

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062257.D
 Acq On : 30 Jun 2020 22:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 01 03:40:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	212468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	367049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173501	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	158724	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
35) Dibromofluoromethane	7.55	113	124187	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.06	98	493410	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.38	95	168428	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	108885	45.339	ug/l	99
3) Chloromethane	2.03	50	145082	51.350	ug/l	98
4) Vinyl Chloride	2.16	62	174424	46.119	ug/l	97
5) Bromomethane	2.52	94	102359	41.877	ug/l	98
6) Chloroethane	2.66	64	123914	47.963	ug/l	99
7) Trichlorofluoromethane	2.98	101	213269	45.764	ug/l	99
8) Diethyl Ether	3.37	74	85855	52.760	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	117210	48.029	ug/l	97
10) Methyl Iodide	3.91	142	126325	45.963	ug/l	100
11) Tert butyl alcohol	4.73	59	115012	268.659	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	119429	48.953	ug/l	94
13) Acrolein	3.56	56	113993	271.974	ug/l	99
14) Allyl chloride	4.27	41	175837	52.938	ug/l	99
15) Acrylonitrile	4.93	53	333473	285.855	ug/l	100
16) Acetone	3.77	43	259210	277.409	ug/l	99
17) Carbon Disulfide	4.00	76	334844	47.920	ug/l	99
18) Methyl Acetate	4.28	43	137106	57.845	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	424490	54.452	ug/l	96
20) Methylene Chloride	4.50	84	149010	54.460	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	137259	49.387	ug/l	95
22) Diisopropyl ether	5.90	45	421102	55.680	ug/l	97
23) Vinyl Acetate	5.84	43	1752422	283.810	ug/l	98
24) 1,1-Dichloroethane	5.80	63	256661	52.702	ug/l	99
25) 2-Butanone	6.79	43	413850	283.967	ug/l	97
26) 2,2-Dichloropropane	6.77	77	186592	45.978	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	159746	51.080	ug/l	99
28) Bromochloromethane	7.15	49	108477	51.338	ug/l	95
29) Tetrahydrofuran	7.17	42	278411	291.634	ug/l	99
30) Chloroform	7.33	83	256069	51.680	ug/l	99
31) Cyclohexane	7.61	56	208167	50.533	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	211375	50.585	ug/l	98
36) 1,1-Dichloropropene	7.75	75	188705	47.796	ug/l	98
37) Ethyl Acetate	6.88	43	178304	54.539	ug/l	98
38) Carbon Tetrachloride	7.73	117	174377	46.848	ug/l	99

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Quant Time: Jul 01 03:40:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	212421	49.104	ug/l	98
40) Benzene	8.00	78	596093	49.535	ug/l	99
41) Methacrylonitrile	7.16	41	256934	169.521	ug/l #	35
42) 1,2-Dichloroethane	8.09	62	203397	50.027	ug/l	99
43) Isopropyl Acetate	8.13	43	290927	54.589	ug/l #	91
44) Trichloroethene	8.80	130	138007	45.464	ug/l	96
45) 1,2-Dichloropropane	9.09	63	156479	52.708	ug/l	98
46) Dibromomethane	9.18	93	101977	50.663	ug/l	95
47) Bromodichloromethane	9.37	83	207902	51.154	ug/l	99
48) Methyl methacrylate	9.17	41	133411	55.830	ug/l	95
49) 1,4-Dioxane	9.17	88	55755	1052.147	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	906393	291.093	ug/l	99
52) Toluene	10.12	92	370673	50.484	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	223027	49.879	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	246269	51.732	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	151066	52.340	ug/l	100
56) Ethyl methacrylate	10.40	69	216987	56.334	ug/l	98
57) 1,3-Dichloropropane	10.68	76	255757	51.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	410744	250.436	ug/l	96
59) 2-Hexanone	10.72	43	658439	292.843	ug/l	100
60) Dibromochloromethane	10.87	129	153594	50.265	ug/l	98
61) 1,2-Dibromoethane	10.98	107	148731	50.151	ug/l	100
64) Tetrachloroethene	10.60	164	108915	43.439	ug/l	96
65) Chlorobenzene	11.41	112	382529	47.457	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	136499	48.973	ug/l	99
67) Ethyl Benzene	11.48	91	700689	51.472	ug/l	97
68) m/p-Xylenes	11.59	106	530021	100.663	ug/l	97
69) o-Xylene	11.92	106	254226	51.174	ug/l	97
70) Styrene	11.94	104	431630	52.097	ug/l	98
71) Bromoform	12.10	173	99289	50.103	ug/l #	98
73) Isopropylbenzene	12.22	105	671123	49.971	ug/l	99
74) N-amyl acetate	12.05	43	253263	51.145	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	227370	50.874	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	279626	68.463	ug/l #	100
77) Bromobenzene	12.50	156	152297	45.676	ug/l	90
78) n-propylbenzene	12.57	91	791014	51.490	ug/l	99
79) 2-Chlorotoluene	12.65	91	460935	49.631	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	566915	52.071	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	69708	49.842	ug/l	96
82) 4-Chlorotoluene	12.75	91	481354	50.120	ug/l	97
83) tert-Butylbenzene	12.97	119	459189	49.283	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	562939	51.771	ug/l	99
85) sec-Butylbenzene	13.15	105	646238	52.489	ug/l	100
86) p-Isopropyltoluene	13.26	119	573641	53.181	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	281194	48.026	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	278441	46.134	ug/l	99
89) n-Butylbenzene	13.59	91	482426	53.795	ug/l	99
90) Hexachloroethane	13.85	117	107076	50.595	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	277201	48.823	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	38449	53.703	ug/l	95

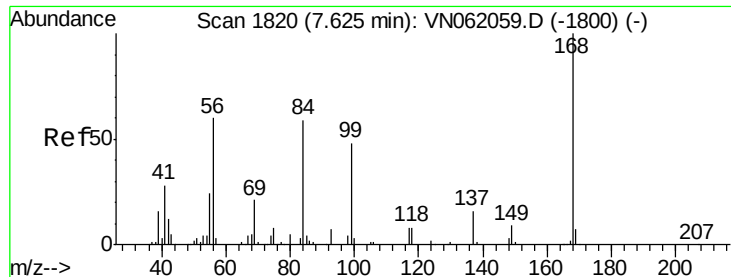
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	122845	49.528	ug/l	99
94) Hexachlorobutadiene	14.99	225	51956	48.229	ug/l	96
95) Naphthalene	15.10	128	367984	44.936	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	123842	48.831	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

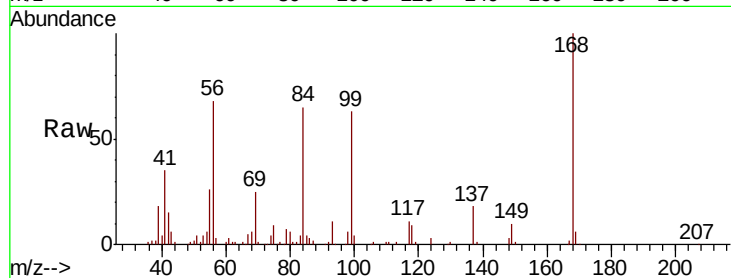
VSTDCCC050

Tot Ion:168 Resp: 212468

Ion Ratio Lower Upper

168 100

99 62.4 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

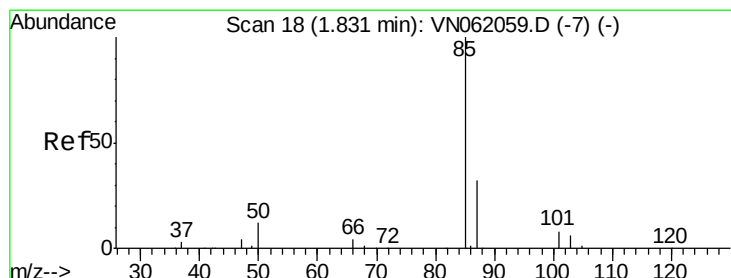
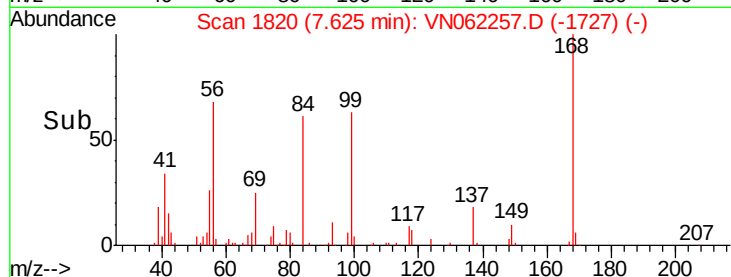
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.339 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062257.D

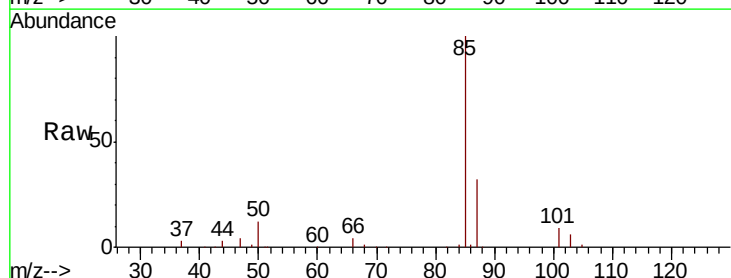
Acq: 30 Jun 2020 22:40

Tgt Ion: 85 Resp: 108885

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

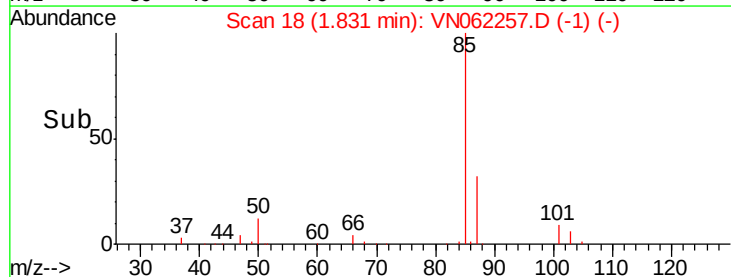
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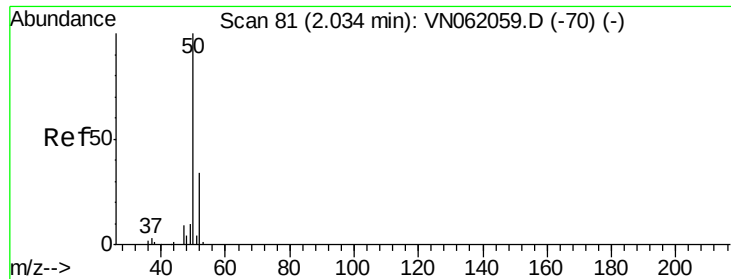
40000

20000

0

Time-->





#3

Chloromethane

Concen: 51.350 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

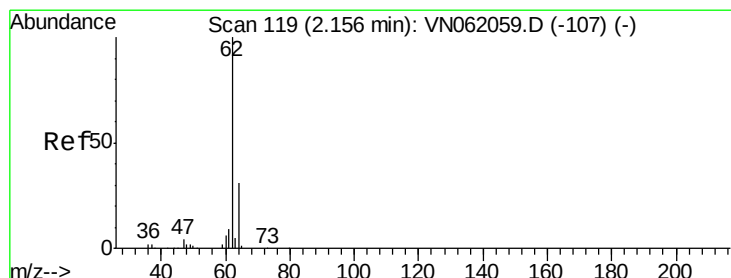
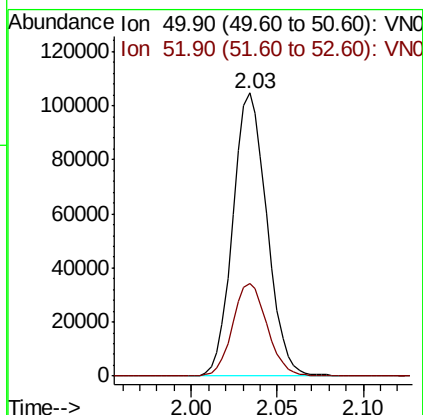
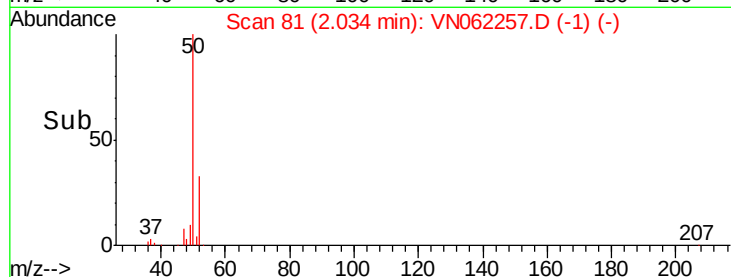
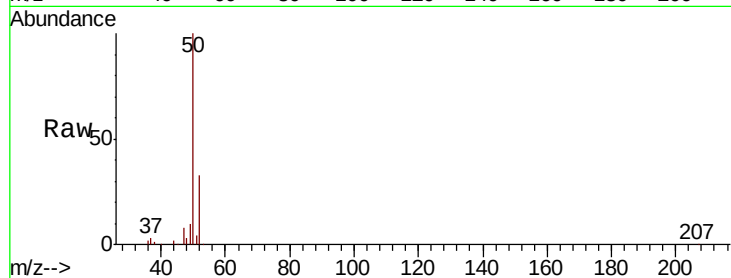
VSTDCCC050

Tot Ion: 50 Resp: 145082

Ion Ratio Lower Upper

50 100

52 32.8 27.0 40.6



#4

Vinyl Chloride

Concen: 46.119 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062257.D

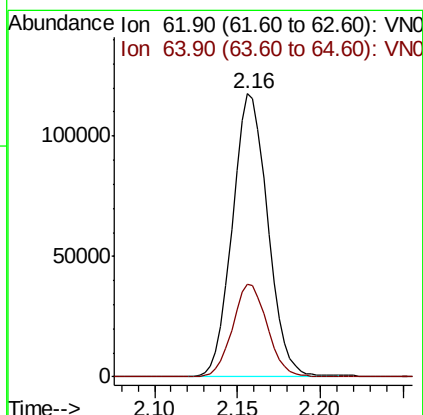
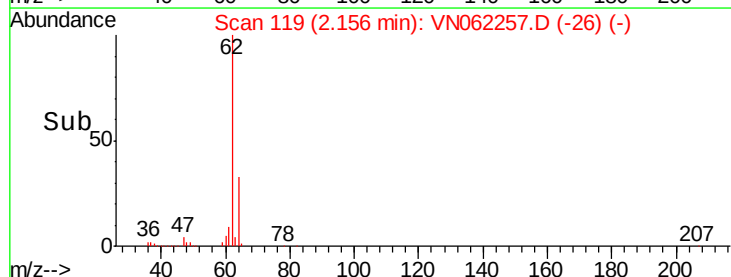
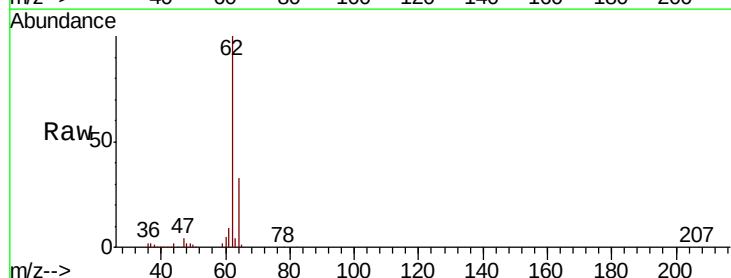
Acq: 30 Jun 2020 22:40

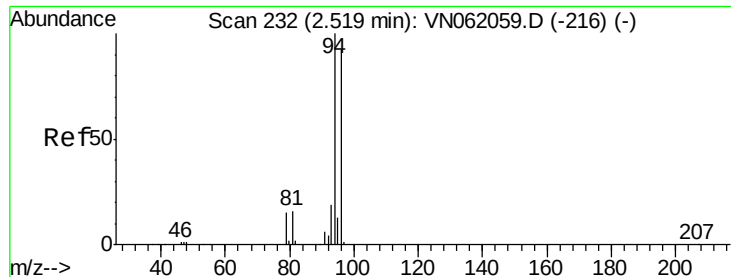
Tgt Ion: 62 Resp: 174424

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 41.877 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

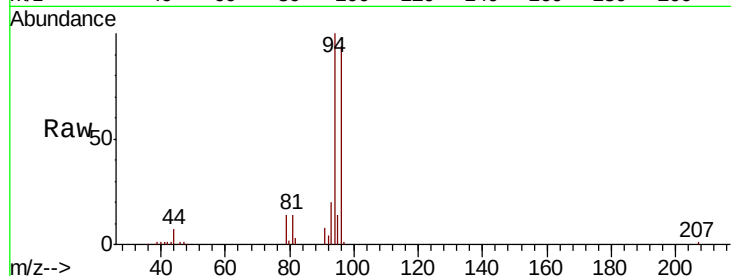
VSTDCCC050

Tot Ion: 94 Resp: 102359

Ion Ratio Lower Upper

94 100

96 93.6 73.4 110.2

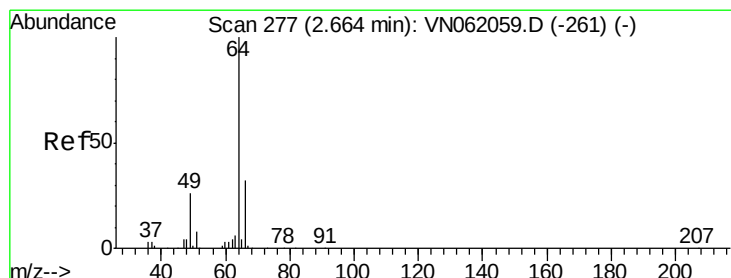
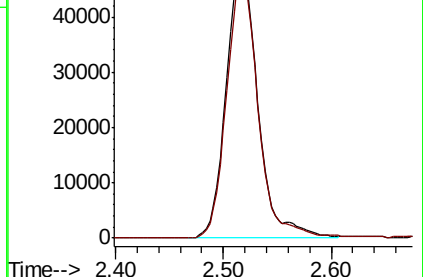
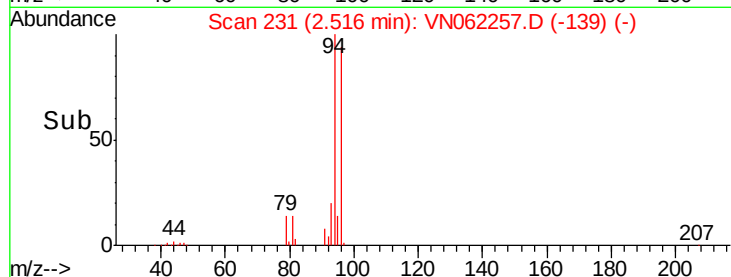


Abundance Ion 93.90 (93.60 to 94.60): VN062257.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062257.D (-139) (-)

2.52

Time-->



#6

Chloroethane

Concen: 47.963 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062257.D

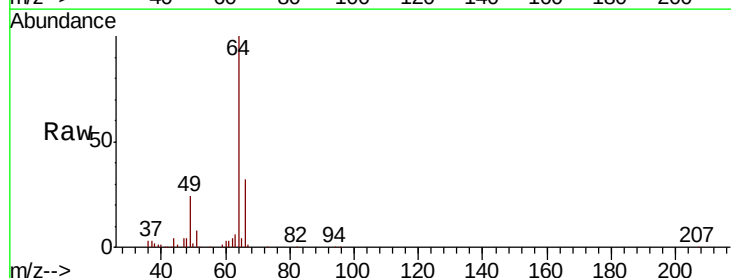
Acq: 30 Jun 2020 22:40

Tgt Ion: 64 Resp: 123914

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.6

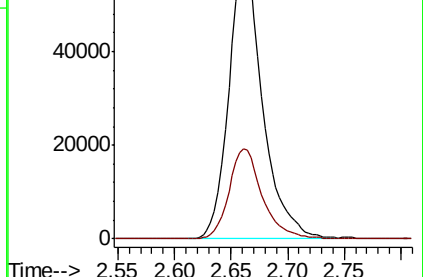
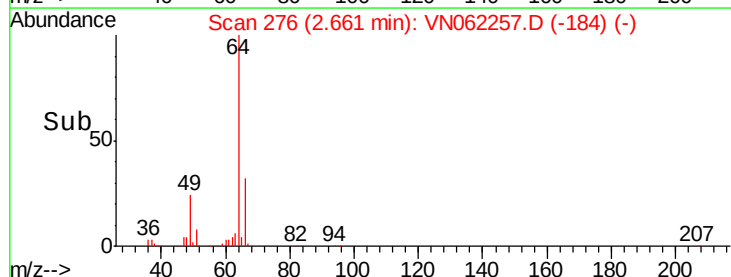


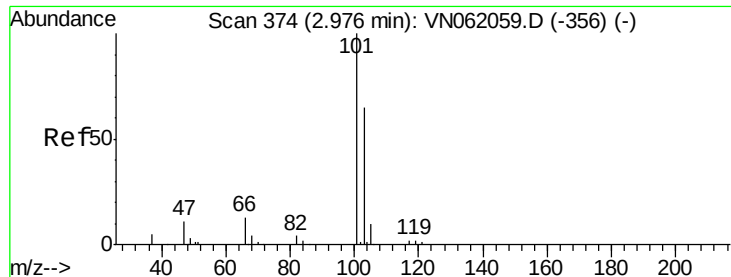
Abundance Ion 63.90 (63.60 to 64.60): VN062257.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062257.D (-184) (-)

2.66

Time-->



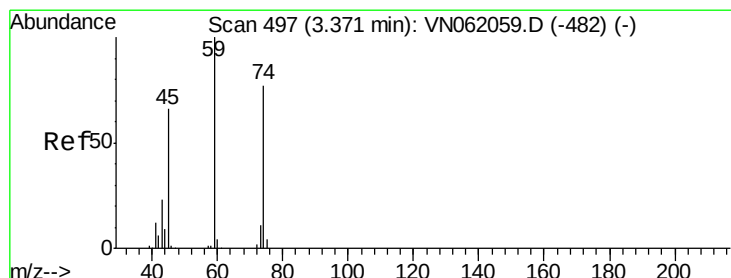
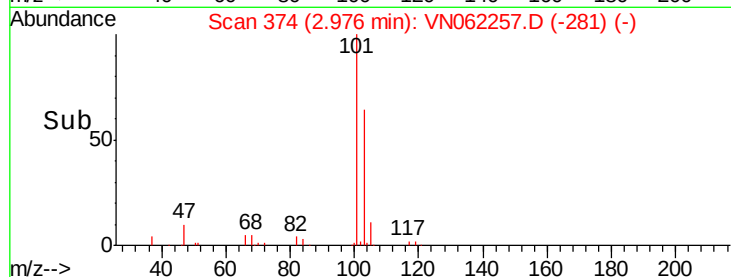
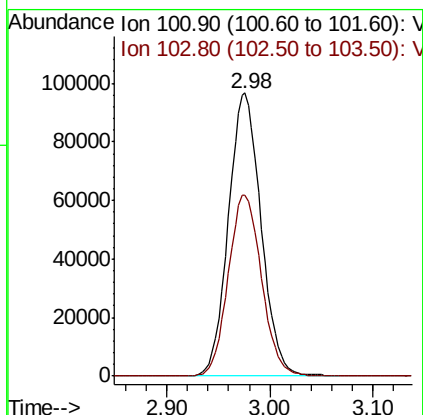
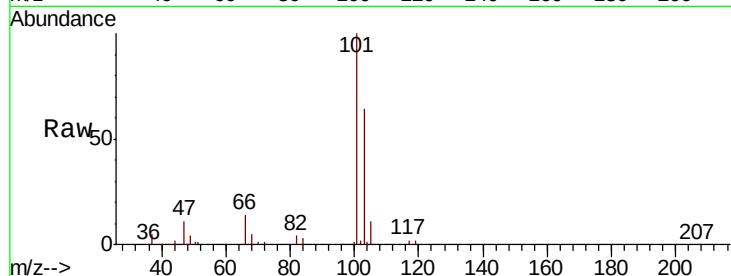


#7

Trichlorofluoromethane
 Concen: 45.764 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Instrument :
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 VSTDCCC050

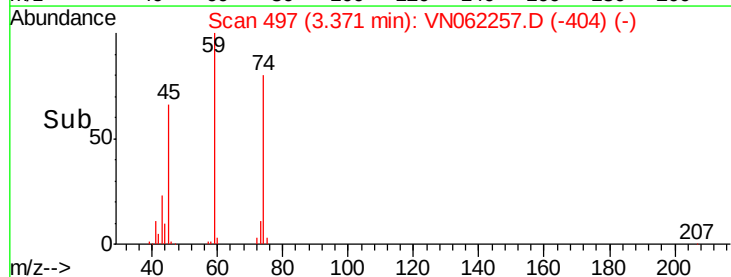
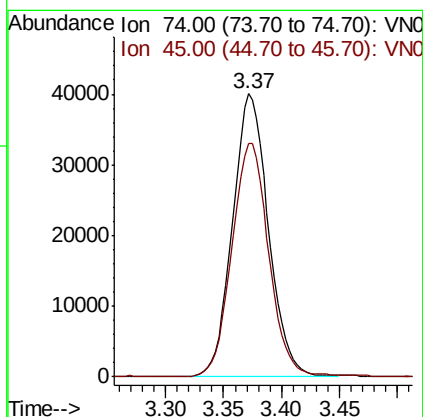
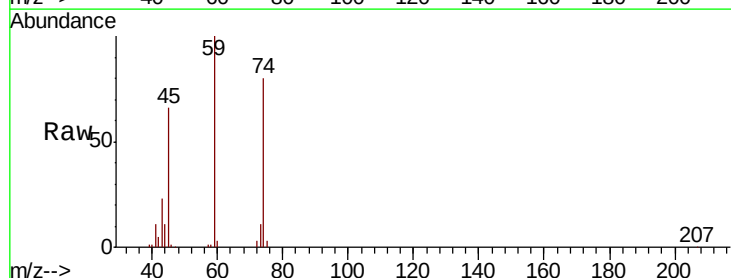
Tot Ion:101 Resp: 213269
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.8 77.6

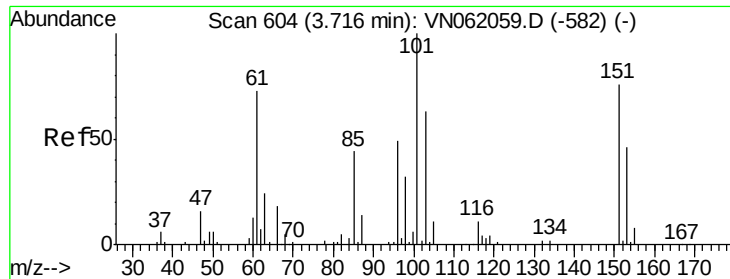


#8

Diethyl Ether
 Concen: 52.760 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Tgt Ion: 74 Resp: 85855
 Ion Ratio Lower Upper
 74 100
 45 85.1 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.029 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

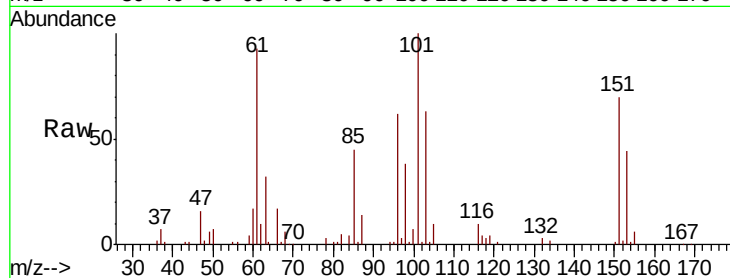
Tot Ion:101 Resp: 117210

Ion Ratio Lower Upper

101 100

85 45.0 34.5 51.7

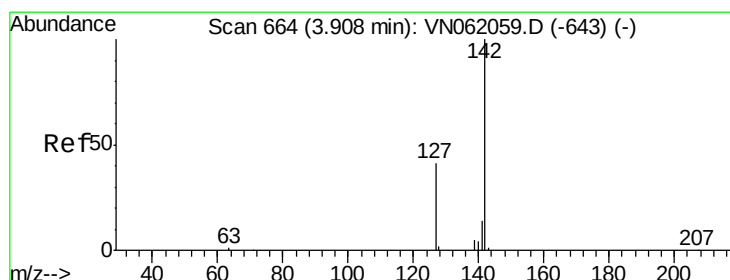
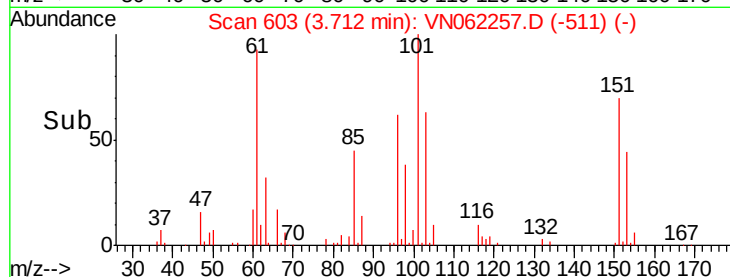
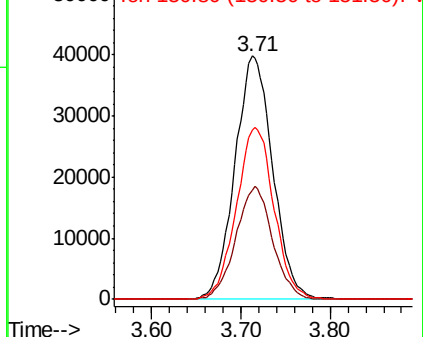
151 70.1 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.963 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

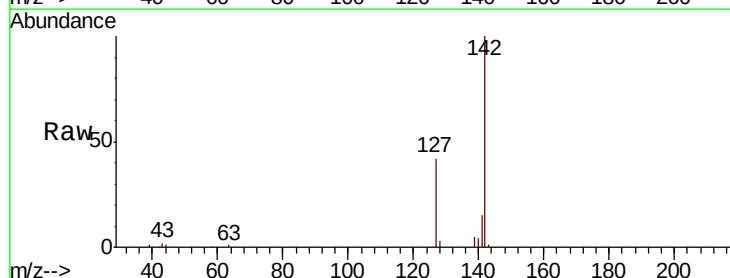
Tgt Ion:142 Resp: 126325

Ion Ratio Lower Upper

142 100

127 42.1 33.6 50.4

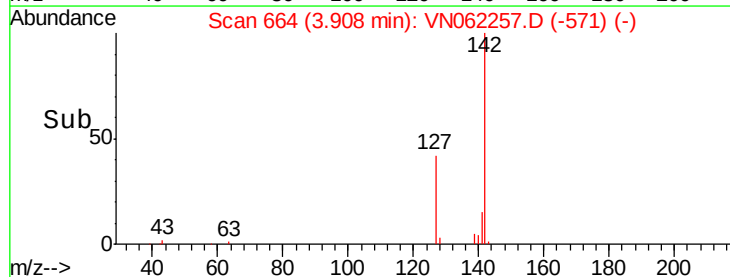
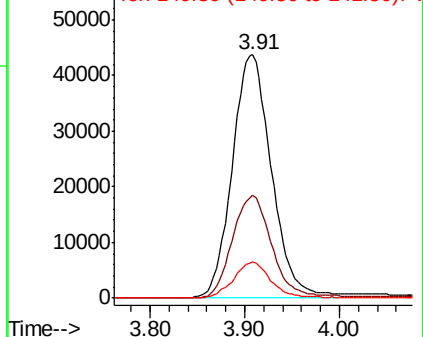
141 14.2 11.3 16.9

