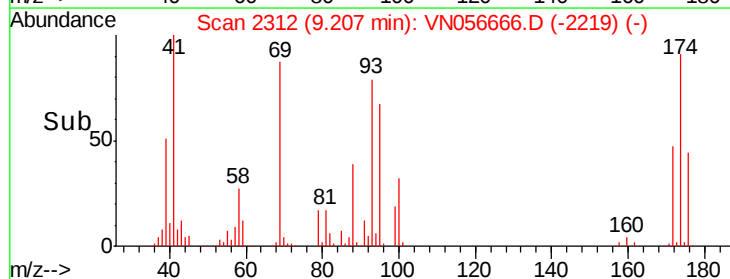
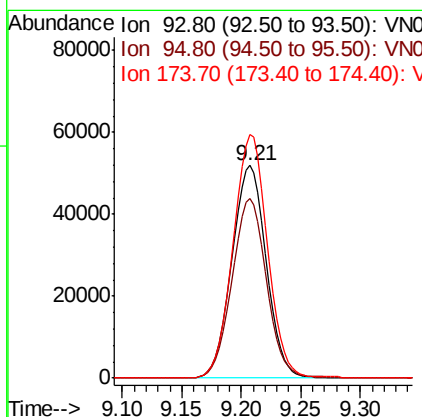
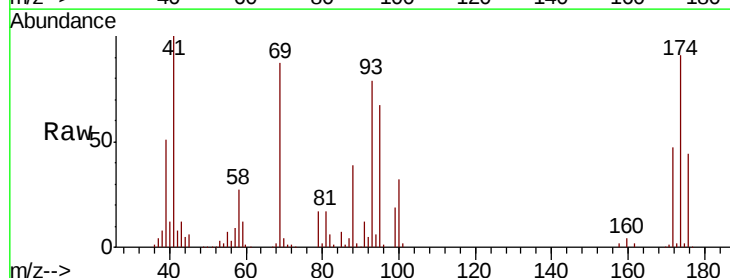
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

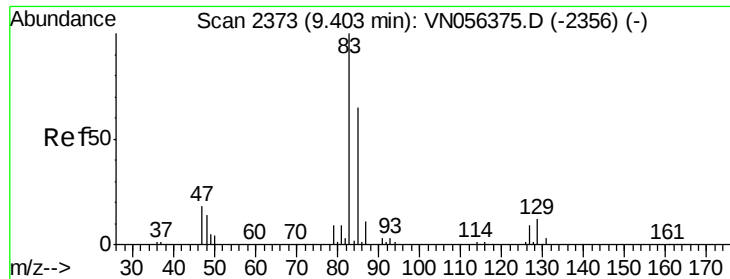
Tot Ion: 63 Resp: 168051
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.0 37.6



#46
 Dibromomethane
 Concen: 49.191 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion: 93 Resp: 104205
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.2 99.2
 174 114.4 90.8 136.2





#47

Bromodichloromethane

Concen: 53.793 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

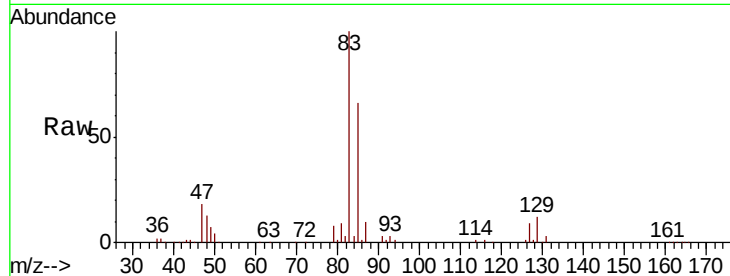
Tot Ion: 83 Resp: 202105

Ion Ratio Lower Upper

83 100

85 66.2 52.2 78.4

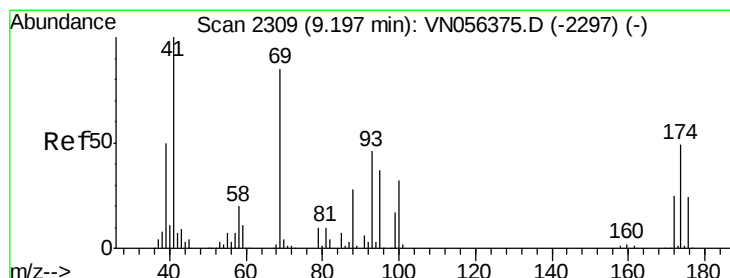
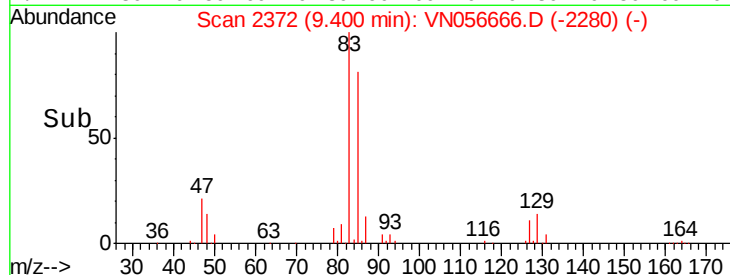
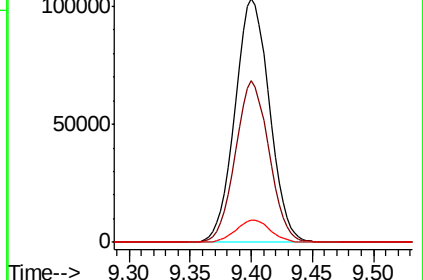
127 9.2 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056375.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN056375.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN056375.D (-2356) (-)



#48

Methyl methacrylate

Concen: 51.743 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

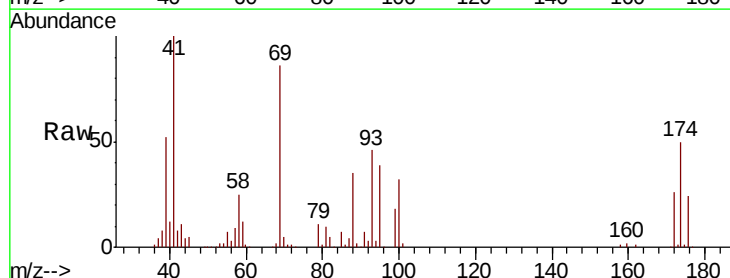
Tgt Ion: 41 Resp: 161729

Ion Ratio Lower Upper

41 100

69 89.4 72.6 109.0

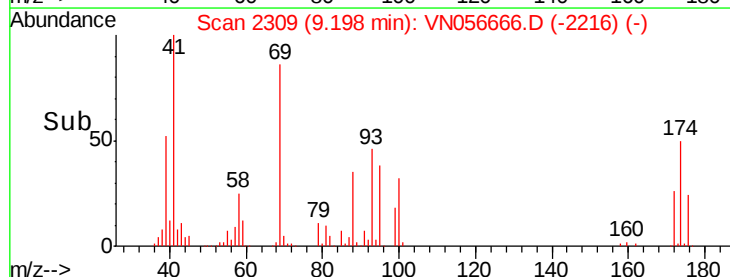
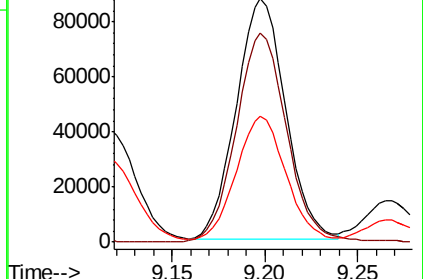
39 53.1 42.6 63.8

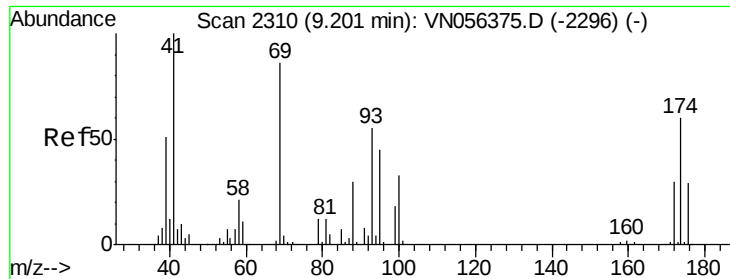


Abundance Ion 41.00 (40.70 to 41.70): VN056375.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN056375.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN056375.D (-2297) (-)





#49

1,4-Dioxane

Concen: 1044.817 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

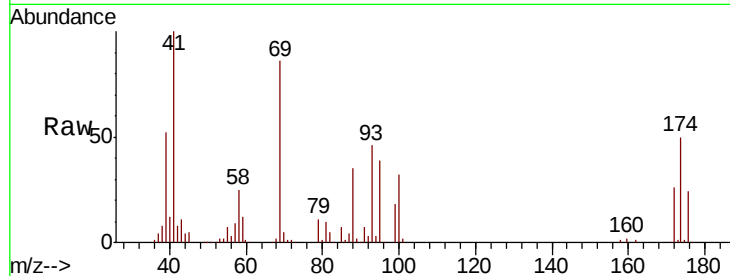
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 67770

Ion	Ratio	Lower	Upper
88	100		
43	29.5	22.0	33.0
58	69.5	51.8	77.8

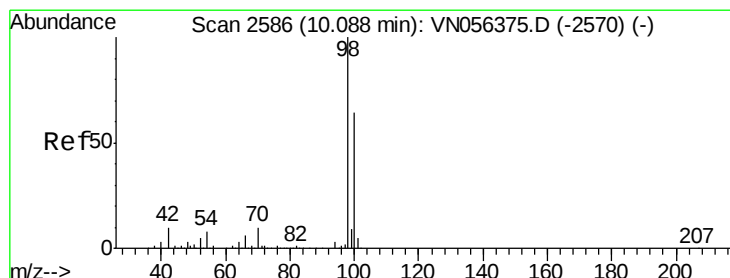
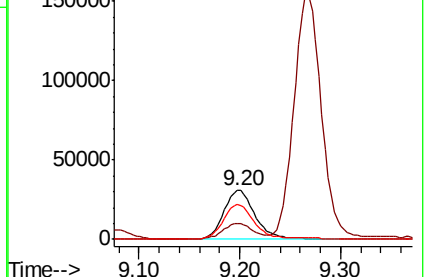
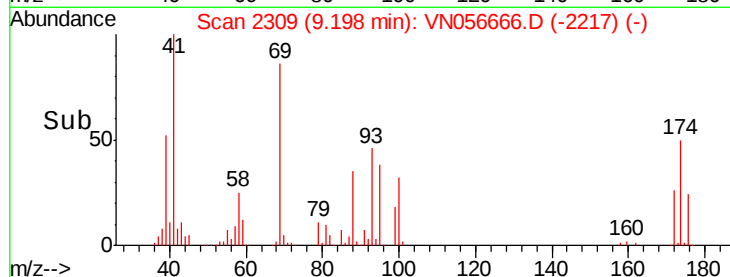


Abundance

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: 47.930 ug/l

RT: 10.09 min Scan# 2586

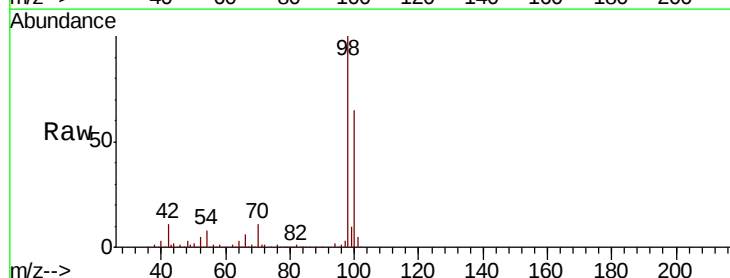
Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Tgt Ion: 98 Resp: 544064

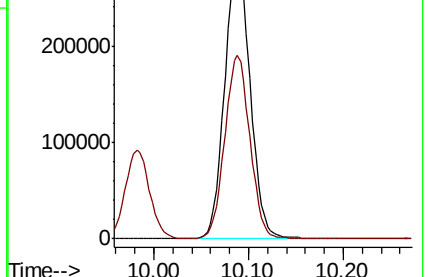
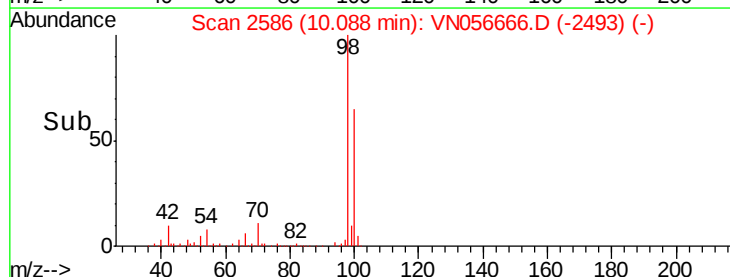
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2

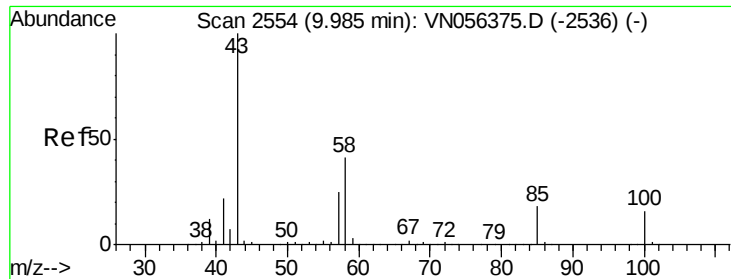


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 275.019 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

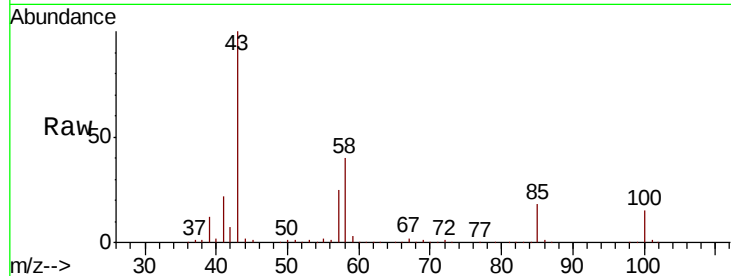
VSTDCCC050

Tot Ion: 43 Resp: 1107151

Ion Ratio Lower Upper

43 100

58 39.9 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

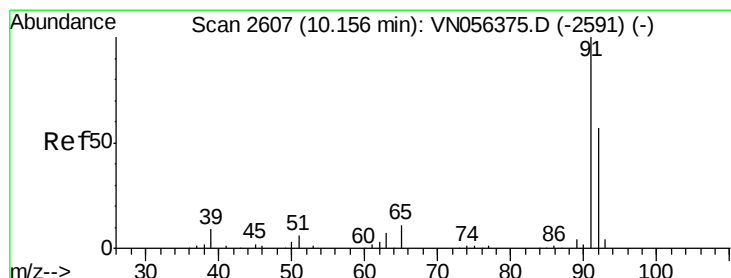
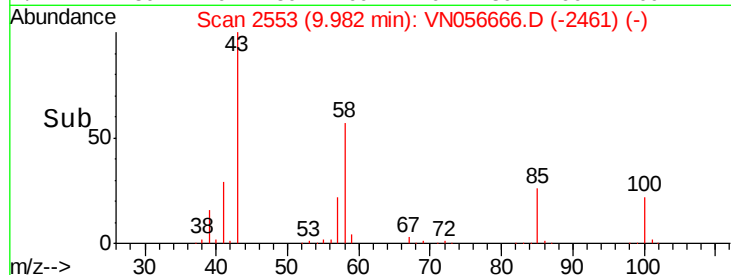
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.377 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056666.D

