

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062177.D
 Acq On : 27 Jun 2020 7:05
 Operator : JC/MD
 Sample : L3088-09MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622MS

Quant Time: Jun 27 07:26:01 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	223268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	394329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178852	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	165502	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
35) Dibromofluoromethane	7.55	113	130890	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	10.06	98	521218	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.37	95	176829	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	162189	64.268	ug/l	97
3) Chloromethane	2.03	50	148963	50.142	ug/l	98
4) Vinyl Chloride	2.16	62	563627	141.820	ug/l	98
5) Bromomethane	2.52	94	114277	44.491	ug/l	97
6) Chloroethane	2.66	64	127134	46.829	ug/l	98
7) Trichlorofluoromethane	2.98	101	207296	42.331	ug/l	99
8) Diethyl Ether	3.37	74	89848	52.543	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	209636	81.747	ug/l	99
10) Methyl Iodide	3.91	142	158976	55.045	ug/l	100
11) Tert butyl alcohol	4.73	59	123703	274.982	ug/l	100
12) 1,1-Dichloroethene	3.70	96	157084	61.273	ug/l	98
13) Acrolein	3.56	56	126142	286.401	ug/l	99
14) Allyl chloride	4.27	41	176226	50.489	ug/l	97
15) Acrylonitrile	4.93	53	330957	269.975	ug/l	100
16) Acetone	3.77	43	265374	270.162	ug/l	99
17) Carbon Disulfide	4.01	76	346111	47.138	ug/l	99
18) Methyl Acetate	4.28	43	117767	47.283	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	440253	53.742	ug/l	98
20) Methylene Chloride	4.50	84	152852	53.156	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	159076	54.469	ug/l	98
22) Diisopropyl ether	5.90	45	418110	52.611	ug/l	99
23) Vinyl Acetate	5.84	43	1490849	229.768	ug/l	99
24) 1,1-Dichloroethane	5.80	63	259822	50.770	ug/l	99
25) 2-Butanone	6.79	43	424790	277.374	ug/l #	81
26) 2,2-Dichloropropane	6.77	77	139360	32.679	ug/l #	1
27) cis-1,2-Dichloroethene	6.78	96	6170246	1877.544	ug/l	86
28) Bromochloromethane	7.15	49	113065	50.921	ug/l	98
29) Tetrahydrofuran	7.17	42	280628	279.737	ug/l	99
30) Chloroform	7.33	83	267191	51.316	ug/l	100
31) Cyclohexane	7.62	56	207530	47.942	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	222815	50.744	ug/l	99
36) 1,1-Dichloropropene	7.75	75	198218	47.212	ug/l	98
37) Ethyl Acetate	6.88	43	154983	44.580	ug/l #	80
38) Carbon Tetrachloride	7.73	117	182295	46.055	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	225656	49.054	ug/l	98
40) Benzene	8.00	78	612130	47.835	ug/l	98
41) Methacrylonitrile	7.13	41	76364	47.380	ug/l	96
42) 1,2-Dichloroethane	8.09	62	209264	48.401	ug/l	99
43) Isopropyl Acetate	8.13	43	269348	47.527	ug/l	99
44) Trichloroethene	8.81	130	12910423	3999.529	ug/l	96
45) 1,2-Dichloropropane	9.09	63	164500	52.107	ug/l	97
46) Dibromomethane	9.18	93	107199	50.082	ug/l	99
47) Bromodichloromethane	9.37	83	224062	51.844	ug/l	99
48) Methyl methacrylate	9.17	41	140578	55.323	ug/l	97
49) 1,4-Dioxane	9.17	88	56883	1009.440	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	901310	272.204	ug/l	99
52) Toluene	10.12	92	391221	50.106	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	231295	48.644	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	246411	48.676	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	154109	50.211	ug/l	97
56) Ethyl methacrylate	10.40	69	226419	55.278	ug/l	100
57) 1,3-Dichloropropane	10.68	76	269088	50.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	1309	16.805	ug/l #	46
59) 2-Hexanone	10.72	43	649058	271.461	ug/l	100
60) Dibromochloromethane	10.87	129	165241	50.852	ug/l	98
61) 1,2-Dibromoethane	10.98	107	156601	49.657	ug/l	100
64) Tetrachloroethene	10.60	164	144755	53.740	ug/l	98
65) Chlorobenzene	11.41	112	410699	47.427	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	144498	48.256	ug/l	99
67) Ethyl Benzene	11.48	91	727070	49.715	ug/l	99
68) m/p-Xylenes	11.60	106	553992	97.936	ug/l	99
69) o-Xylene	11.92	106	265694	49.782	ug/l	98
70) Styrene	11.94	104	448986	50.443	ug/l	99
71) Bromoform	12.10	173	106621	50.080	ug/l #	98
73) Isopropylbenzene	12.22	105	696748	50.326	ug/l	100
74) N-amyl acetate	12.05	43	221766	43.948	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	228117	49.514	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	273369	64.928	ug/l #	100
77) Bromobenzene	12.50	156	164835	47.957	ug/l	97
78) n-propylbenzene	12.56	91	790943	49.945	ug/l	100
79) 2-Chlorotoluene	12.65	91	468263	48.911	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	570694	50.850	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	65851	45.676	ug/l	98
82) 4-Chlorotoluene	12.75	91	489298	49.423	ug/l	98
83) tert-Butylbenzene	12.97	119	474417	49.394	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	565590	50.458	ug/l	100
85) sec-Butylbenzene	13.15	105	643042	50.667	ug/l	99
86) p-Isopropyltoluene	13.26	119	571098	51.361	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	294548	48.802	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	293971	47.250	ug/l	100
89) n-Butylbenzene	13.59	91	469163	50.751	ug/l	100
90) Hexachloroethane	13.85	117	110496	50.649	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	283220	48.391	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	37403	50.679	ug/l	99

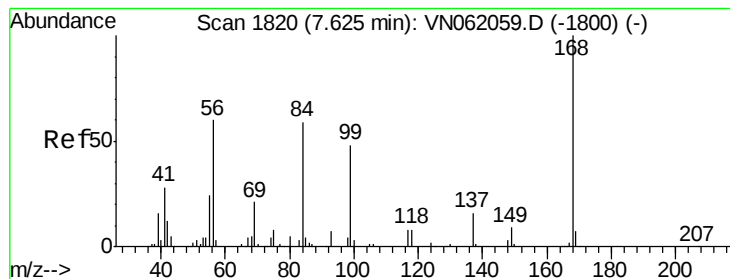
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	129893	50.803	ug/l	98
94) Hexachlorobutadiene	14.99	225	51892	46.728	ug/l	98
95) Naphthalene	15.10	128	387707	45.840	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	128927	49.315	ug/l	98

(#) = 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: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