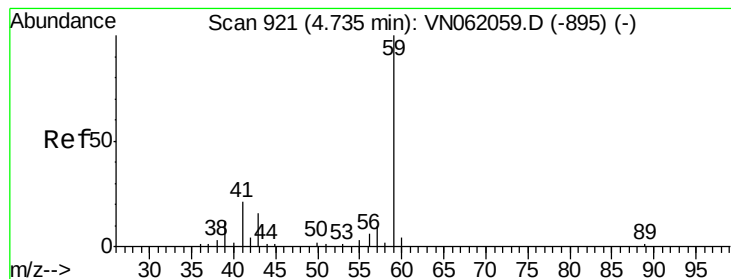


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



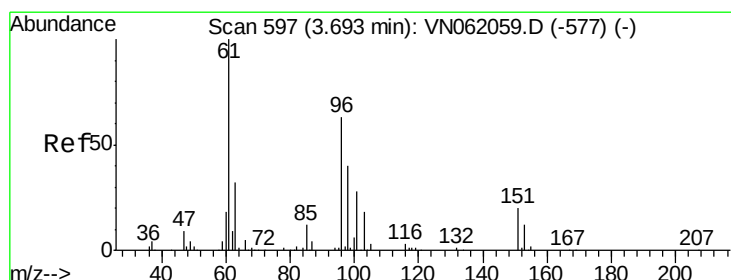
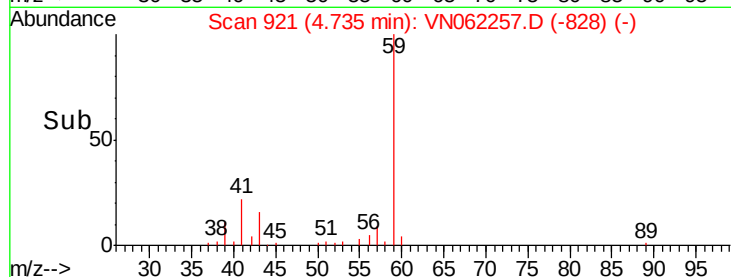
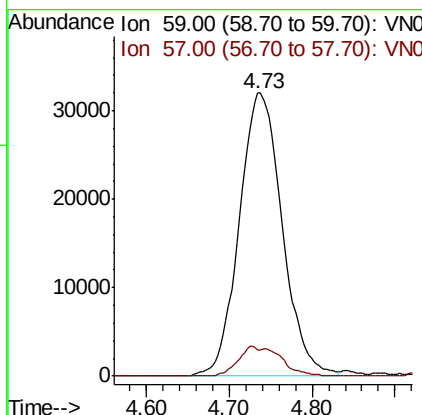
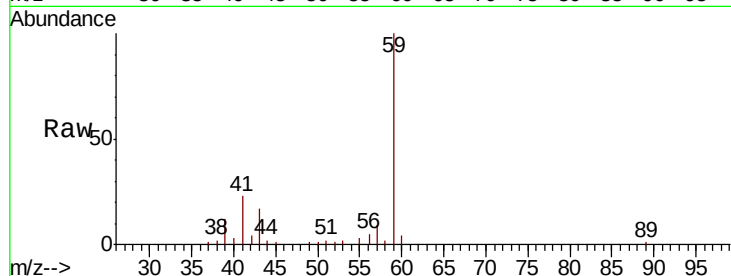


#11

Tert butyl alcohol
 Concen: 268.659 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

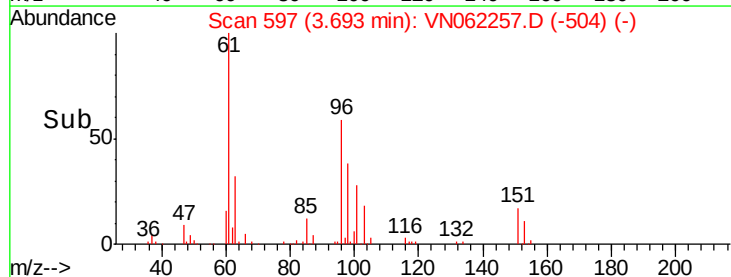
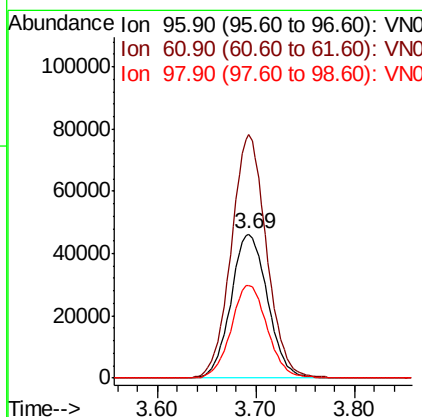
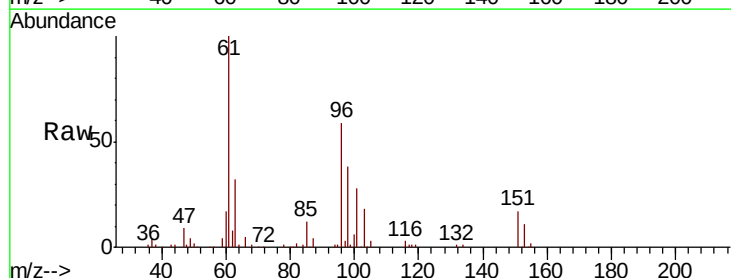
Tot Ion: 59 Resp: 115012
 Ion Ratio Lower Upper
 59 100
 57 5.4 8.3 12.5#

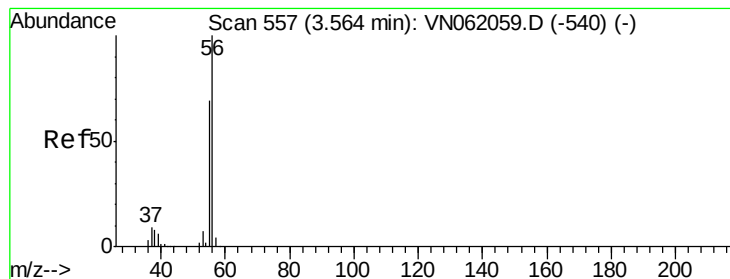


#12

1,1-Dichloroethene
 Concen: 48.953 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Tgt Ion: 96 Resp: 119429
 Ion Ratio Lower Upper
 96 100
 61 168.9 126.7 190.1
 98 64.6 51.0 76.4





#13

Acrolein

Concen: 271.974 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

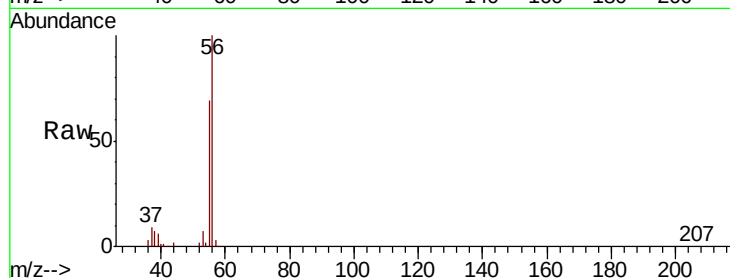
VSTDCCC050

Tot Ion: 56 Resp: 113993

Ion Ratio Lower Upper

56 100

55 68.8 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062059.D (-540) (-)

3.56

50000

40000

30000

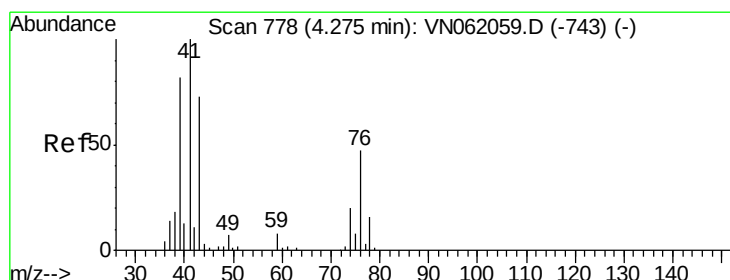
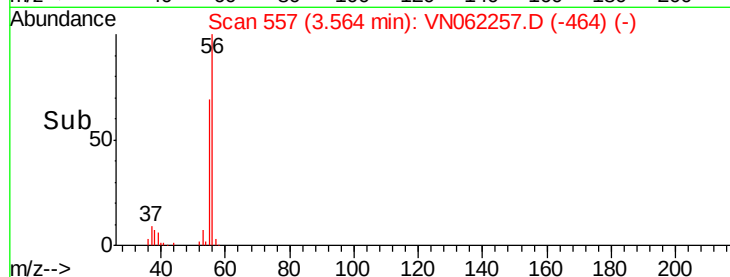
20000

10000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 52.938 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

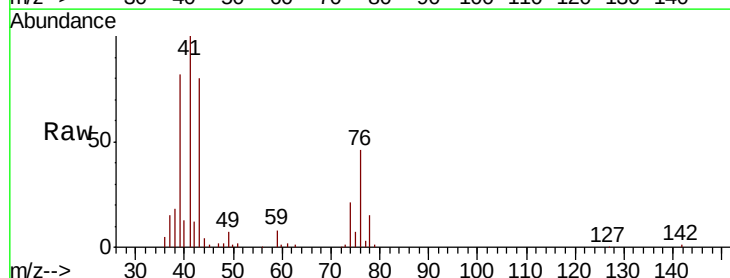
Tgt Ion: 41 Resp: 175837

Ion Ratio Lower Upper

41 100

39 75.6 60.0 90.0

76 41.9 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-743) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-743) (-)

Ion 75.90 (75.60 to 76.60): VN062059.D (-743) (-)

4.27

60000

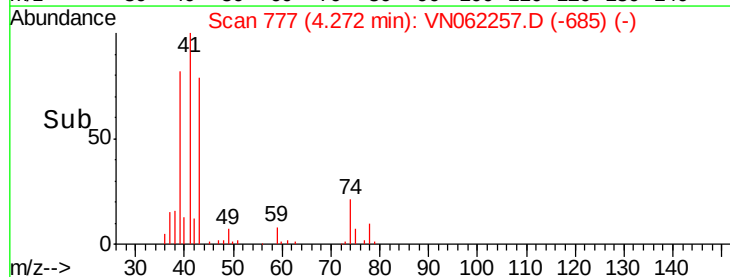
40000

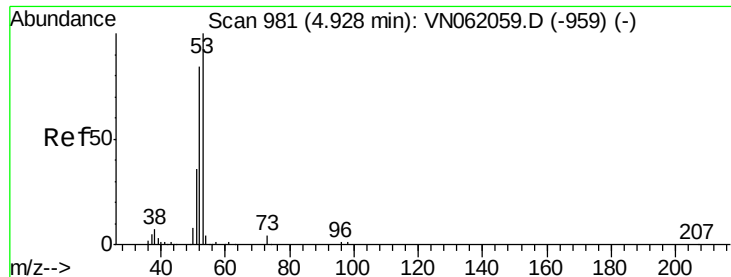
20000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 285.855 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

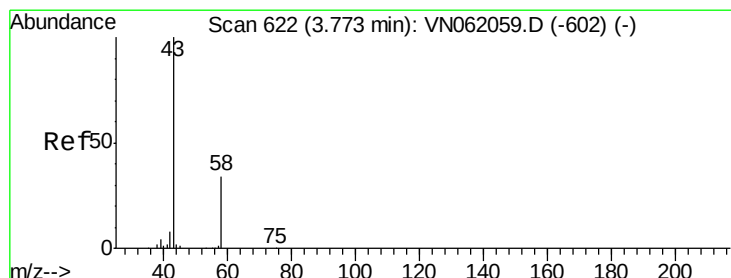
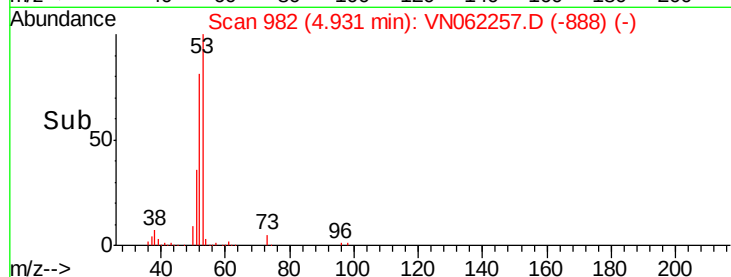
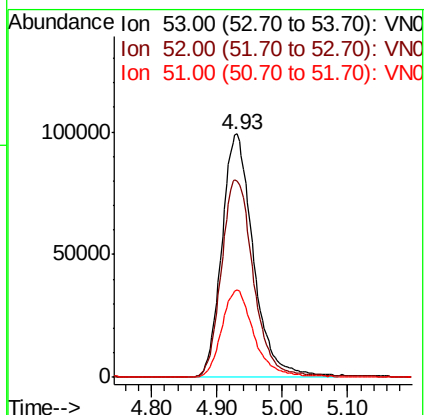
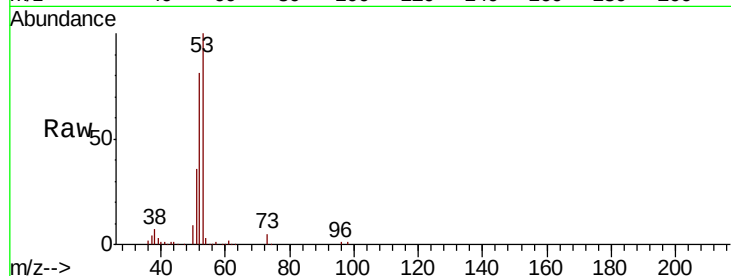
Tot Ion: 53 Resp: 333473

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.4

51 36.6 28.9 43.3



#16

Acetone

Concen: 277.409 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062257.D

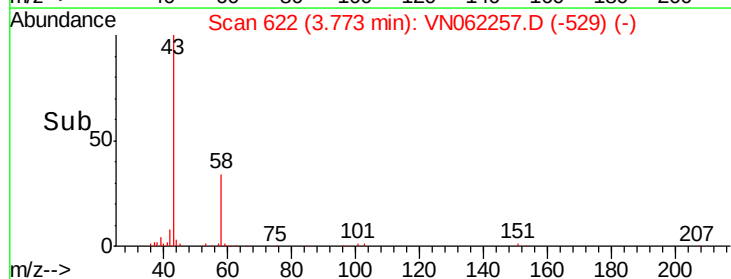
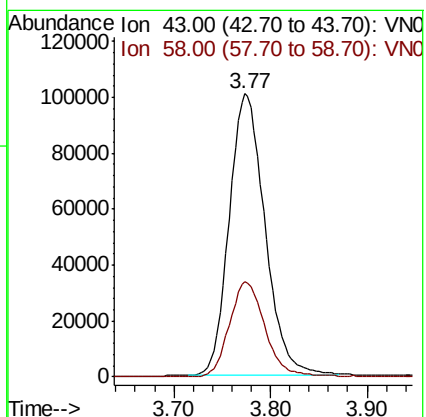
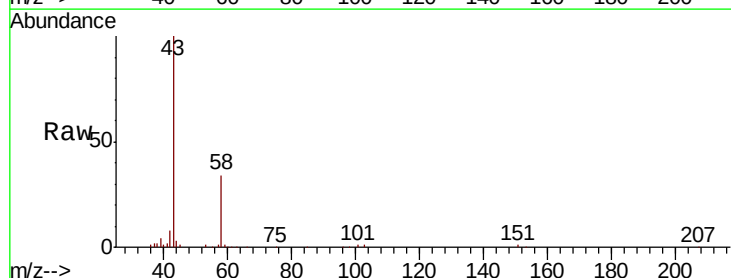
Acq: 30 Jun 2020 22:40

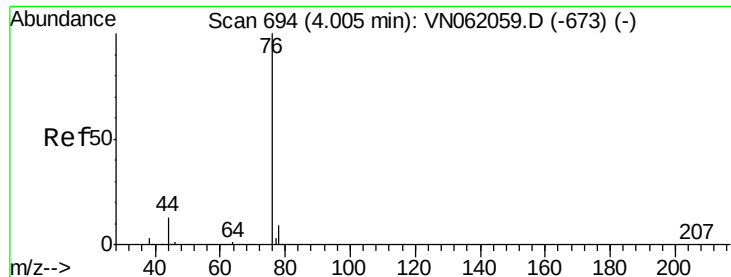
Tgt Ion: 43 Resp: 259210

Ion Ratio Lower Upper

43 100

58 33.9 27.5 41.3





#17

Carbon Disulfide

Concen: 47.920 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

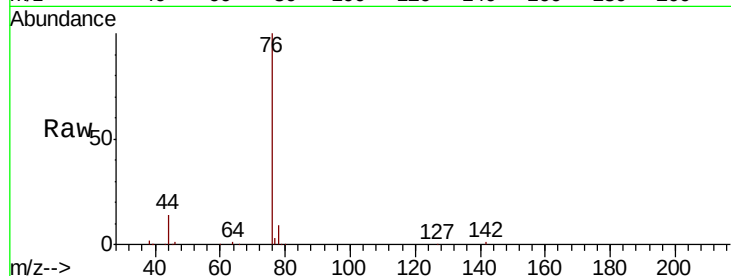
VSTDCCC050

Tot Ion: 76 Resp: 334844

Ion Ratio Lower Upper

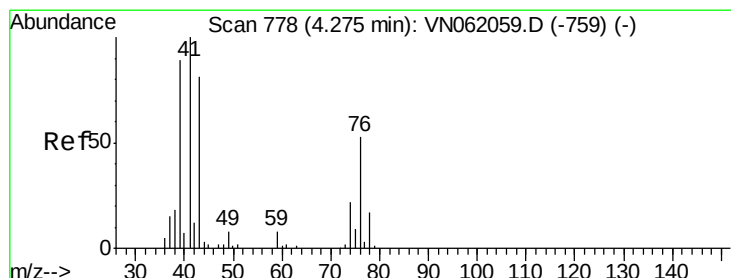
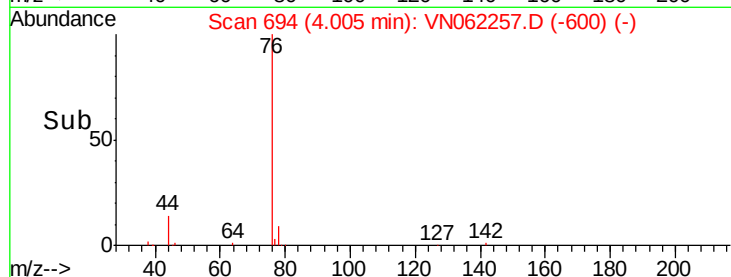
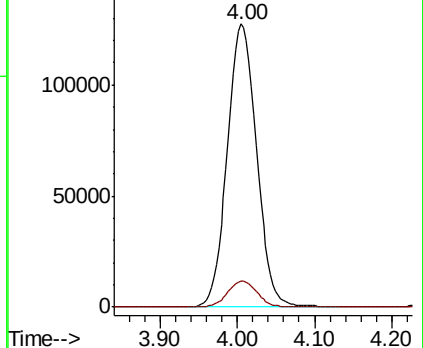
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062257.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062257.D (-600) (-)



#18

Methyl Acetate

Concen: 57.845 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062257.D

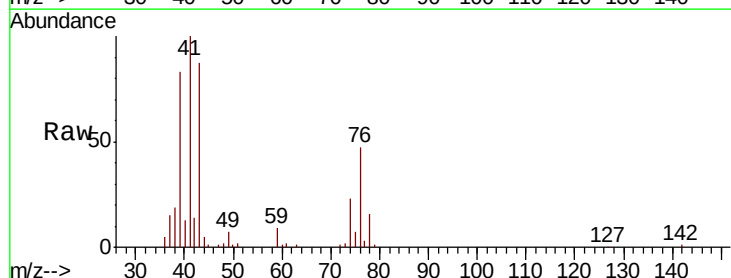
Acq: 30 Jun 2020 22:40

Tgt Ion: 43 Resp: 137106

Ion Ratio Lower Upper

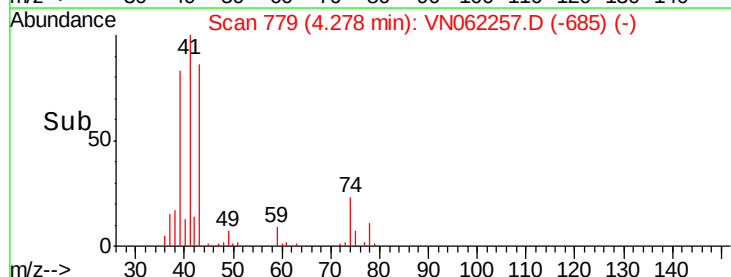
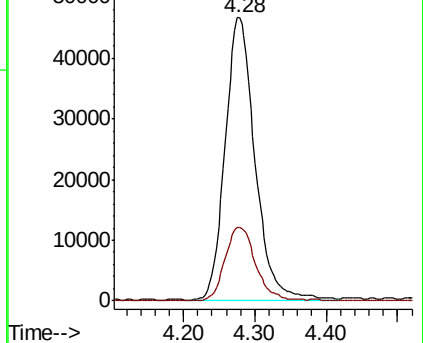
43 100

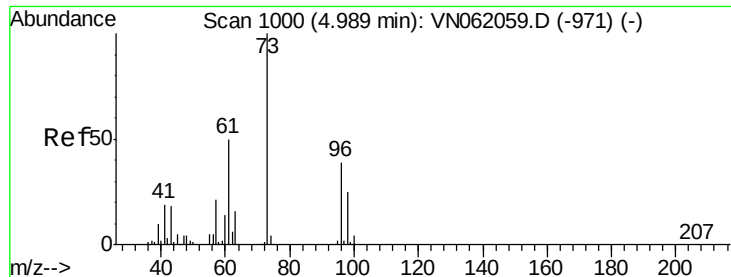
74 26.7 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062257.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062257.D (-685) (-)





#19

Methyl tert-butyl Ether

Concen: 54.452 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

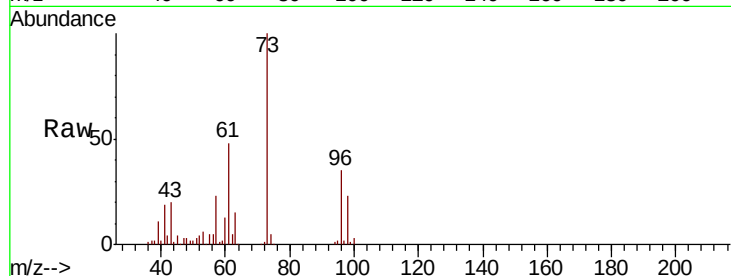
VSTDCCC050

Tot Ion: 73 Resp: 424490

Ion Ratio Lower Upper

73 100

57 22.5 16.6 24.8



Abundance Ion 73.00 (72.70 to 73.70): VN062059.D (-971) (-)

Ion 57.00 (56.70 to 57.70): VN062059.D (-971) (-)

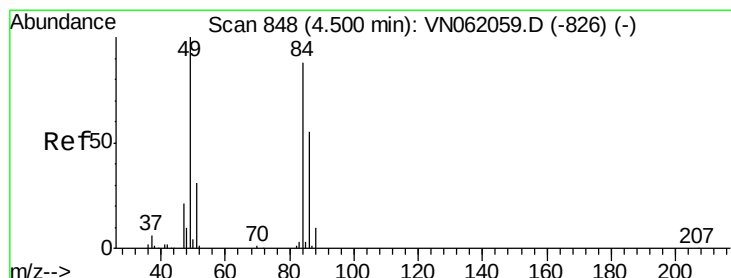
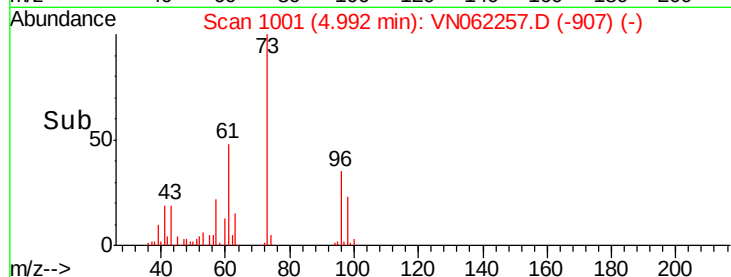
4.99

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 54.460 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Tgt Ion: 84 Resp: 149010

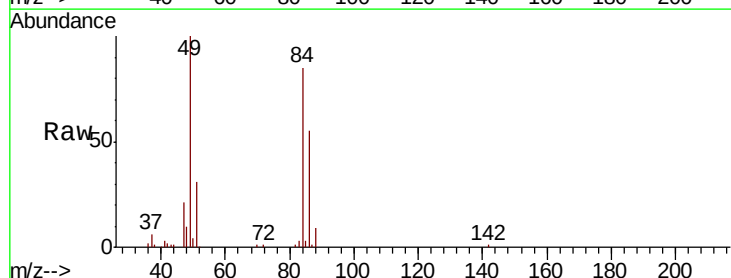
Ion Ratio Lower Upper

84 100

49 118.0 90.6 136.0

51 36.8 27.8 41.8

86 65.3 50.1 75.1



Abundance Ion 83.90 (83.60 to 84.60): VN062059.D (-826) (-)

Ion 48.90 (48.60 to 49.60): VN062059.D (-826) (-)

Ion 50.90 (50.60 to 51.60): VN062059.D (-826) (-)

Ion 85.90 (85.60 to 86.60): VN062059.D (-826) (-)

4.50

80000

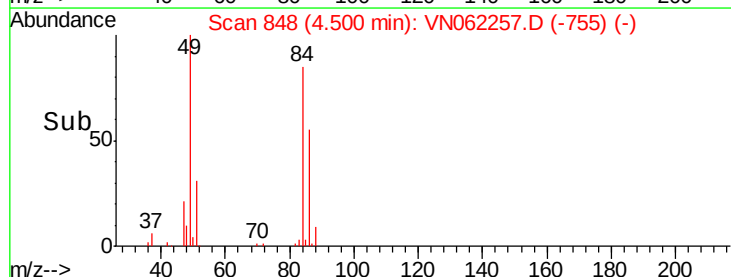
60000

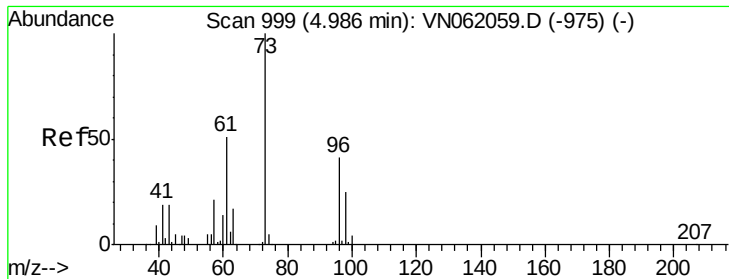
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 49.387 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

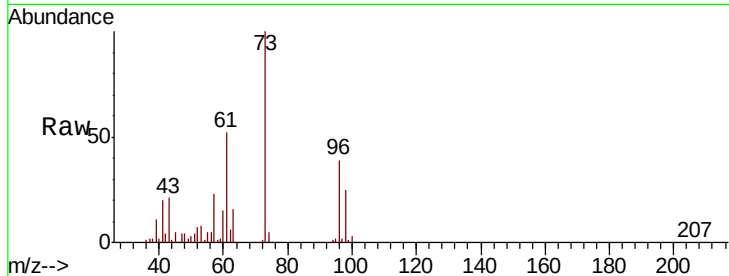
Tot Ion: 96 Resp: 137259

Ion Ratio Lower Upper

96 100

61 133.6 101.4 152.2

98 63.2 49.3 73.9

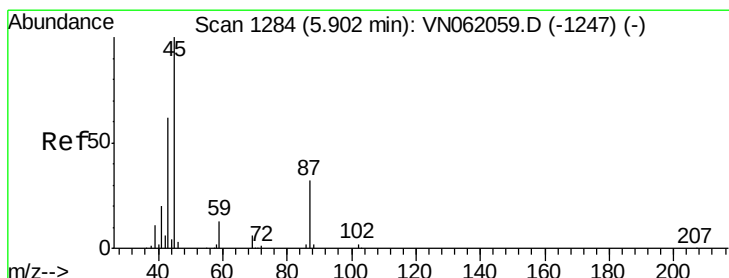
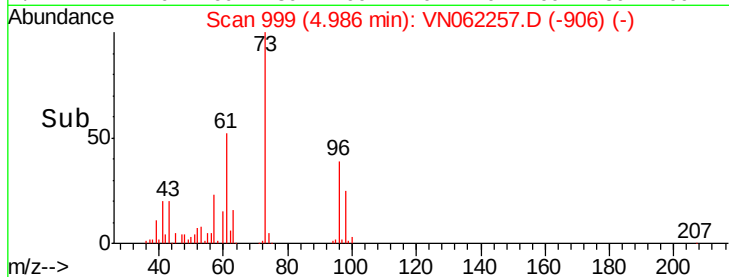
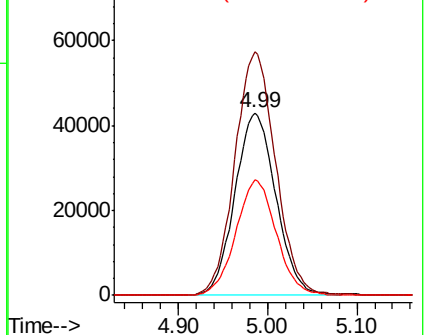


Abundance

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: 55.680 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Tgt Ion: 45 Resp: 421102

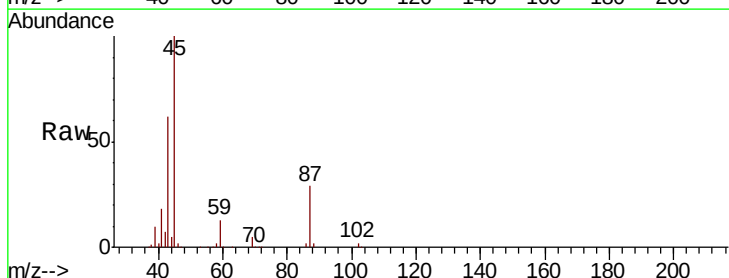
Ion Ratio Lower Upper

45 100

43 60.1 49.7 74.5

87 29.4 25.9 38.9

59 12.5 10.6 16.0



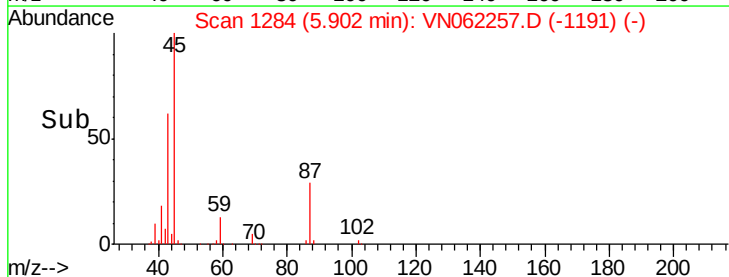
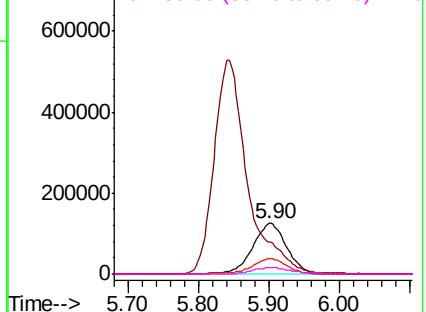
Abundance

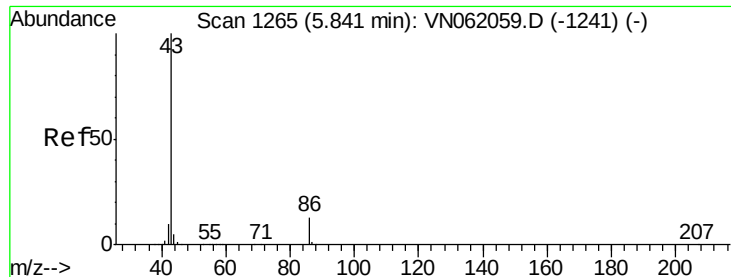
Ion 45.00 (44.70 to 45.70): VN0

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: 283.810 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

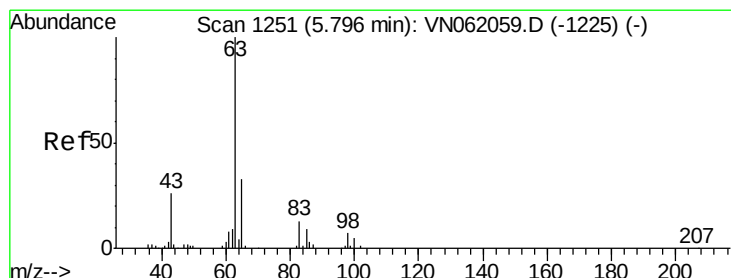
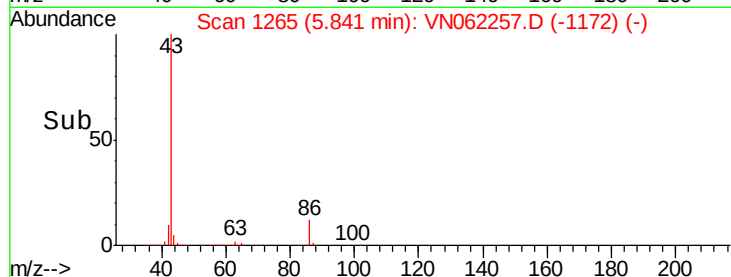
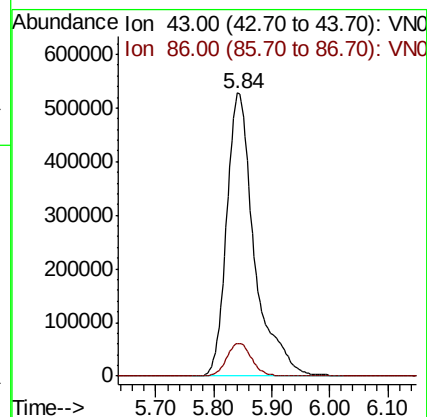
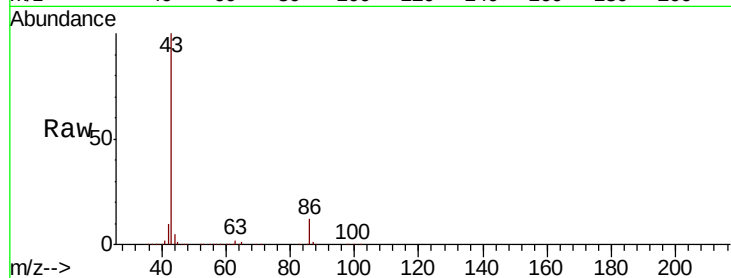
VSTDCCC050