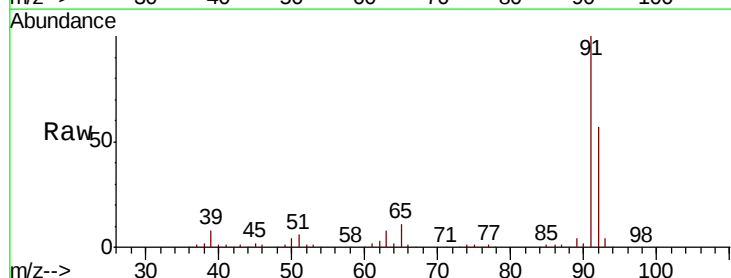
Acq: 11 Jul 2019 15:01

Tgt Ion: 92 Resp: 374465

Ion Ratio Lower Upper

92 100

91 173.8 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

400000

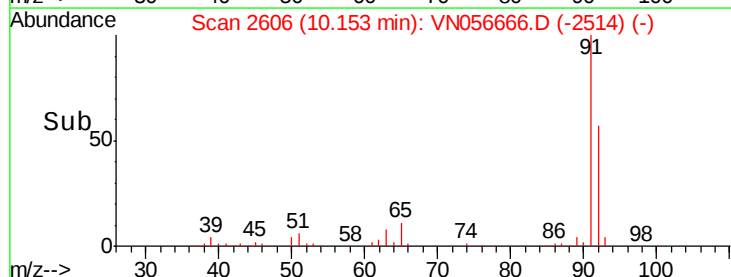
300000

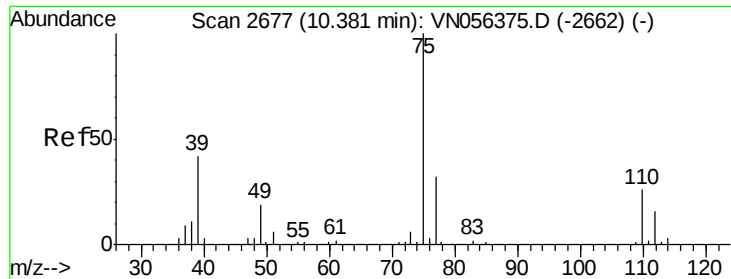
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.832 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

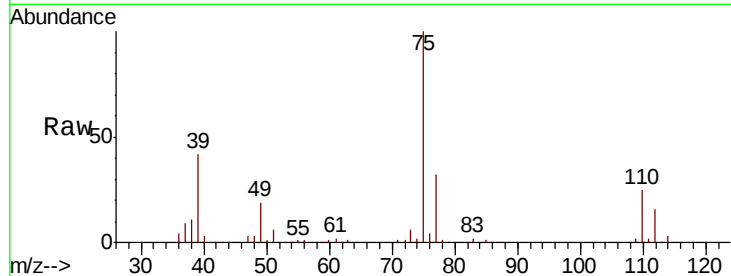
VSTDCCC050

Tot Ion: 75 Resp: 213373

Ion Ratio Lower Upper

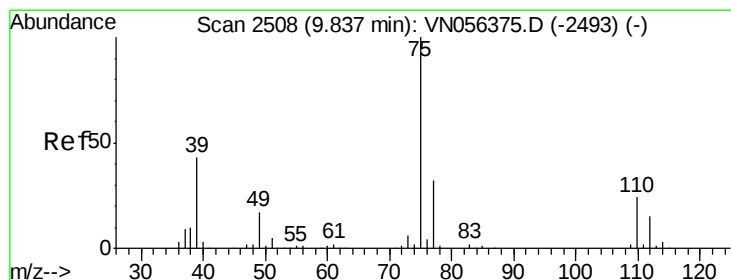
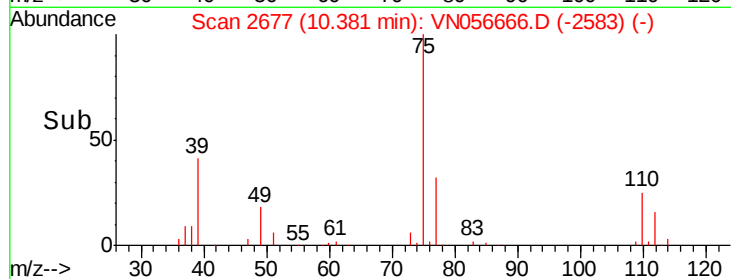
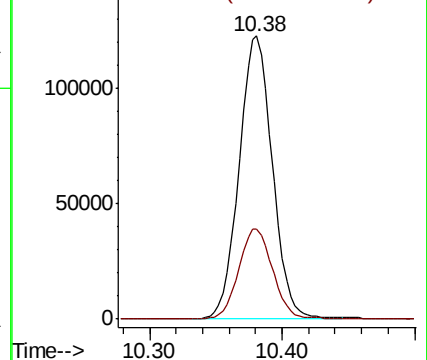
75 100

77 31.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.737 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

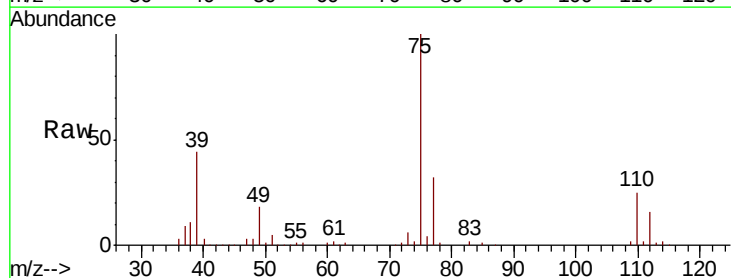
Tgt Ion: 75 Resp: 243131

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

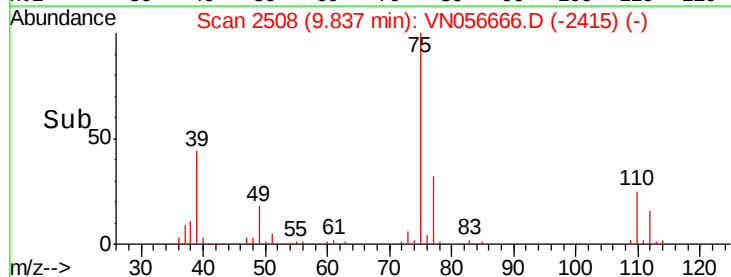
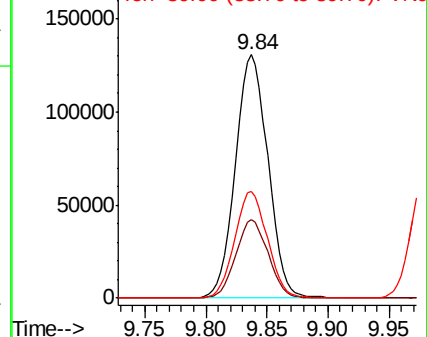
39 43.8 34.2 51.4

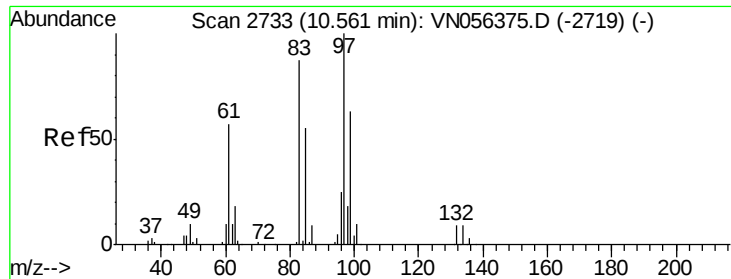


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 51.609 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 160575

Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.8	104.6
85	56.9	43.8	65.8
99	63.3	50.2	75.2

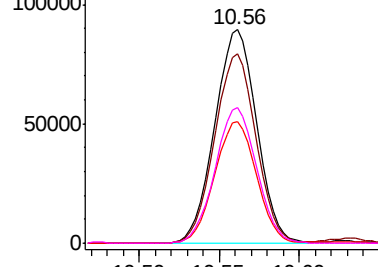
Abundance

Ion 96.90 (96.60 to 97.60): VNO

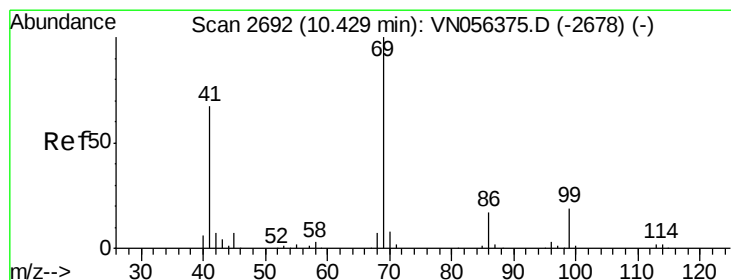
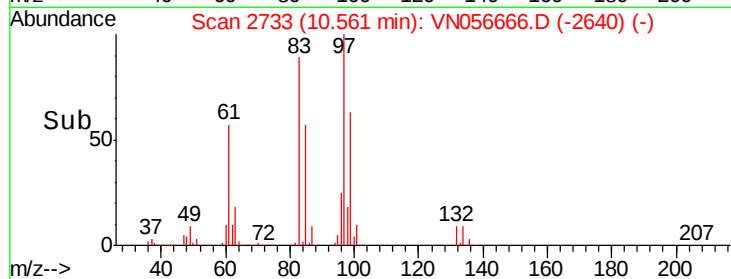
Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



Time-->



#56

Ethyl methacrylate

Concen: 53.666 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Tgt Ion: 69 Resp: 244022

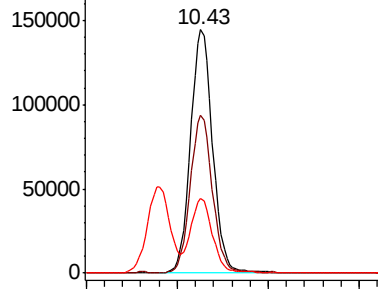
Ion	Ratio	Lower	Upper
69	100		
41	64.3	51.4	77.2
39	30.2	24.7	37.1

Abundance

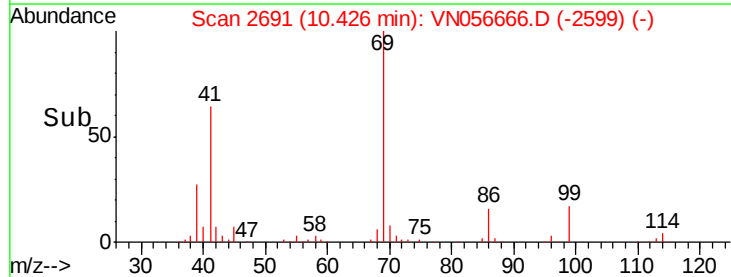
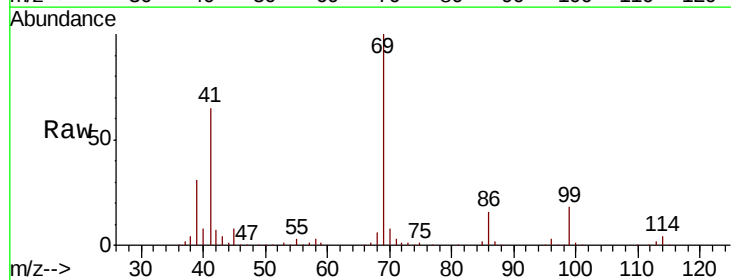
Ion 69.00 (68.70 to 69.70): VNO

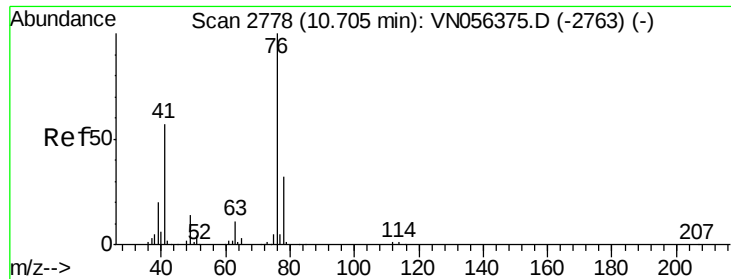
Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO



Time-->





#57

1,3-Dichloropropane

Concen: 50.639 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

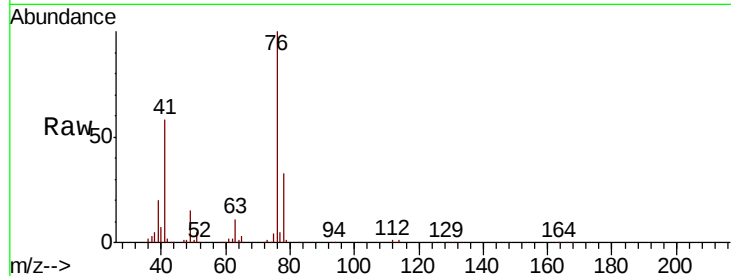
VSTDCCC050

Tot Ion: 76 Resp: 264687

Ion Ratio Lower Upper

76 100

78 32.9 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

150000

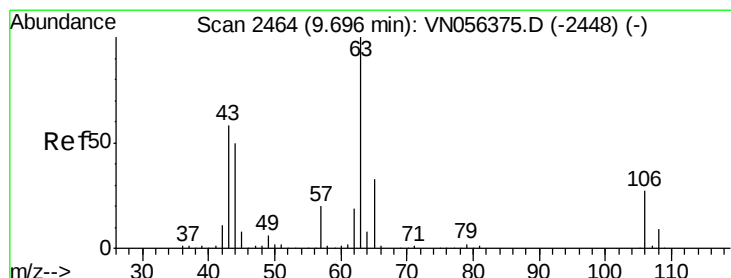
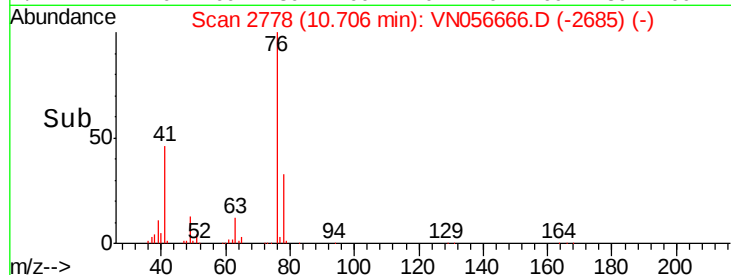
100000

50000

0

Time-->

10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 377.091 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056666.D

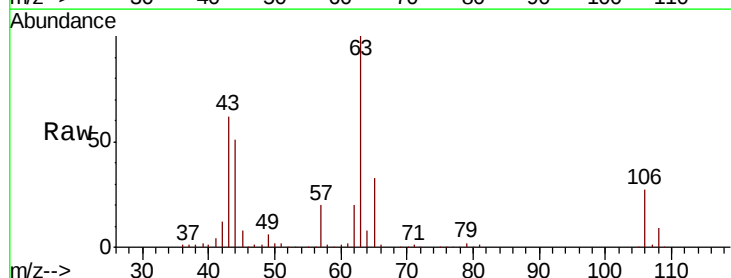
Acq: 11 Jul 2019 15:01

Tgt Ion: 63 Resp: 615989

Ion Ratio Lower Upper

63 100

106 26.8 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

400000

300000

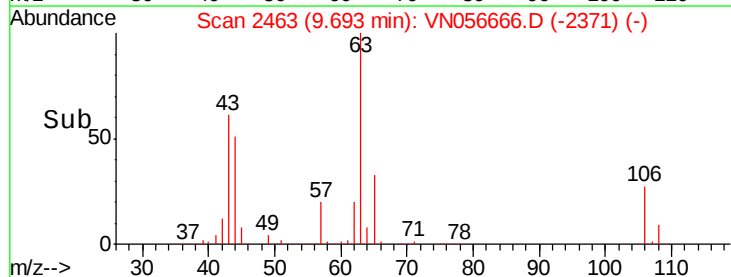
200000

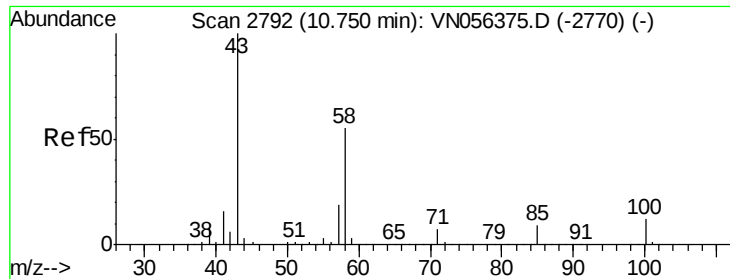
100000

0

Time-->

9.60 9.70 9.80

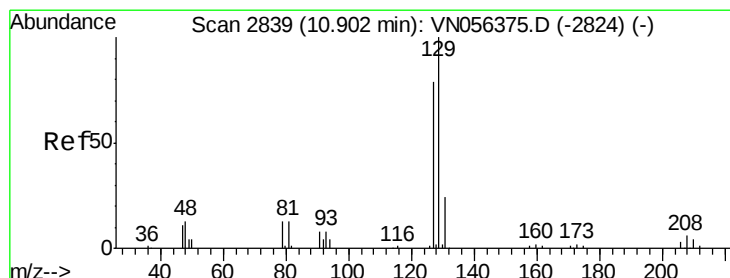
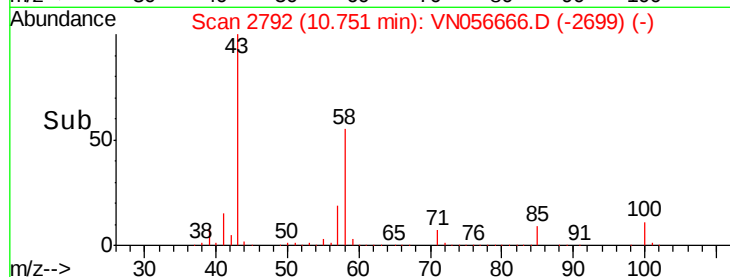
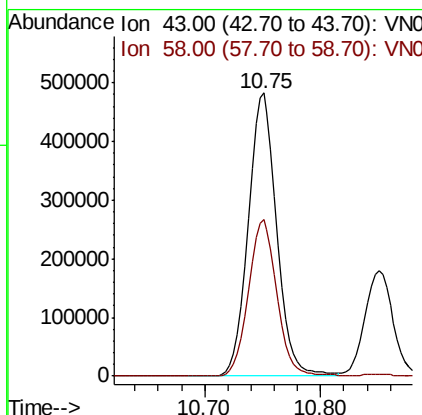
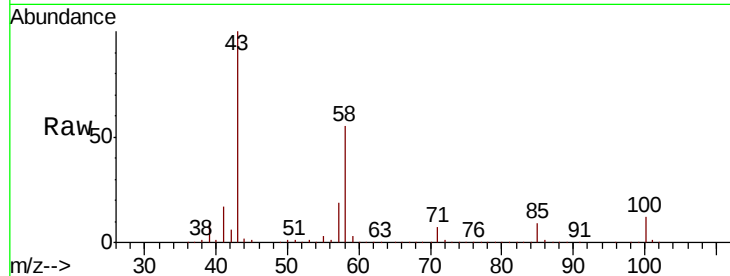