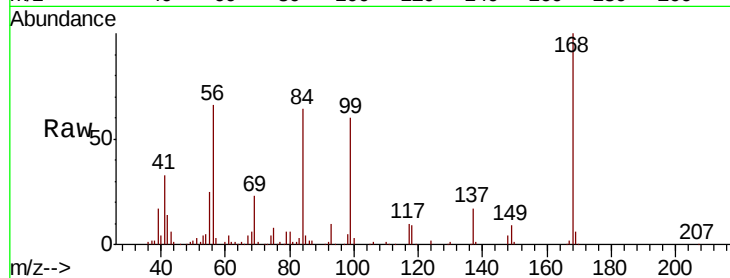
56BR-20200622MS

Tot Ion:168 Resp: 223268

Ion Ratio Lower Upper

168 100

99 59.4 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

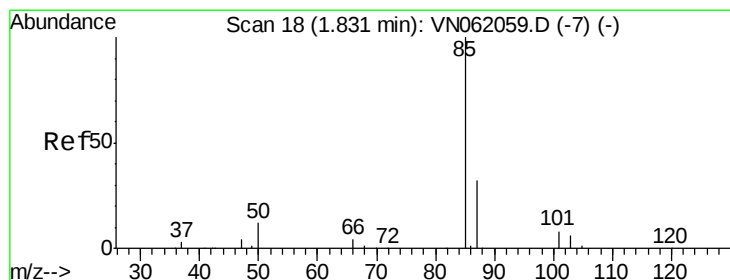
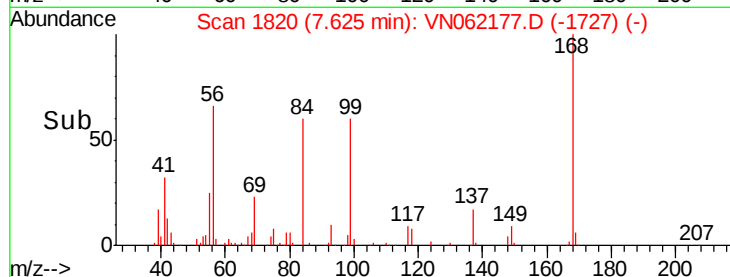
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 64.268 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062177.D

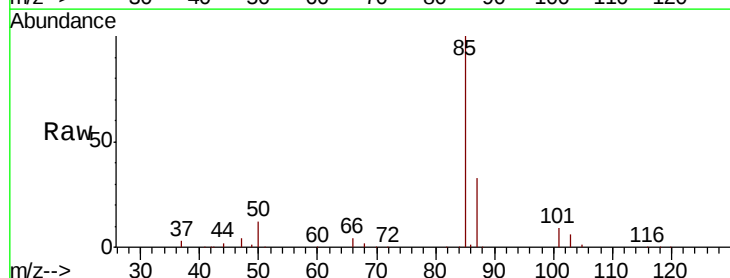
Acq: 27 Jun 2020 7:05

Tgt Ion: 85 Resp: 162189

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

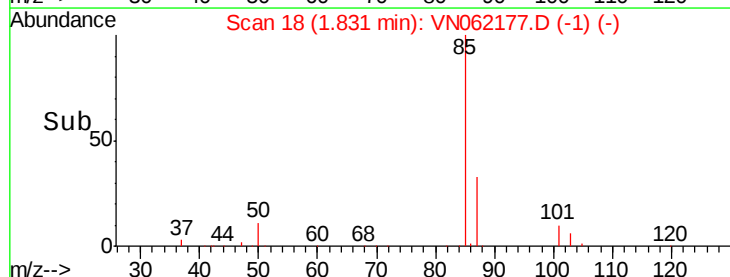
1.83

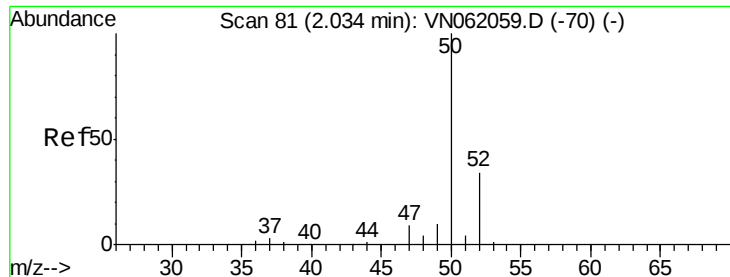
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.142 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

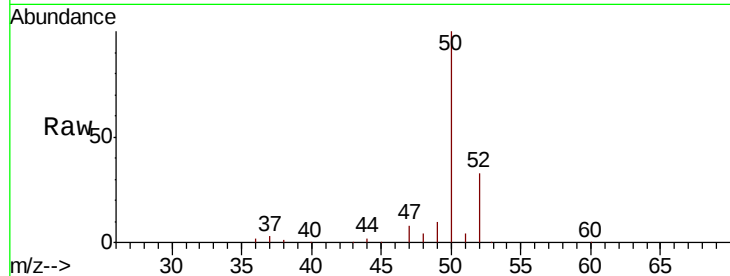
56BR-20200622MS

Tot Ion: 50 Resp: 148963

Ion Ratio Lower Upper

50 100

52 32.8 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN062177.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN062177.D (-1) (-)

2.03

120000

100000

80000

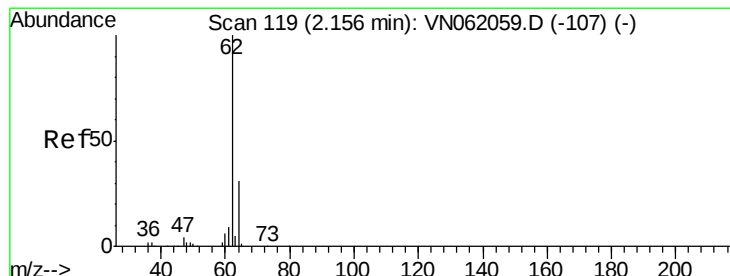
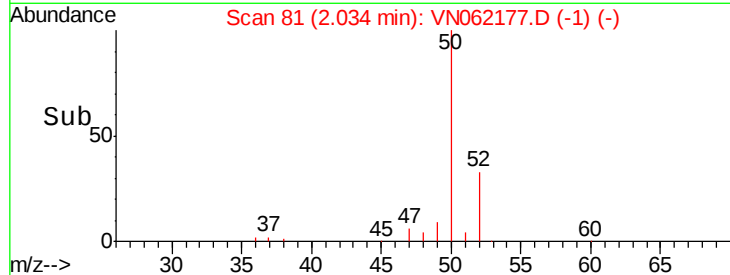
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 141.820 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062177.D

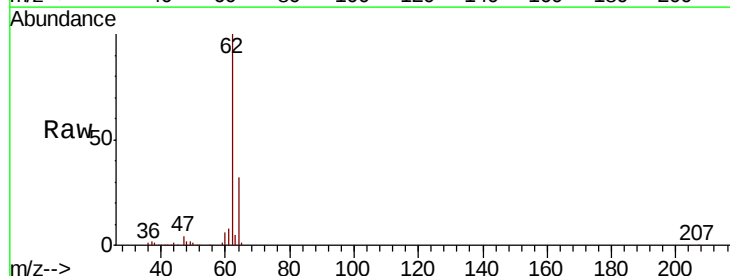
Acq: 27 Jun 2020 7:05

Tgt Ion: 62 Resp: 563627

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN062177.D (-26) (-)

Ion 63.90 (63.60 to 64.60): VN062177.D (-26) (-)