Tot Ion: 43 Resp: 1752422

Ion Ratio Lower Upper

43 100

86 11.6 10.1 15.1



#24

1,1-Dichloroethane

Concen: 52.702 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

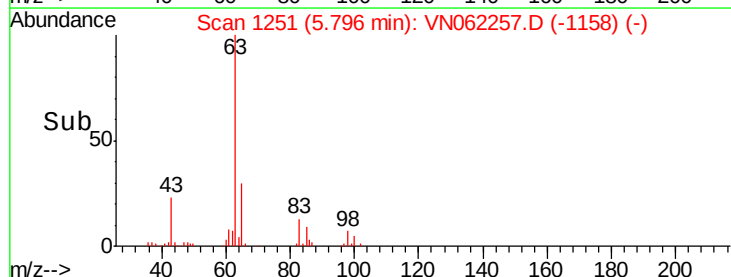
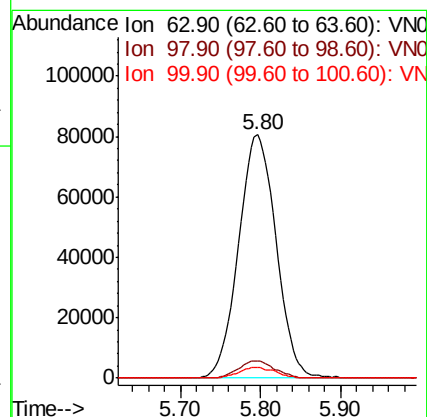
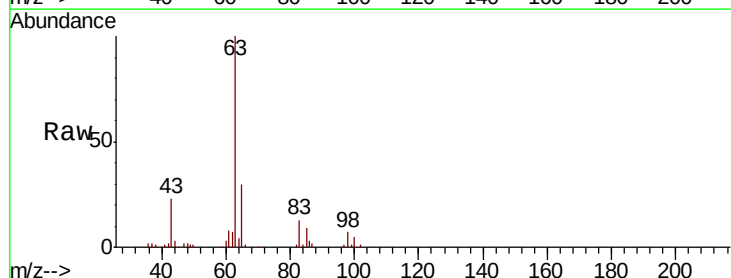
Tgt Ion: 63 Resp: 256661

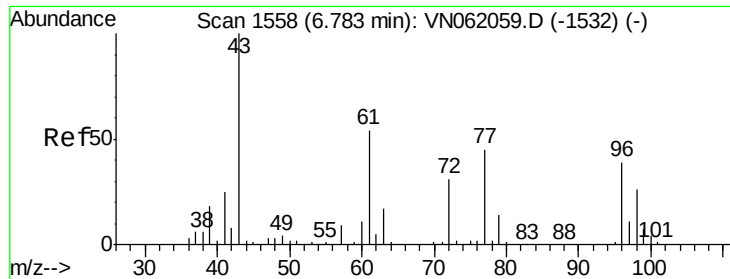
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 283.967 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

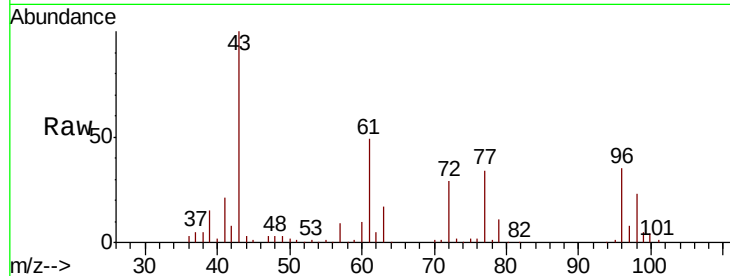
VSTDCCC050

Tot Ion: 43 Resp: 413850

Ion Ratio Lower Upper

43 100

72 29.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1532) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1532) (-)

6.79

150000

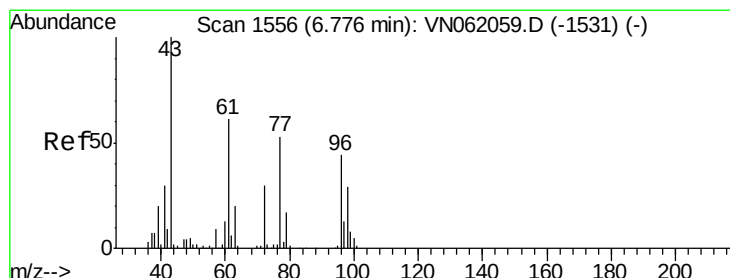
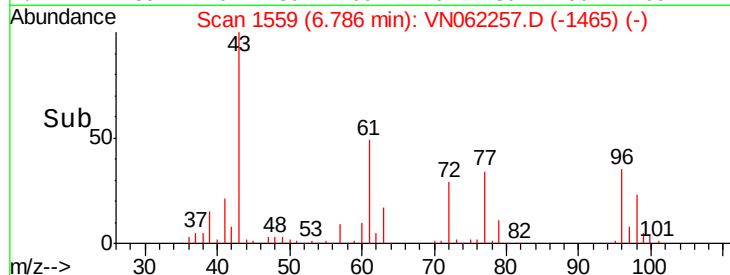
100000

50000

0

6.65 6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 45.978 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062257.D

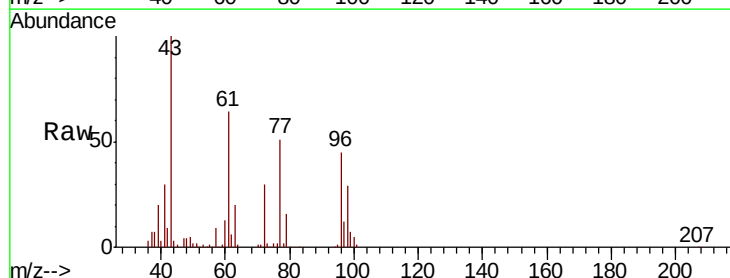
Acq: 30 Jun 2020 22:40

Tgt Ion: 77 Resp: 186592

Ion Ratio Lower Upper

77 100

97 23.0 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN062059.D (-1531) (-)

Ion 96.90 (96.60 to 97.60): VN062059.D (-1531) (-)

6.77

60000

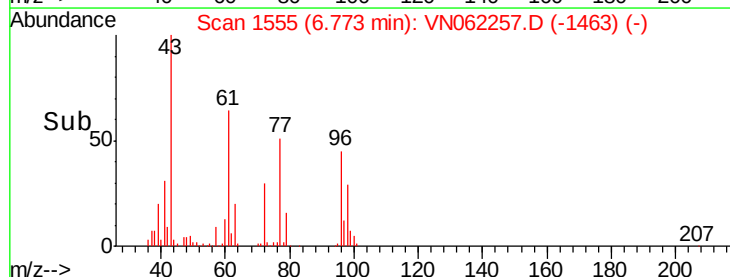
40000

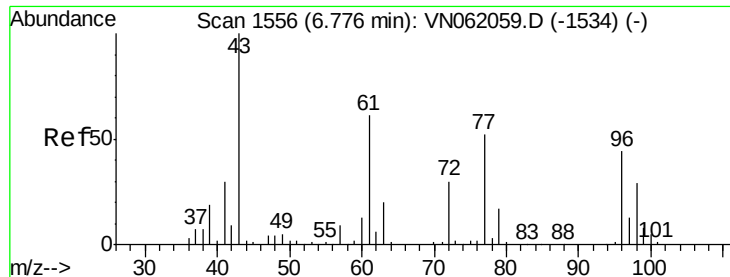
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.080 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

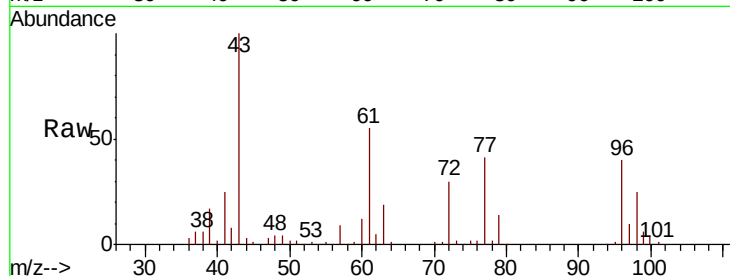
Tot Ion: 96 Resp: 159746

Ion Ratio Lower Upper

96 100

61 139.5 0.0 280.4

98 63.5 0.0 129.4

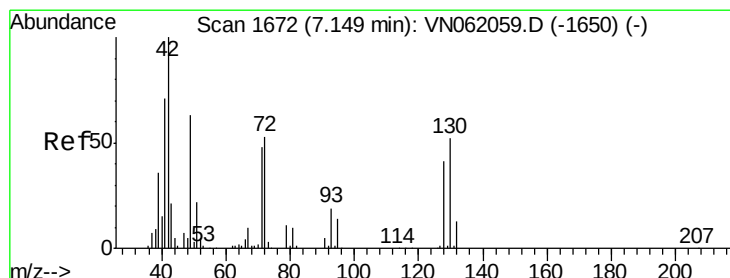
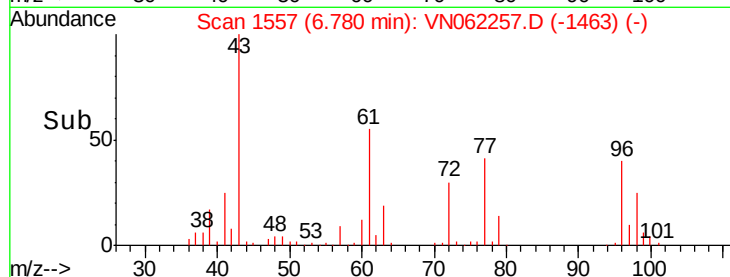
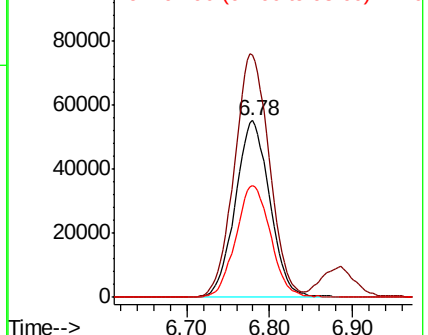


Abundance

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: 51.338 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

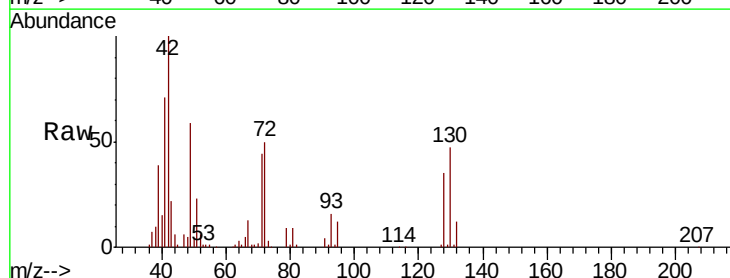
Tgt Ion: 49 Resp: 108477

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 77.1 65.5 98.3

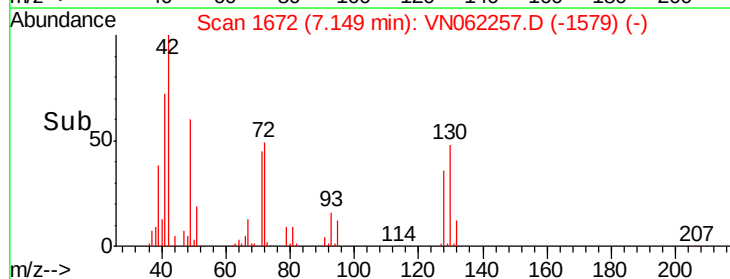
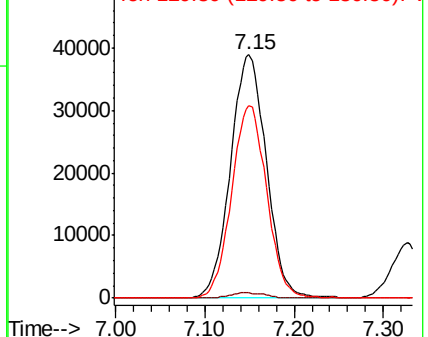


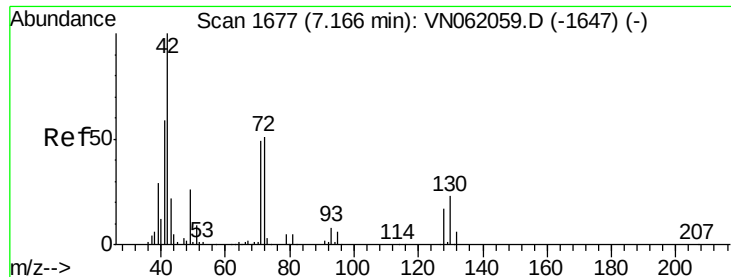
Abundance

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: 291.634 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

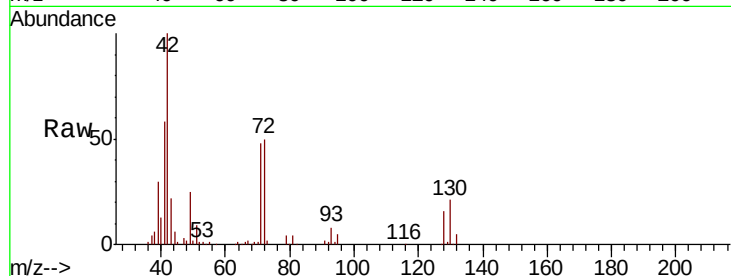
Tot Ion: 42 Resp: 278411

Ion Ratio Lower Upper

42 100

72 51.3 41.1 61.7

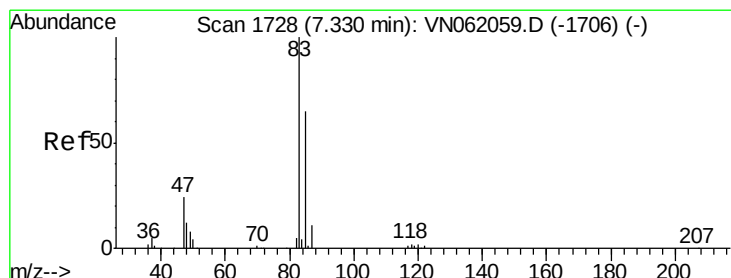
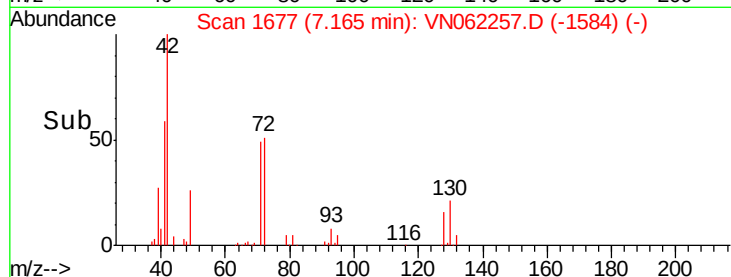
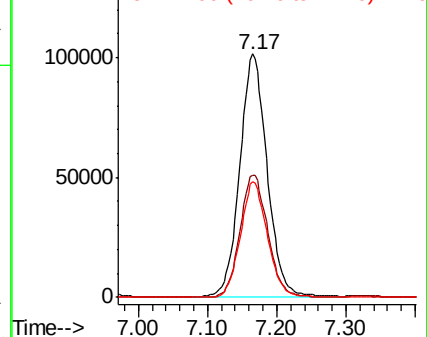
71 47.2 38.2 57.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 51.680 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062257.D

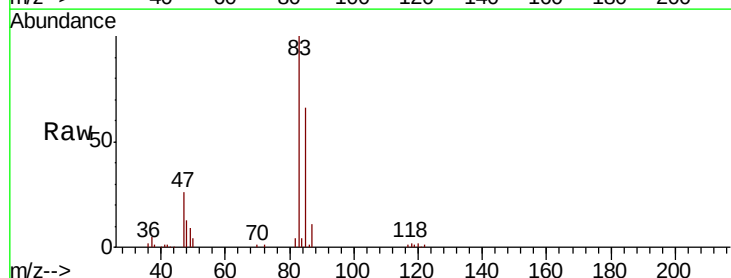
Acq: 30 Jun 2020 22:40

Tgt Ion: 83 Resp: 256069

Ion Ratio Lower Upper

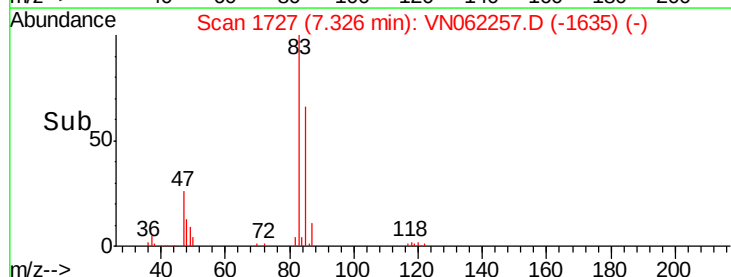
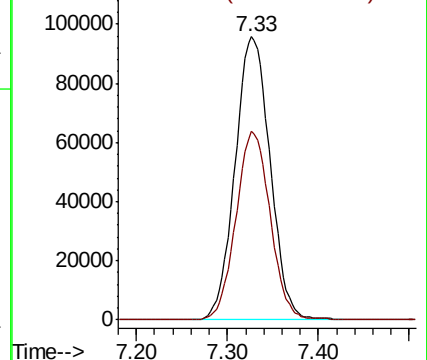
83 100

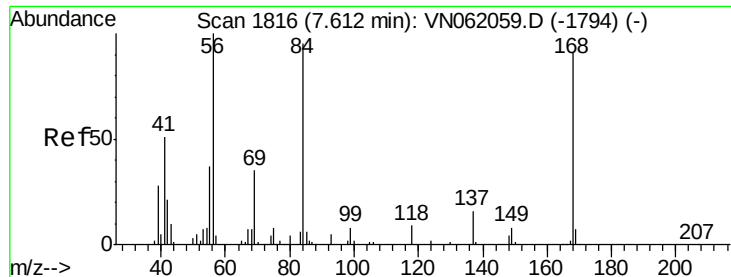
85 66.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 50.533 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

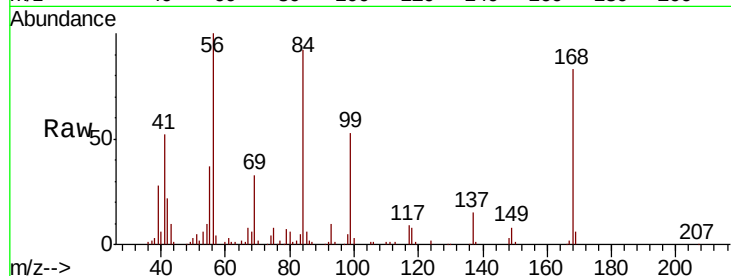
Tot Ion: 56 Resp: 208167

Ion Ratio Lower Upper

56 100

69 32.6 28.0 42.0

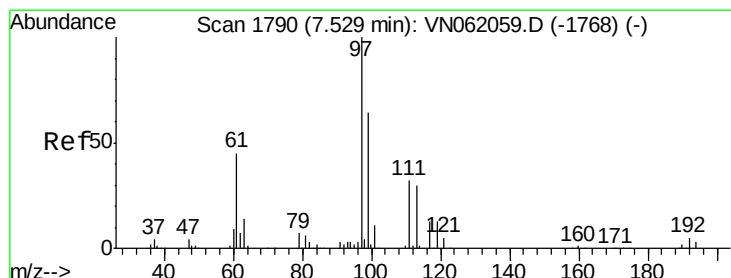
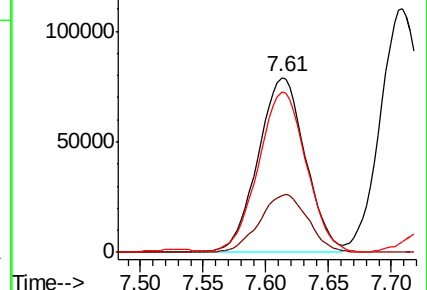
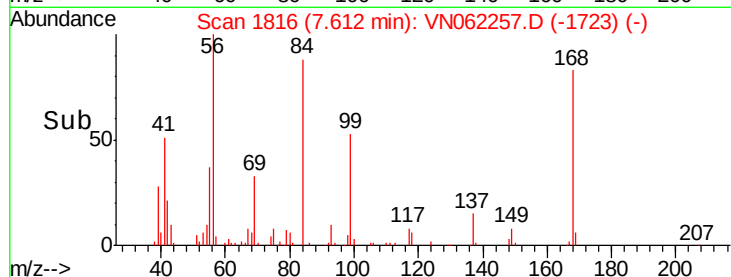
84 90.6 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062257.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062257.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062257.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 50.585 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

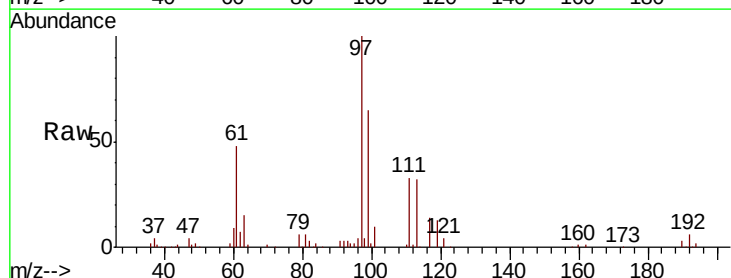
Tgt Ion: 97 Resp: 211375

Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

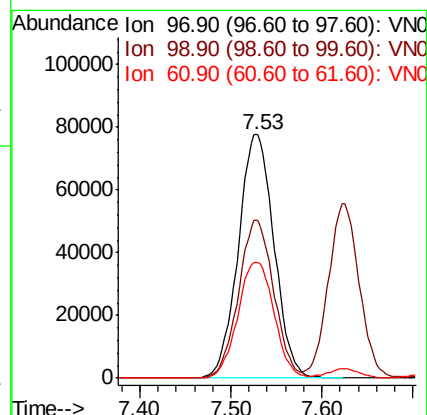
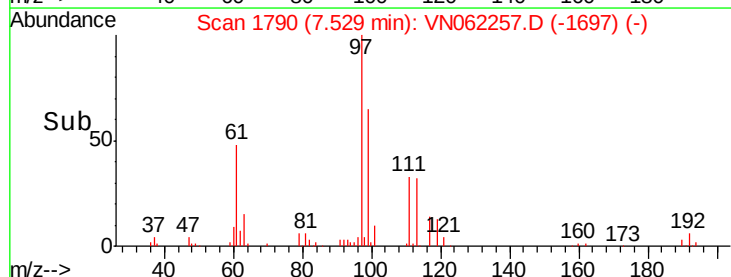
61 48.4 36.2 54.2

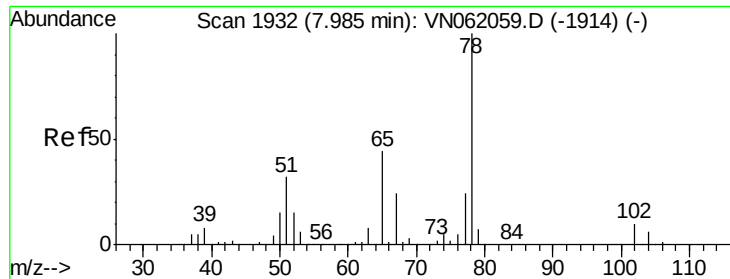


Abundance Ion 96.90 (96.60 to 97.60): VN062257.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062257.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062257.D (-1697) (-)

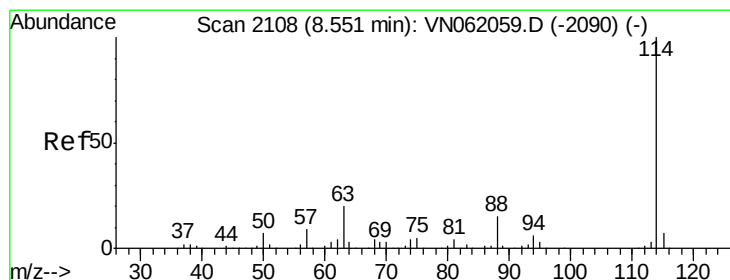
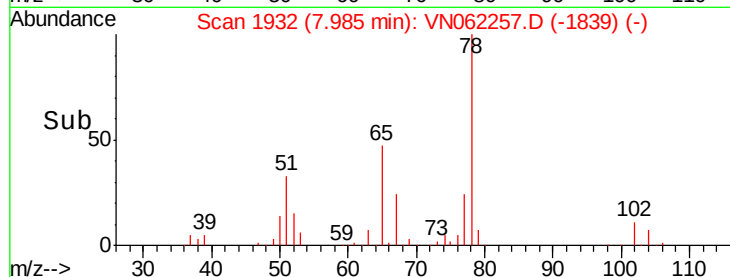
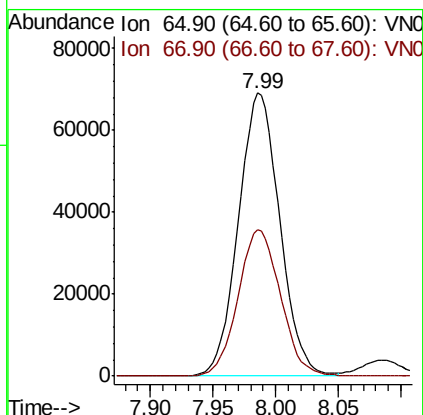
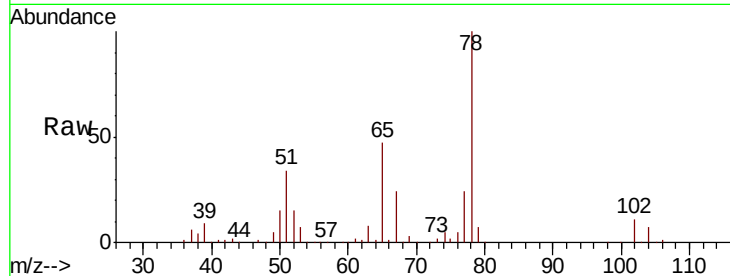




#33
 1,2-Dichloroethane-d4
 Concen: 53.234 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

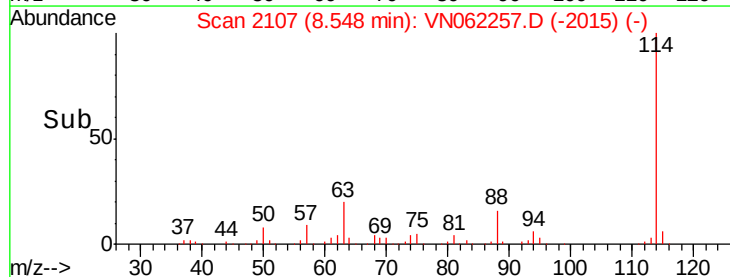
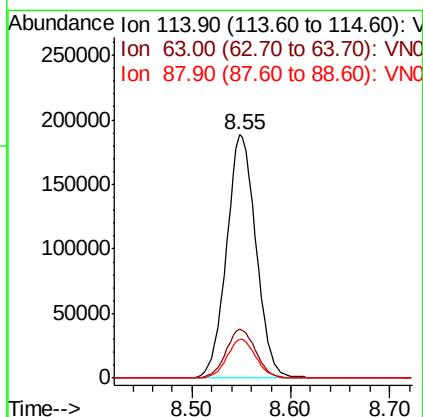
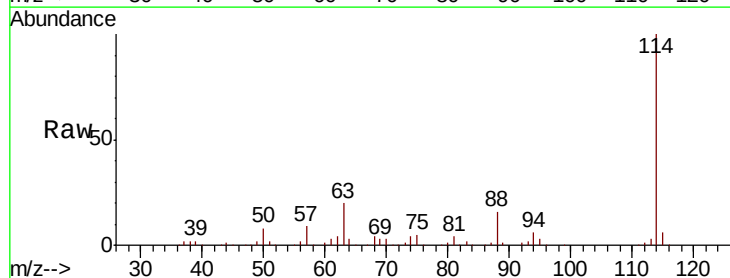
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

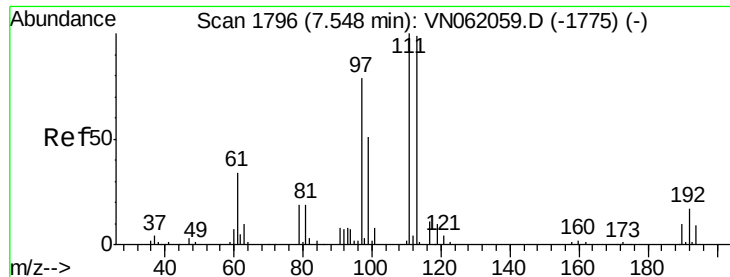
Tot Ion: 65 Resp: 158724
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Tgt Ion: 114 Resp: 392790
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.2
 88 16.1 0.0 30.8

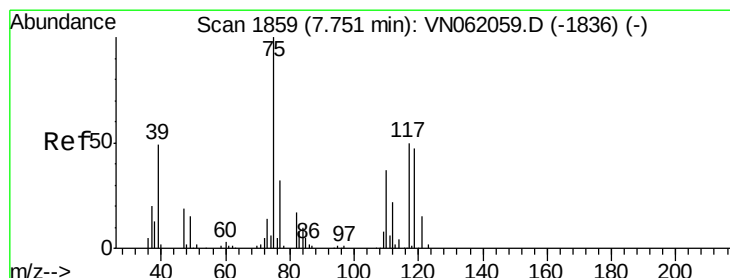
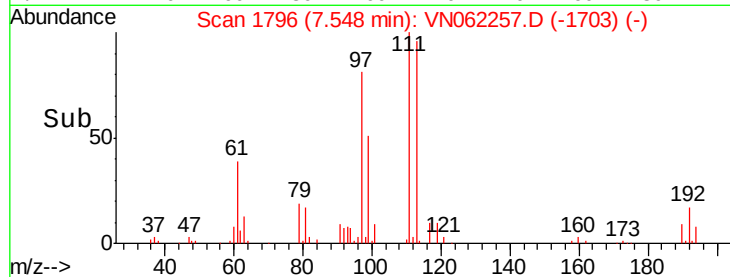
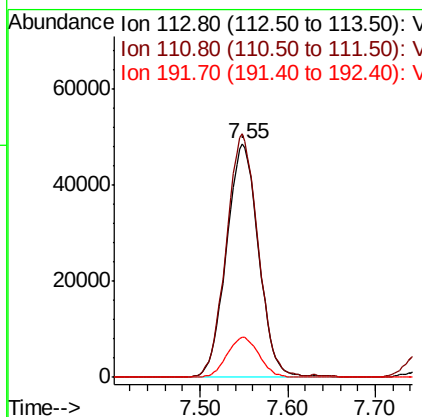
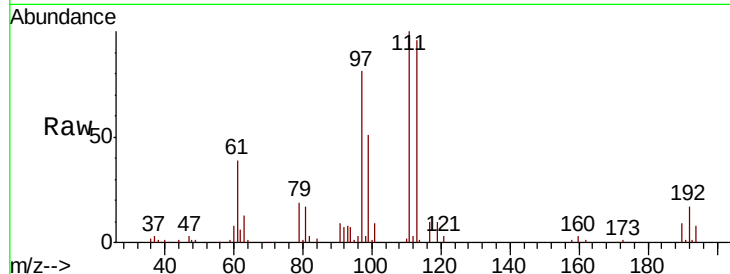




#35
 Dibromofluoromethane
 Concen: 49.282 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