#59
2-Hexanone
Concen: 278.976 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

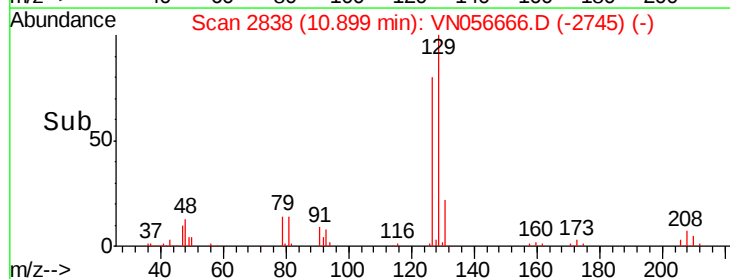
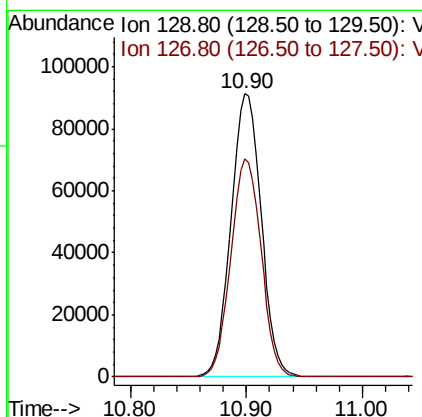
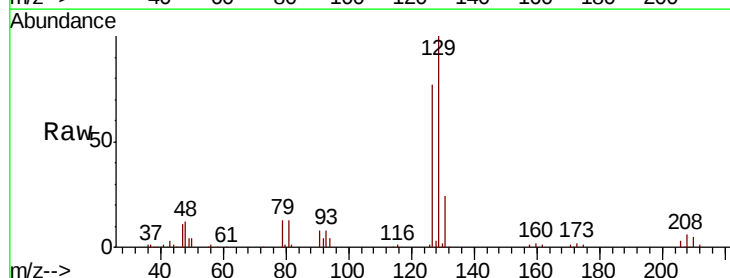
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

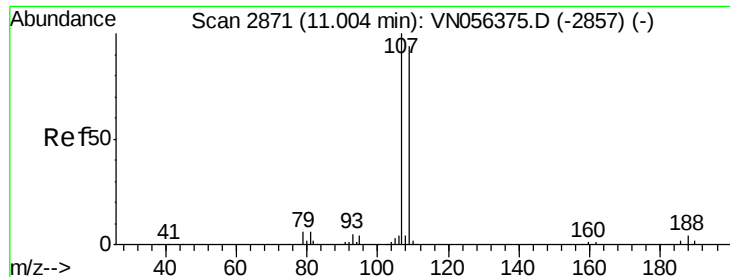
Tot Ion: 43 Resp: 825429
Ion Ratio Lower Upper
43 100
58 55.4 27.8 83.4



#60
Dibromochloromethane
Concen: 51.385 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 129 Resp: 164553
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7

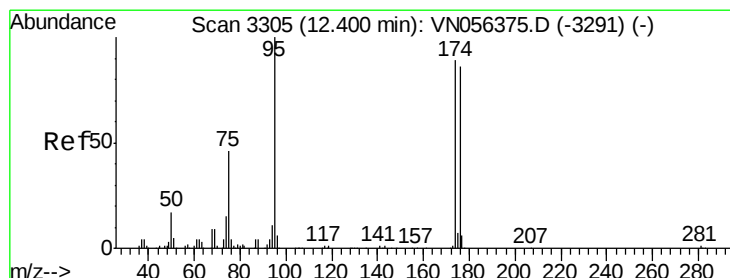
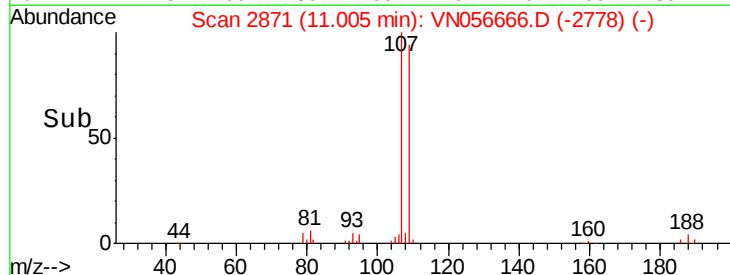
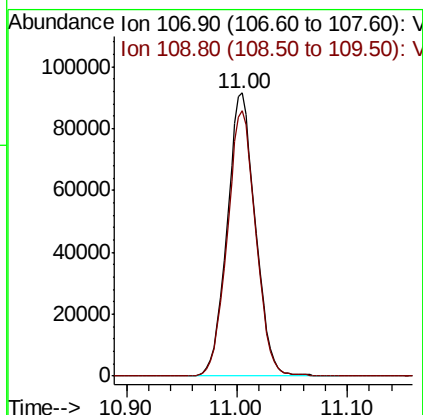
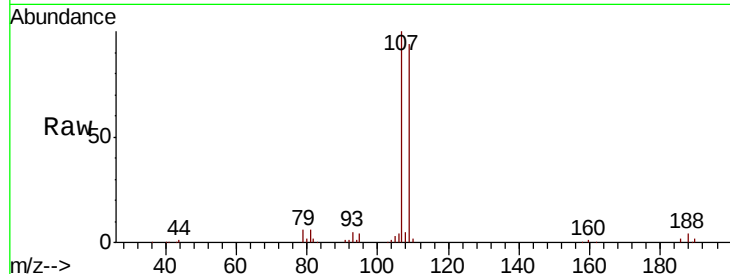




#61
 1,2-Dibromoethane
 Concen: 51.151 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

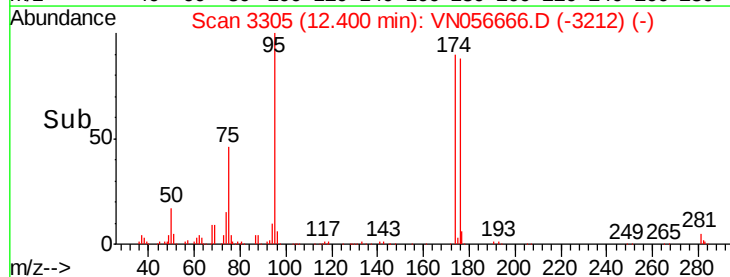
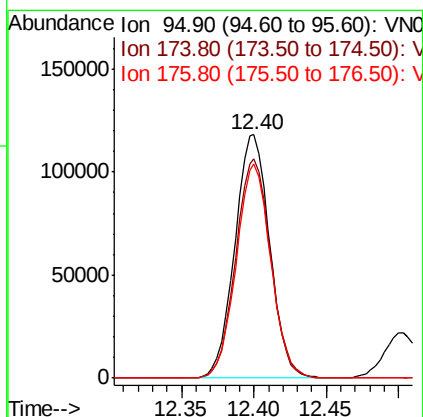
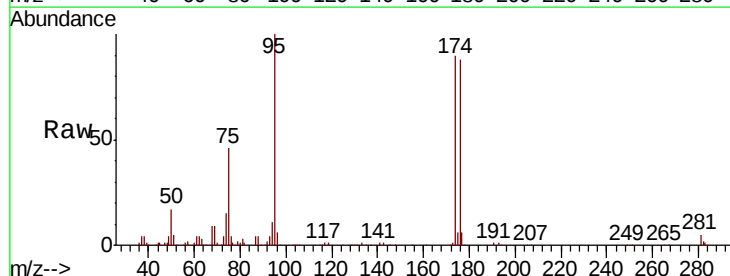
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

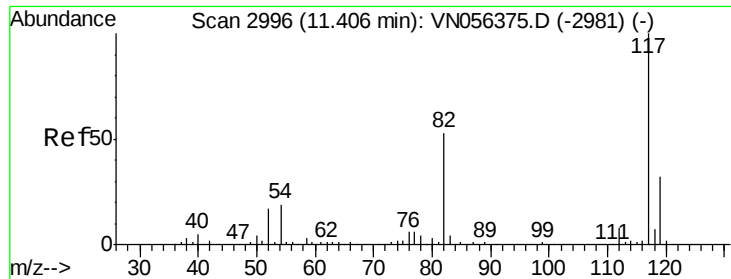
Tot Ion: 107 Resp: 162547
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 52.107 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion: 95 Resp: 197174
 Ion Ratio Lower Upper
 95 100
 174 90.6 0.0 179.4
 176 86.9 0.0 173.4

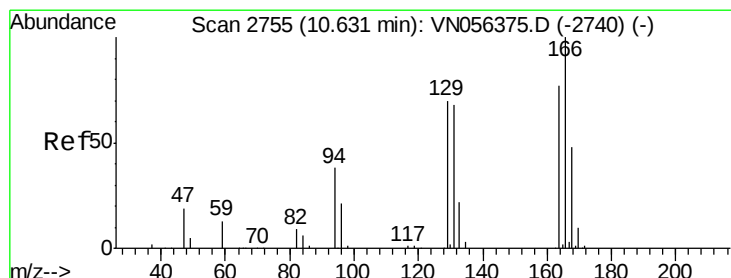
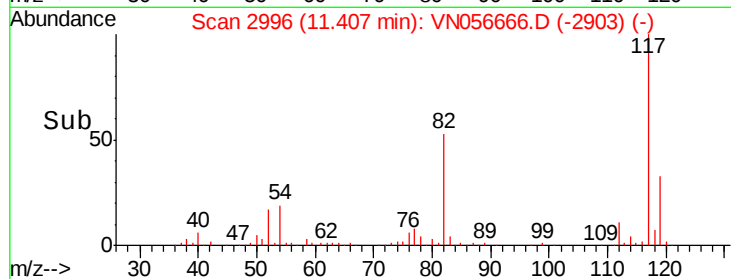
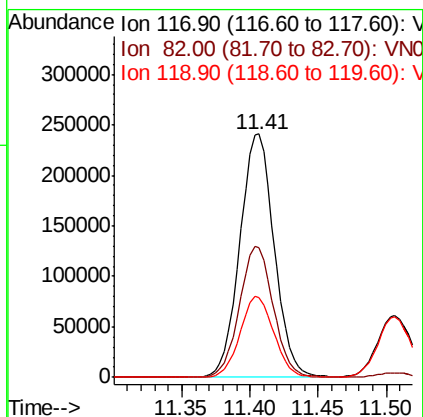
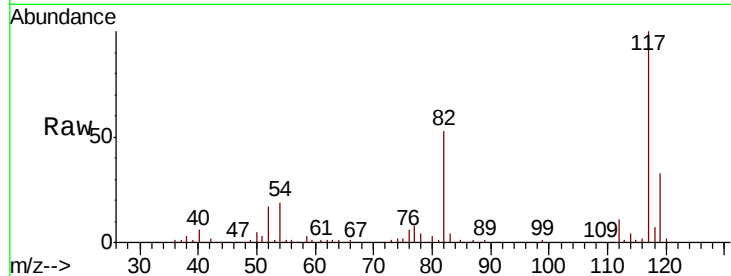




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

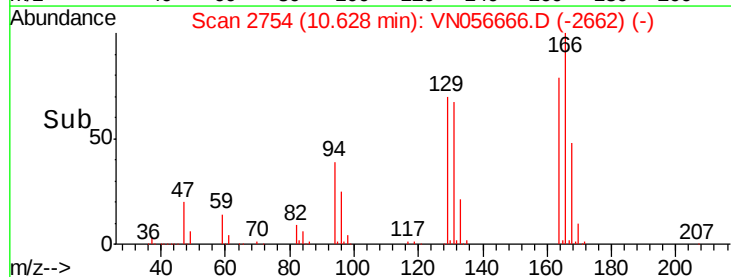
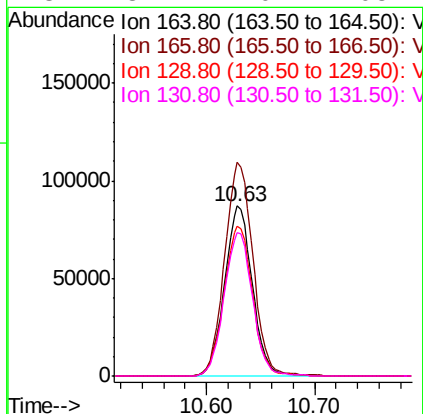
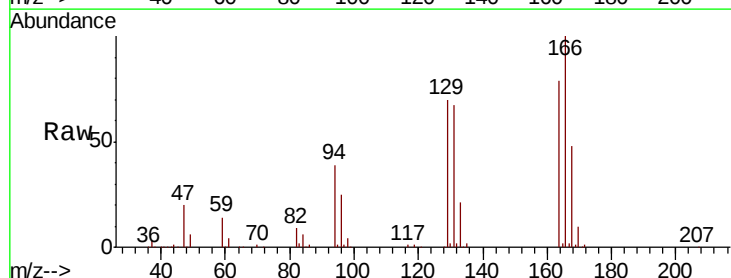
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

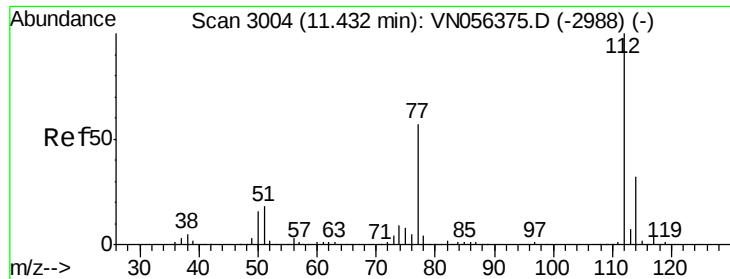
Tot Ion:117 Resp: 421291
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 32.7 25.3 37.9



#64
Tetrachloroethene
Concen: 46.738 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion:164 Resp: 155930
Ion Ratio Lower Upper
164 100
166 125.8 103.4 155.0
129 88.3 72.0 108.0
131 84.7 70.2 105.2