2.16

400000

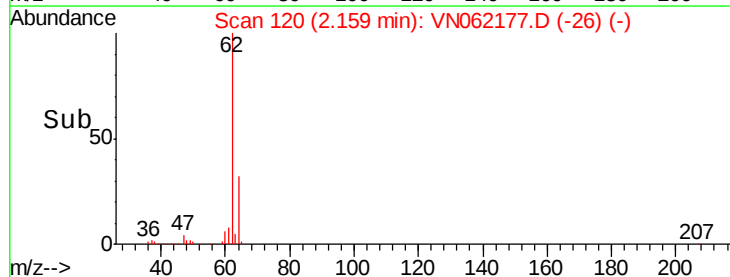
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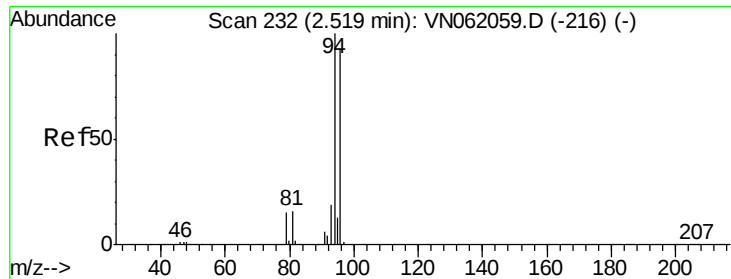
200000

100000

0

Time-->





#5

Bromomethane

Concen: 44.491 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

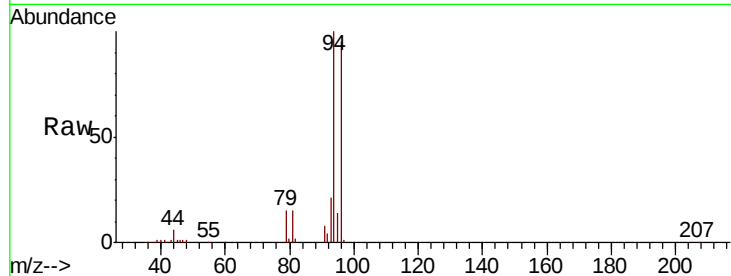
56BR-20200622MS

Tot Ion: 94 Resp: 114277

Ion Ratio Lower Upper

94 100

96 94.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062177.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062177.D (-139) (-)

2.52

60000

40000

20000

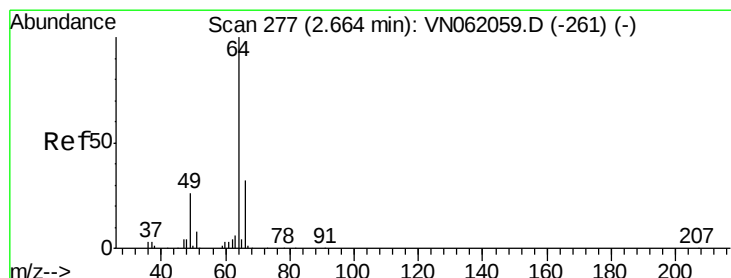
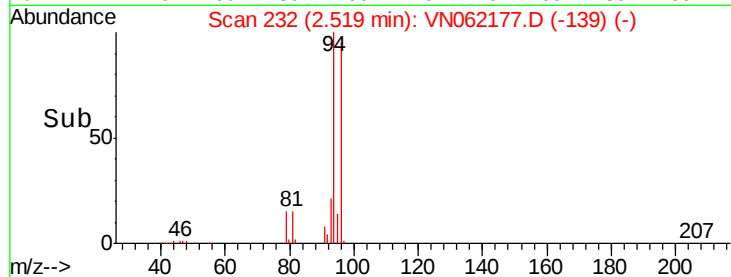
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Time-->

2.40

2.50

2.60



#6

Chloroethane

Concen: 46.829 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062177.D

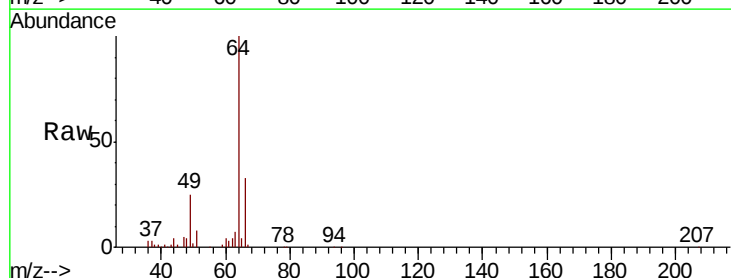
Acq: 27 Jun 2020 7:05

Tgt Ion: 64 Resp: 127134

Ion Ratio Lower Upper

64 100

66 33.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062177.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062177.D (-184) (-)

2.66

60000

40000

20000

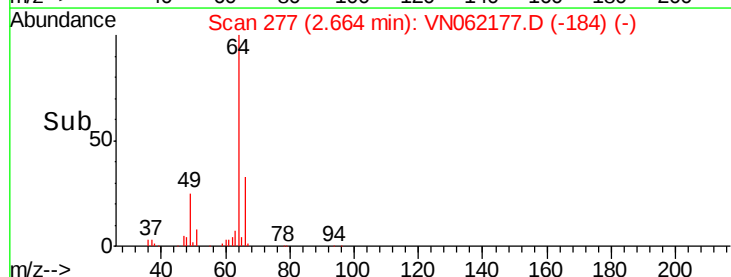
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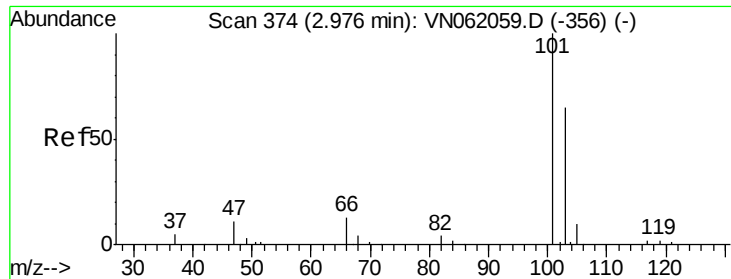
Time-->

2.60

2.70

2.80



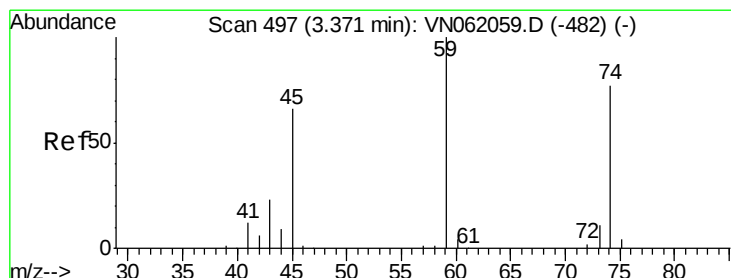
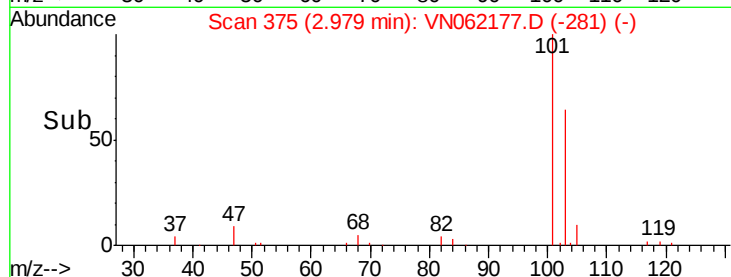
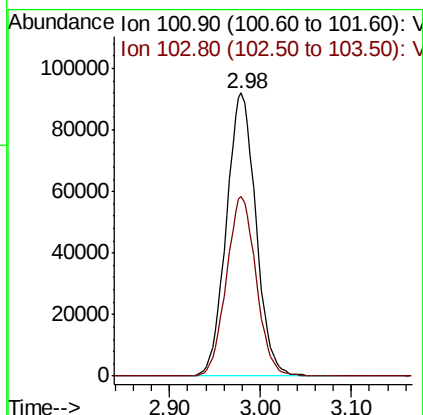
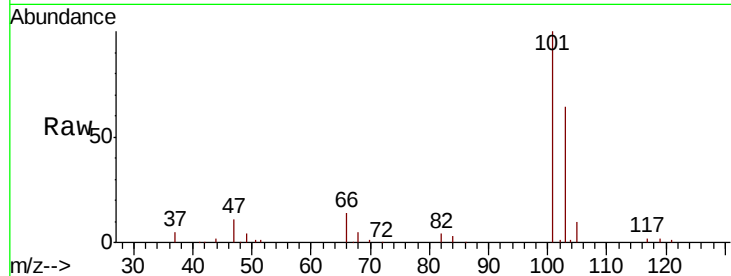