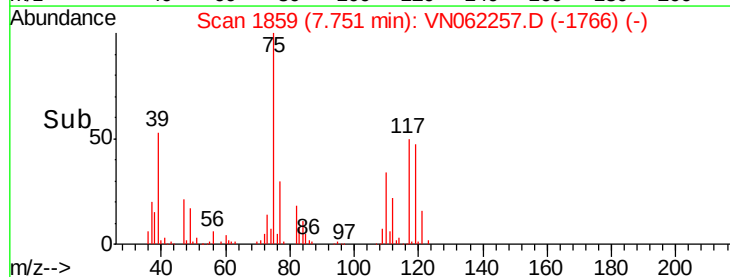
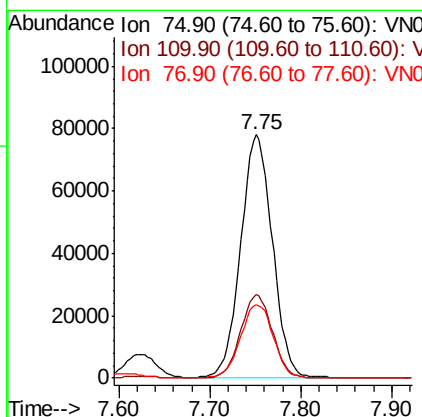
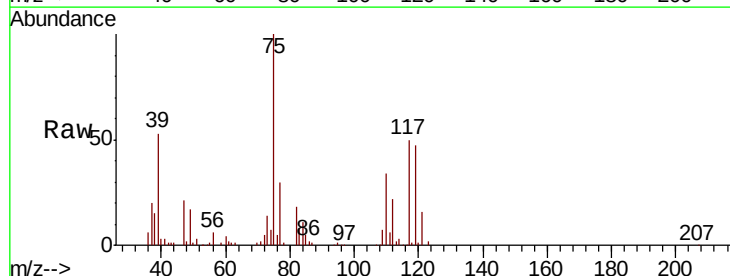
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

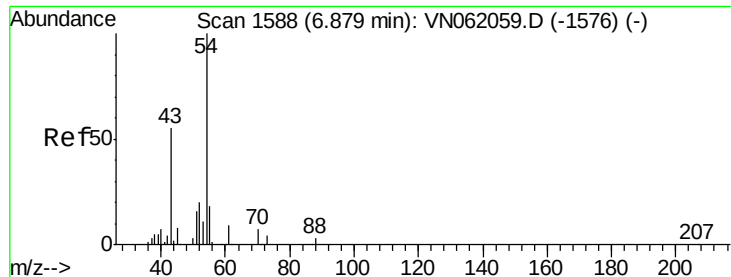
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	17.1	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 47.796 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.9	53.8
77	31.5	24.9	37.3

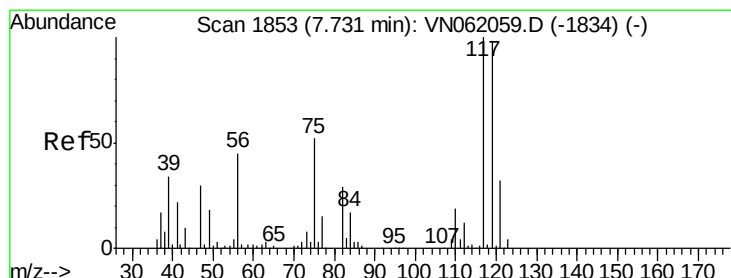
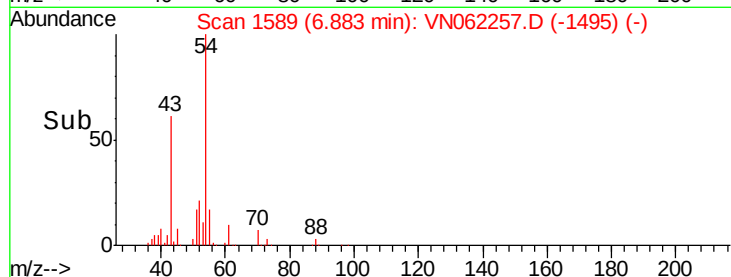
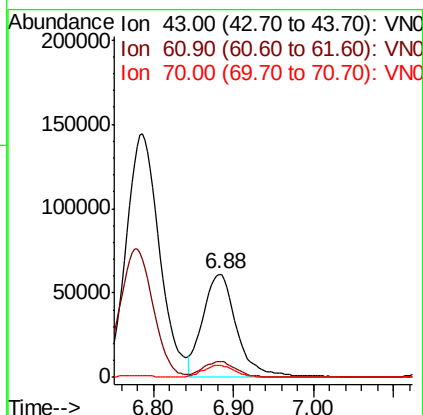
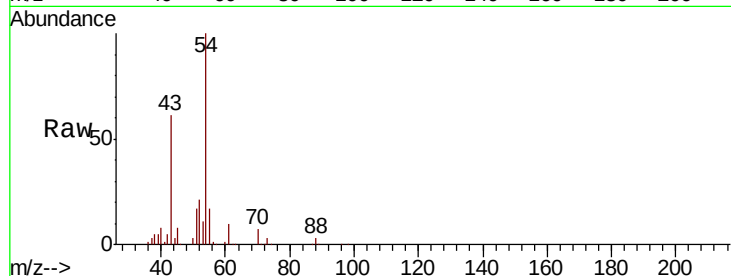




#37
Ethyl Acetate
Concen: 54.539 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

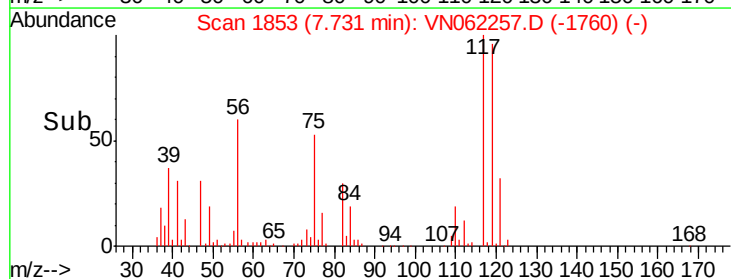
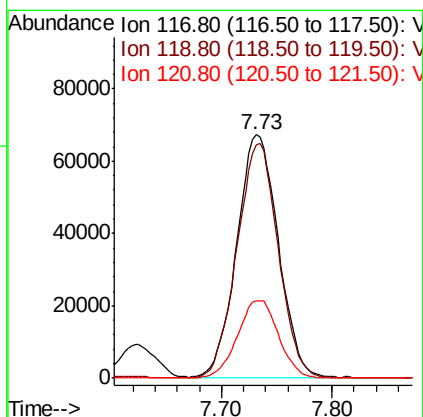
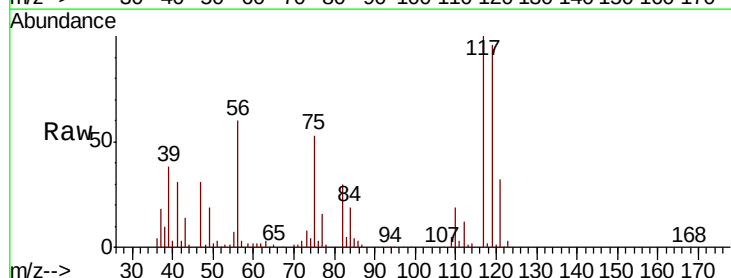
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

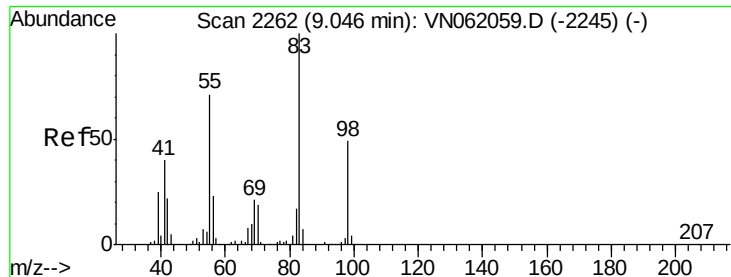
Tot Ion: 43 Resp: 178304
Ion Ratio Lower Upper
43 100
61 14.4 12.0 18.0
70 11.2 9.6 14.4



#38
Carbon Tetrachloride
Concen: 46.848 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

Tgt Ion: 117 Resp: 174377
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.2
121 31.8 25.8 38.6

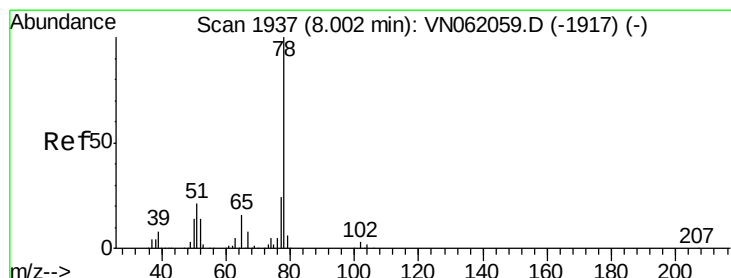
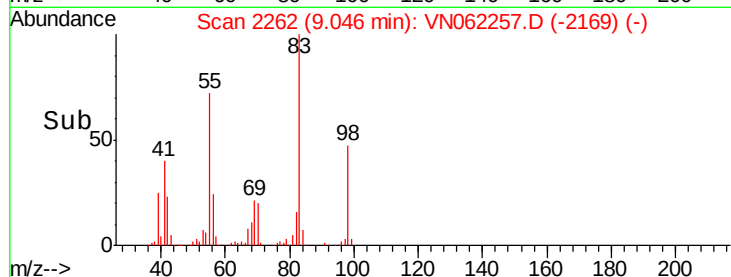
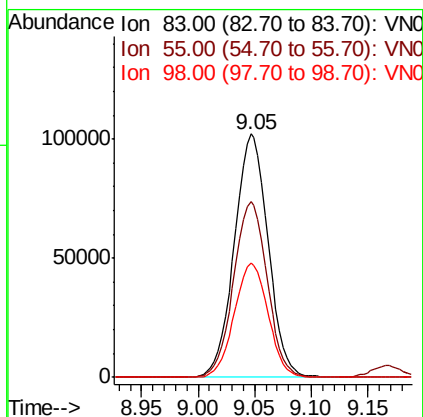
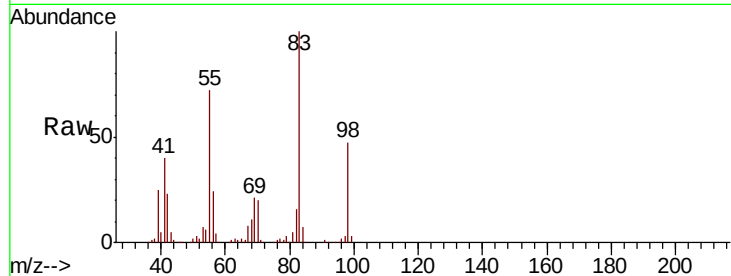




#39
Methylvlcyclohexane
Concen: 49.104 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

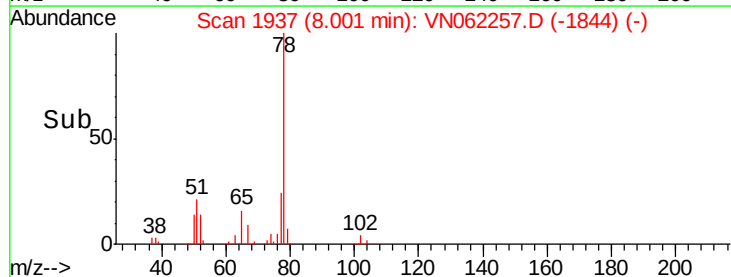
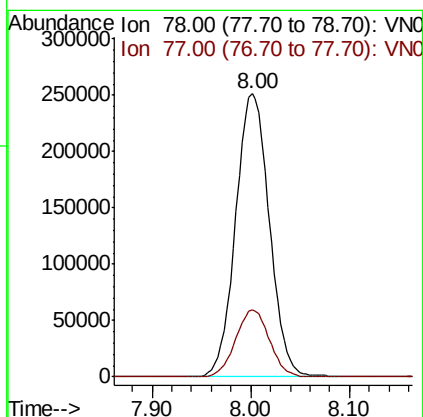
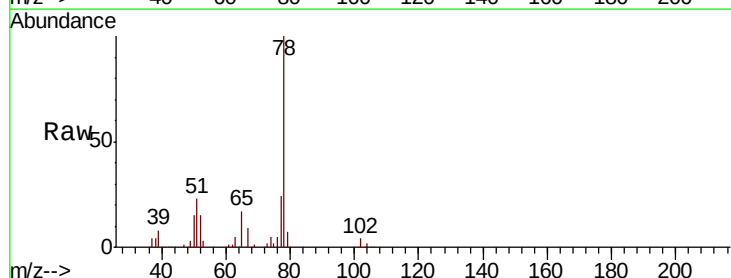
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

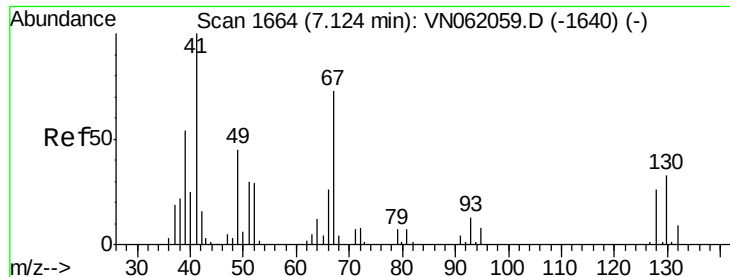
Tot Ion: 83 Resp: 212421
Ion Ratio Lower Upper
83 100
55 72.0 57.0 85.6
98 46.8 39.0 58.6



#40
Benzene
Concen: 49.535 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

Tgt Ion: 78 Resp: 596093
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3

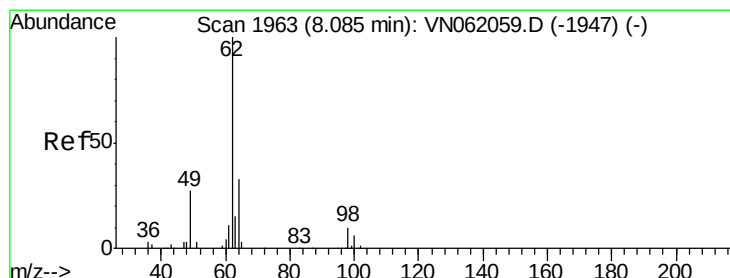
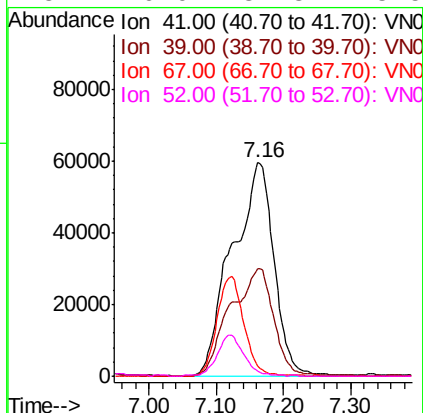
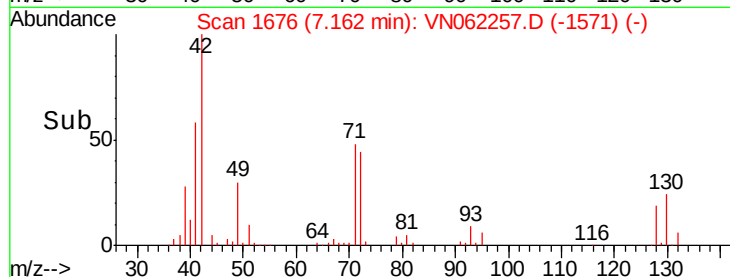
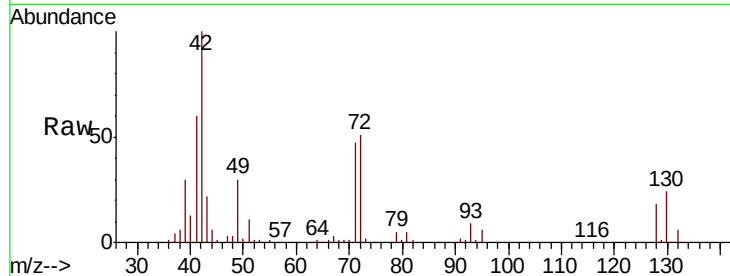




#41
Methacrylonitrile
Concen: 169.521 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

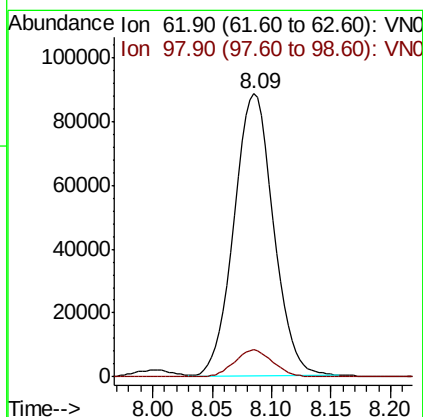
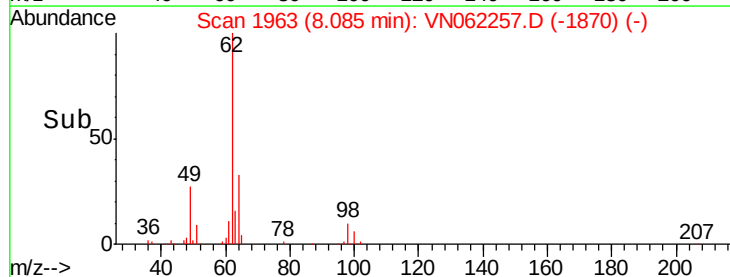
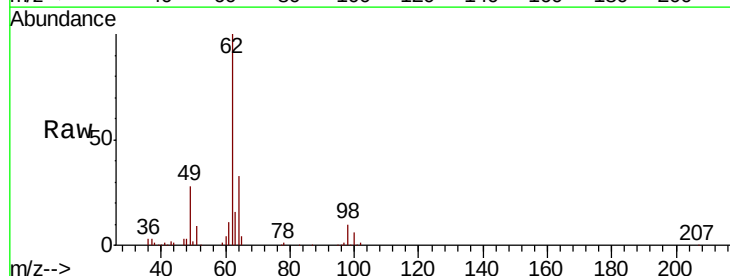
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

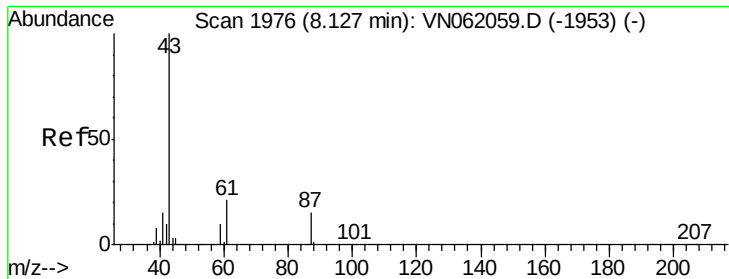
Tot Ion	Ratio	Lower	Upper
41	100		
39	52.3	44.2	66.2
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#



#42
1,2-Dichloroethane
Concen: 50.027 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8





#43

Isopropyl Acetate

Concen: 54.589 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

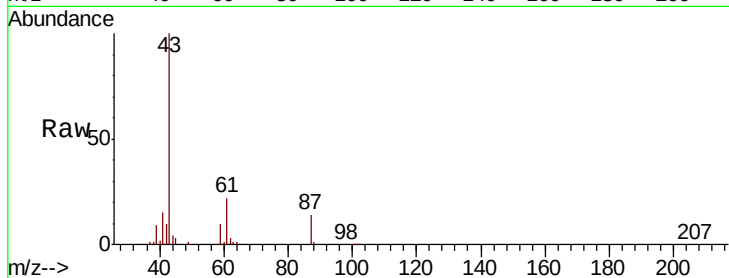
Tot Ion: 43 Resp: 290927

Ion Ratio Lower Upper

43 100

61 28.0 17.2 25.8#

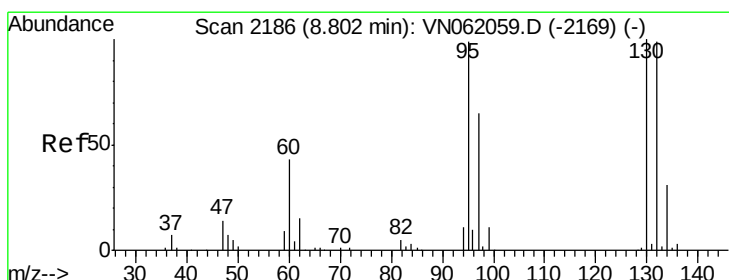
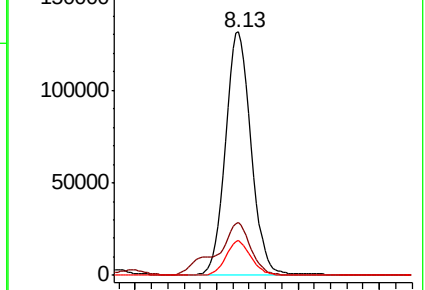
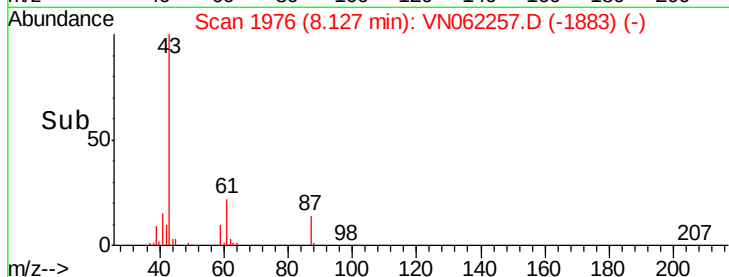
87 13.9 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 45.464 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062257.D

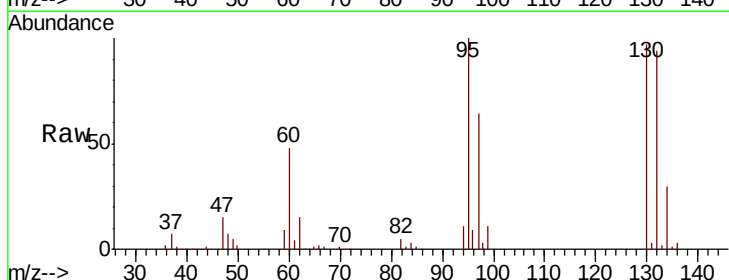
Acq: 30 Jun 2020 22:40

Tgt Ion:130 Resp: 138007

Ion Ratio Lower Upper

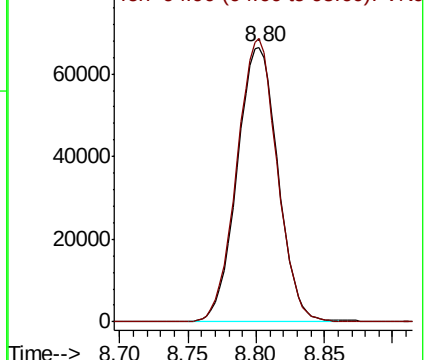
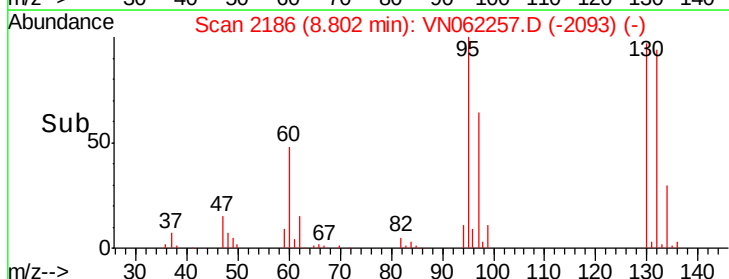
130 100

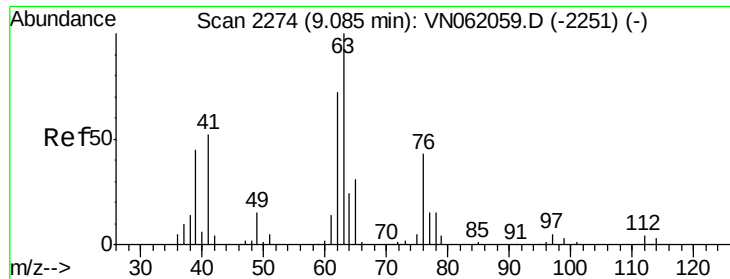
95 103.0 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)

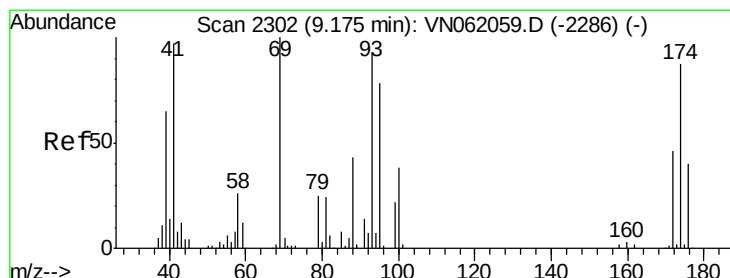
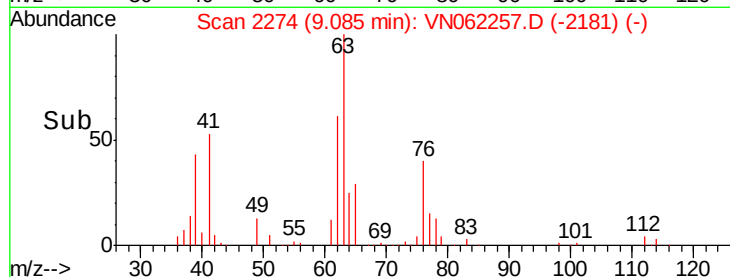
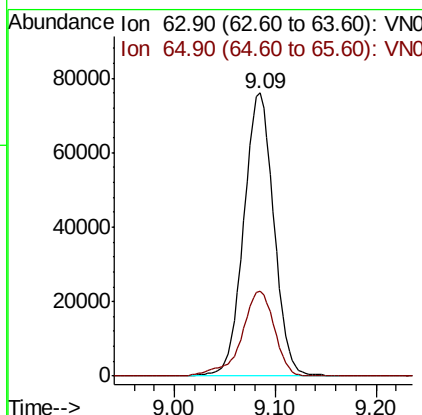
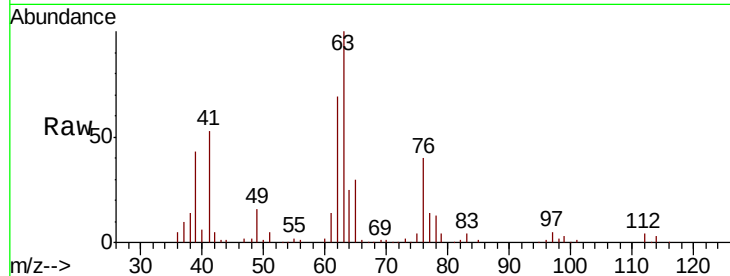




#45
 1,2-Dichloropropane
 Concen: 52.708 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

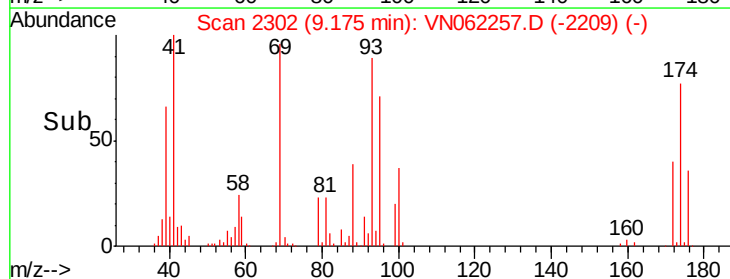
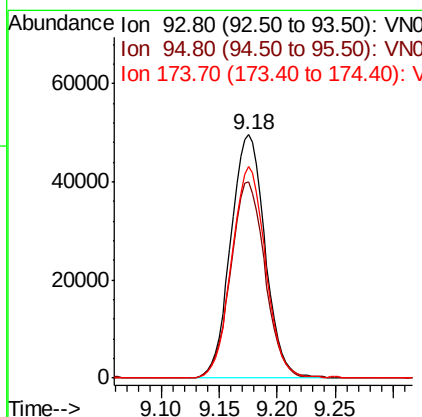
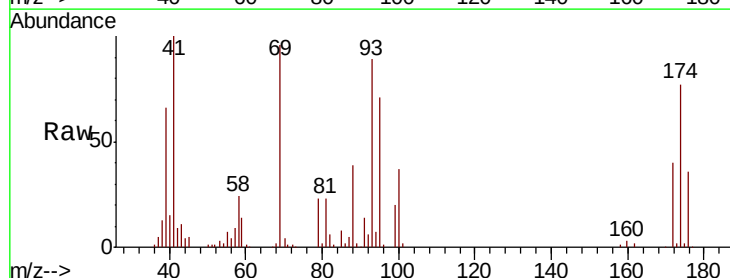
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

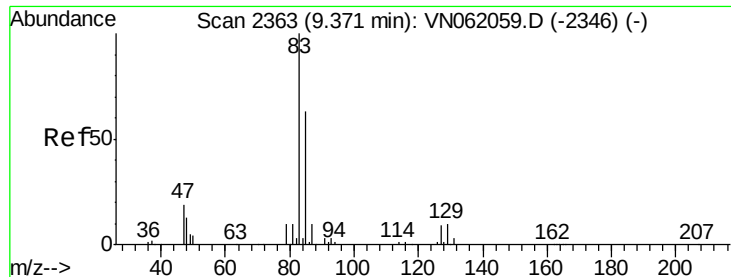
Tot Ion: 63 Resp: 156479
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.4



#46
 Dibromomethane
 Concen: 50.663 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Tgt Ion: 93 Resp: 101977
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.0 100.6
 174 85.8 74.4 111.6

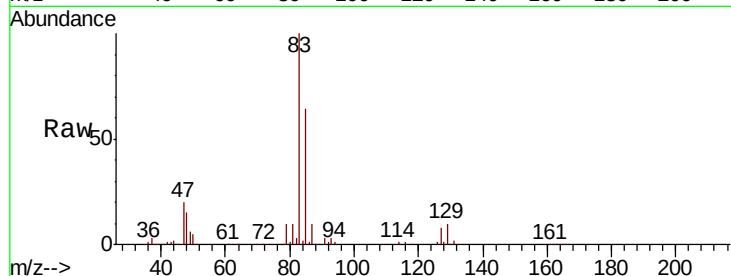




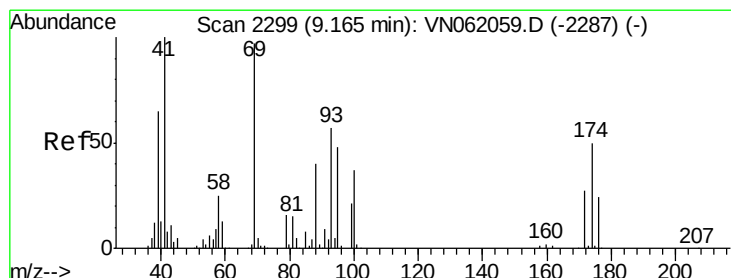
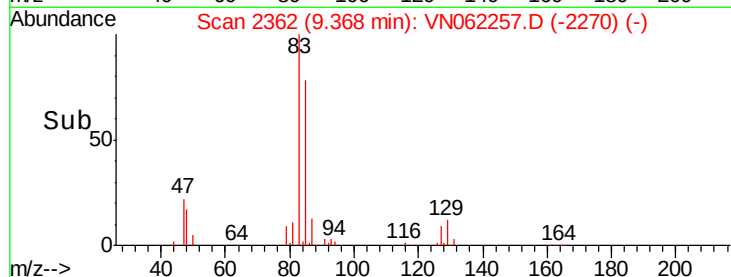
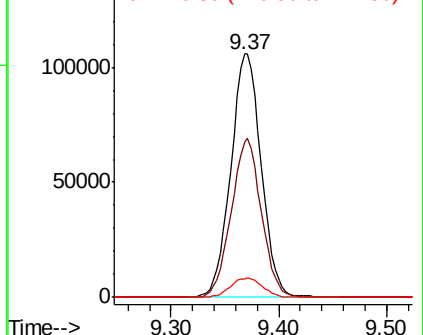
#47
Bromodichloromethane
Concen: 51.154 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 83 Resp: 207902
Ion Ratio Lower Upper
83 100
85 63.9 50.3 75.5
127 7.7 6.9 10.3