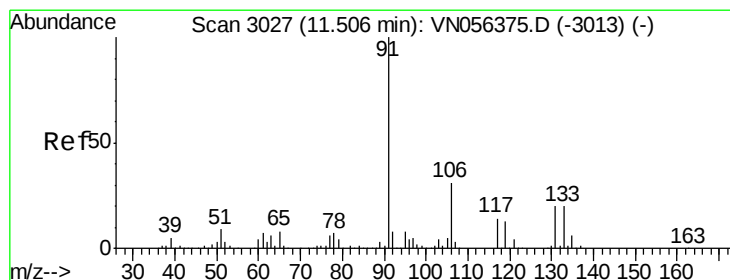
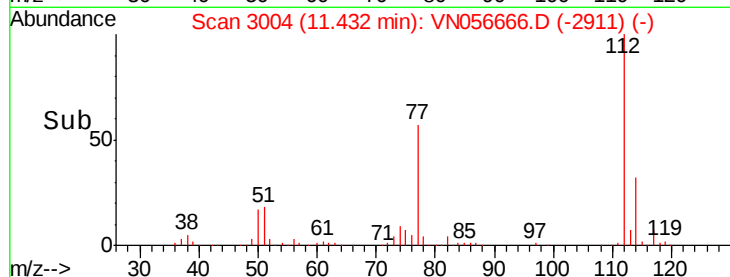
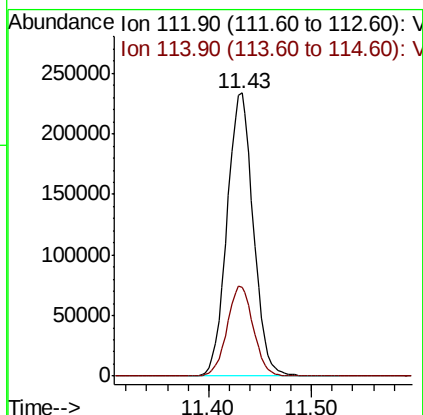
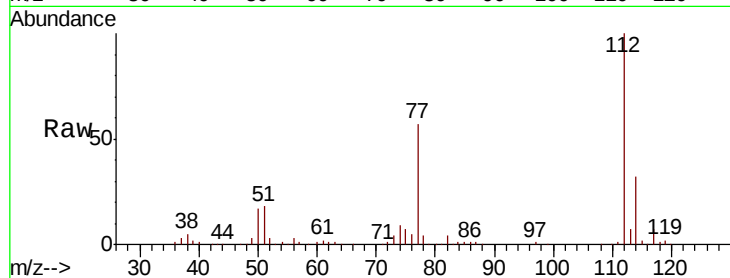




#65
Chlorobenzene
Concen: 49.027 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

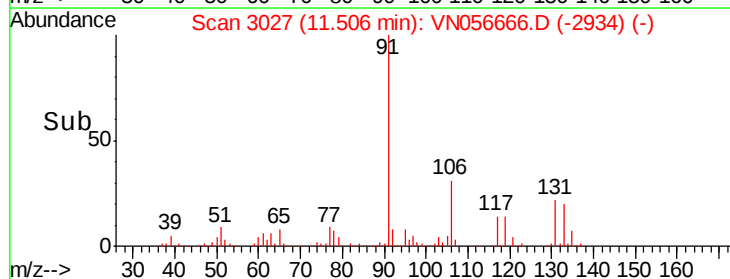
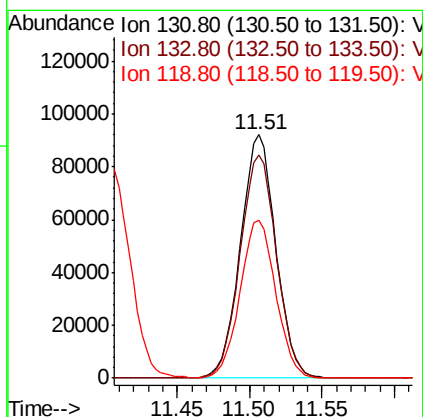
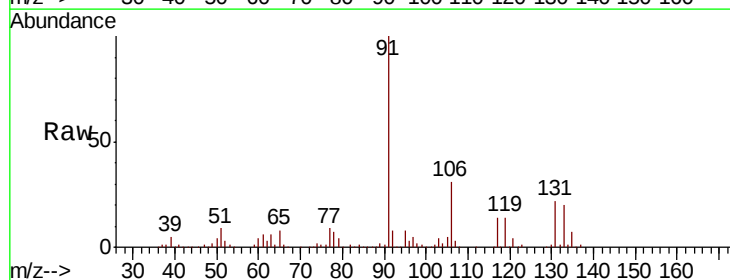
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

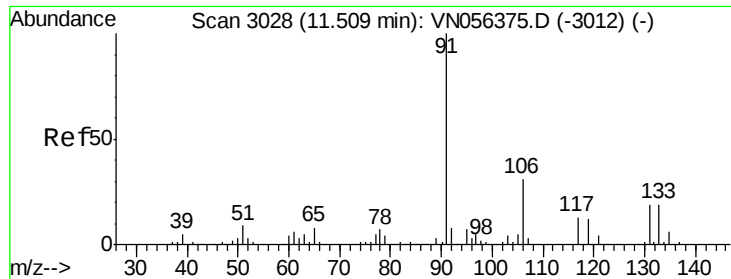
Tot Ion:112 Resp: 415026
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.560 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion:131 Resp: 156099
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.2
119 65.5 32.8 98.4

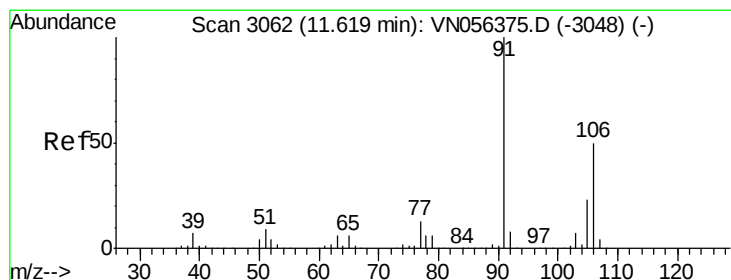
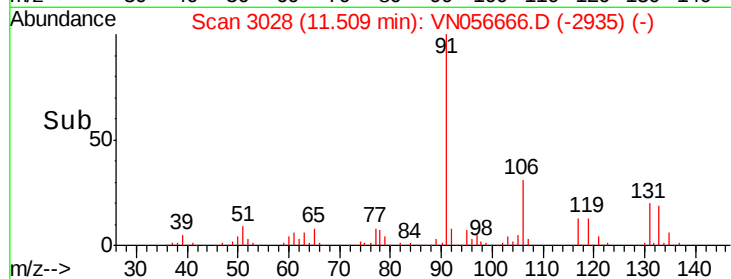
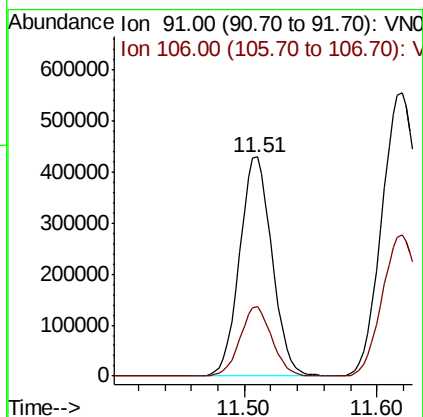
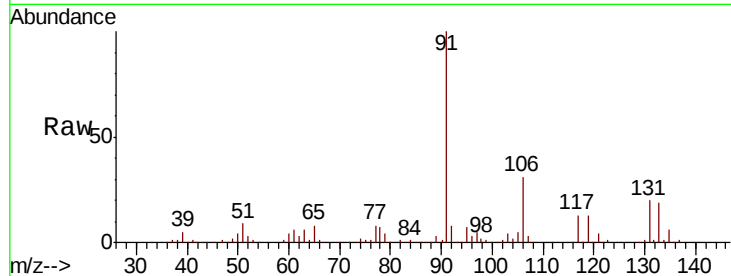




#67
Ethyl Benzene
Concen: 49.108 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

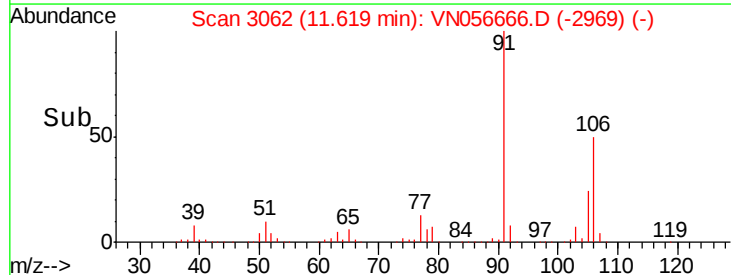
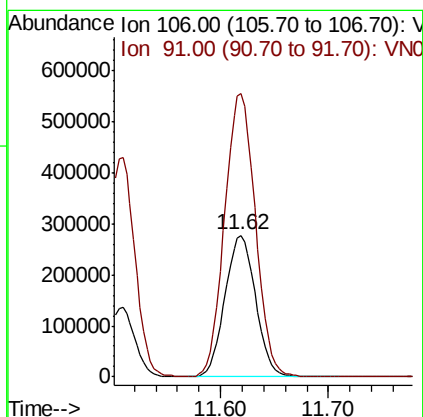
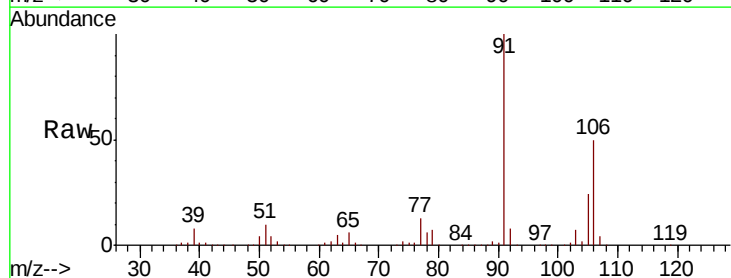
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

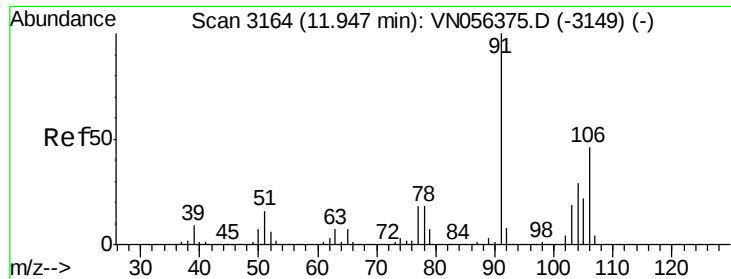
Tot Ion: 91 Resp: 729932
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7



#68
m/p-Xylenes
Concen: 100.924 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 106 Resp: 549760
Ion Ratio Lower Upper
106 100
91 200.8 160.1 240.1

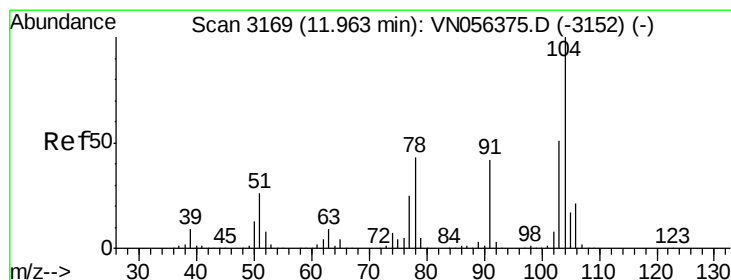
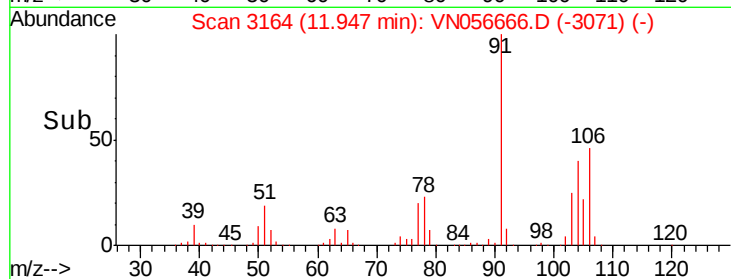
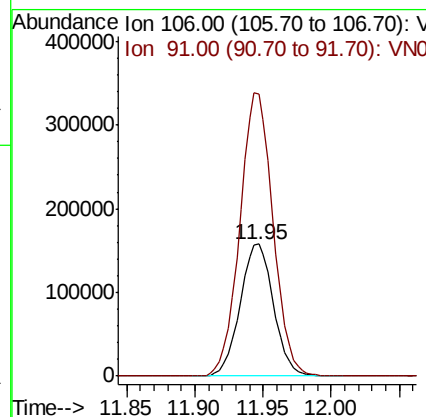
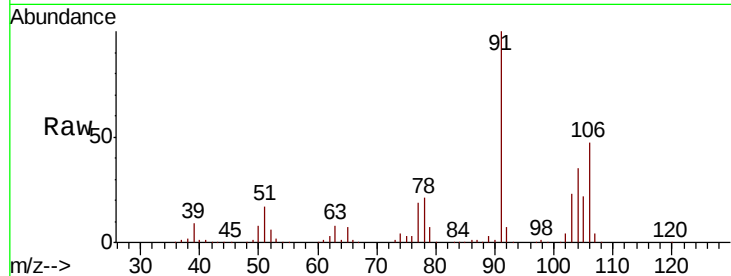




#69
o-Xylene
Concen: 49.643 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

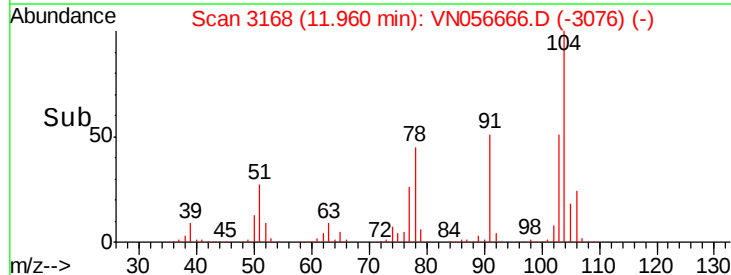
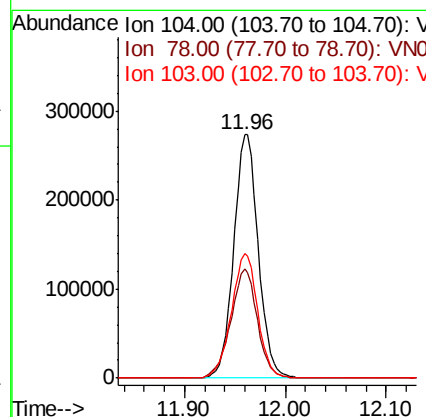
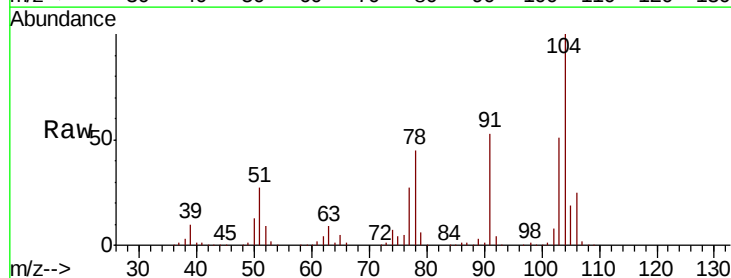
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

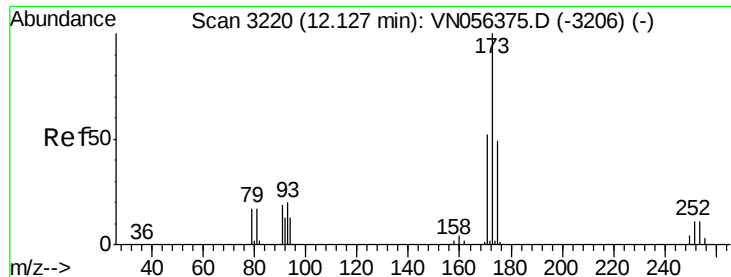
Tot Ion:106 Resp: 267536
Ion Ratio Lower Upper
106 100
91 213.2 107.1 321.3



#70
Styrene
Concen: 53.849 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion:104 Resp: 463859
Ion Ratio Lower Upper
104 100
78 48.5 38.6 57.8
103 55.0 43.9 65.9

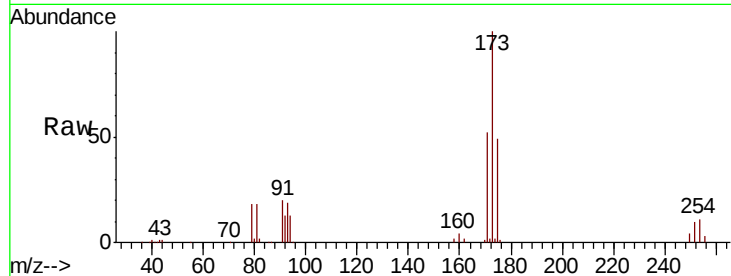




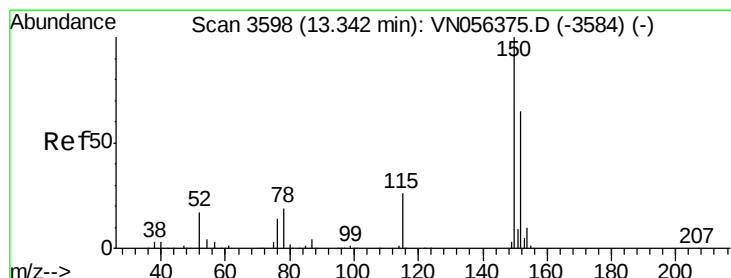
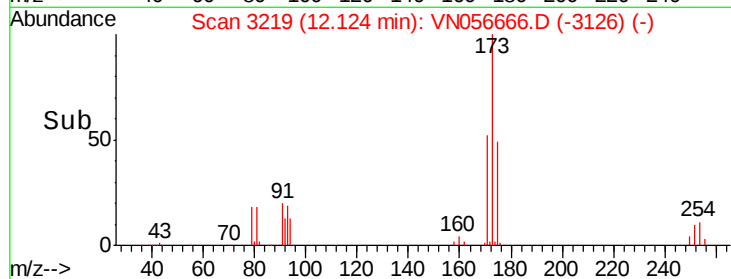
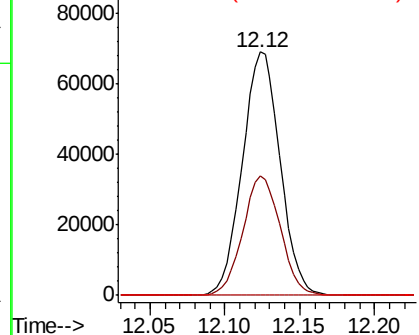
#71
Bromoform
Concen: 52.484 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 121524
Ion Ratio Lower Upper
173 100
175 48.4 24.4 73.4
254 0.0 0.0 0.0