#7

Trichlorofluoromethane
 Concen: 42.331 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

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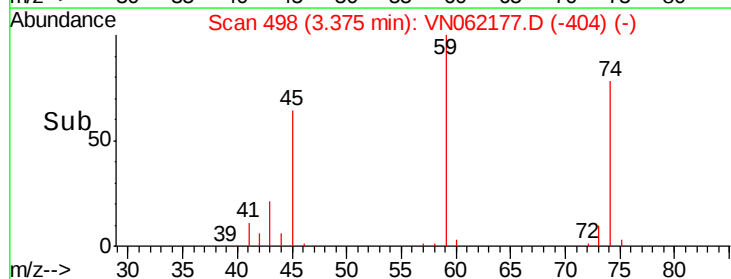
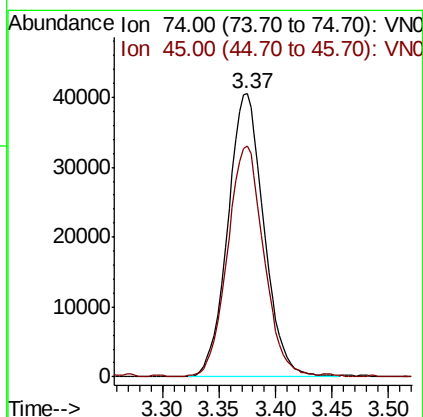
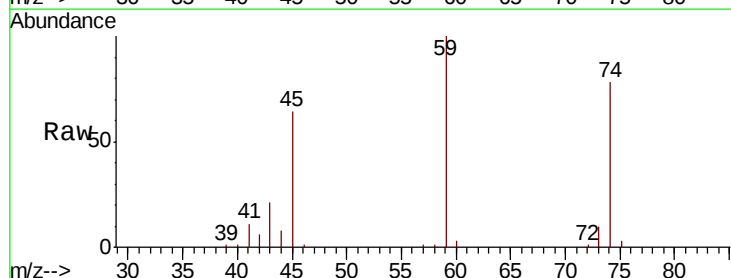
Tot Ion:101 Resp: 207296
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.8 77.6

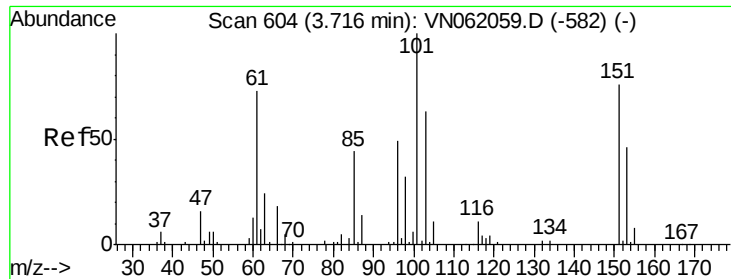


#8

Diethyl Ether
 Concen: 52.543 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

Tgt Ion: 74 Resp: 89848
 Ion Ratio Lower Upper
 74 100
 45 82.6 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 81.747 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

56BR-20200622MS

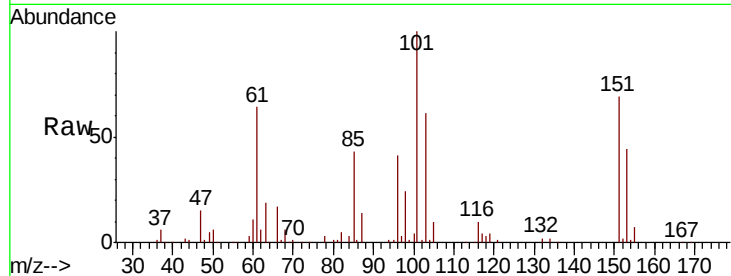
Tot Ion:101 Resp: 209636

Ion Ratio Lower Upper

101 100

85 44.0 34.5 51.7

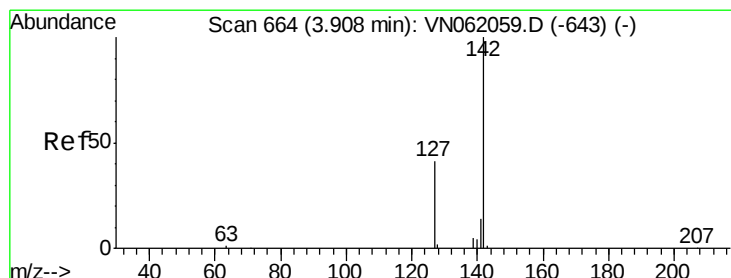
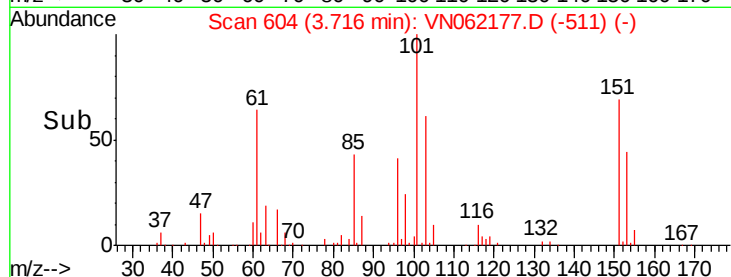
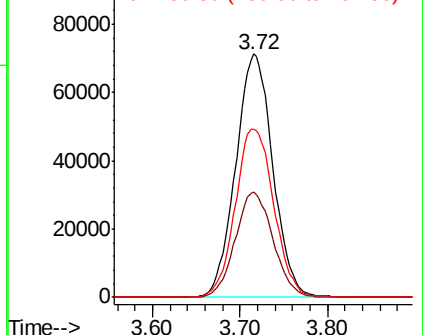
151 71.7 57.8 86.8



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: 55.045 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