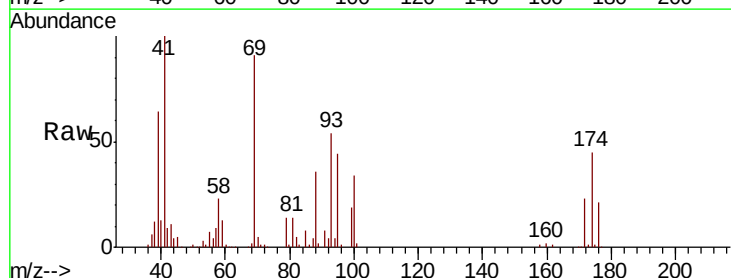


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

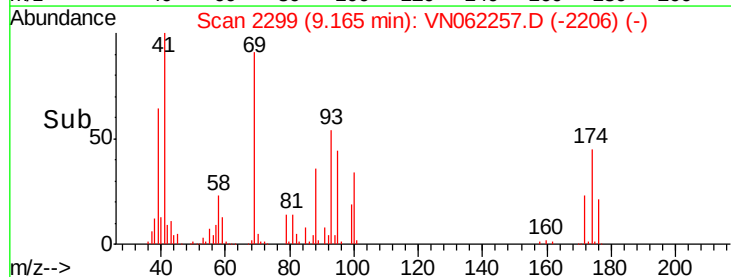
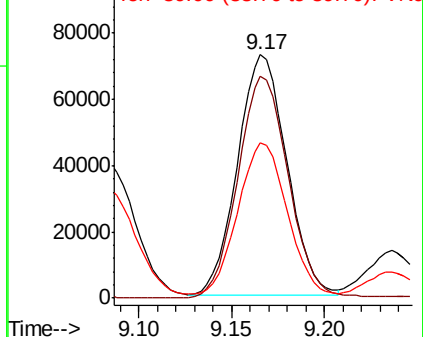


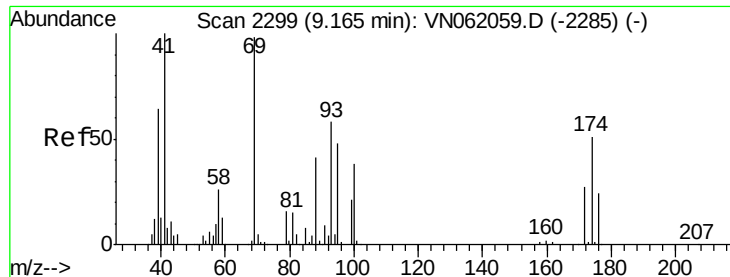
#48
Methyl methacrylate
Concen: 55.830 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

Tgt Ion: 41 Resp: 133411
Ion Ratio Lower Upper
41 100
69 95.3 80.7 121.1
39 65.5 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

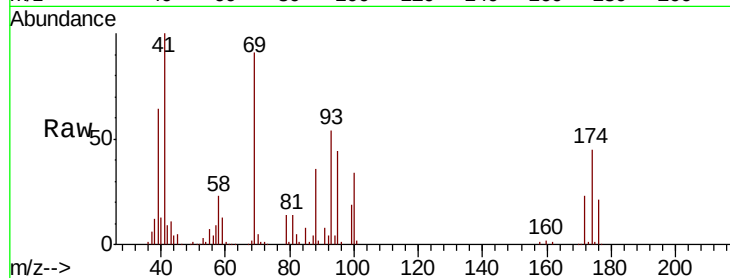




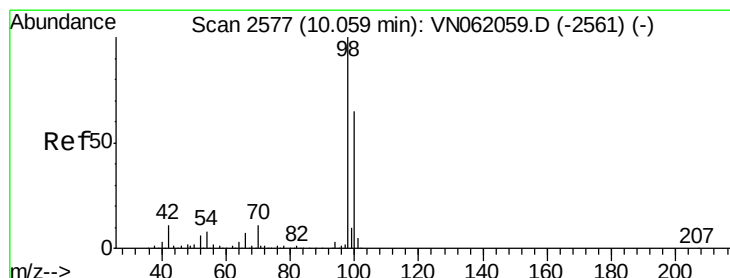
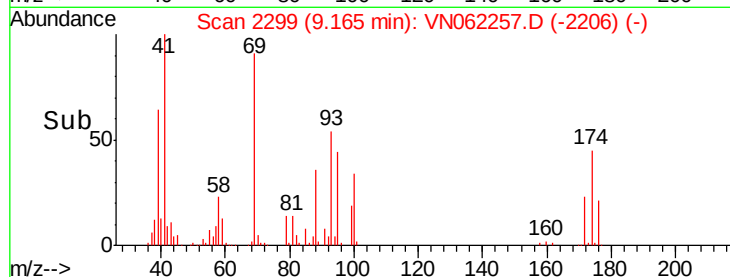
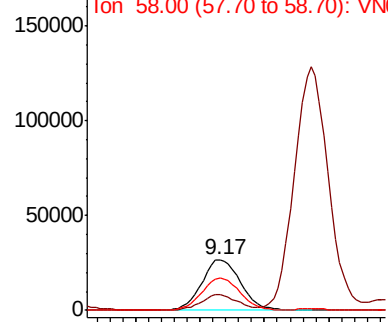
#49
1,4-Dioxane
Concen: 1052.147 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 55755
Ion Ratio Lower Upper
88 100
43 30.2 22.0 33.0
58 63.1 49.2 73.8

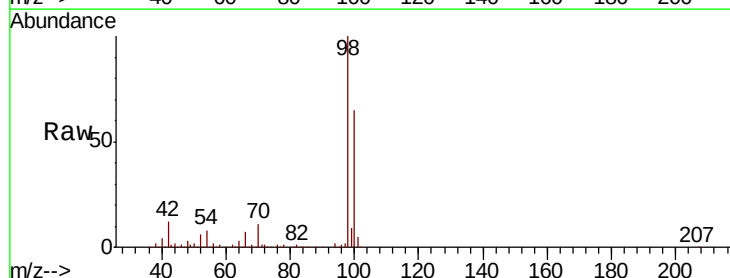


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

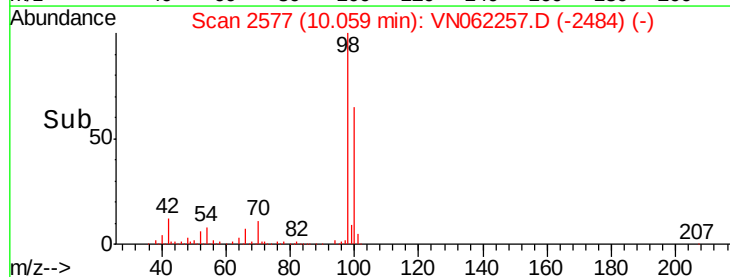
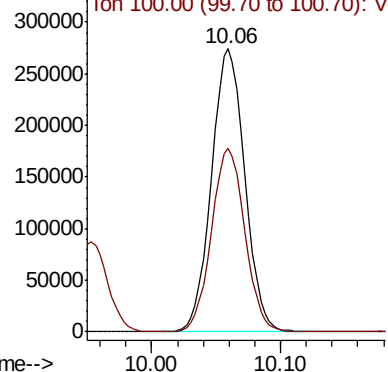


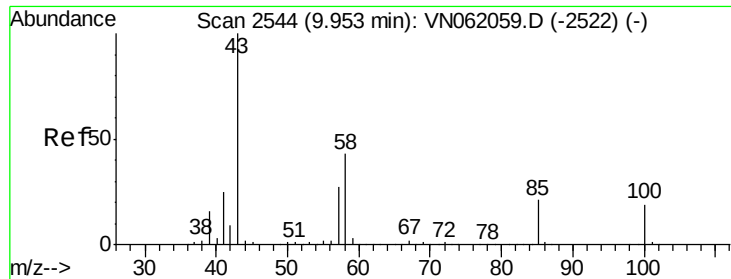
#50
Toluene-d8
Concen: 48.983 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

Tgt Ion: 98 Resp: 493410
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

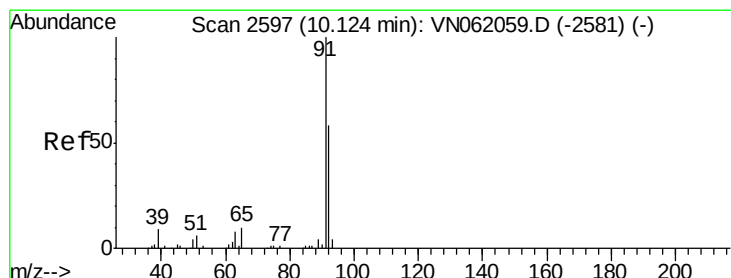
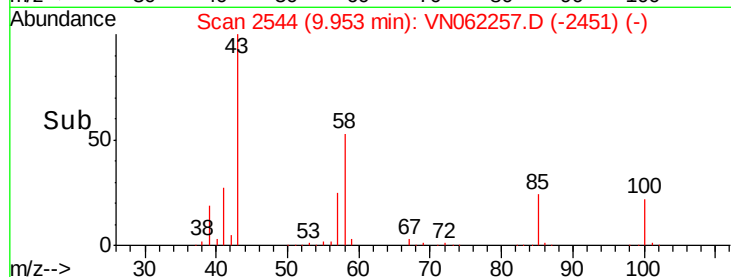
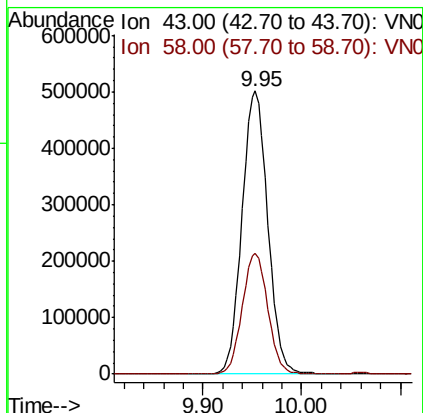
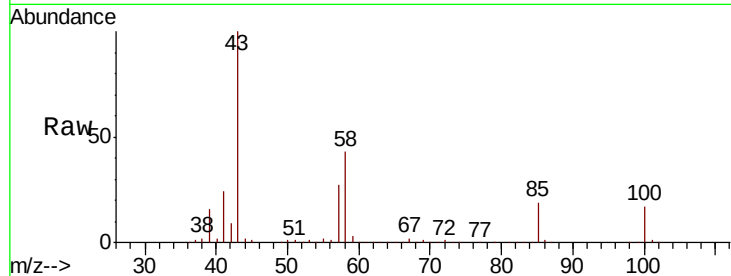




#51
 4-Methyl-2-Pentanone
 Concen: 291.093 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

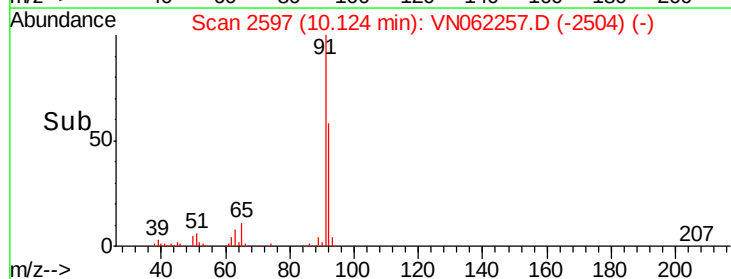
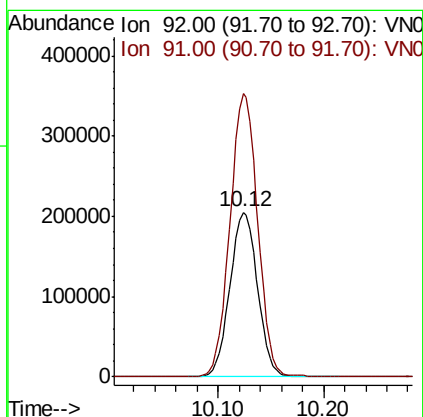
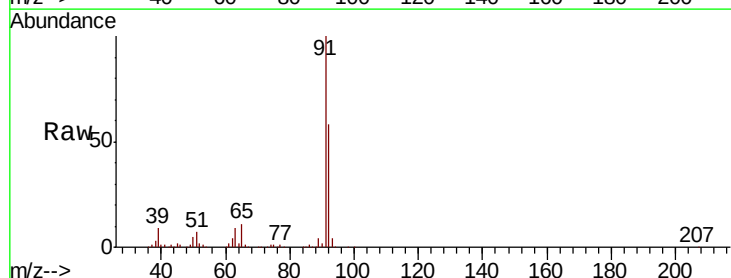
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

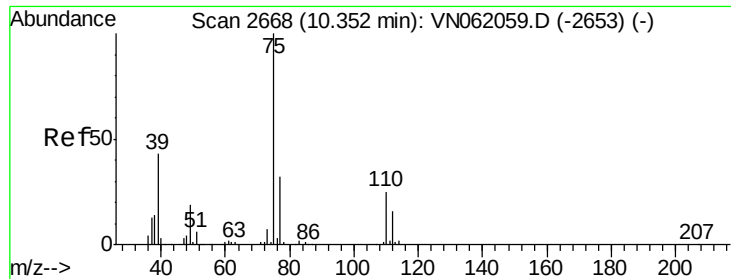
Tot Ion: 43 Resp: 906393
 Ion Ratio Lower Upper
 43 100
 58 42.2 34.2 51.2



#52
 Toluene
 Concen: 50.484 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Tgt Ion: 92 Resp: 370673
 Ion Ratio Lower Upper
 92 100
 91 172.4 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 49.879 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

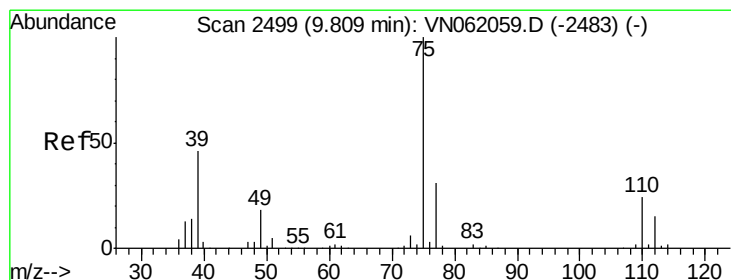
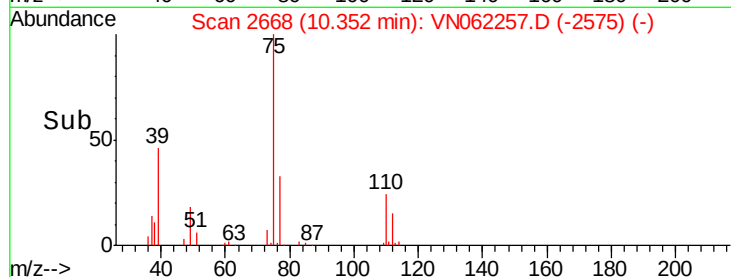
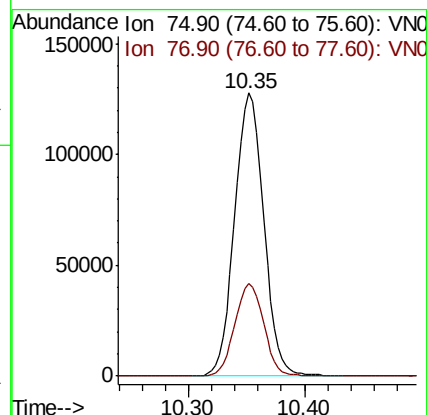
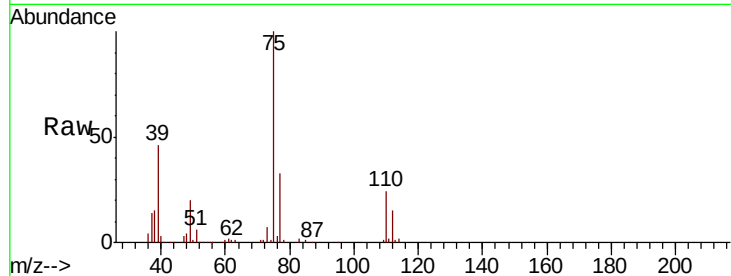
VSTDCCC050

Tot Ion: 75 Resp: 223027

Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 51.732 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

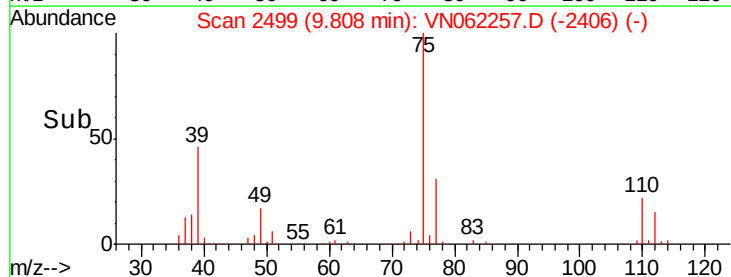
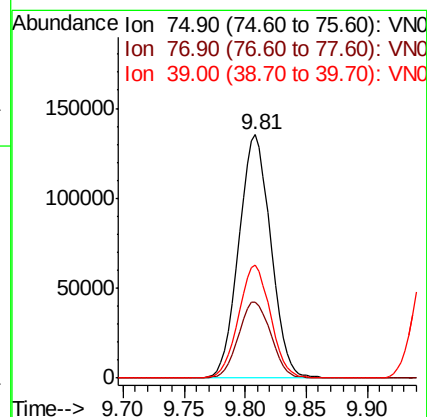
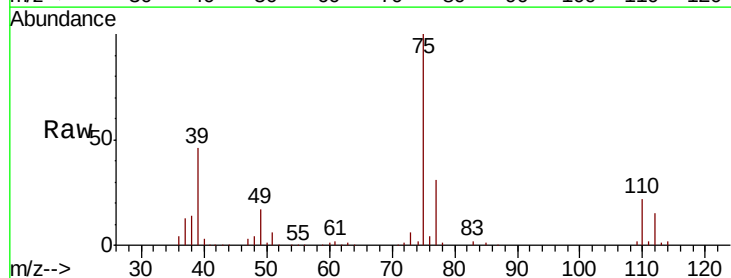
Tgt Ion: 75 Resp: 246269

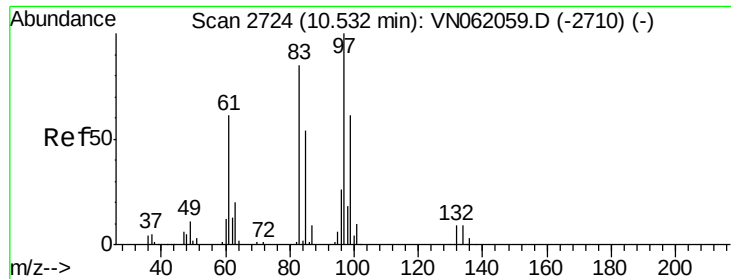
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 46.4 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 52.340 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 151066

Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.2	102.2
85	53.7	43.2	64.8
99	60.9	48.5	72.7

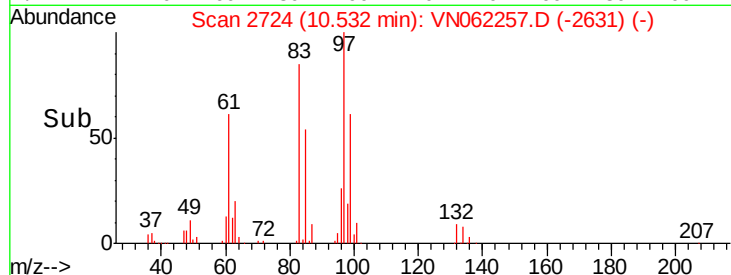
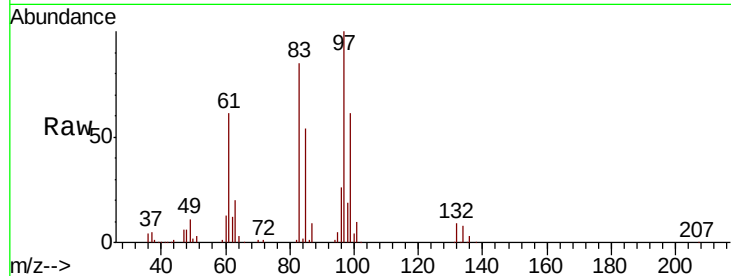
Ion Ratio Lower Upper

97 100

83 85.1 68.2 102.2

85 53.7 43.2 64.8

99 60.9 48.5 72.7



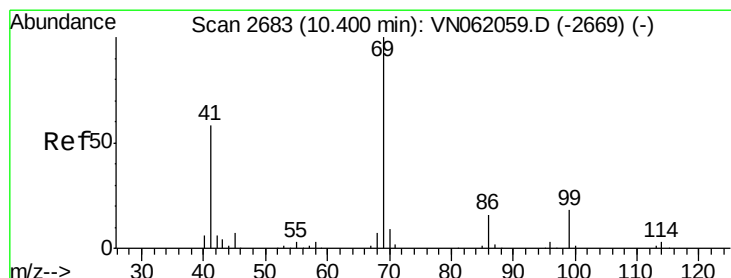
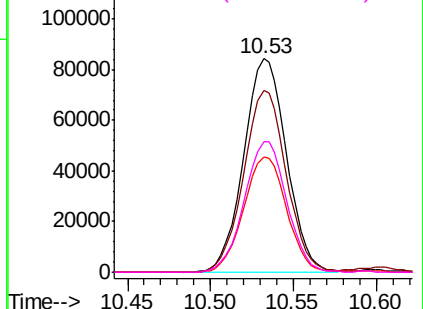
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 56.334 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Tgt Ion: 69 Resp: 216987

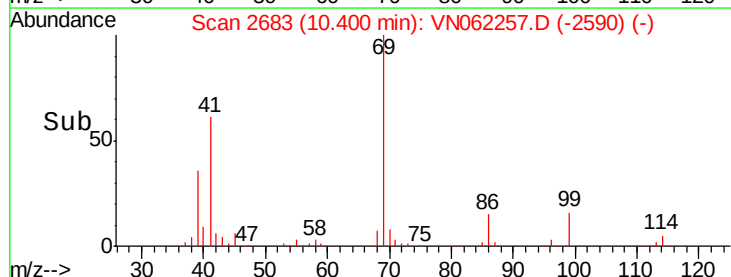
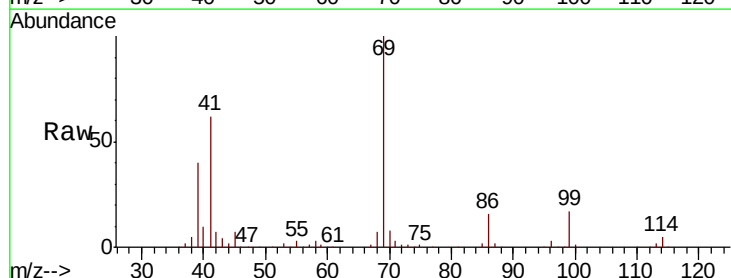
Ion	Ratio	Lower	Upper
69	100		
41	60.1	46.6	70.0
39	39.4	31.0	46.4

Ion Ratio Lower Upper

69 100

41 60.1 46.6 70.0

39 39.4 31.0 46.4

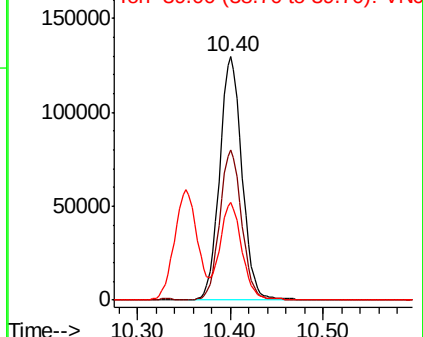


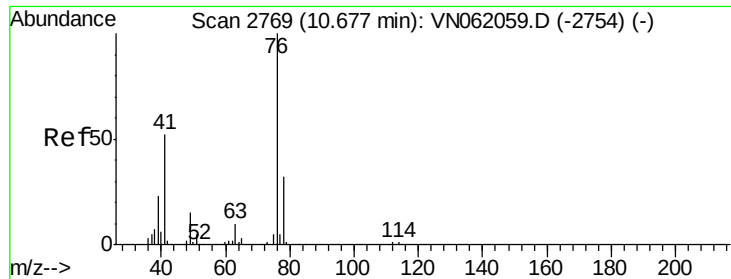
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

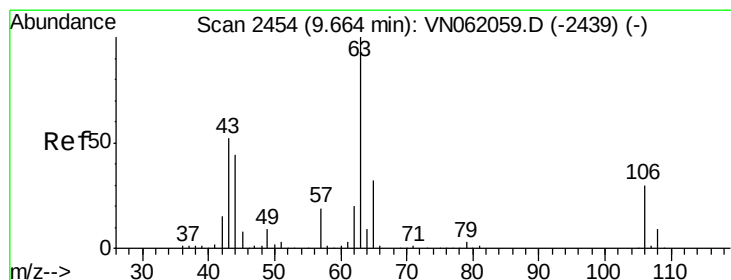
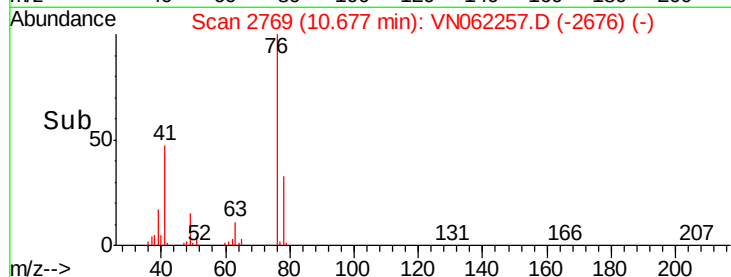
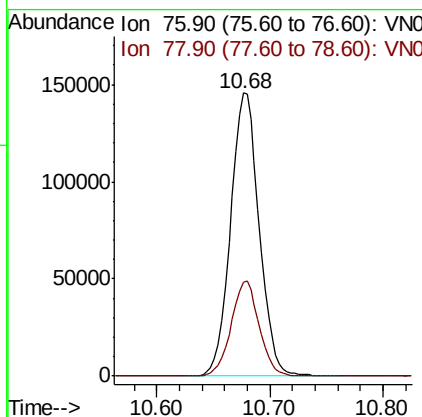
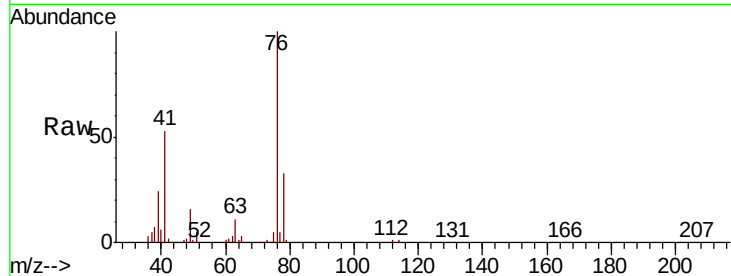




#57
 1,3-Dichloropropane
 Concen: 51.482 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

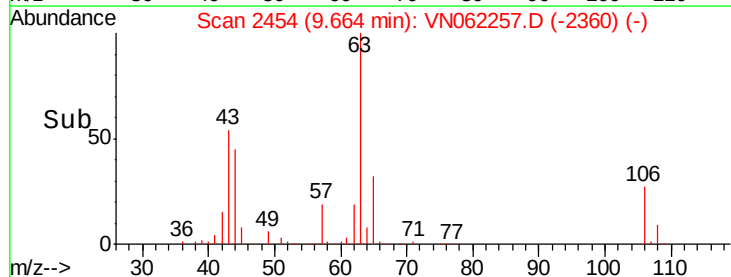
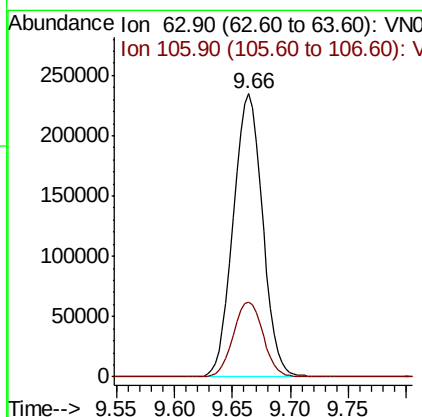
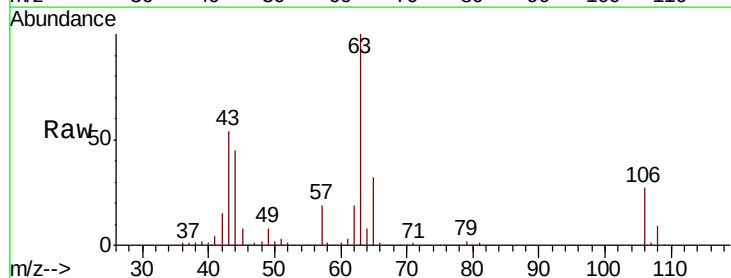
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

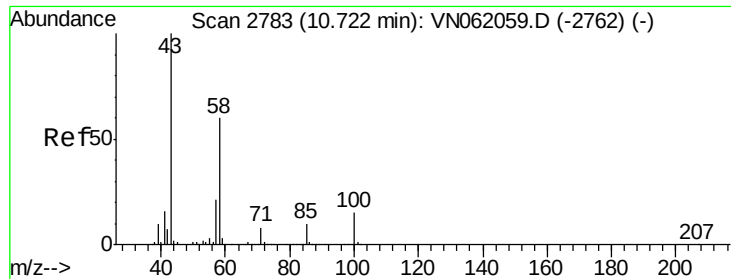
Tot Ion: 76 Resp: 255757
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.436 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Tgt Ion: 63 Resp: 410744
 Ion Ratio Lower Upper
 63 100
 106 27.0 23.2 34.8

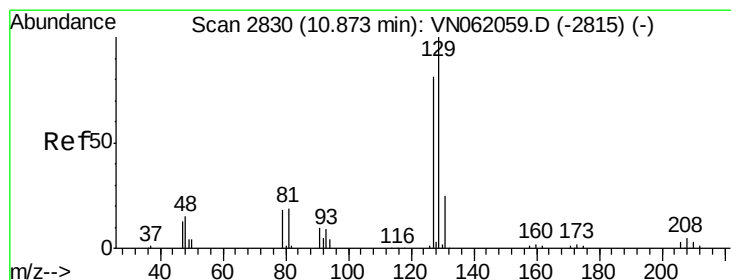
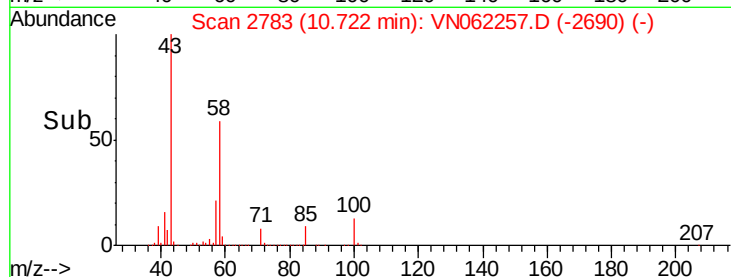
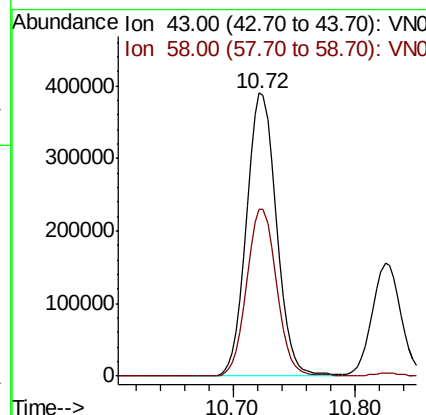
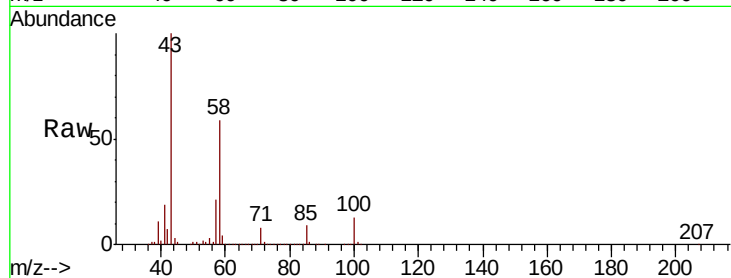




#59
2-Hexanone
Concen: 292.843 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