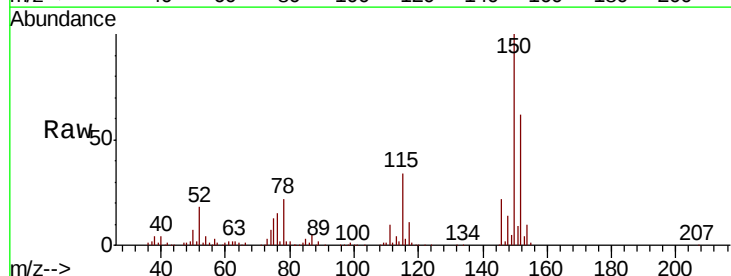


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

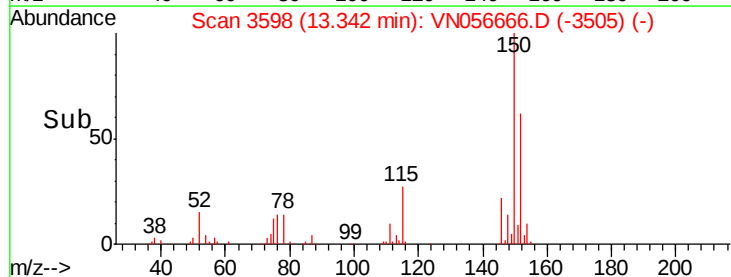
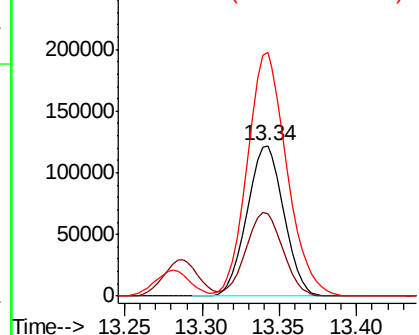


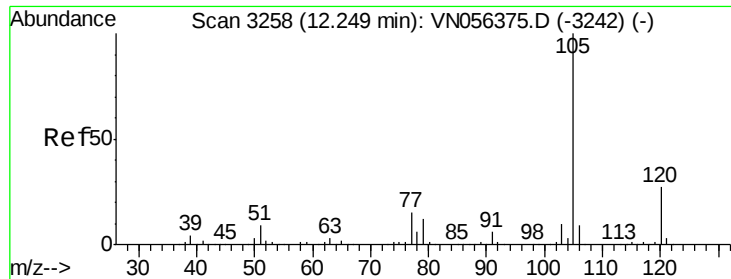
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion:152 Resp: 202301
Ion Ratio Lower Upper
152 100
115 55.8 28.1 84.4
150 173.5 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.101 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

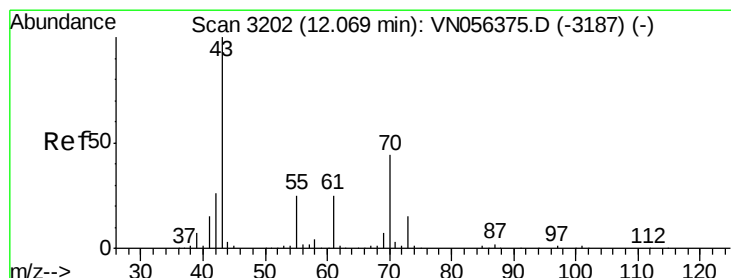
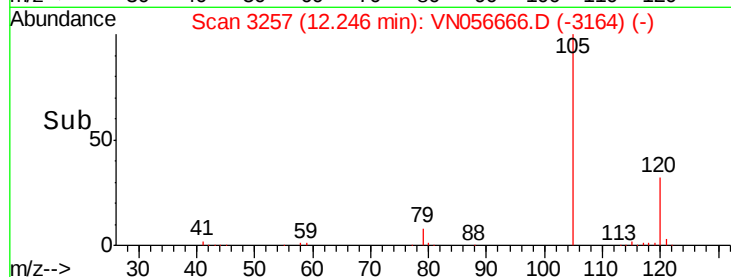
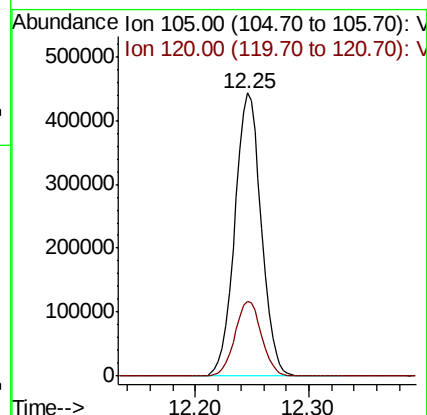
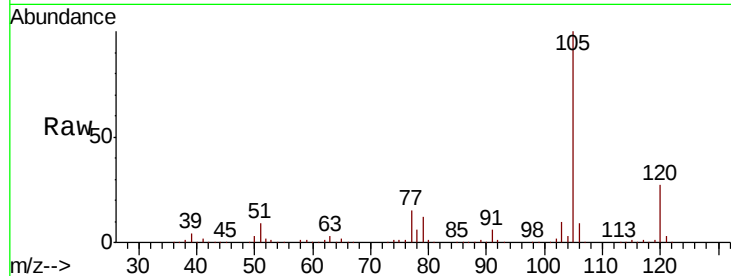
VSTDCCC050

Tot Ion:105 Resp: 718060

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 43.754 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Tgt Ion: 43 Resp: 281704

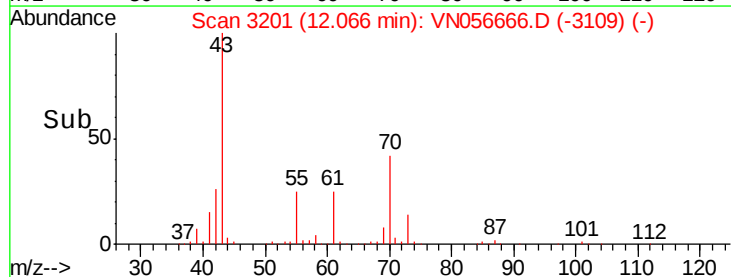
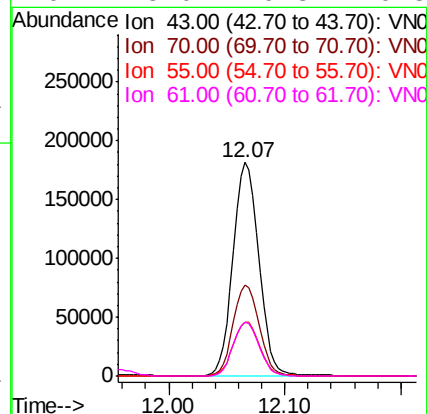
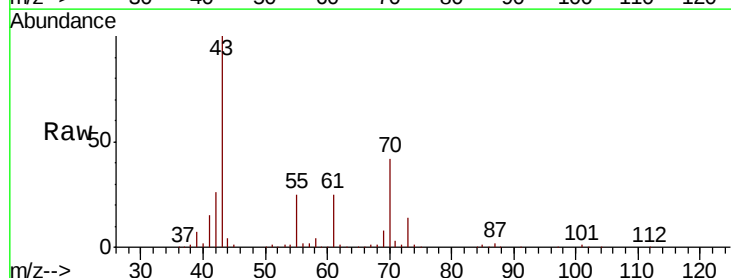
Ion Ratio Lower Upper

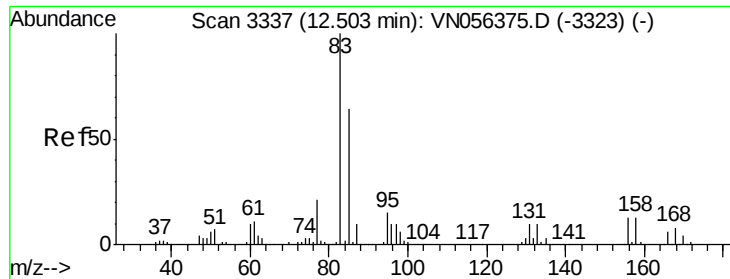
43 100

70 42.9 34.9 52.3

55 26.2 20.4 30.6

61 25.0 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.817 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

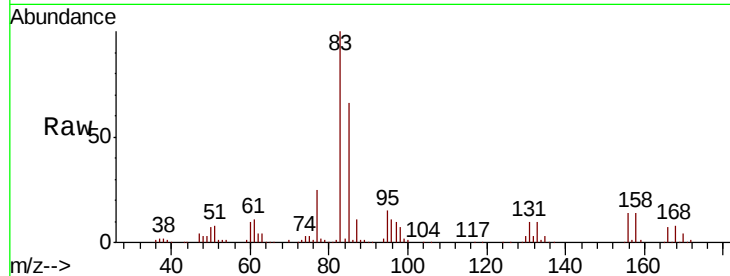
Tot Ion: 83 Resp: 238811

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

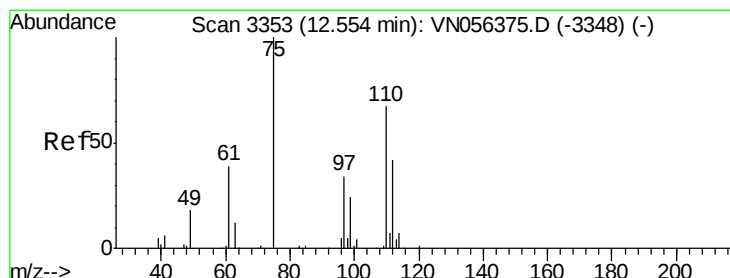
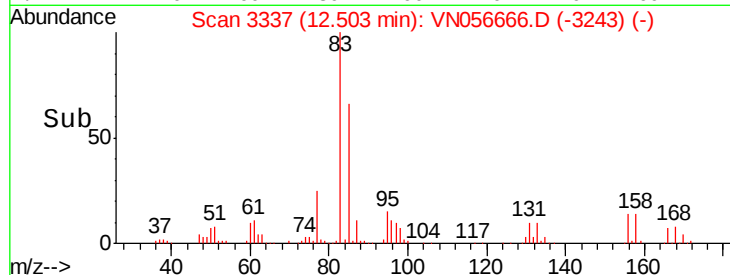
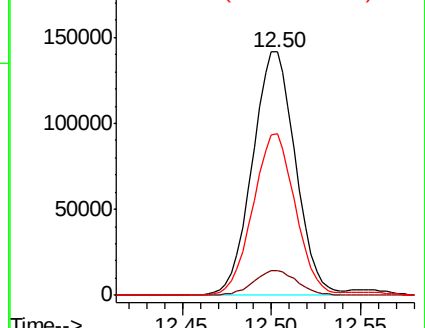
85 65.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN056666.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN056666.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN056666.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 69.395 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056666.D

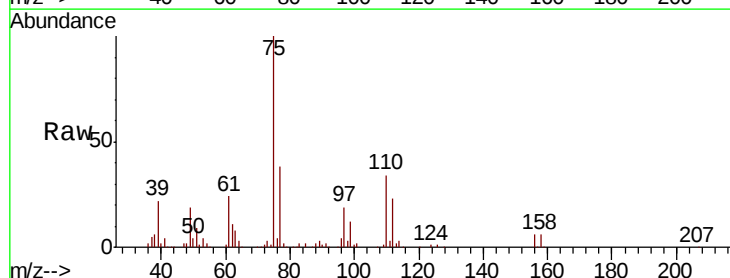
Acq: 11 Jul 2019 15:01

Tgt Ion: 75 Resp: 291093

Ion Ratio Lower Upper

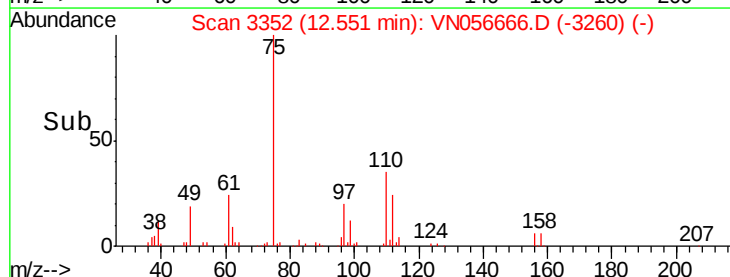
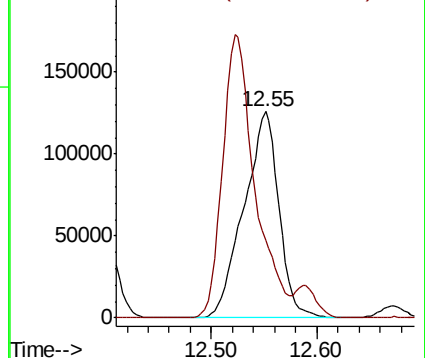
75 100

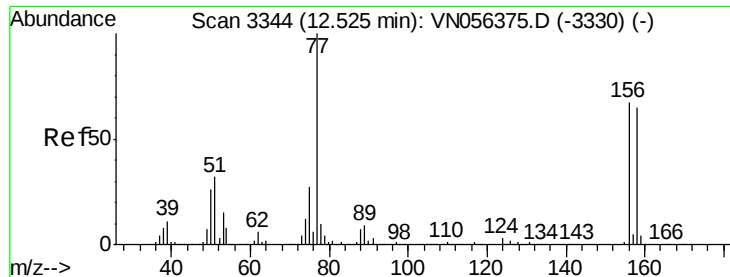
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056666.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN056666.D (-3260) (-)





#77

Bromobenzene

Concen: 42.473 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

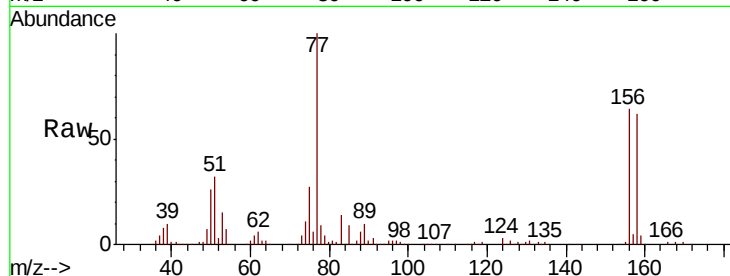
Tot Ion:156 Resp: 192126

Ion Ratio Lower Upper

156 100

77 189.8 92.5 277.3

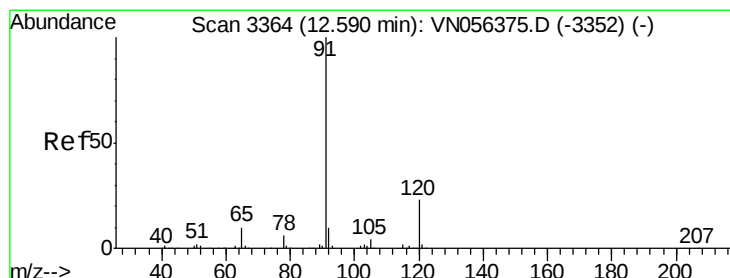
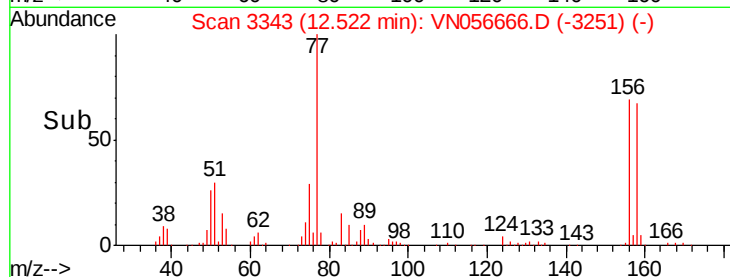
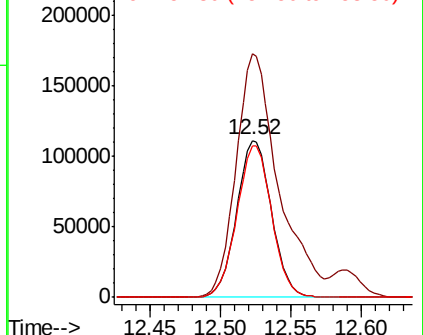
158 97.1 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.311 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056666.D