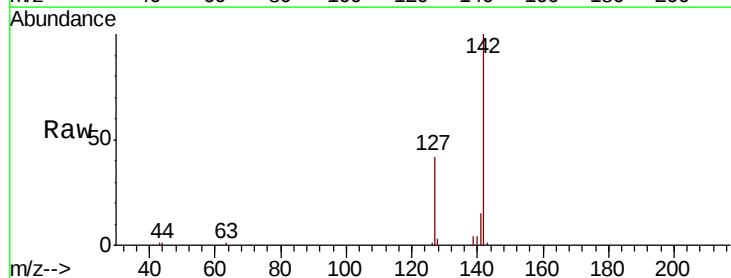
Tgt Ion:142 Resp: 158976

Ion Ratio Lower Upper

142 100

127 42.2 33.6 50.4

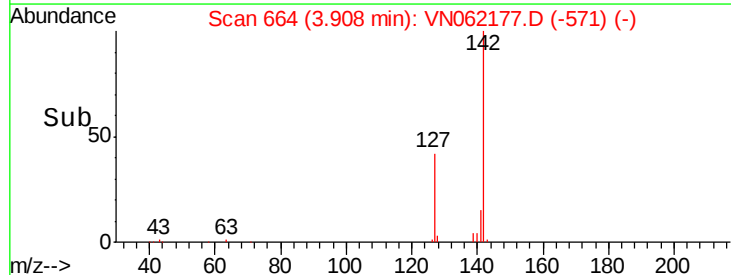
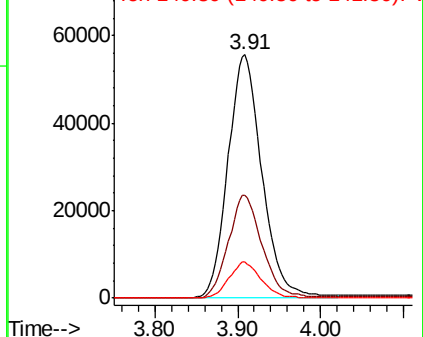
141 13.9 11.3 16.9

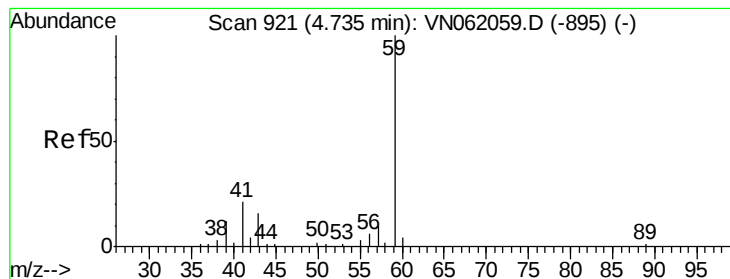


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



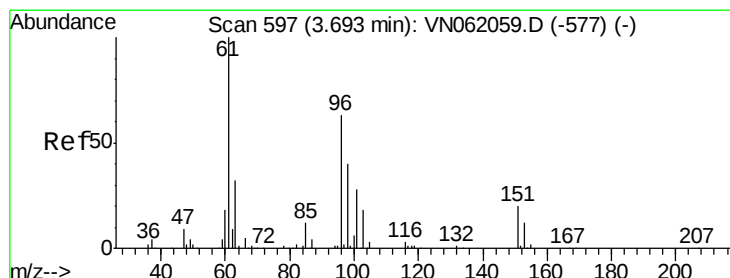
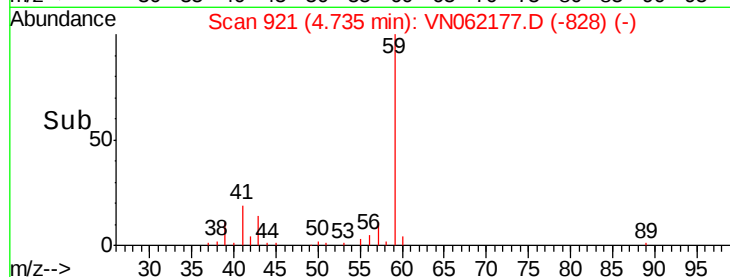
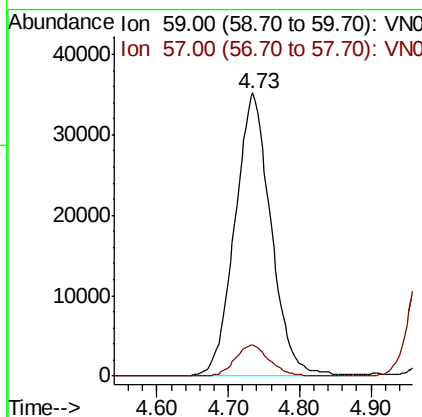
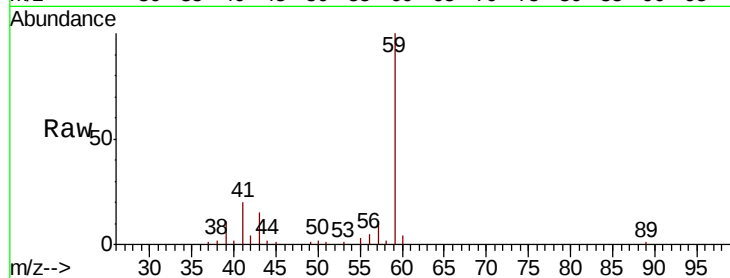


#11

Tert butyl alcohol
 Concen: 274.982 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622MS

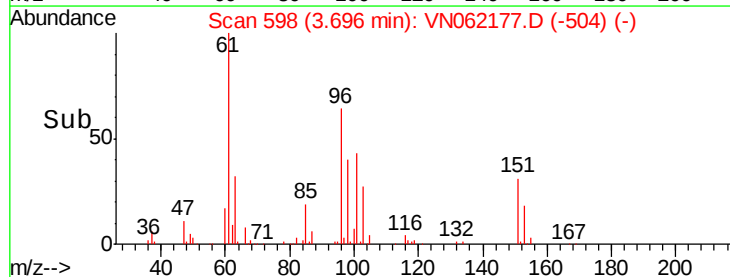
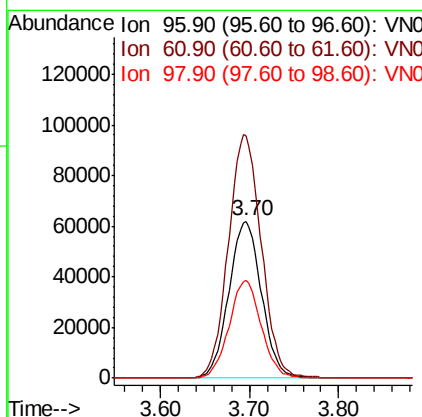
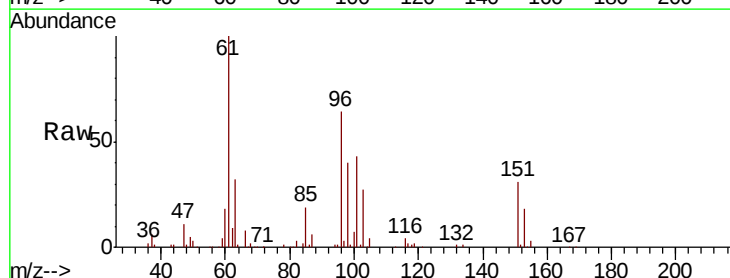
Tot Ion: 59 Resp: 123703
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