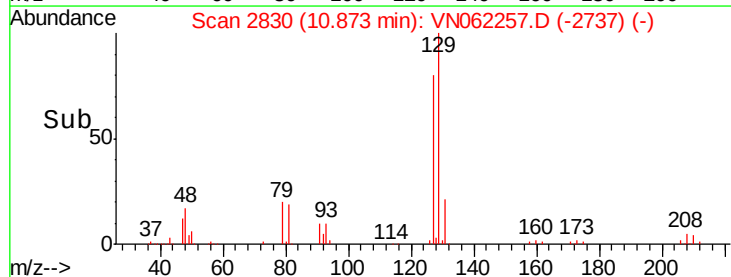
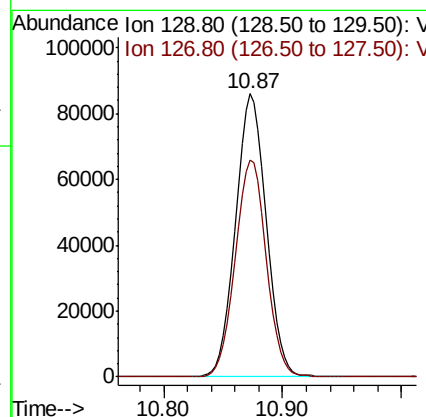
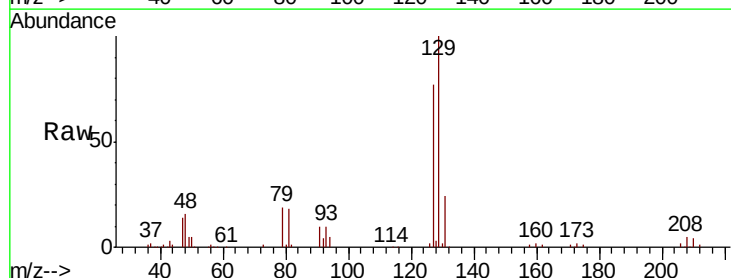
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

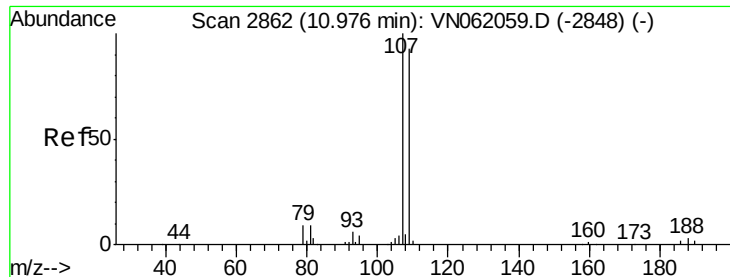
Tot Ion: 43 Resp: 658439
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.5



#60
Dibromochloromethane
Concen: 50.265 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

Tgt Ion: 129 Resp: 153594
Ion Ratio Lower Upper
129 100
127 77.3 39.5 118.5





#61

1,2-Dibromoethane

Concen: 50.151 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

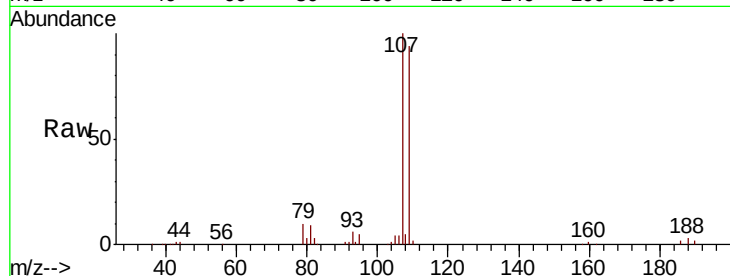
VSTDCCC050

Tot Ion:107 Resp: 148731

Ion Ratio Lower Upper

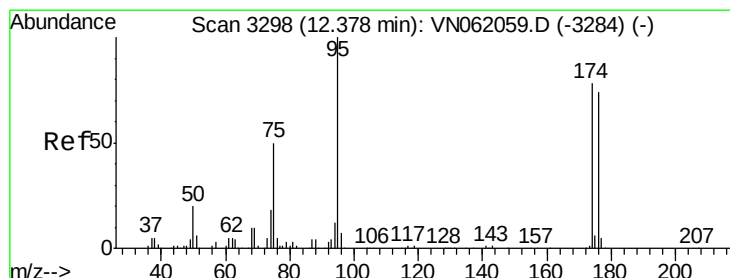
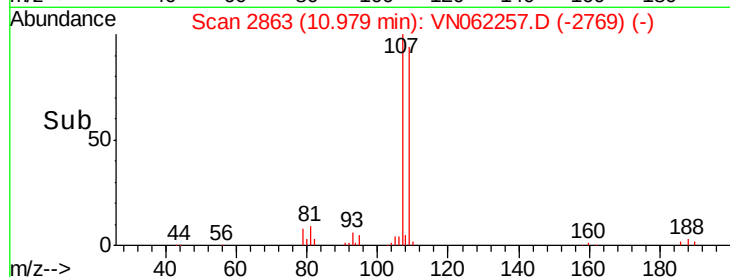
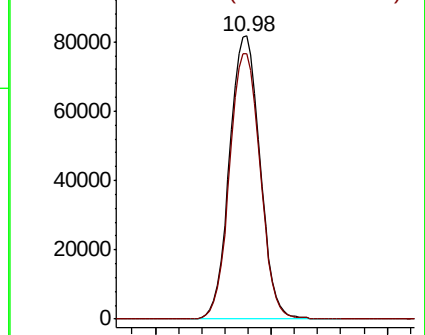
107 100

109 94.3 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.490 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

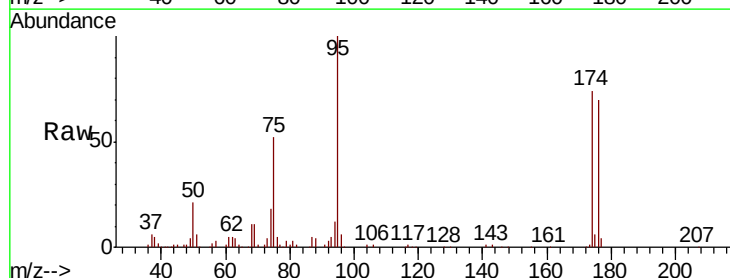
Tgt Ion: 95 Resp: 168428

Ion Ratio Lower Upper

95 100

174 73.4 0.0 154.8

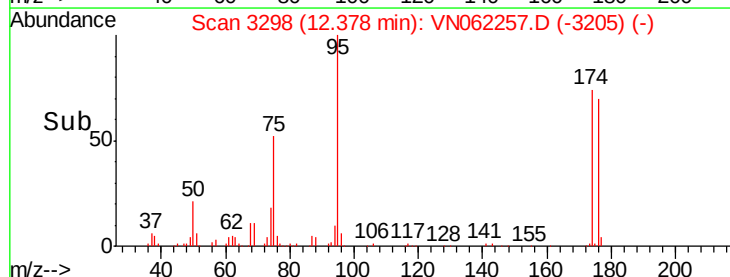
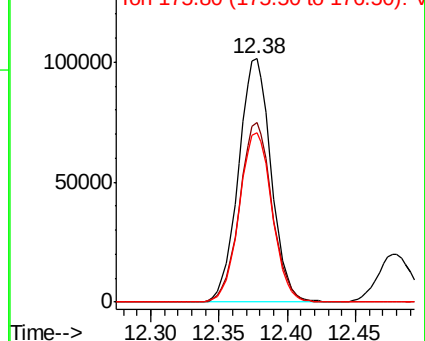
176 70.1 0.0 147.4

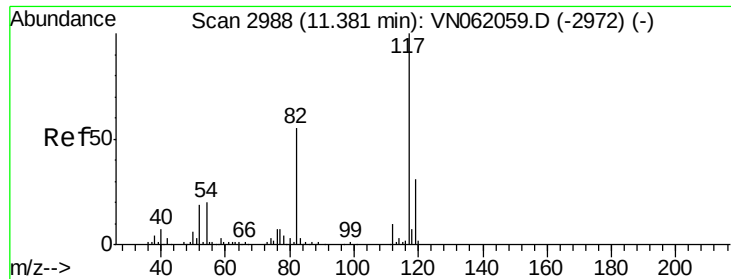


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

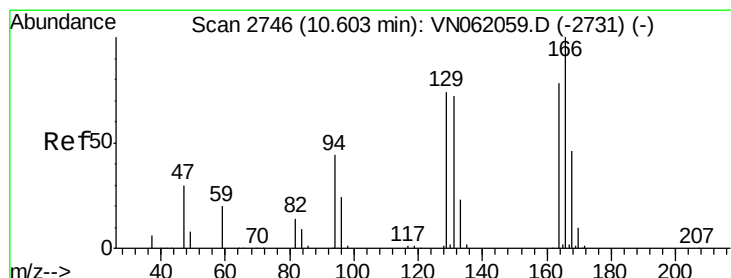
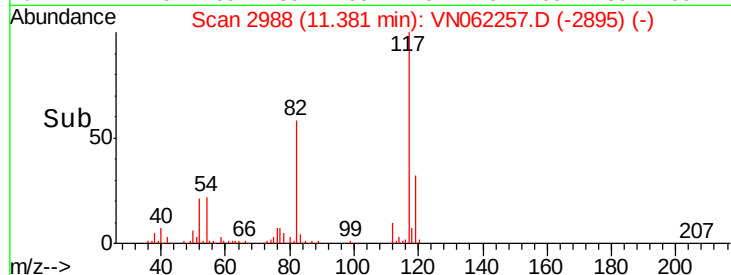
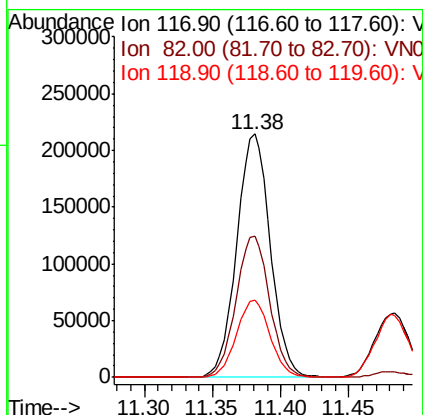
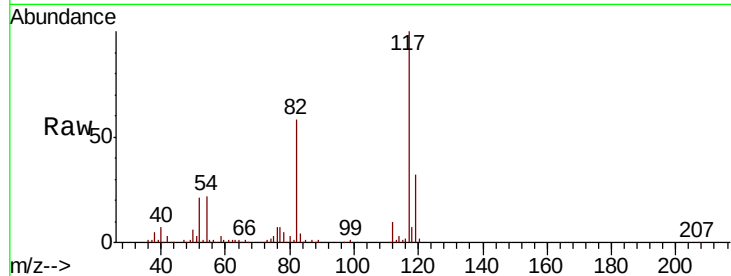




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

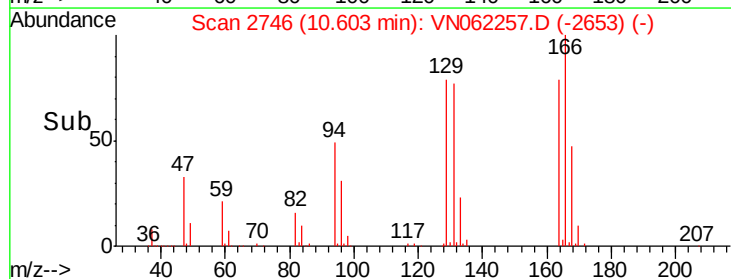
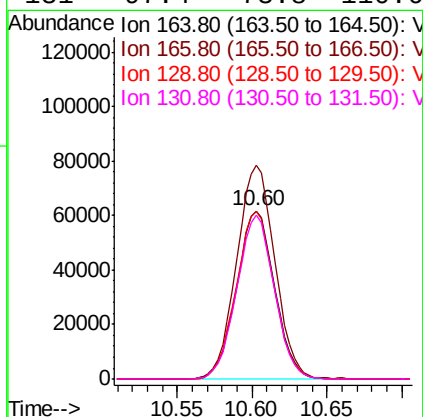
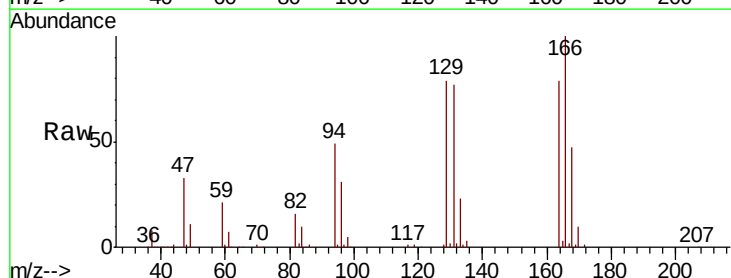
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

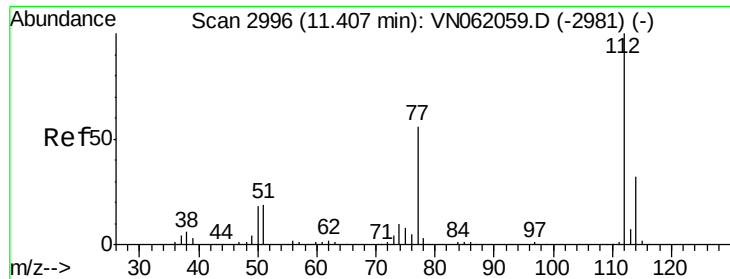
Tot Ion:117 Resp: 367049
Ion Ratio Lower Upper
117 100
82 57.9 43.8 65.8
119 31.7 25.2 37.8



#64
Tetrachloroethene
Concen: 43.439 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

Tgt Ion:164 Resp: 108915
Ion Ratio Lower Upper
164 100
166 127.2 102.9 154.3
129 100.1 75.8 113.8
131 97.4 73.8 110.6

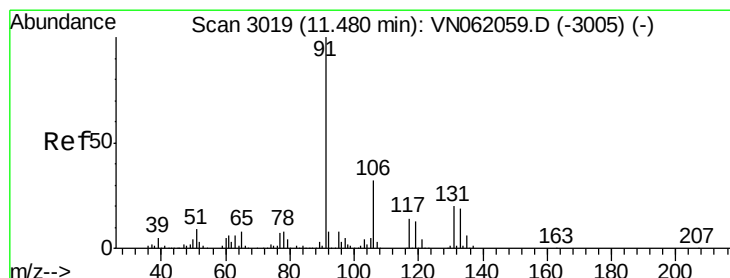
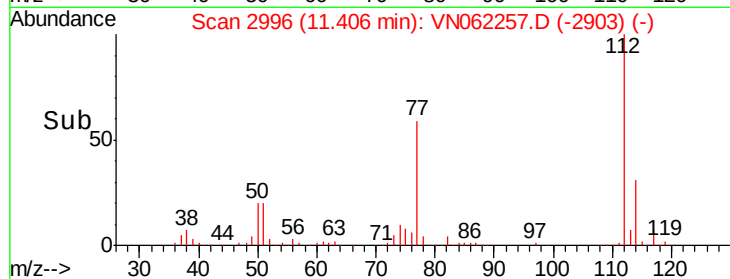
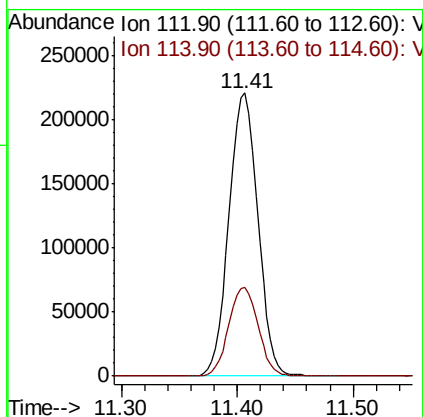
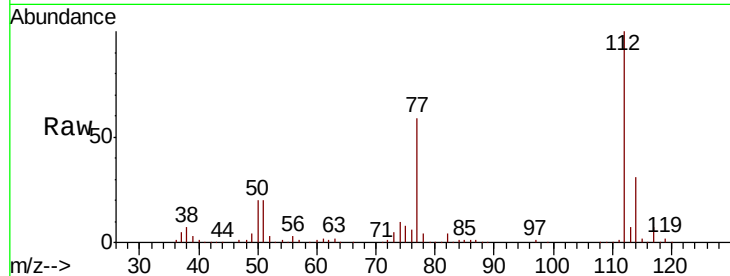




#65
Chlorobenzene
Concen: 47.457 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

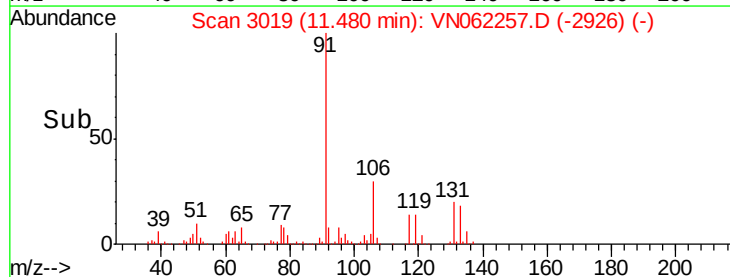
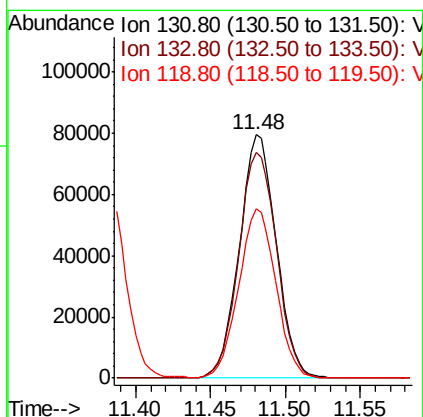
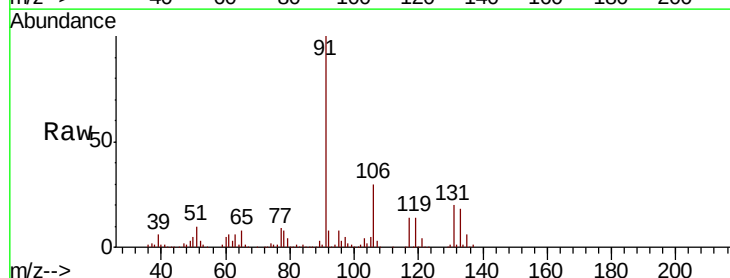
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

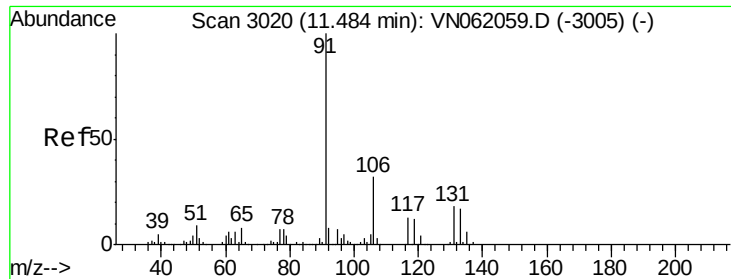
Tot Ion:112 Resp: 382529
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.973 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

Tgt Ion:131 Resp: 136499
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 70.0 34.4 103.3

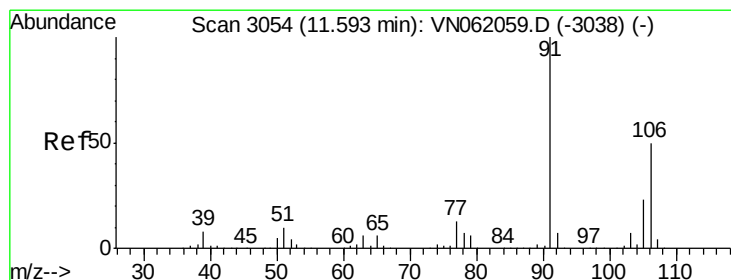
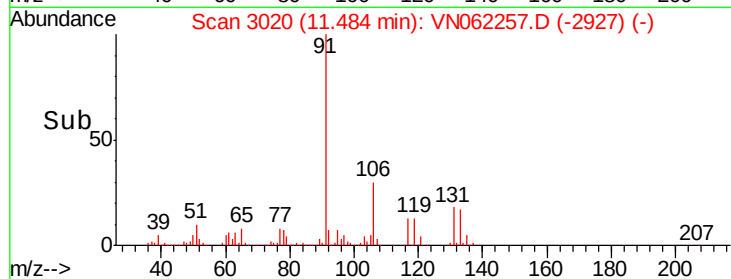
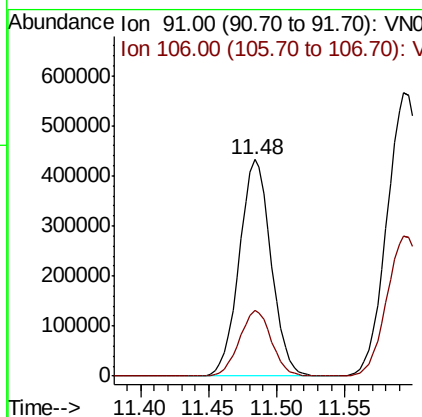
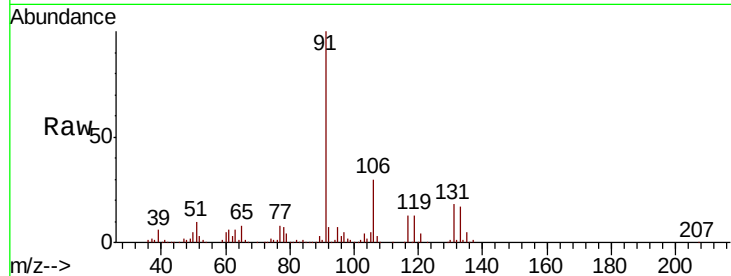




#67
Ethyl Benzene
Concen: 51.472 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

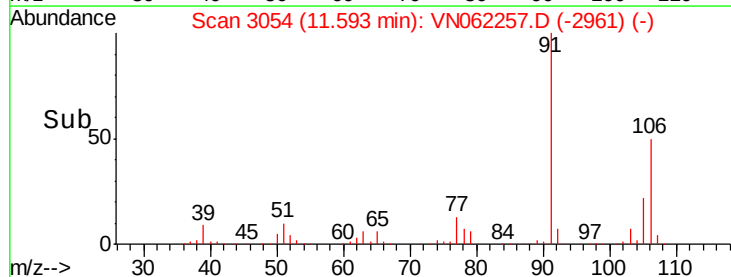
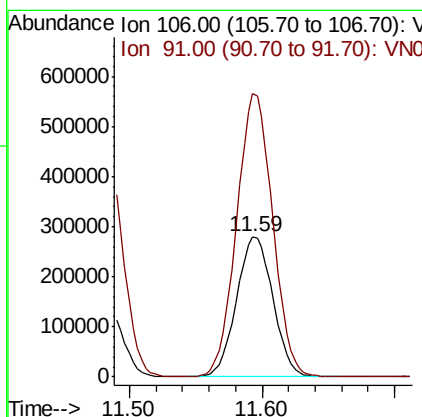
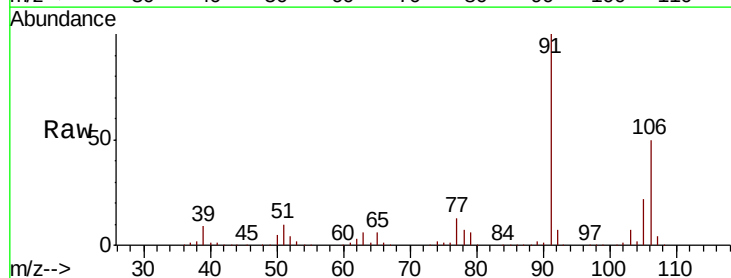
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

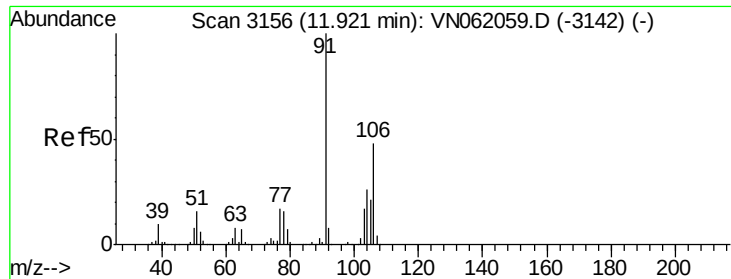
Tot Ion: 91 Resp: 700689
Ion Ratio Lower Upper
91 100
106 30.1 25.3 37.9



#68
m/p-Xylenes
Concen: 100.663 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

Tgt Ion: 106 Resp: 530021
Ion Ratio Lower Upper
106 100
91 201.4 157.8 236.8

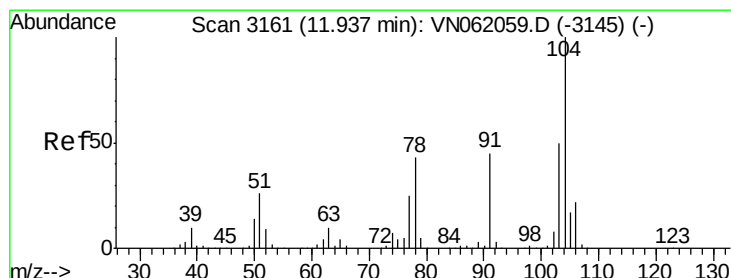
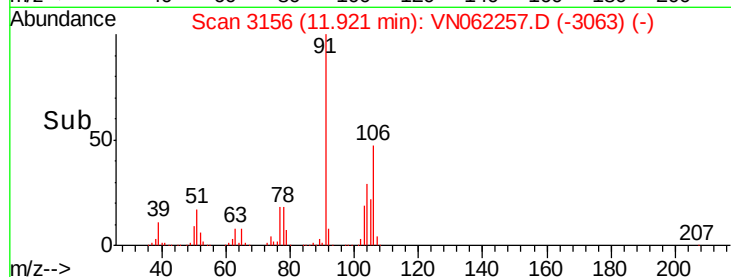
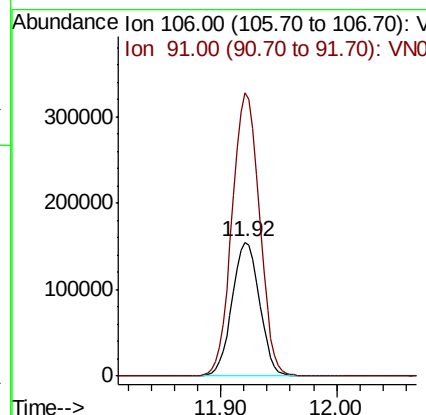
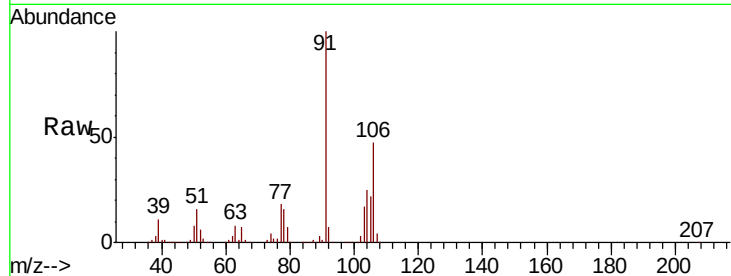




#69
o-Xylene
Concen: 51.174 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

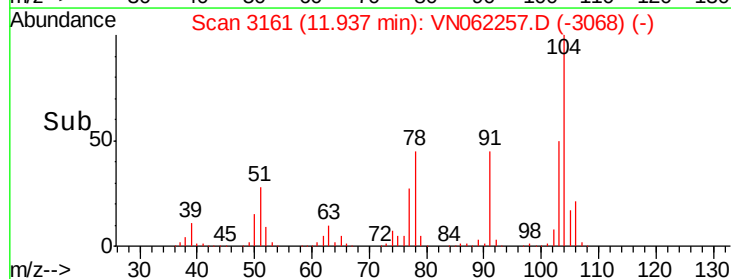
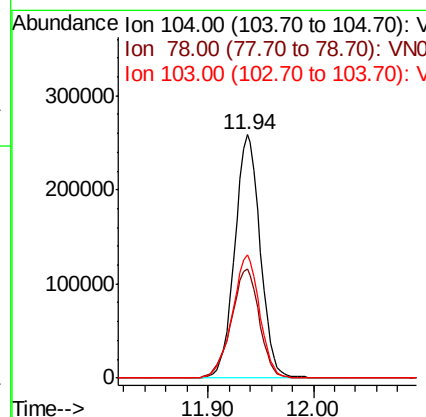
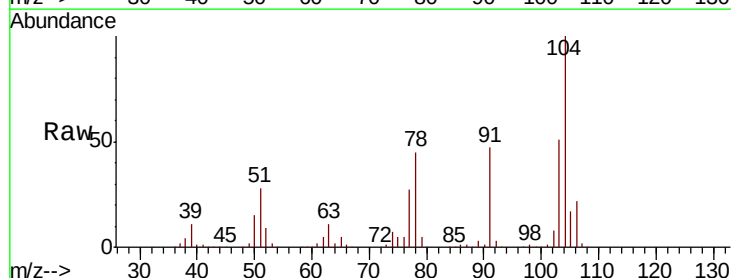
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

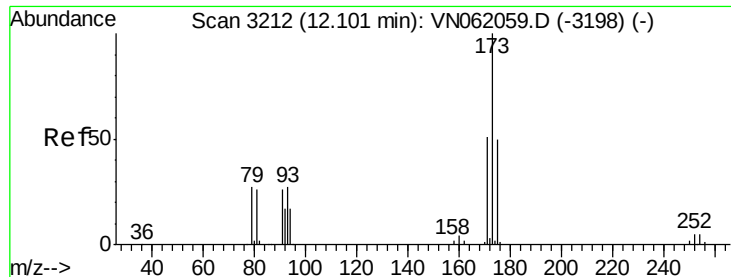
Tot Ion:106 Resp: 254226
Ion Ratio Lower Upper
106 100
91 211.8 104.0 311.9



#70
Styrene
Concen: 52.097 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

Tgt Ion:104 Resp: 431630
Ion Ratio Lower Upper
104 100
78 49.2 37.7 56.5
103 54.2 43.0 64.6





#71

Bromoform

Concen: 50.103 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

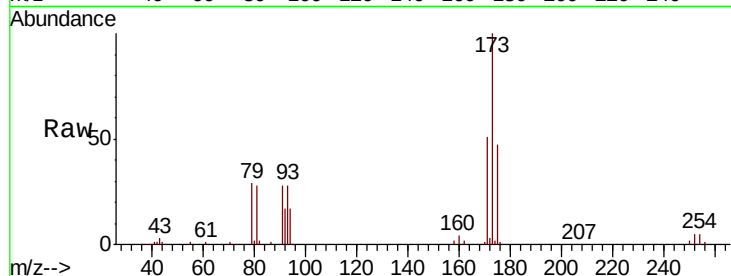
Tot Ion:173 Resp: 99289

Ion Ratio Lower Upper

173 100

175 48.0 24.7 74.1

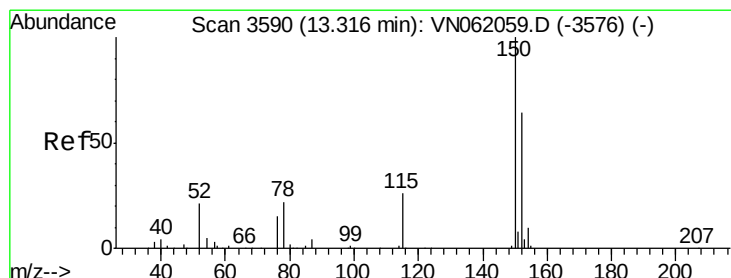
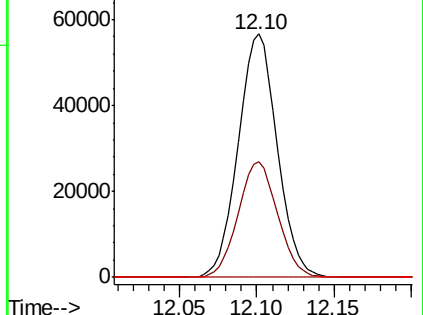
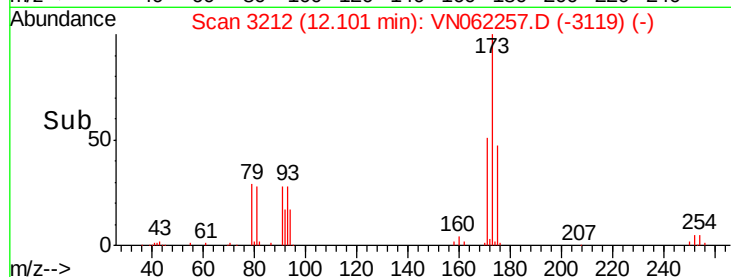
254 0.0 0.0 0.0



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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