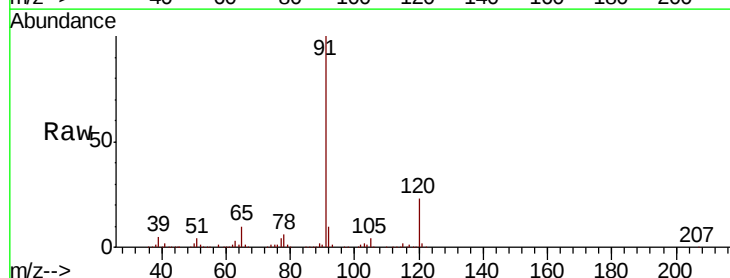
Acq: 11 Jul 2019 15:01

Tgt Ion: 91 Resp: 820908

Ion Ratio Lower Upper

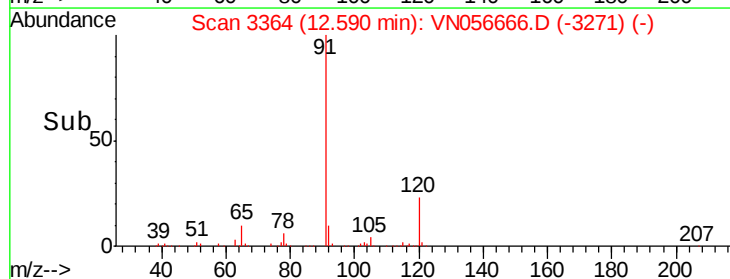
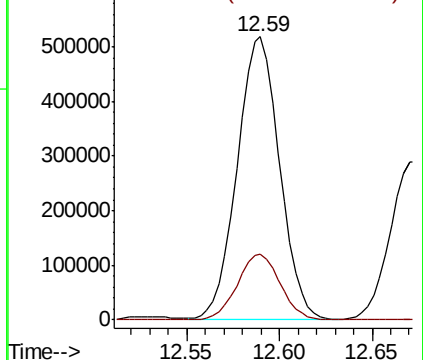
91 100

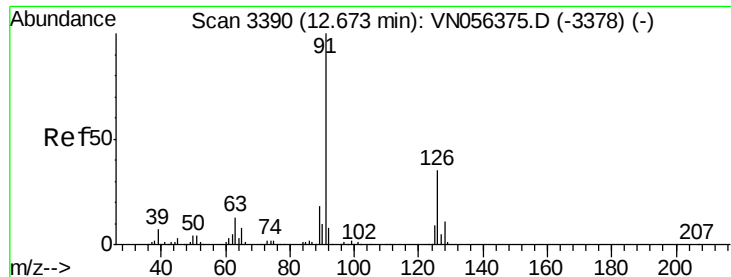
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.786 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

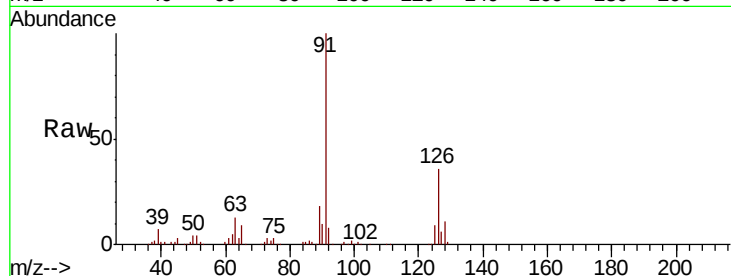
VSTDCCC050

Tot Ion: 91 Resp: 486567

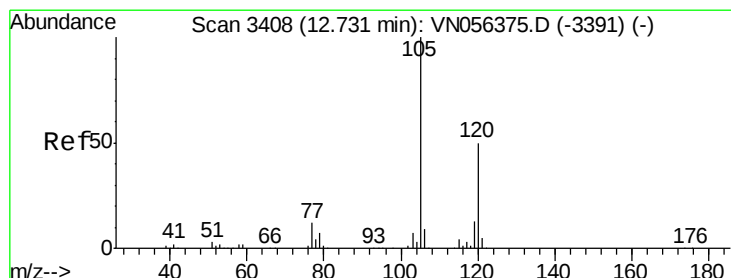
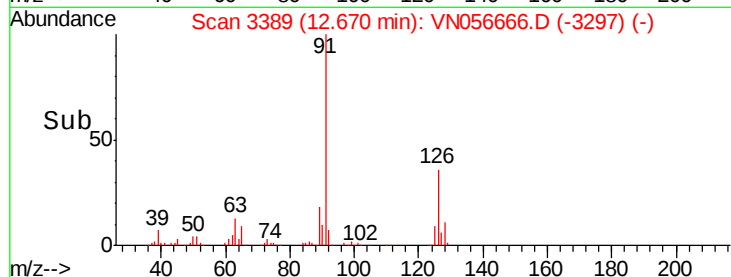
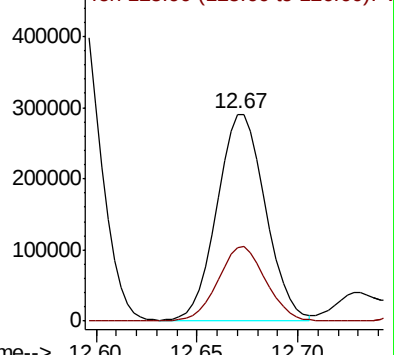
Ion Ratio Lower Upper

91 100

126 35.6 17.6 52.8



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



#80

1,3,5-Trimethylbenzene

Concen: 48.496 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056666.D

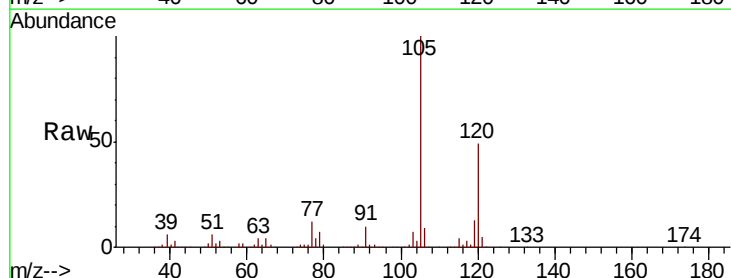
Acq: 11 Jul 2019 15:01

Tgt Ion: 105 Resp: 618293

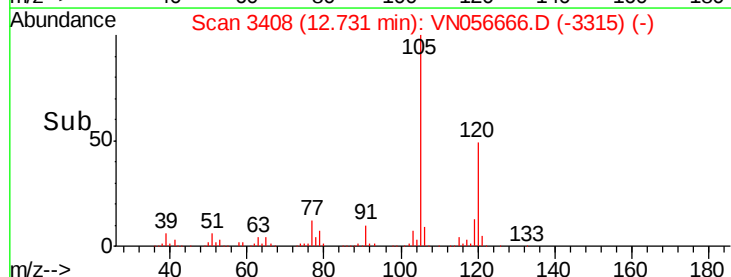
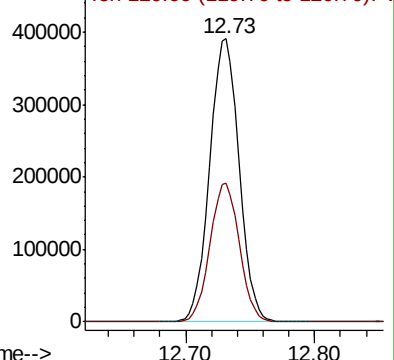
Ion Ratio Lower Upper

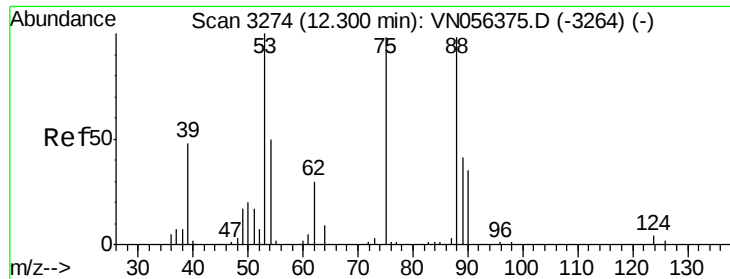
105 100

120 49.2 24.8 74.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 56.446 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

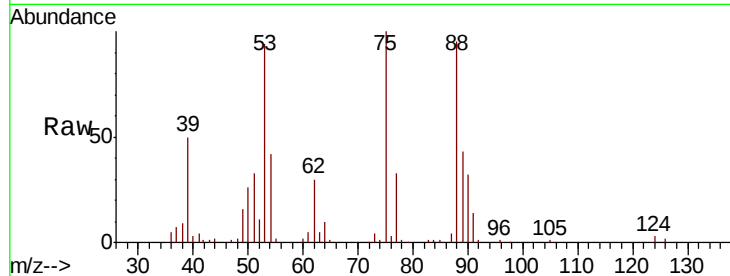
Tot Ion: 75 Resp: 66620

Ion Ratio Lower Upper

75 100

53 95.0 83.9 125.9

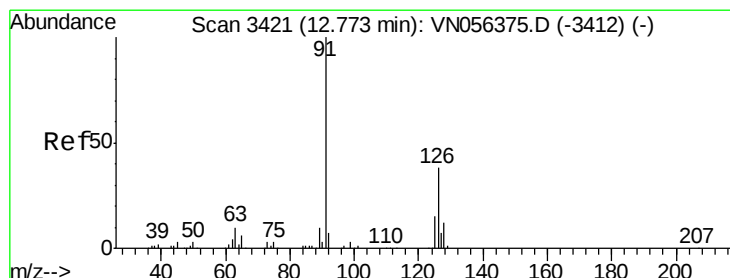
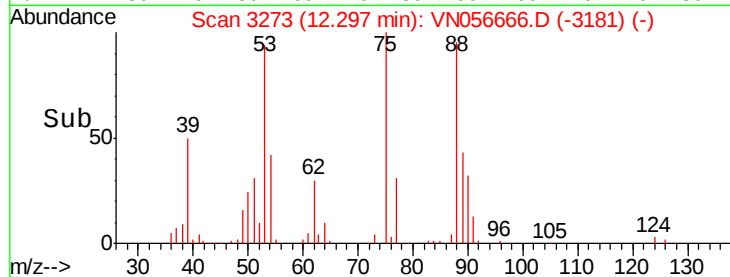
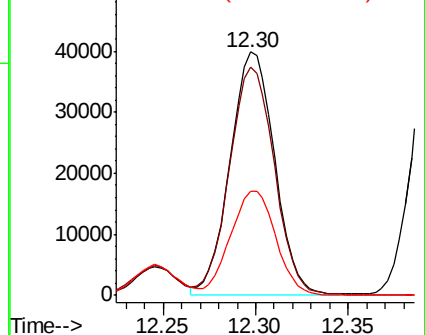
89 43.6 35.0 52.6



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: 44.977 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056666.D

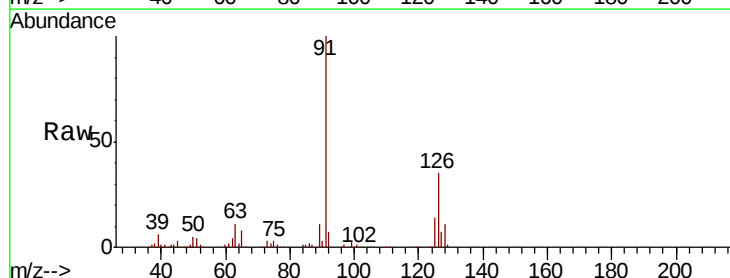
Acq: 11 Jul 2019 15:01

Tgt Ion: 91 Resp: 491982

Ion Ratio Lower Upper

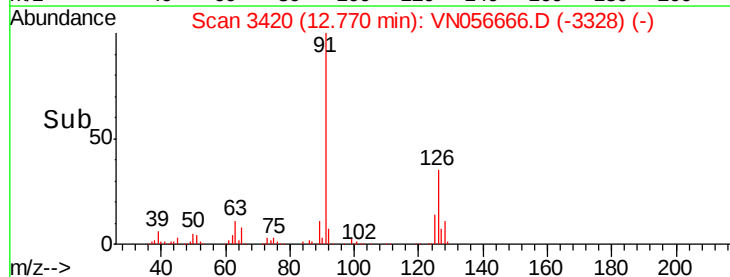
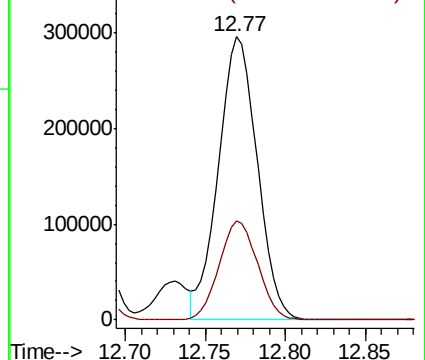
91 100

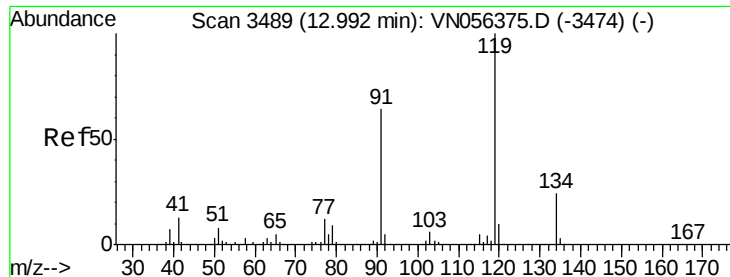
126 34.8 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

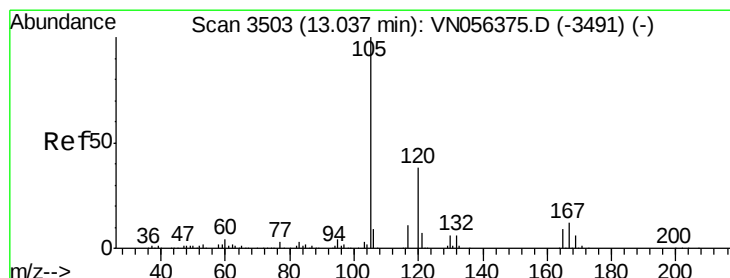
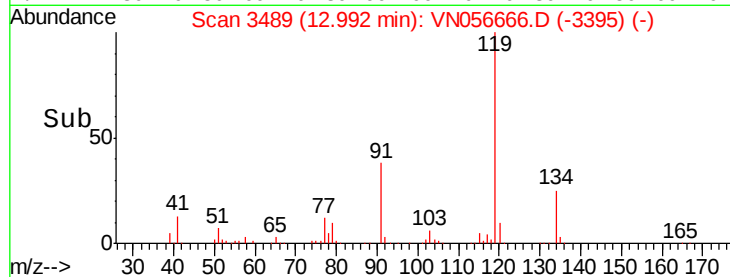
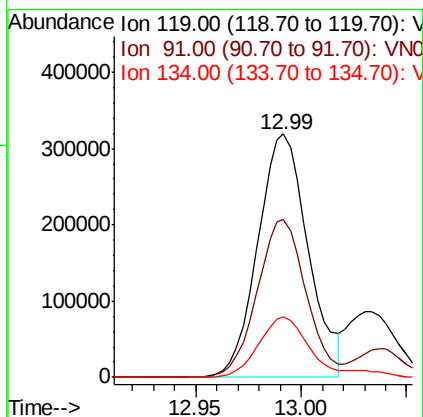
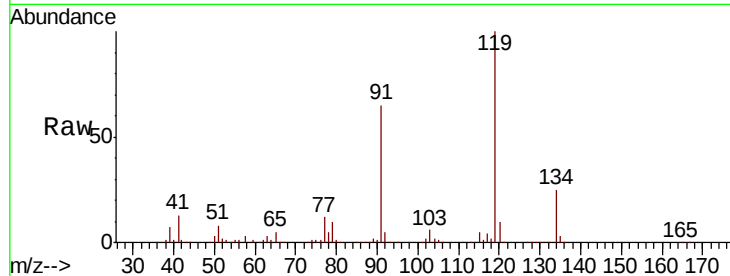