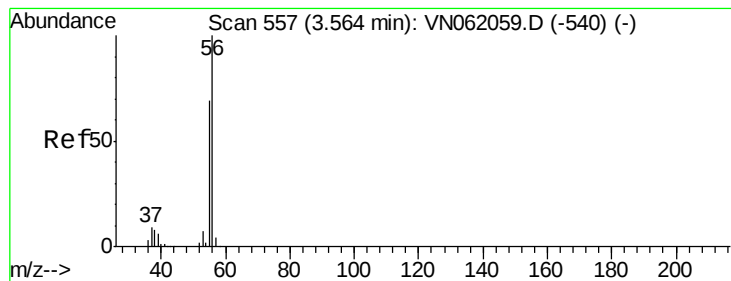


#12

1,1-Dichloroethene
 Concen: 61.273 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

Tgt Ion: 96 Resp: 157084
 Ion Ratio Lower Upper
 96 100
 61 155.1 126.7 190.1
 98 62.6 51.0 76.4





#13

Acrolein

Concen: 286.401 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

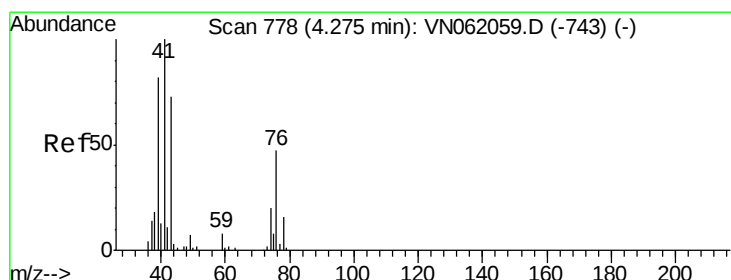
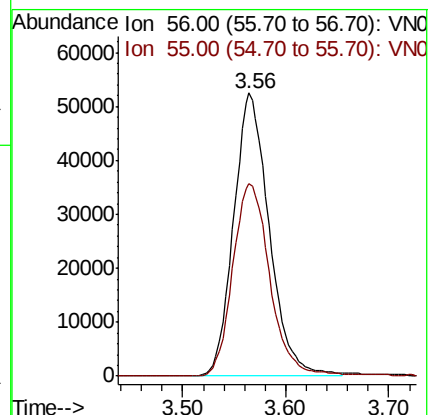
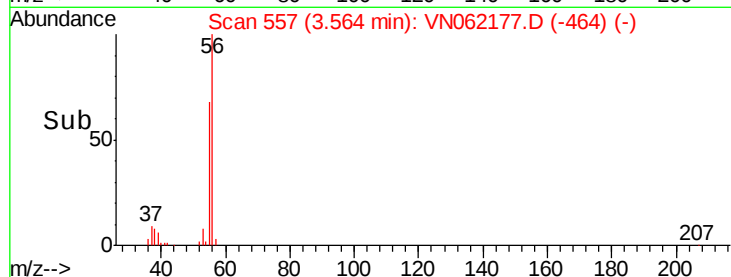
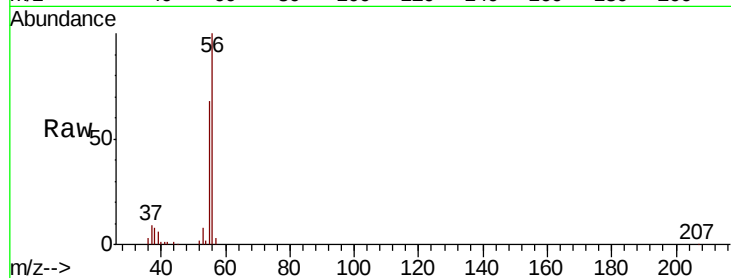
56BR-20200622MS

Tot Ion: 56 Resp: 126142

Ion Ratio Lower Upper

56 100

55 70.5 55.5 83.3



#14

Allyl chloride

Concen: 50.489 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

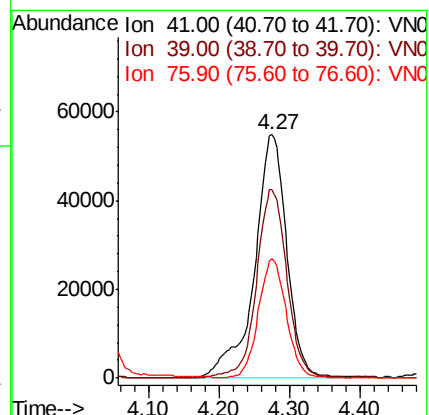
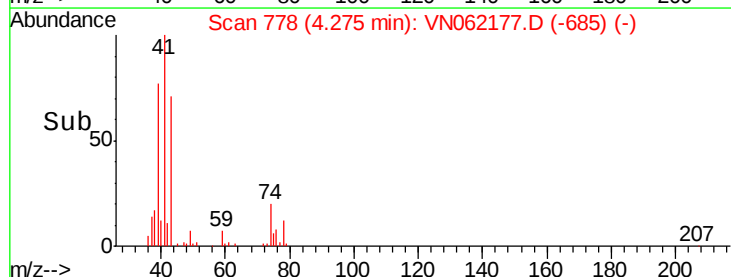
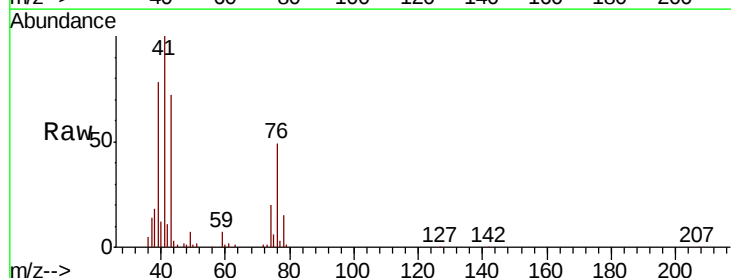
Tgt Ion: 41 Resp: 176226