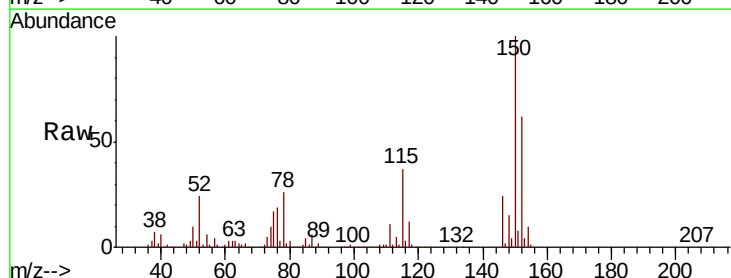
Tgt Ion:152 Resp: 173501

Ion Ratio Lower Upper

152 100

115 60.8 29.5 88.5

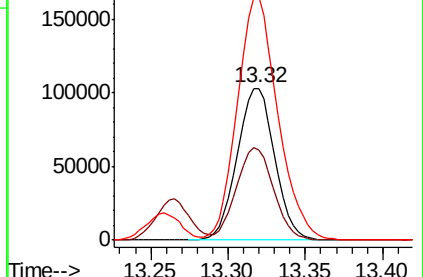
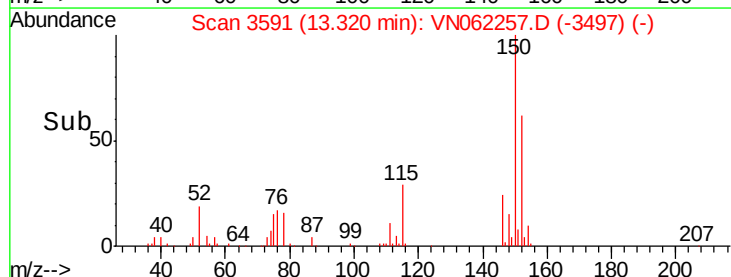
150 172.9 0.0 351.4

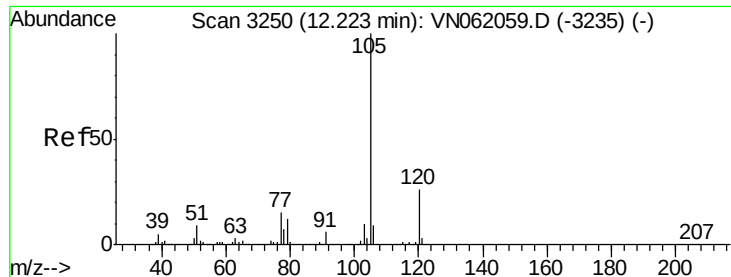


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.971 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

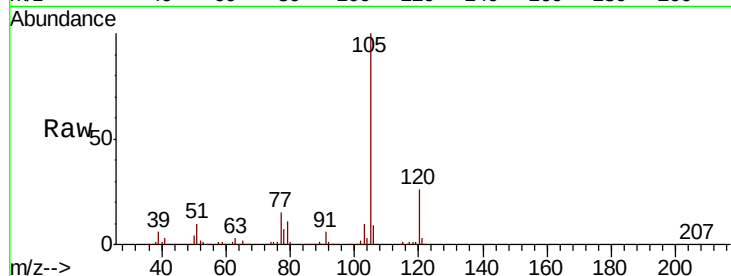
VSTDCCC050

Tot Ion:105 Resp: 671123

Ion Ratio Lower Upper

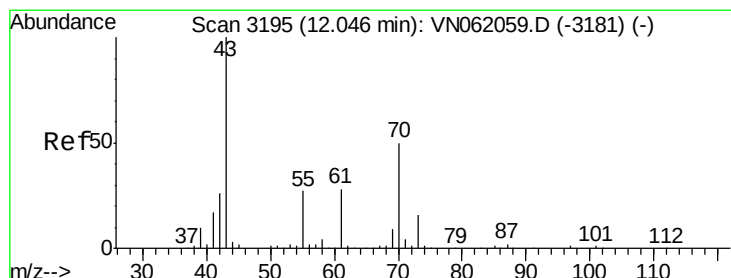
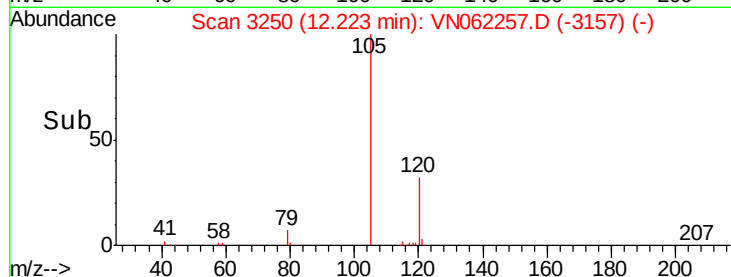
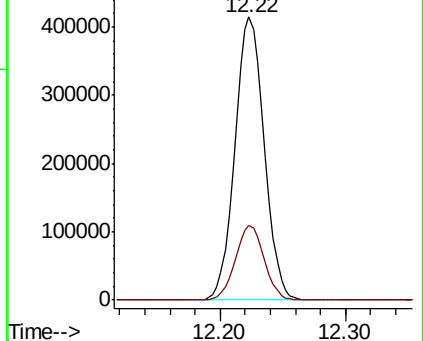
105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.145 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Tgt Ion: 43 Resp: 253263

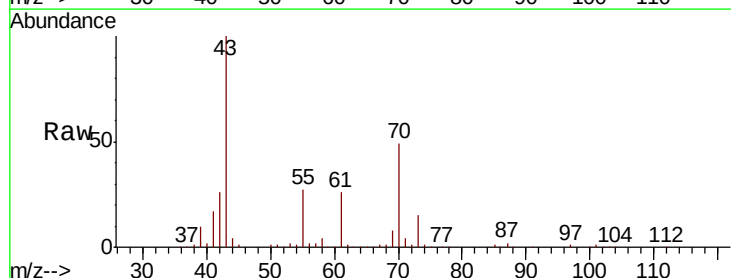
Ion Ratio Lower Upper

43 100

70 48.6 39.4 59.2

55 27.5 21.7 32.5

61 25.9 21.3 31.9

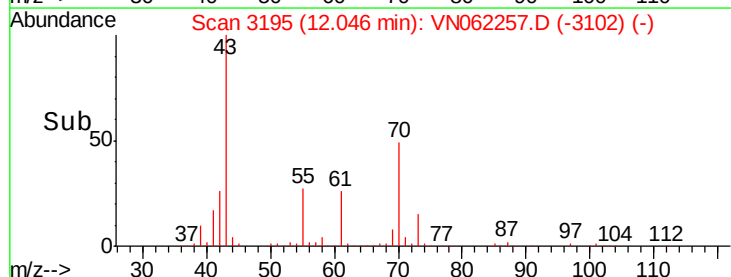
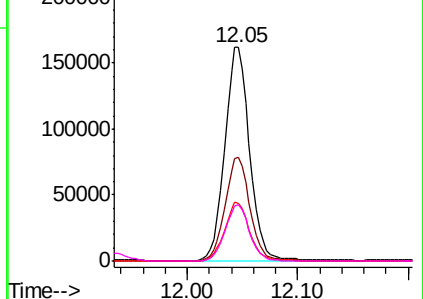


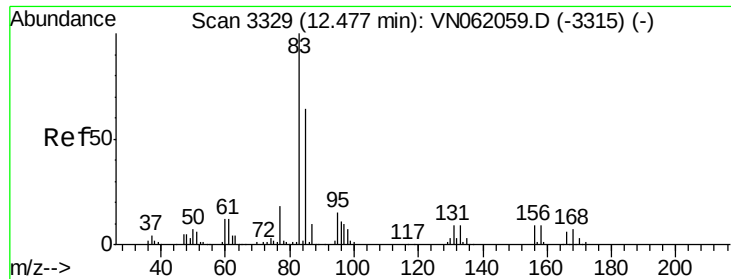
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.874 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

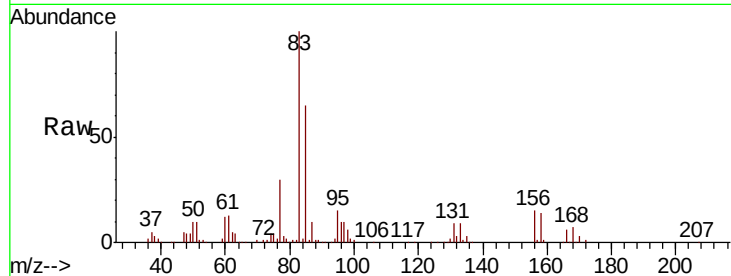
Tot Ion: 83 Resp: 227370

Ion Ratio Lower Upper

83 100

131 8.9 4.8 14.4

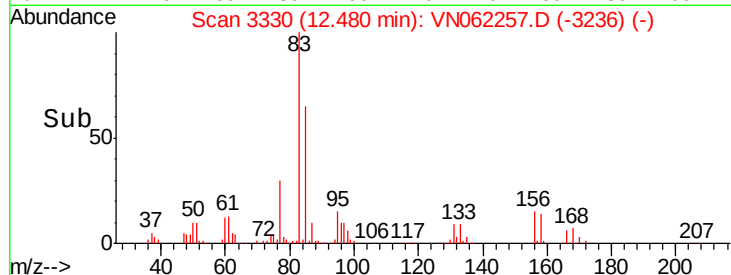
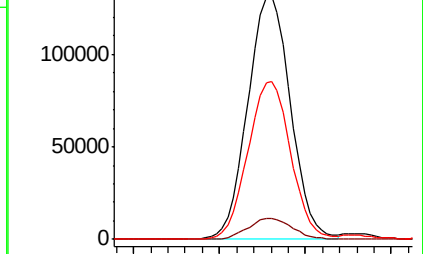
85 64.9 32.4 97.0



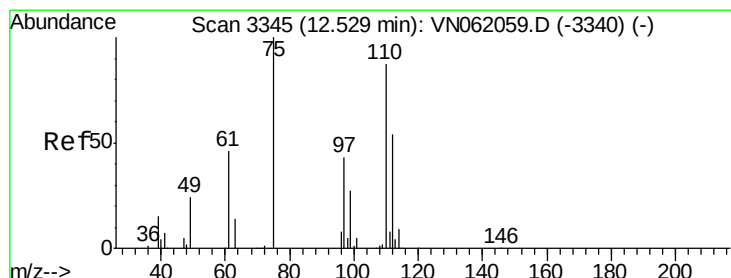
Abundance Ion 82.90 (82.60 to 83.60): VN062257.D (-3330) (-)

Ion 130.80 (130.50 to 131.50): VN062257.D (-3330) (-)

Ion 84.90 (84.60 to 85.60): VN062257.D (-3330) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 68.463 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062257.D

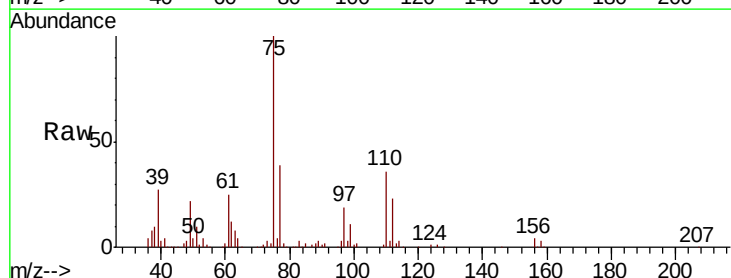
Acq: 30 Jun 2020 22:40

Tgt Ion: 75 Resp: 279626

Ion Ratio Lower Upper

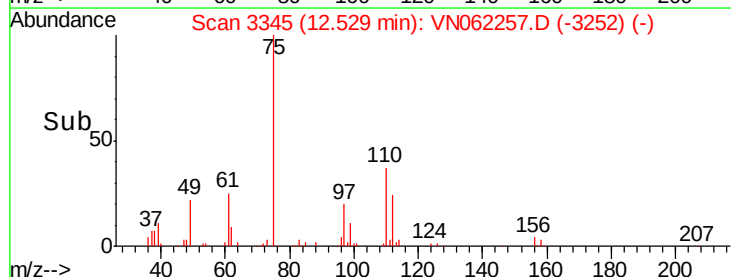
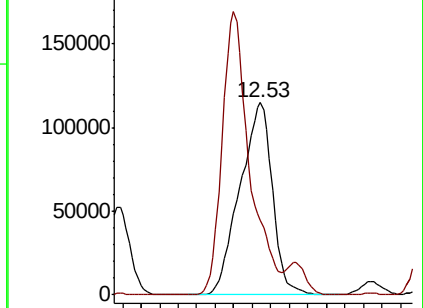
75 100

77 0.0 0.0 0.0

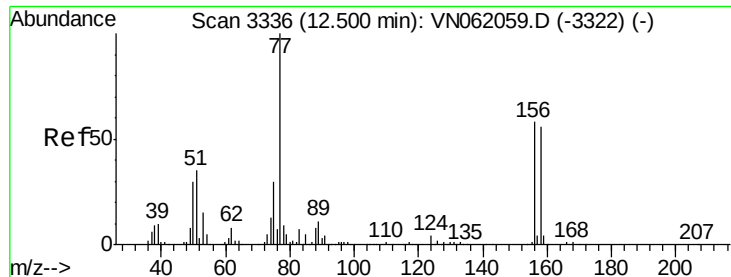


Abundance Ion 74.90 (74.60 to 75.60): VN062257.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN062257.D (-3345) (-)



Time-->



#77

Bromobenzene

Concen: 45.676 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

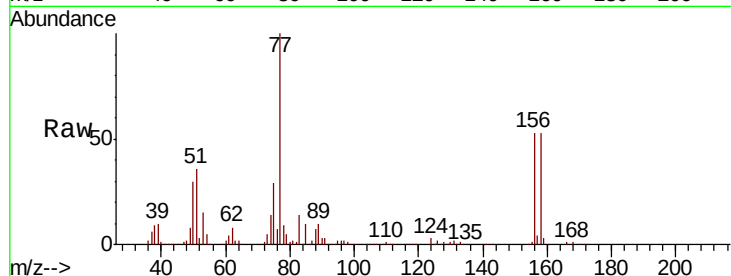
VSTDCCC050

Tot Ion:156 Resp: 152297

Ion	Ratio	Lower	Upper
156	100		
77	229.6	104.6	313.8
158	98.6	48.0	144.0

77 229.6 104.6 313.8

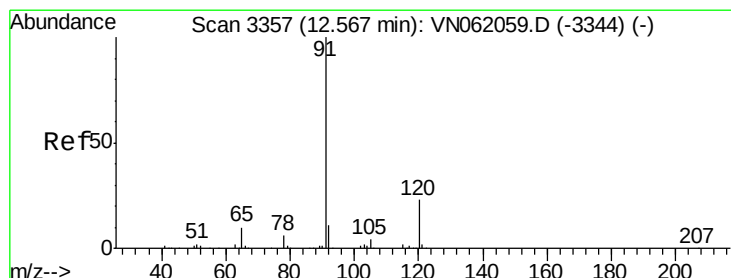
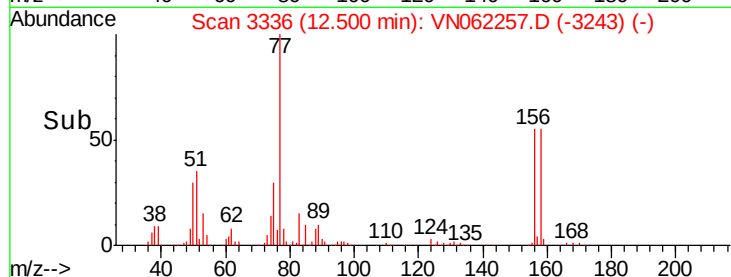
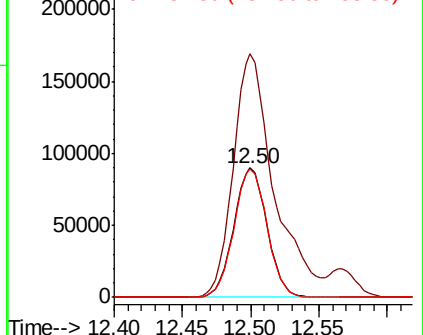
158 98.6 48.0 144.0



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: 51.490 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062257.D

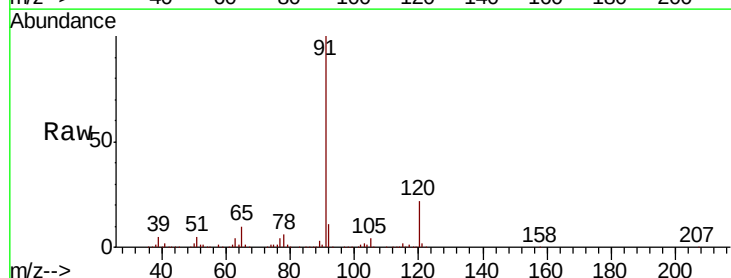
Acq: 30 Jun 2020 22:40

Tgt Ion: 91 Resp: 791014

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.4	34.1

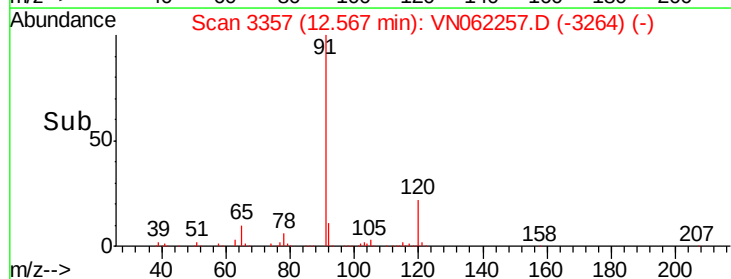
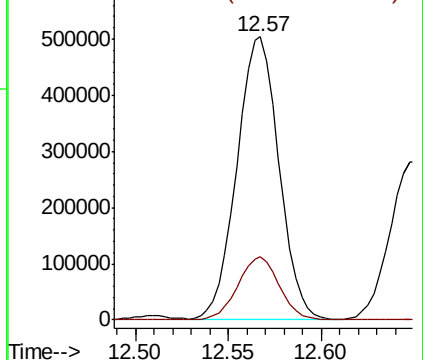
91 100

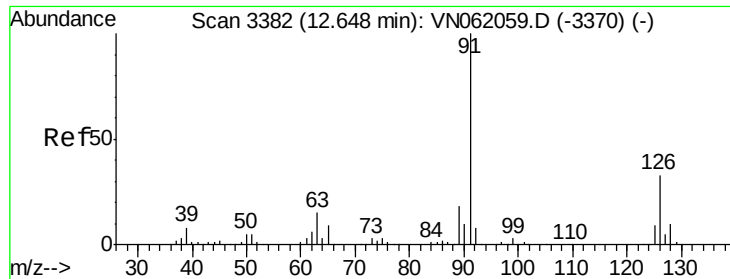
120 22.0 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

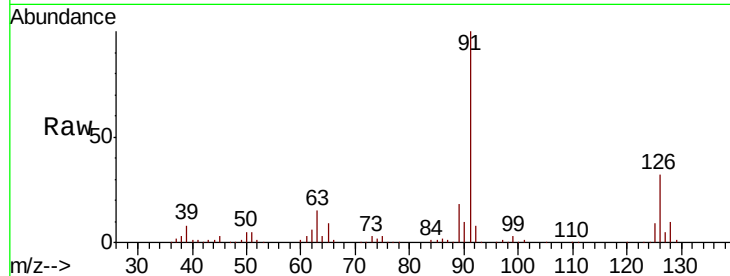




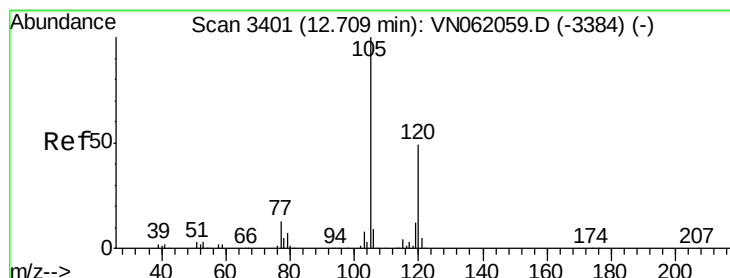
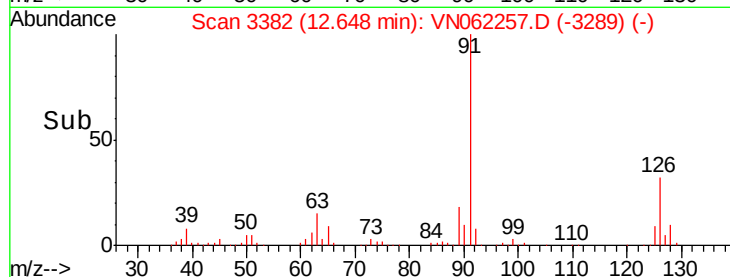
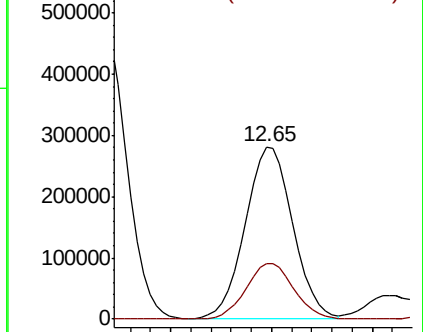
#79
 2-Chlorotoluene
 Concen: 49.631 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 91 Resp: 460935
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.9 50.7

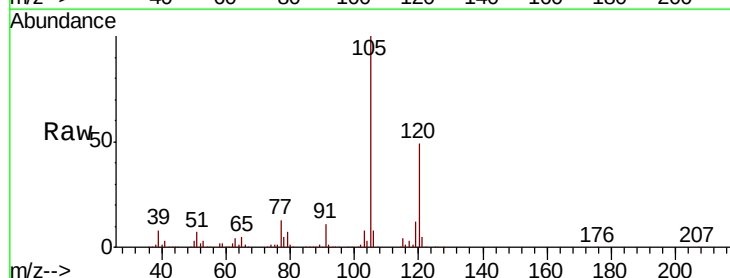


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

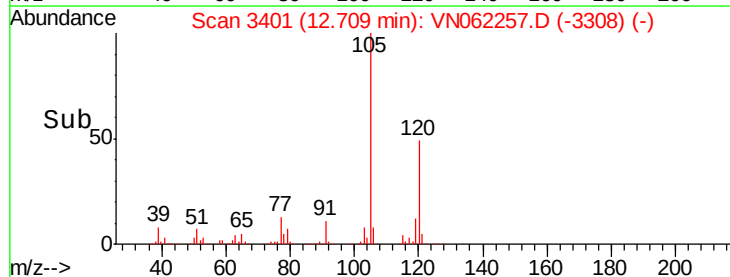
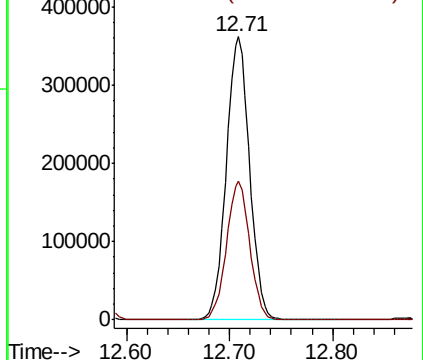


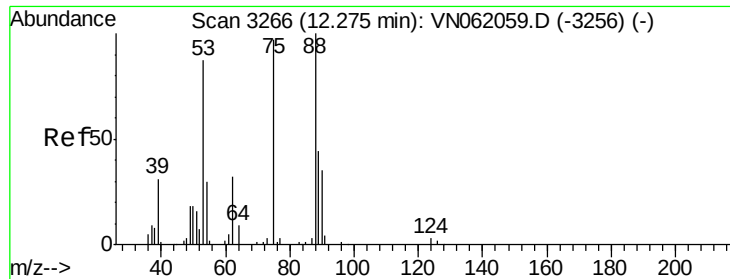
#80
 1,3,5-Trimethylbenzene
 Concen: 52.071 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Tgt Ion: 105 Resp: 566915
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)
 Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)

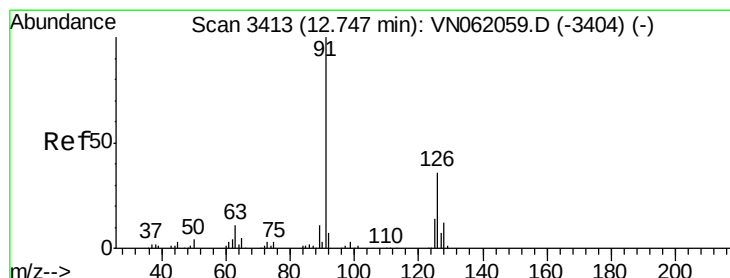
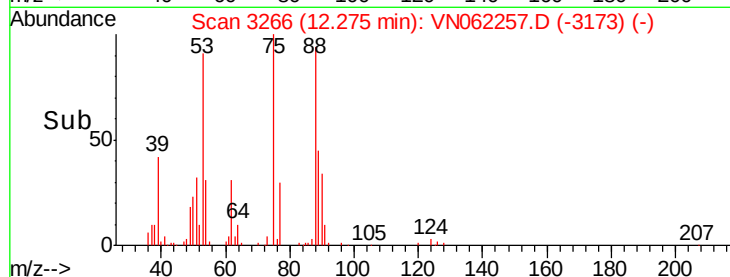
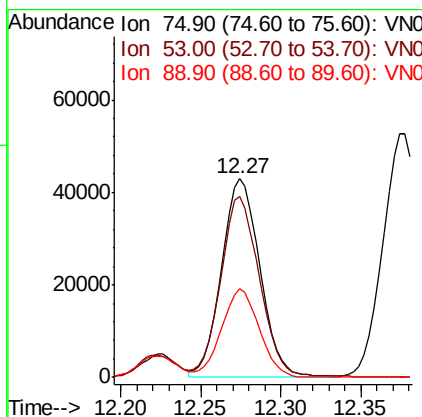
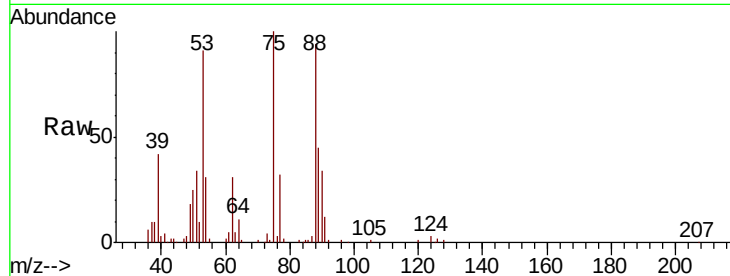




#81
trans-1,4-Dichloro-2-butene
Concen: 49.842 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

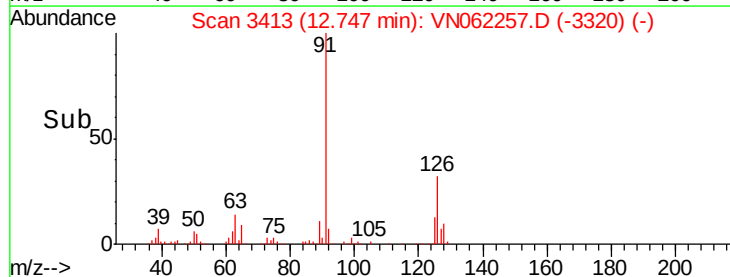
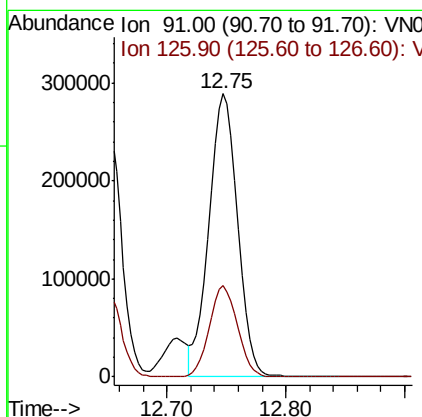
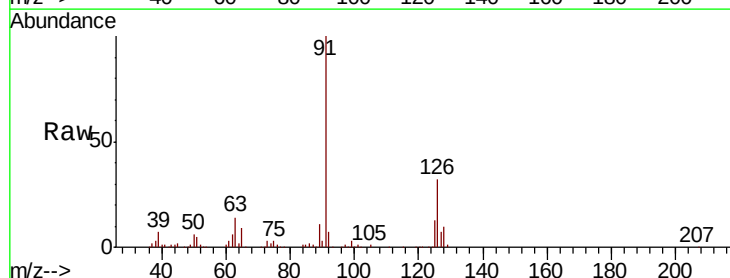
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

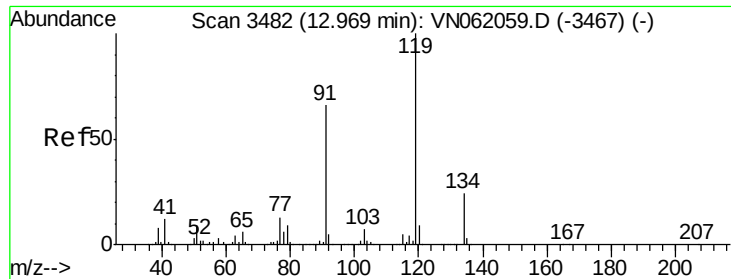
Tot Ion: 75 Resp: 69708
Ion Ratio Lower Upper
75 100
53 93.9 72.0 108.0
89 44.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.120 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062257.D
Acq: 30 Jun 2020 22:40

Tgt Ion: 91 Resp: 481354
Ion Ratio Lower Upper
91 100
126 31.6 16.7 50.1

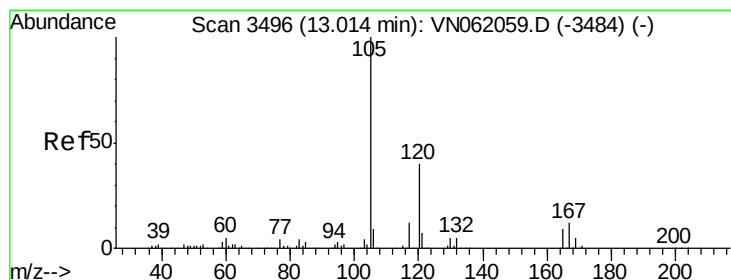
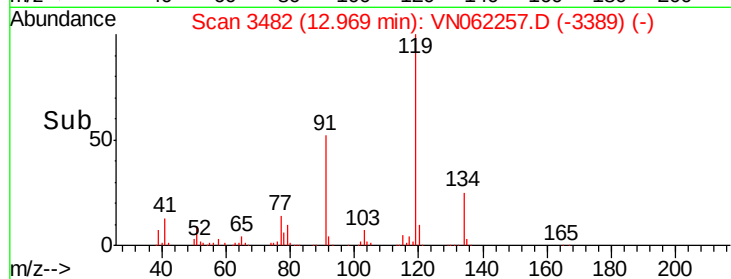
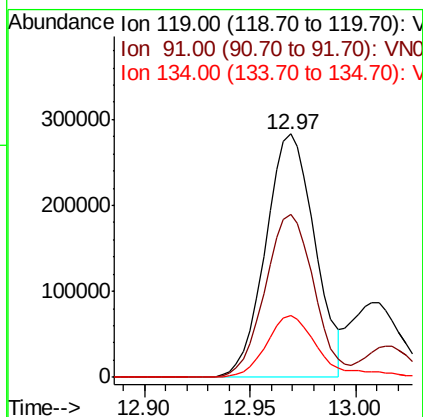
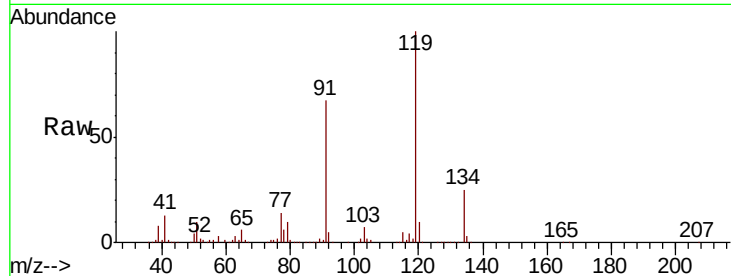




#83
 tert-Butylbenzene
 Concen: 49.283 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