#83
tert-Butylbenzene
Concen: 47.717 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

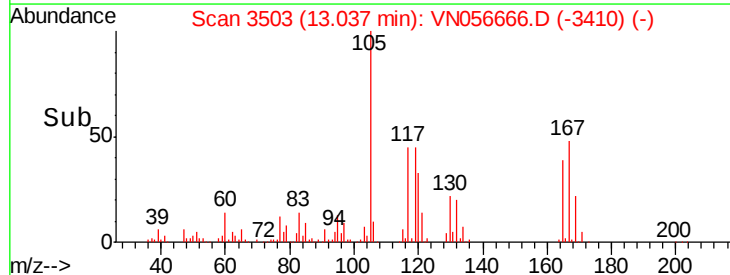
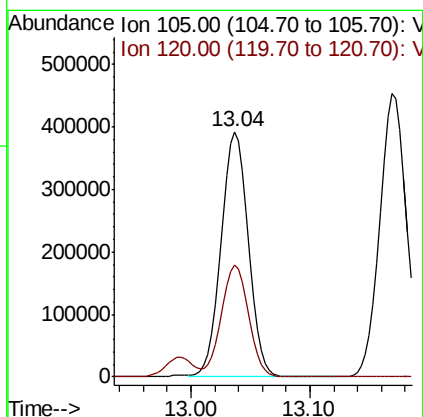
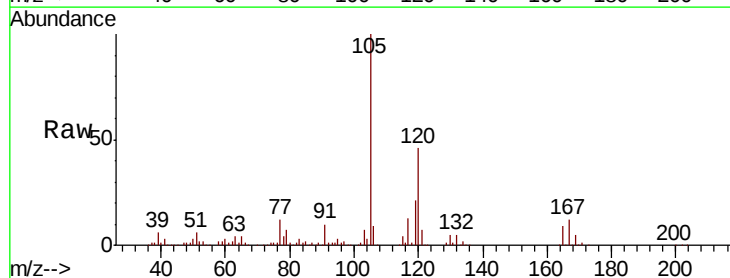
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

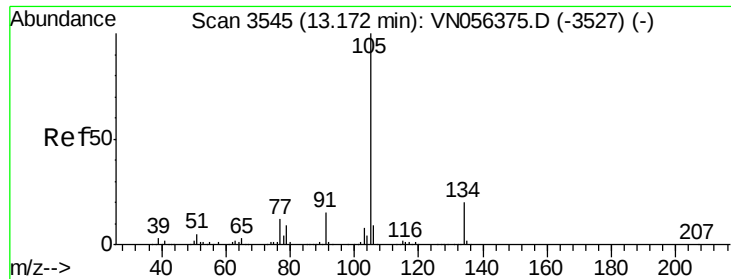
Tot Ion:119 Resp: 530767
Ion Ratio Lower Upper
119 100
91 63.1 31.6 94.7
134 26.4 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 45.651 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion:105 Resp: 621715
Ion Ratio Lower Upper
105 100
120 45.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 43.479 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

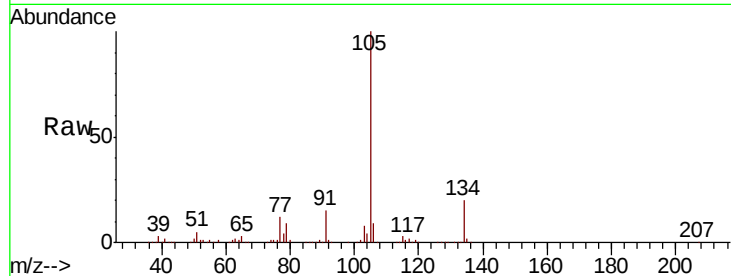
VSTDCCC050

Tot Ion:105 Resp: 707984

Ion Ratio Lower Upper

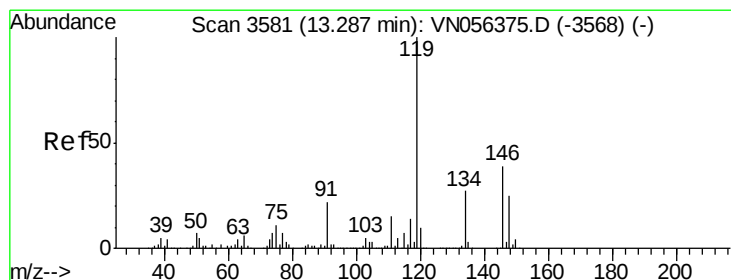
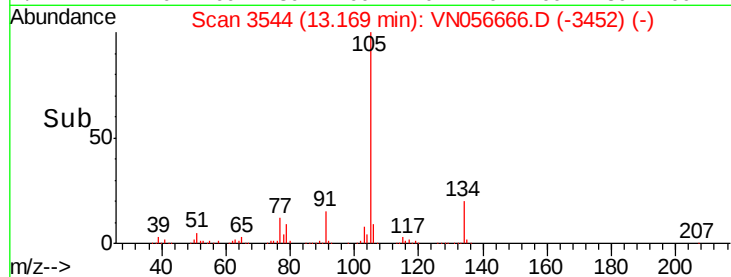
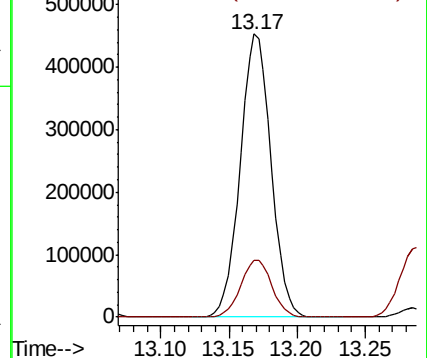
105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.438 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

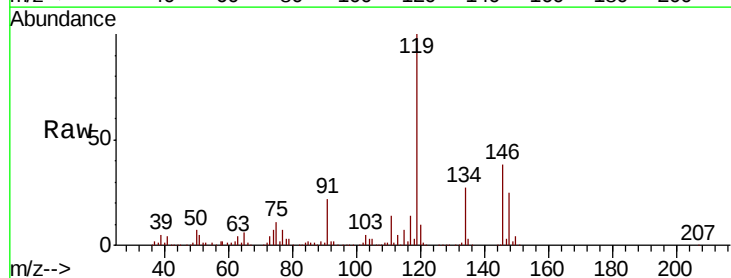
Tgt Ion:119 Resp: 648942

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

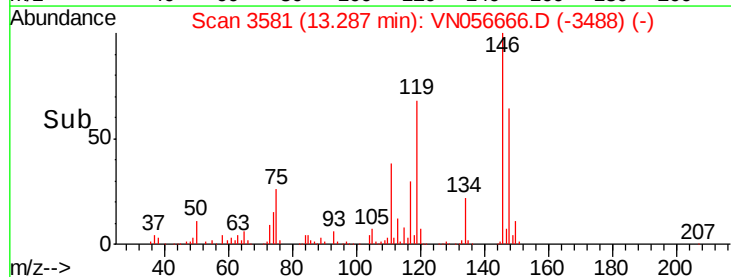
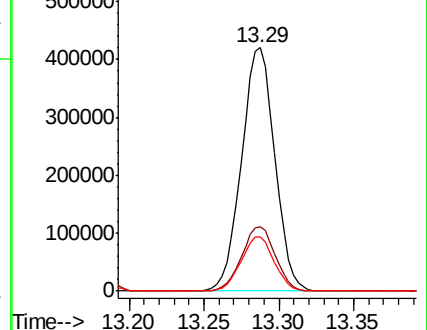
91 22.1 11.2 33.5

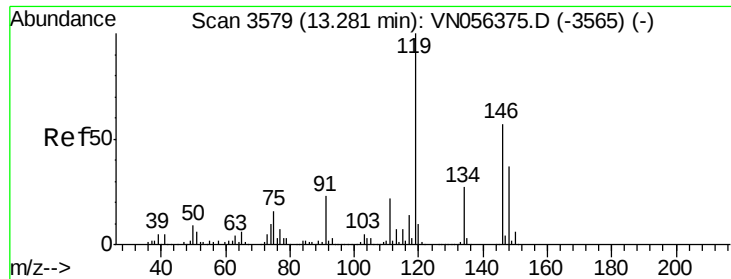


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

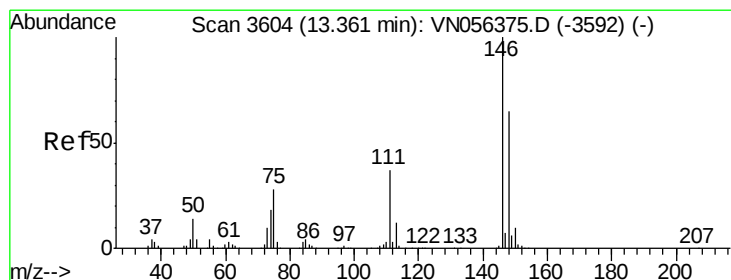
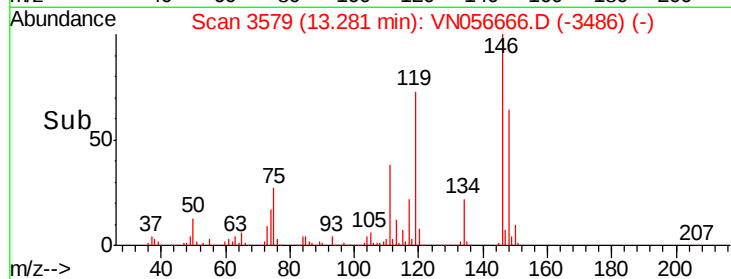
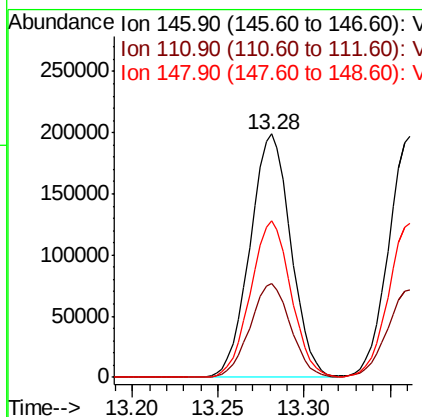
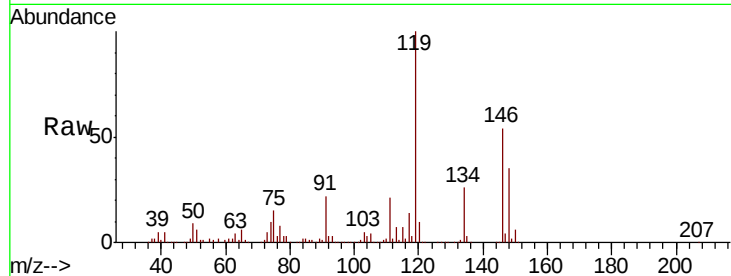




#87
 1,3-Dichlorobenzene
 Concen: 47.665 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

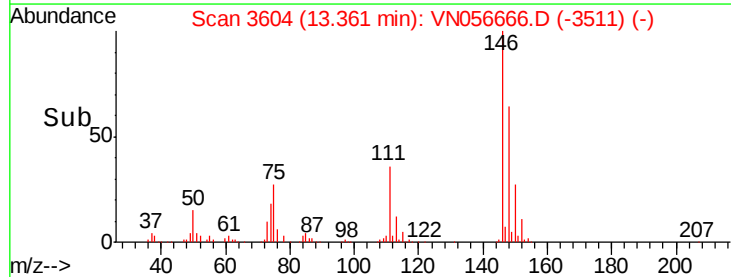
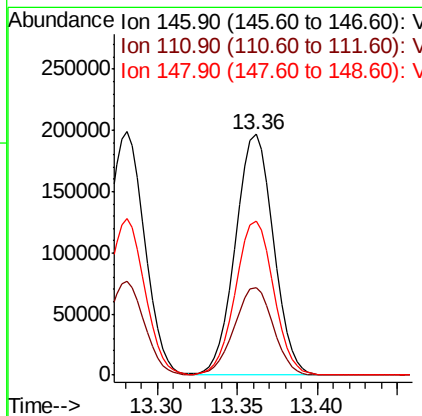
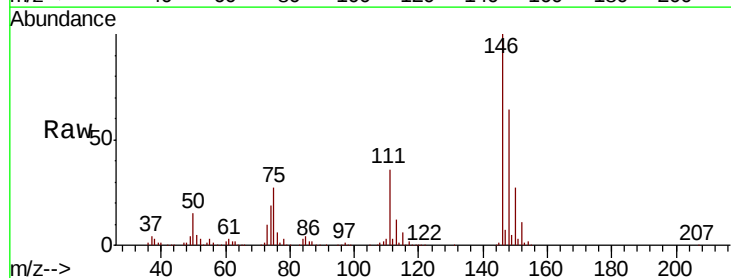
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

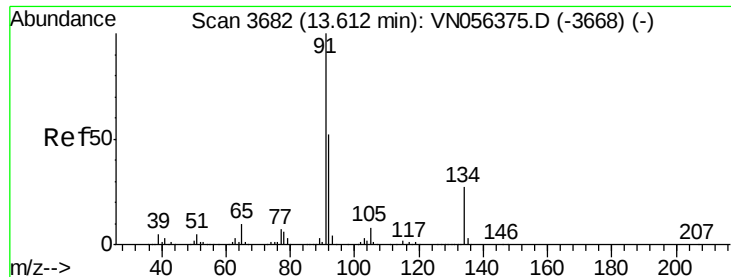
Tot Ion:146 Resp: 326746
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.9
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.883 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion:146 Resp: 317894
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.4 55.4
 148 64.4 32.4 97.0

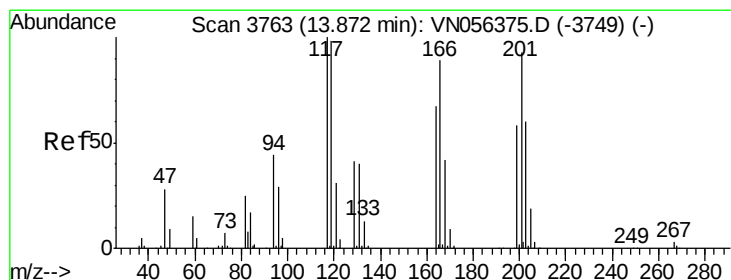
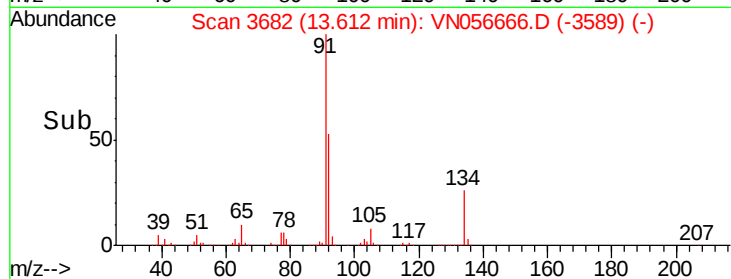
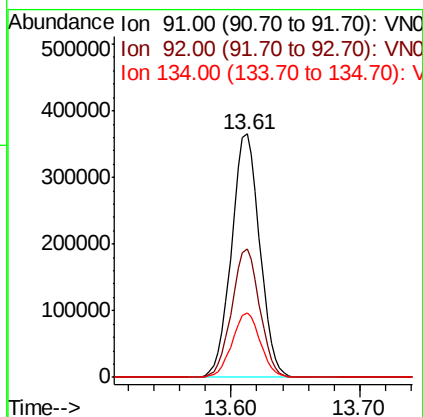
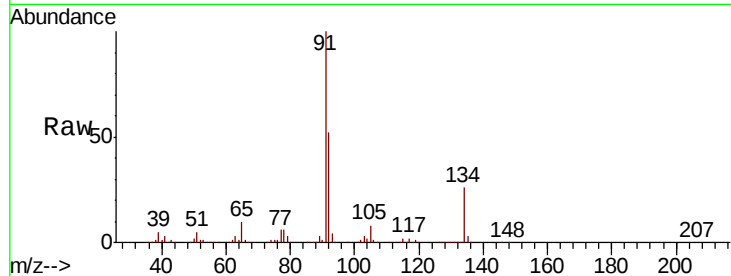




#89
n-Butylbenzene
Concen: 52.470 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