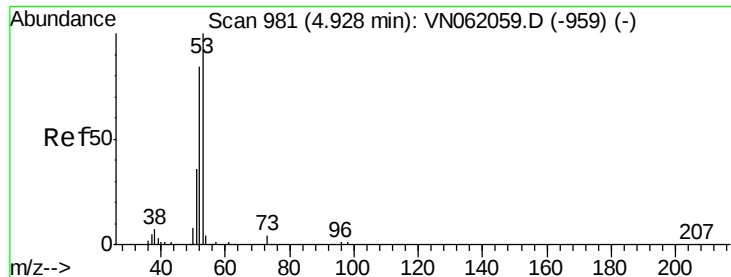
Ion Ratio Lower Upper

41 100

39 72.4 60.0 90.0

76 41.4 34.1 51.1





#15

Acrylonitrile

Concen: 269.975 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

56BR-20200622MS

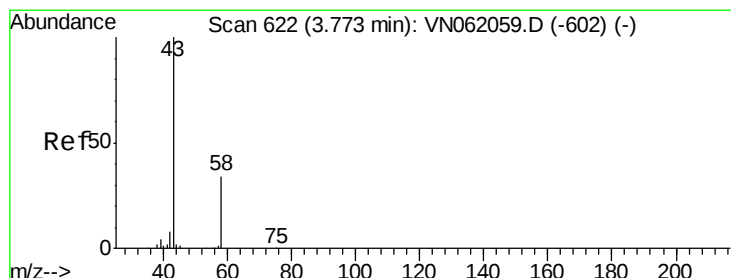
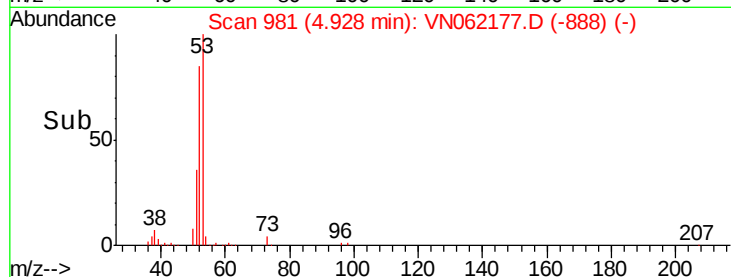
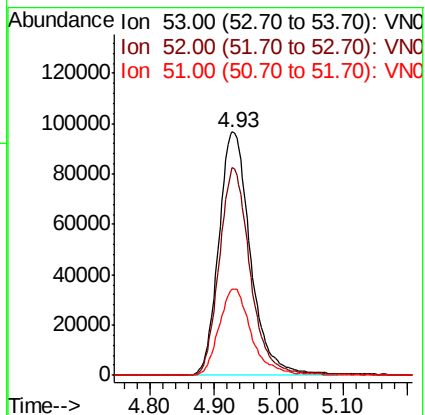
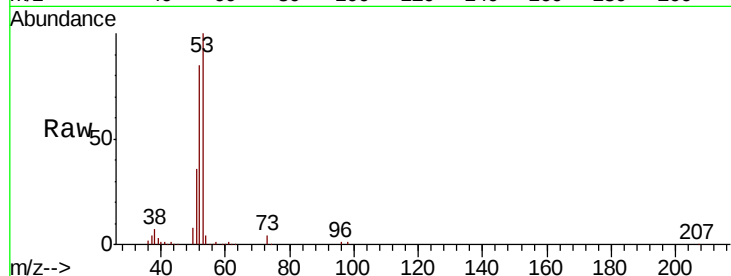
Tot Ion: 53 Resp: 330957

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.4

51 35.8 28.9 43.3



#16

Acetone

Concen: 270.162 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062177.D

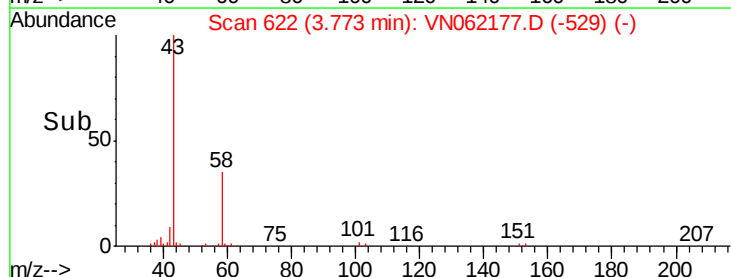
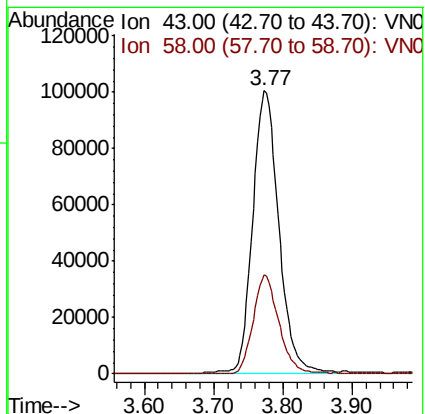
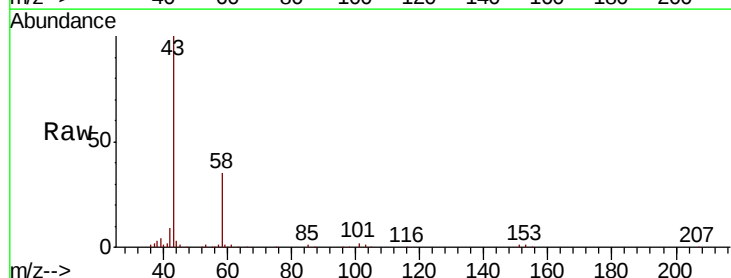
Acq: 27 Jun 2020 7:05

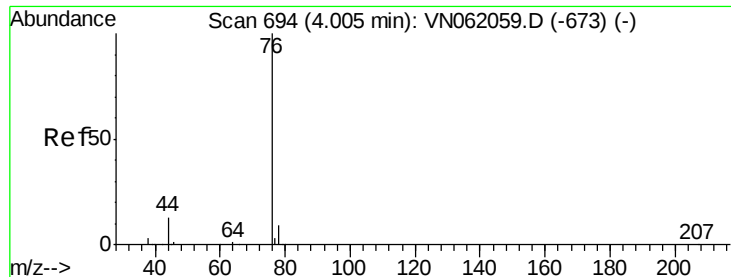
Tgt Ion: 43 Resp: 265374

Ion Ratio Lower Upper

43 100

58 34.9 27.5 41.3

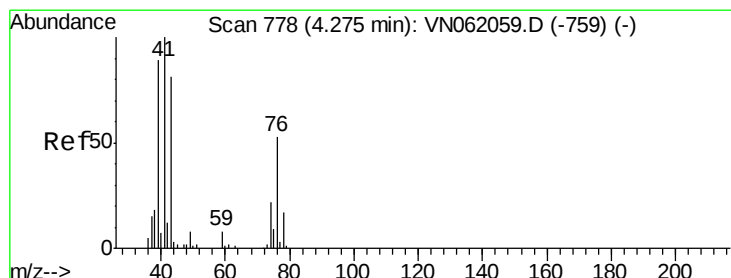
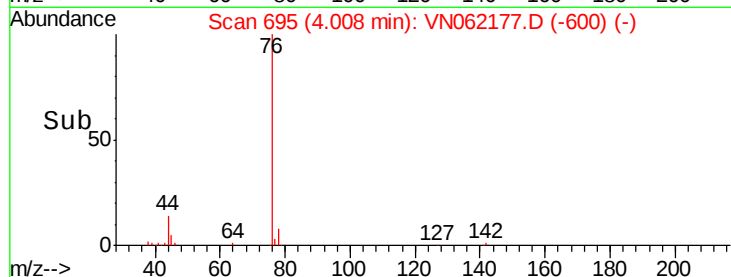
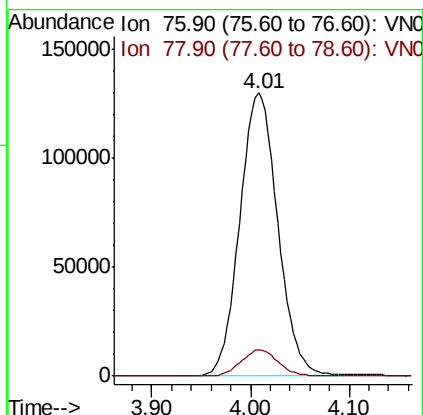
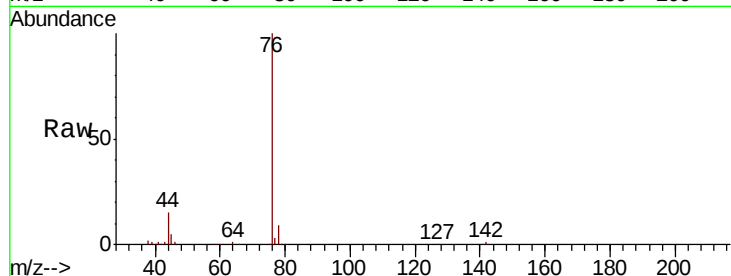