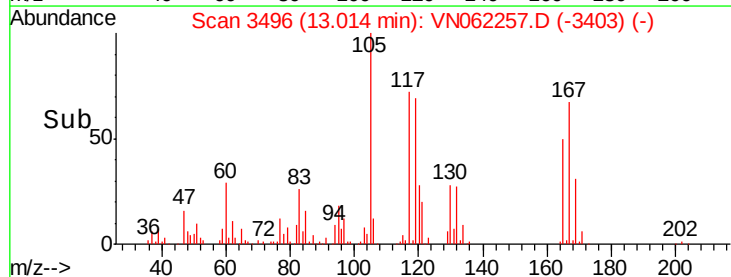
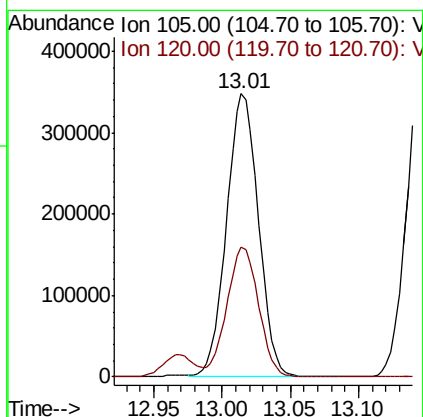
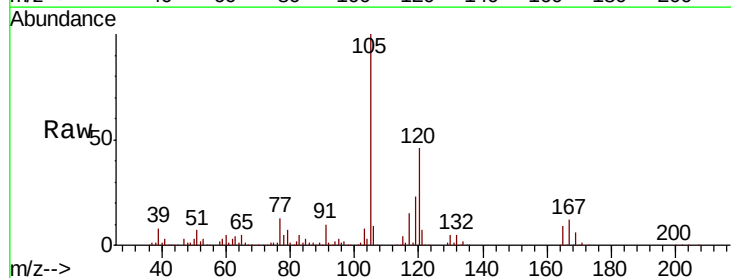
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

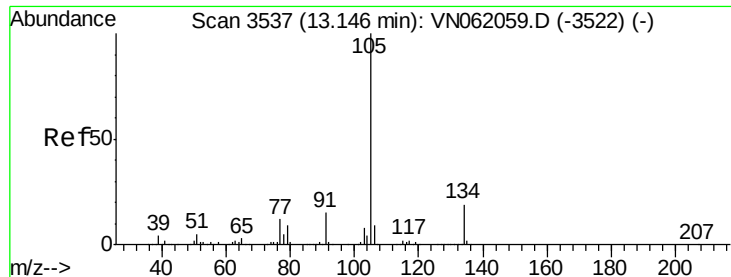
Tot Ion:119 Resp: 459189
 Ion Ratio Lower Upper
 119 100
 91 67.1 31.7 95.1
 134 27.2 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.771 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Tgt Ion:105 Resp: 562939
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.2 69.5





#85

sec-Butylbenzene

Concen: 52.489 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

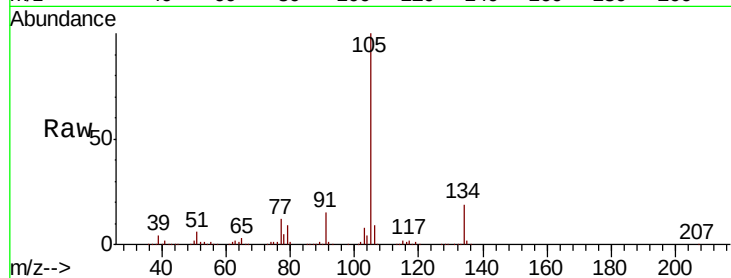
VSTDCCC050

Tot Ion:105 Resp: 646238

Ion Ratio Lower Upper

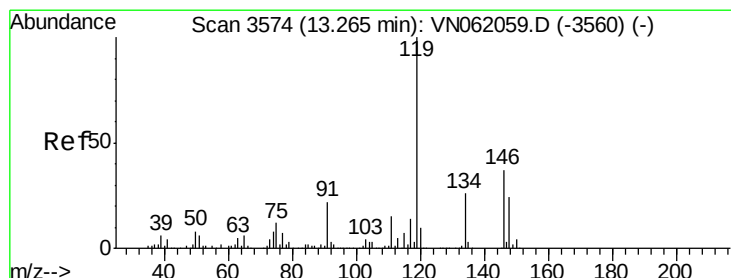
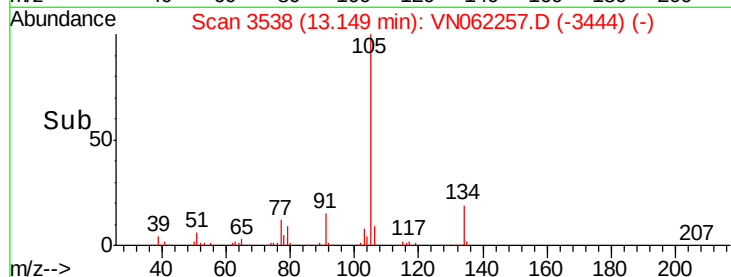
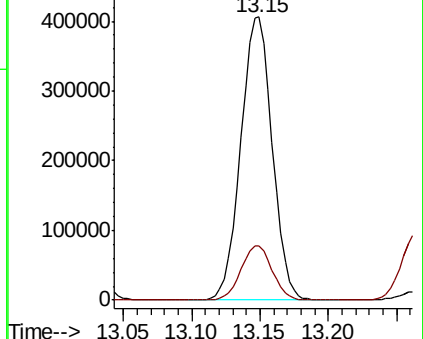
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.181 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

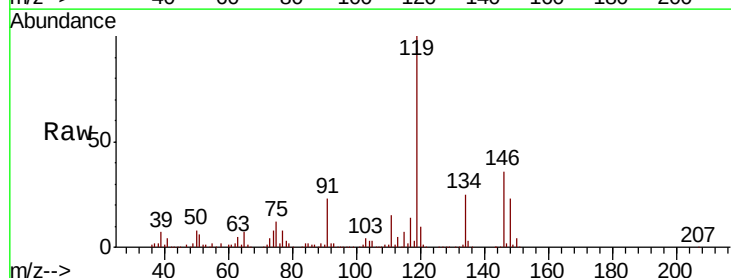
Tgt Ion:119 Resp: 573641

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

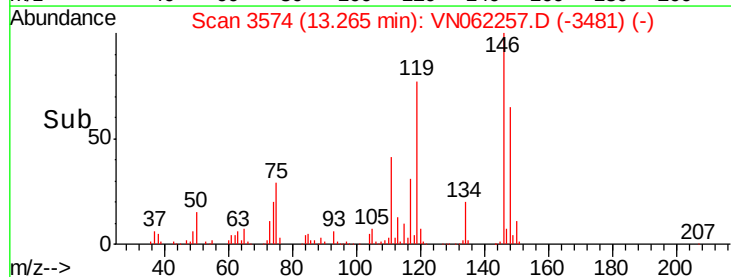
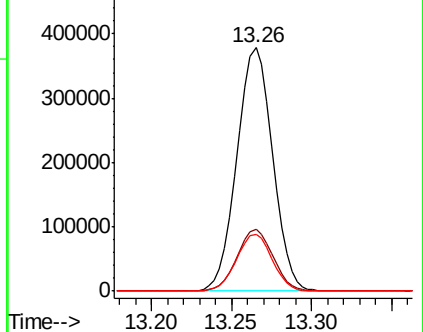
91 23.3 11.3 33.8

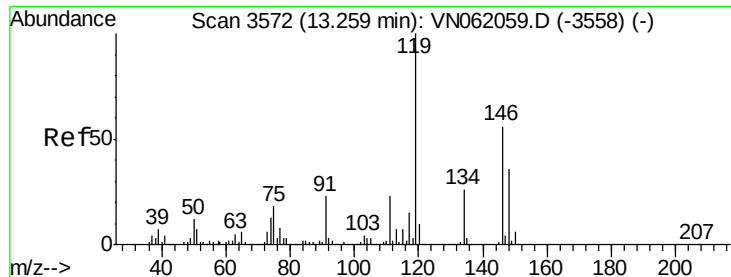


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

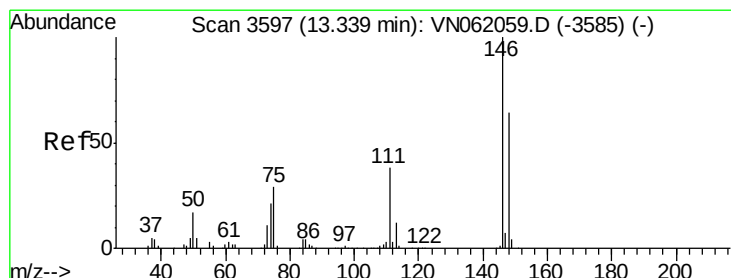
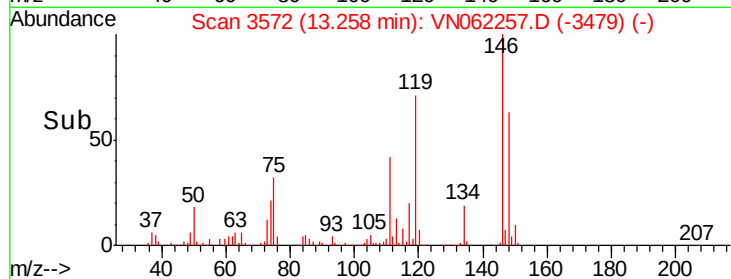
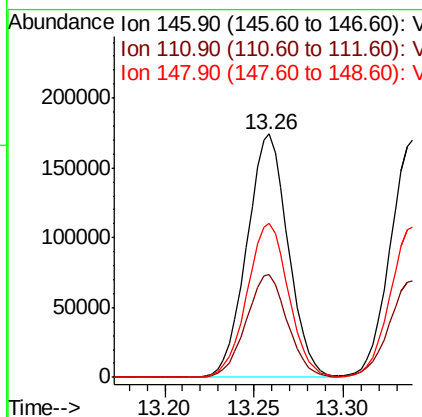
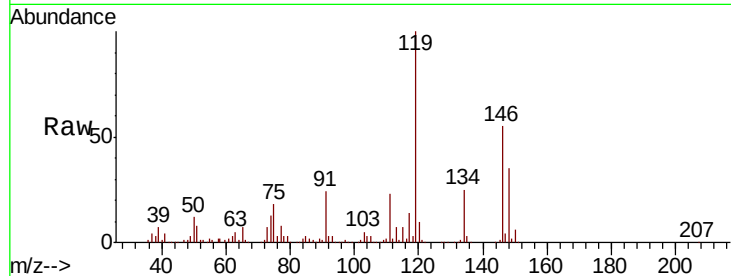




#87
 1,3-Dichlorobenzene
 Concen: 48.026 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

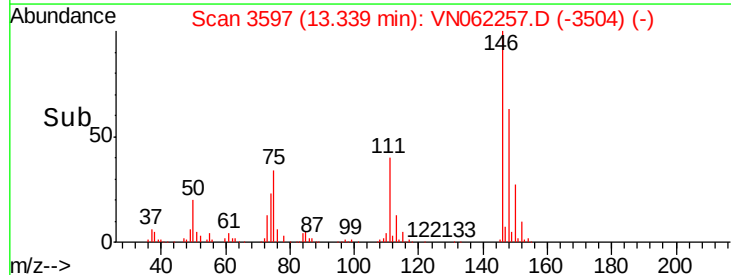
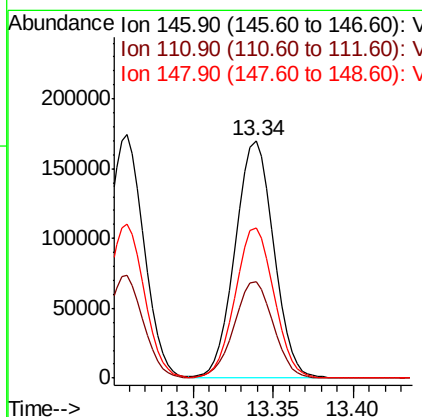
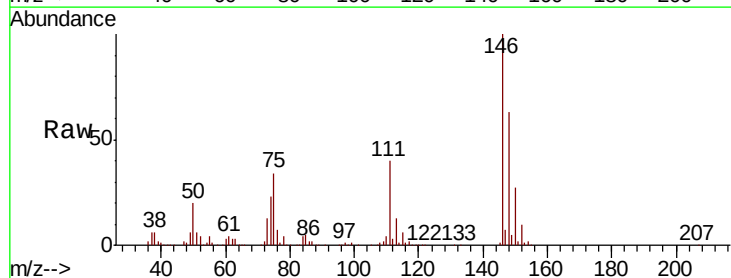
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

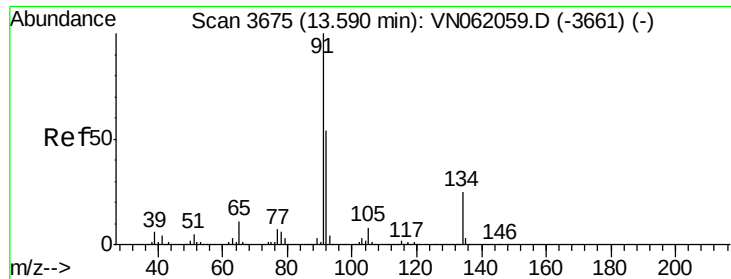
Tot Ion:146 Resp: 281194
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.3 61.0
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 46.134 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Tgt Ion:146 Resp: 278441
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.9 59.6
 148 63.8 31.9 95.9





#89

n-Butylbenzene

Concen: 53.795 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

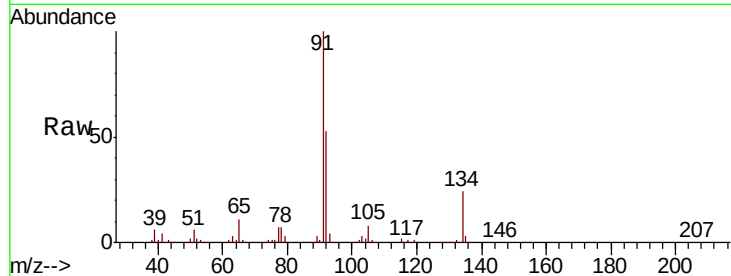
Tot Ion: 91 Resp: 482426

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 23.9 12.3 36.9

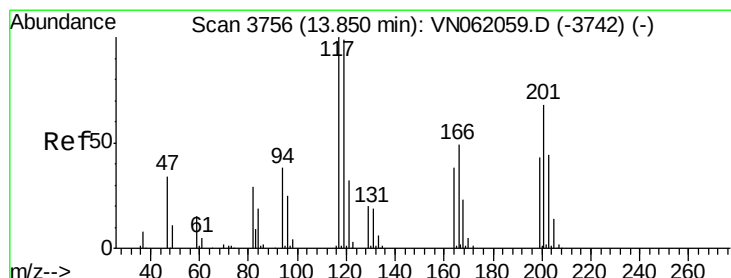
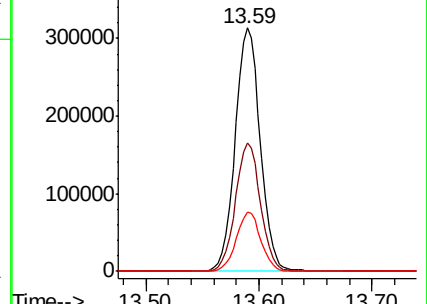
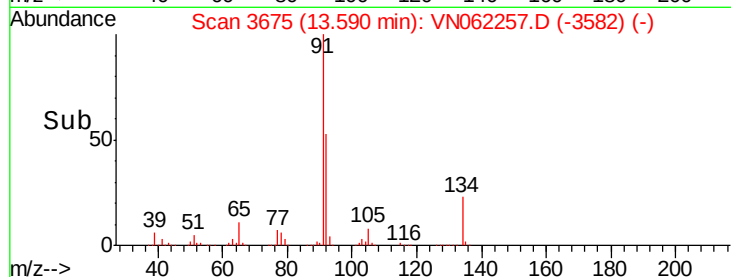


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062059.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062059.D (-3661) (-)

Time-->



#90

Hexachloroethane

Concen: 50.595 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062257.D

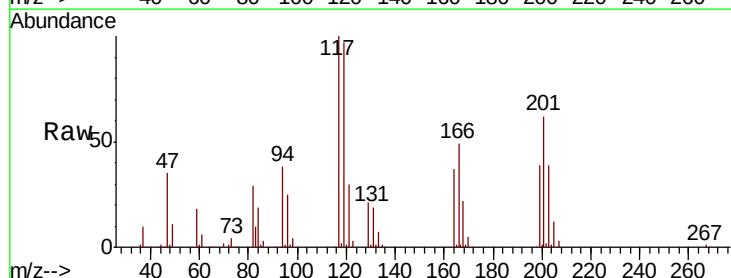
Acq: 30 Jun 2020 22:40

Tgt Ion: 117 Resp: 107076

Ion Ratio Lower Upper

117 100

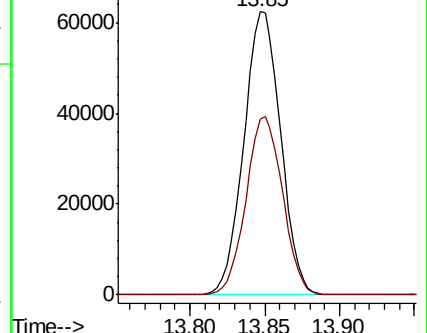
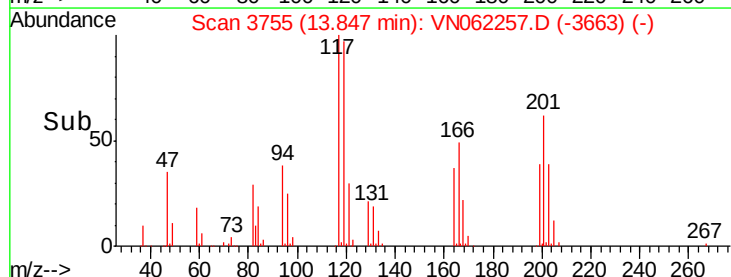
201 62.3 32.7 98.1

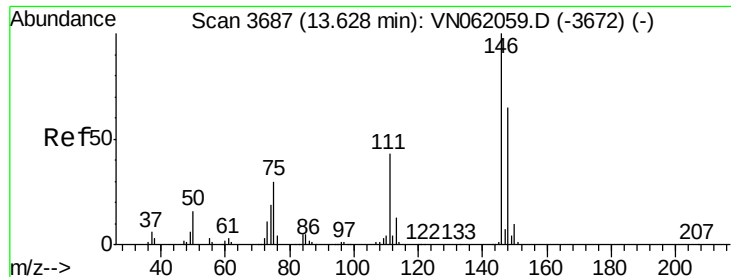


Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062059.D (-3742) (-)

Time-->

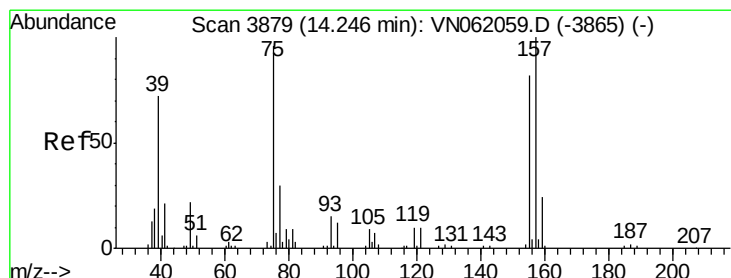
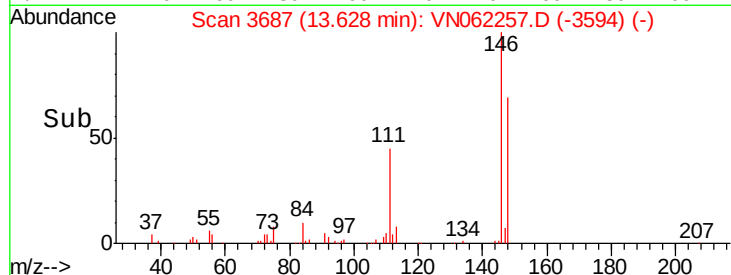
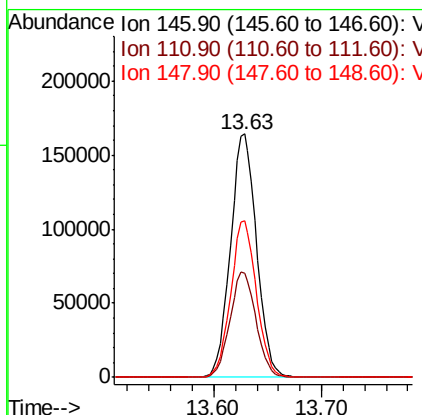
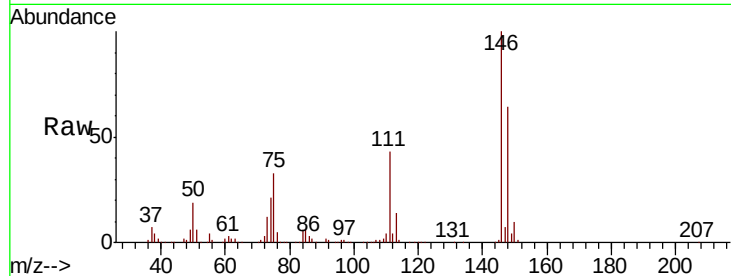




#91
 1,2-Dichlorobenzene
 Concen: 48.823 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

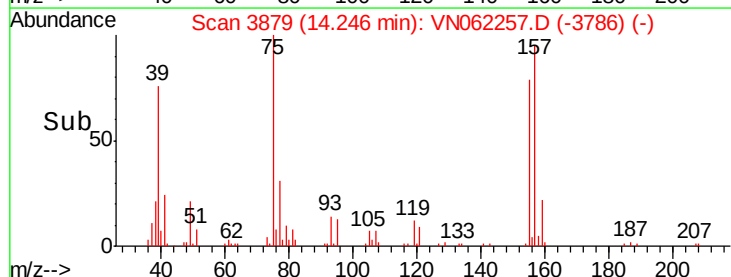
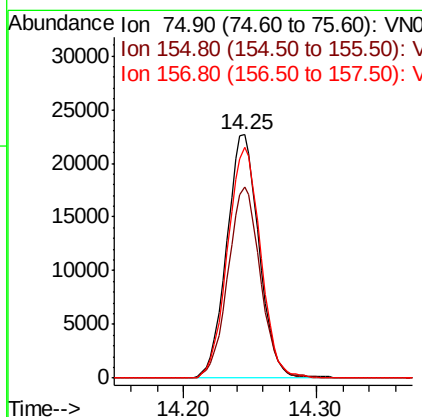
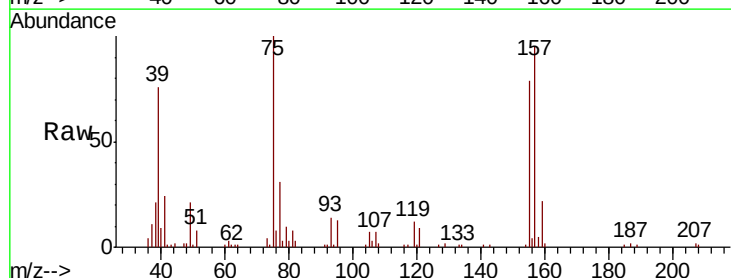
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

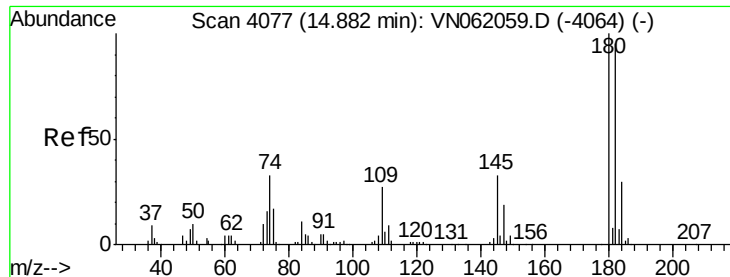
Tot Ion:146 Resp: 277201
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.2 63.6
 148 63.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.703 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Tgt Ion: 75 Resp: 38449
 Ion Ratio Lower Upper
 75 100
 155 78.5 40.8 122.4
 157 96.3 51.4 154.3

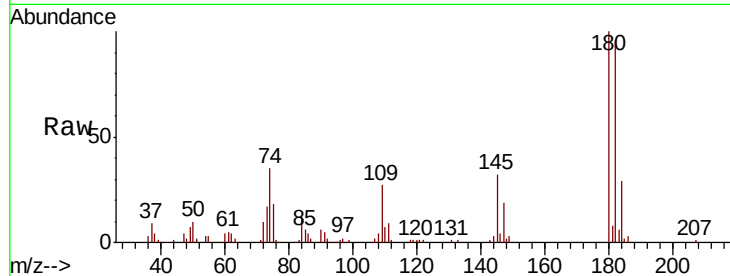




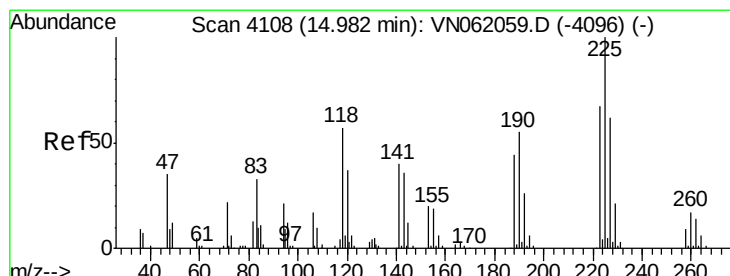
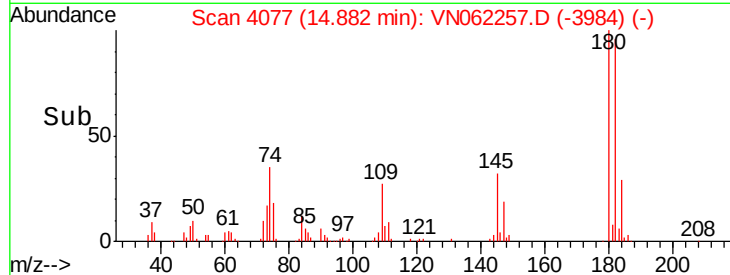
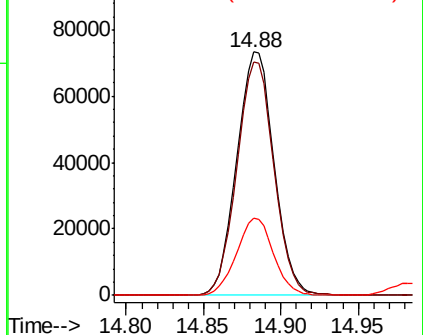
#93
 1,2,4-Trichlorobenzene
 Concen: 49.528 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 122845
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.0 144.2
 145 31.4 16.0 48.0

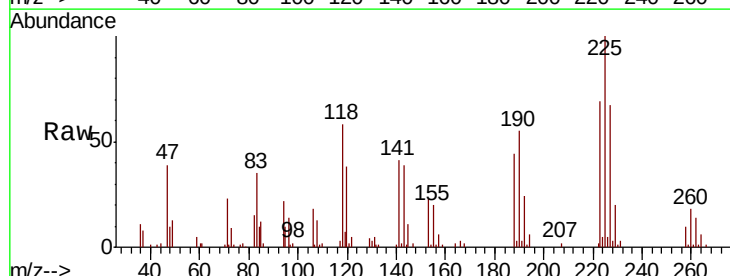


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

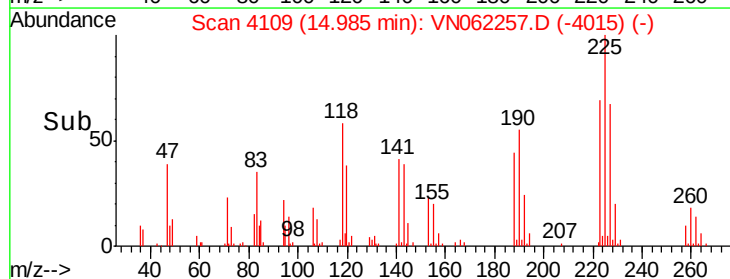
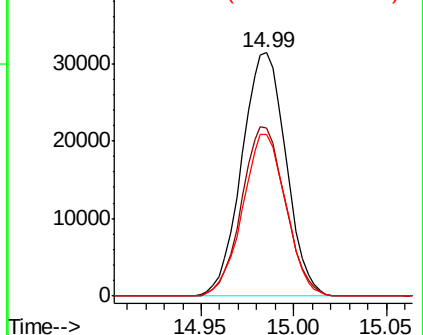


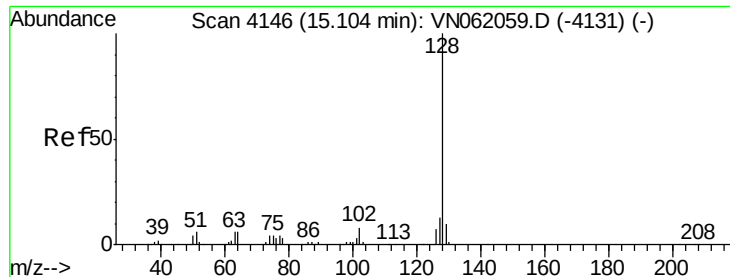
#94
 Hexachlorobutadiene
 Concen: 48.229 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062257.D
 Acq: 30 Jun 2020 22:40

Tgt Ion:225 Resp: 51956
 Ion Ratio Lower Upper
 225 100
 223 68.6 32.9 98.7
 227 65.3 31.3 93.8



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





#95

Naphthalene

Concen: 44.936 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

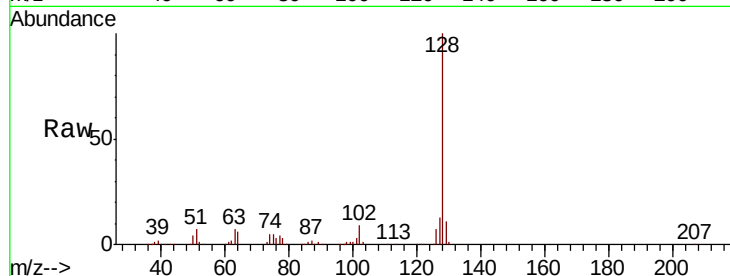
Tot Ion:128 Resp: 367984

Ion Ratio Lower Upper

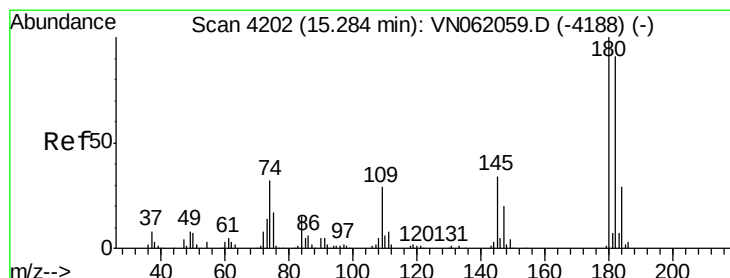
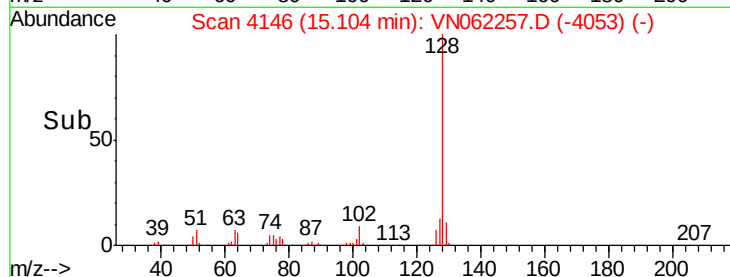
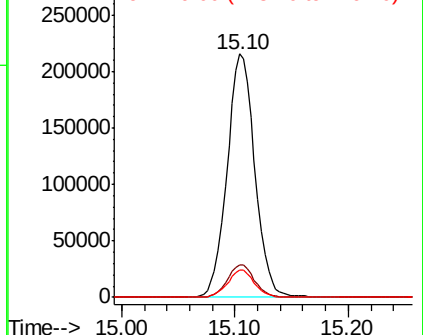
128 100

127 13.1 10.5 15.7

129 10.9 8.6 13.0



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: 48.831 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

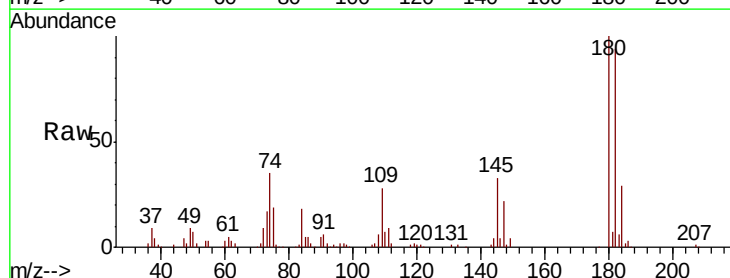
Tgt Ion:180 Resp: 123842

Ion Ratio Lower Upper

180 100

182 94.2 46.8 140.4

145 33.2 16.4 49.2



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