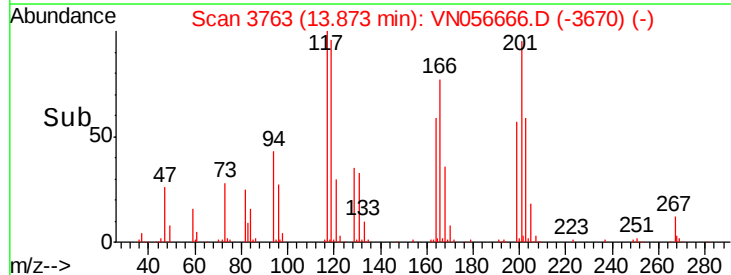
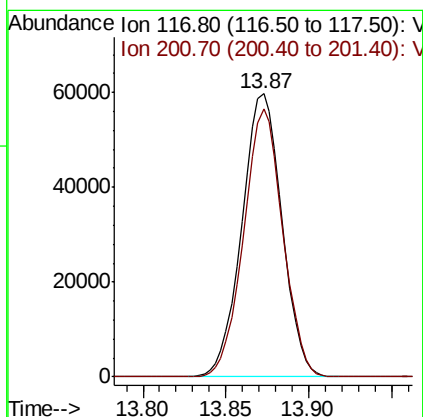
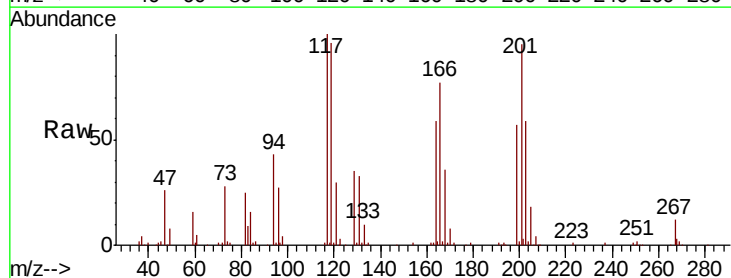
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

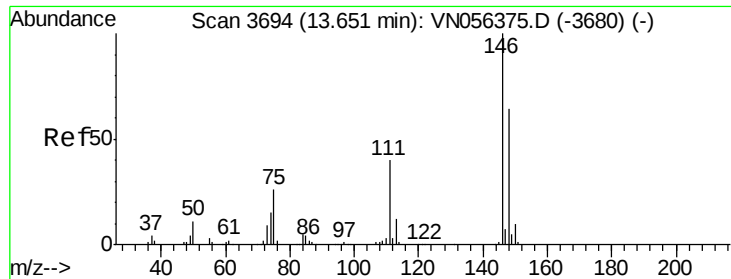
Tot Ion: 91 Resp: 555075
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 26.4 13.4 40.2



#90
Hexachloroethane
Concen: 46.061 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 117 Resp: 100351
Ion Ratio Lower Upper
117 100
201 92.1 45.9 137.6

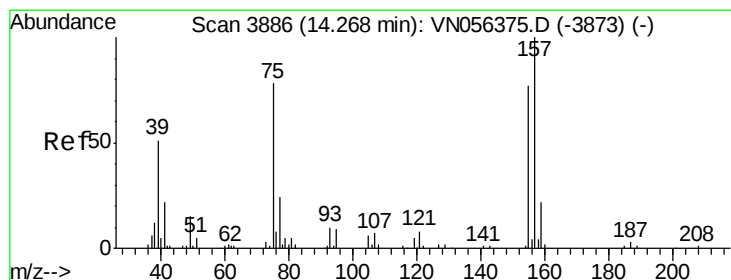
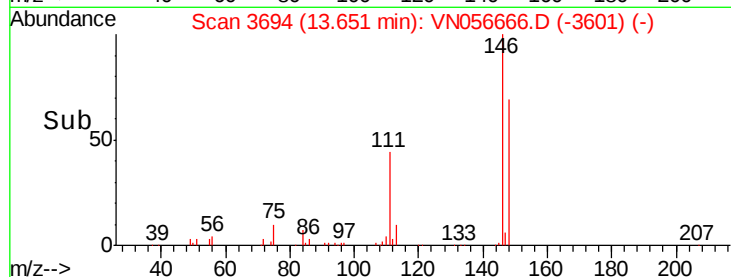
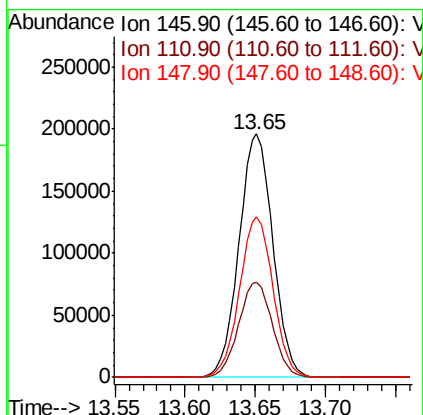
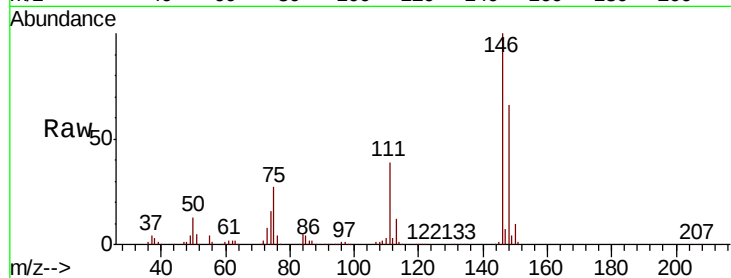




#91
 1,2-Dichlorobenzene
 Concen: 48.595 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

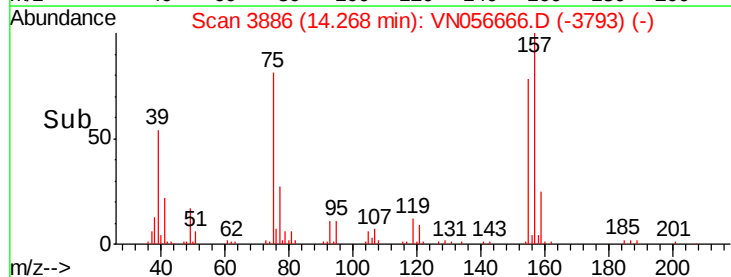
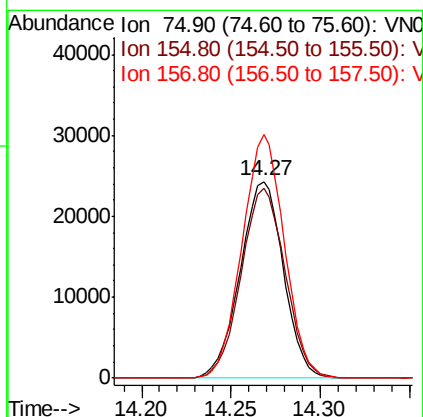
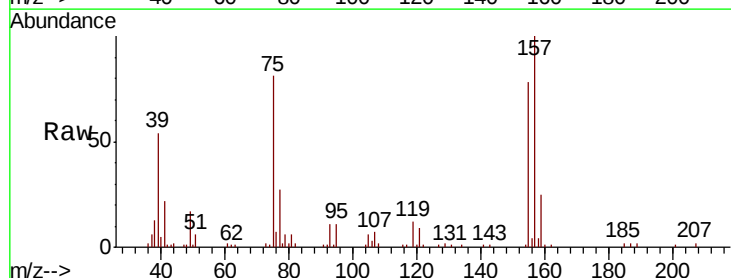
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

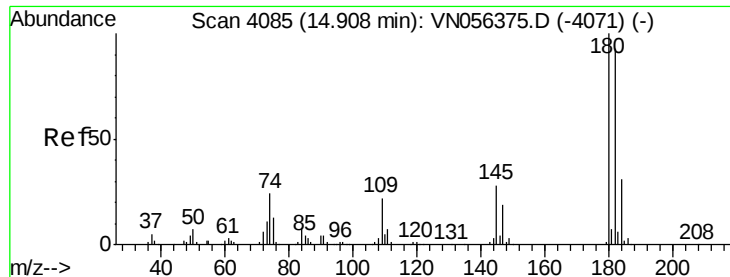
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.9
148	65.0	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.035 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.0	48.9	146.8
157	121.1	62.9	188.8

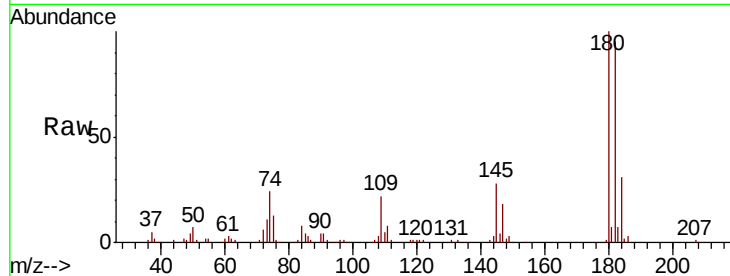




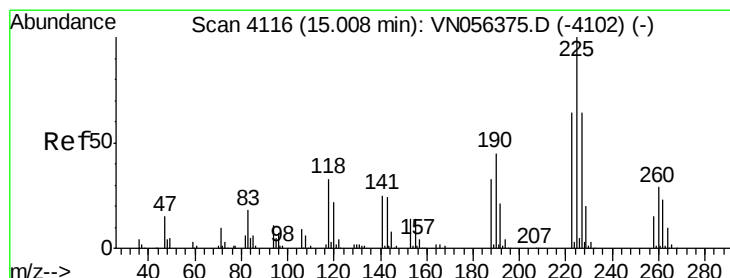
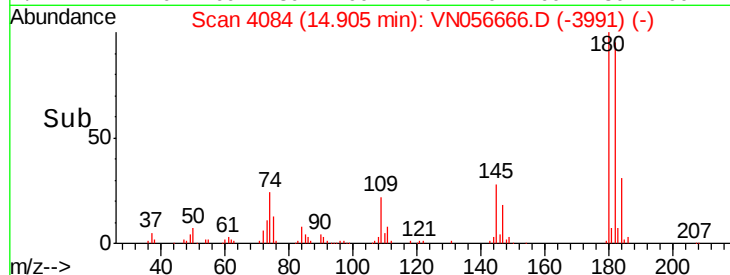
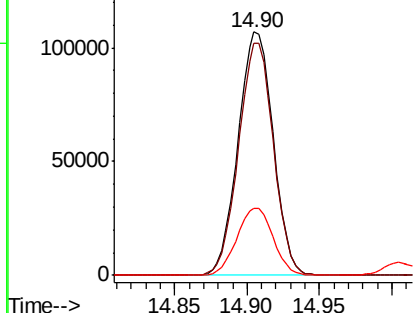
#93
 1,2,4-Trichlorobenzene
 Concen: 50.757 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 180114
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.9 140.6
 145 28.5 14.4 43.0

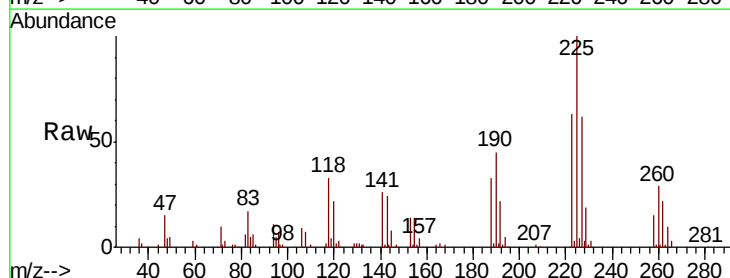


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

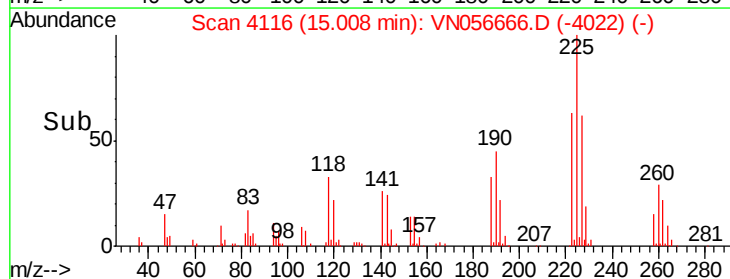
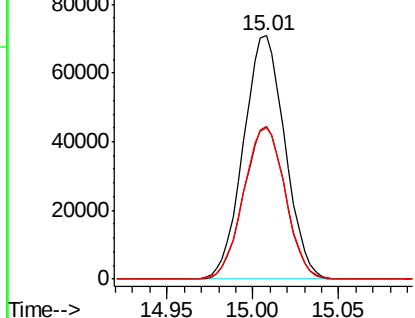


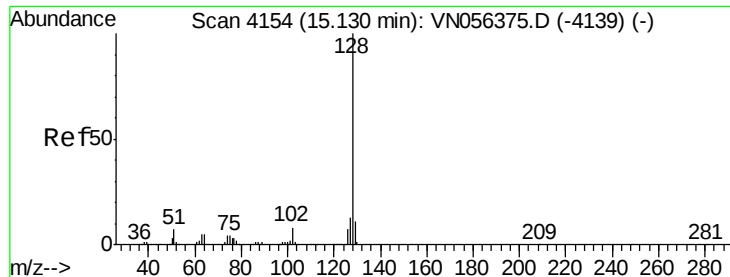
#94
 Hexachlorobutadiene
 Concen: 51.431 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion:225 Resp: 118417
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.4 94.3
 227 62.8 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: 50.166 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

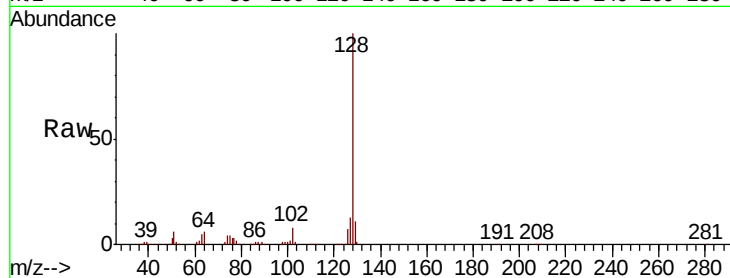
Tot Ion:128 Resp: 464541

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

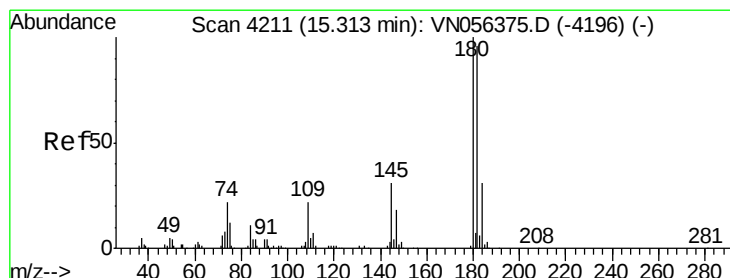
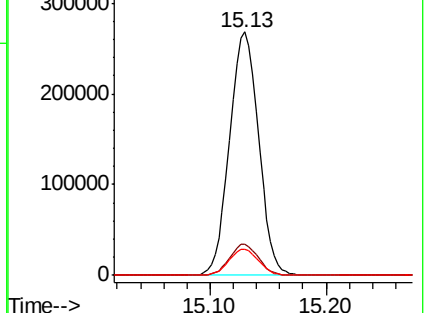
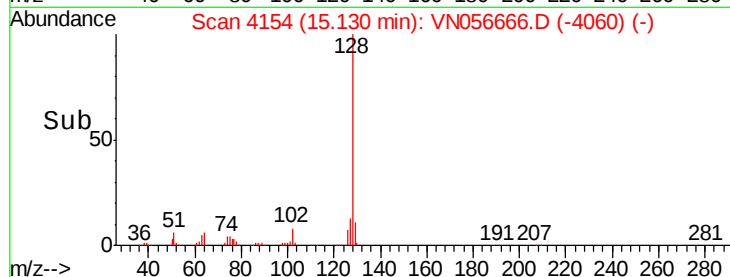
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.534 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

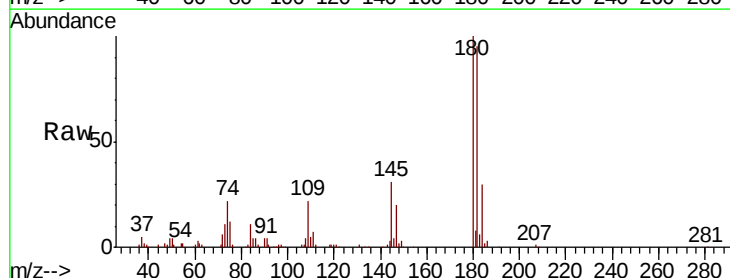
Tgt Ion:180 Resp: 181619

Ion Ratio Lower Upper

180 100

182 94.0 48.3 144.8

145 30.4 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