#17
Carbon Disulfide
Concen: 47.138 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

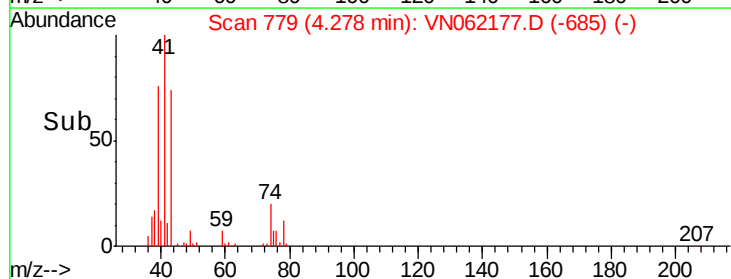
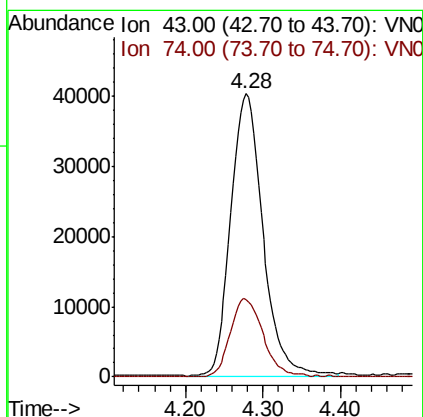
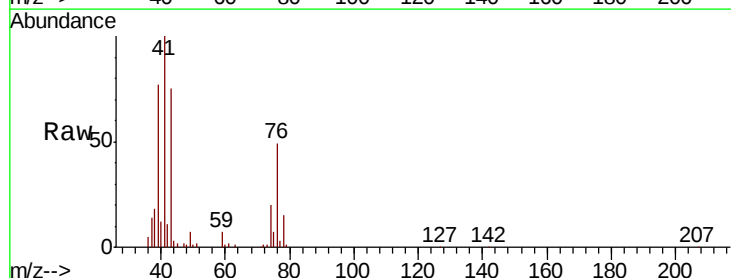
Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

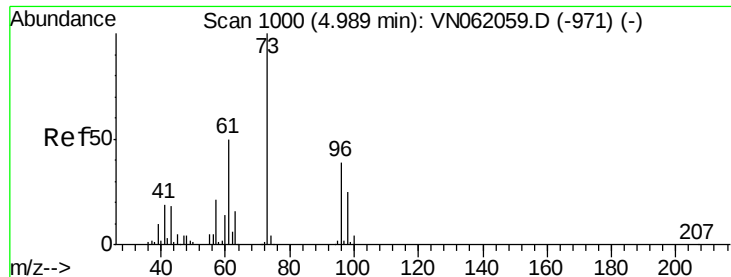
Tot Ion: 76 Resp: 346111
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 47.283 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion: 43 Resp: 117767
Ion Ratio Lower Upper
43 100
74 27.9 22.9 34.3

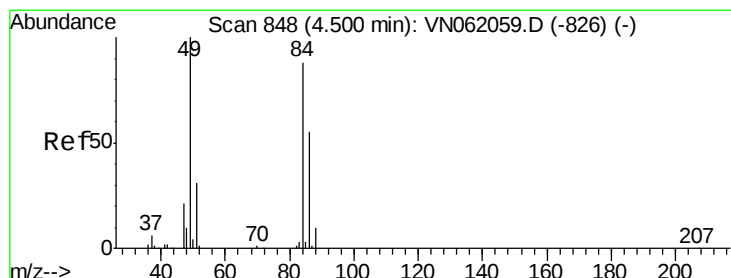
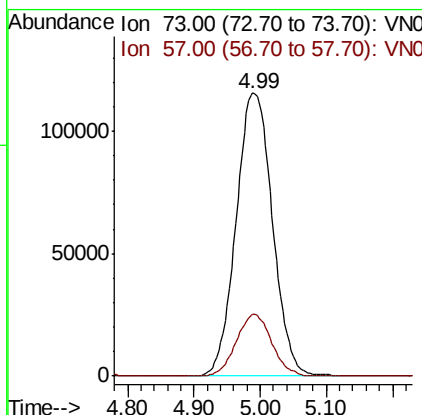
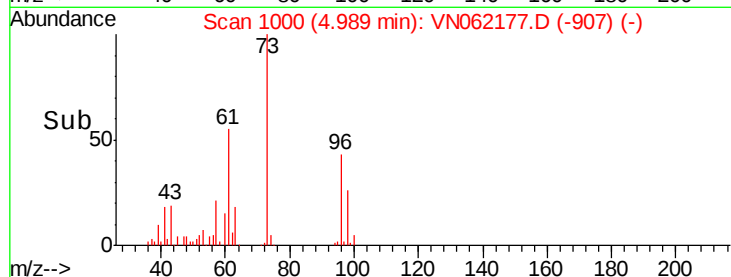
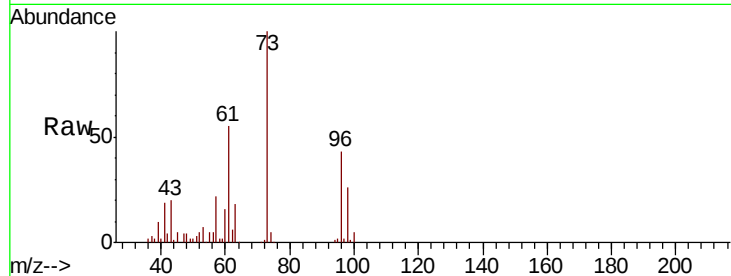




#19
Methvl tert-butvl Ether
Concen: 53.742 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

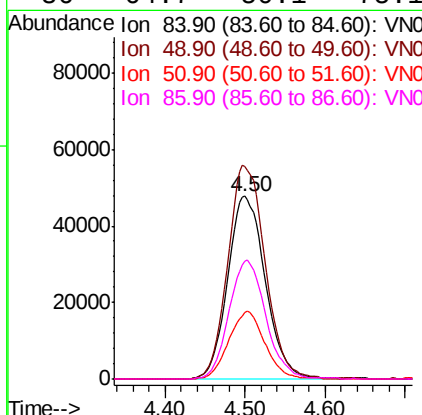
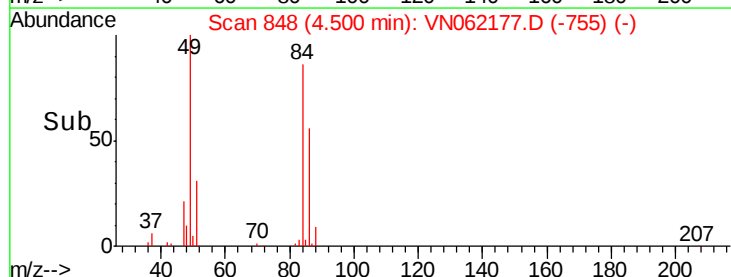
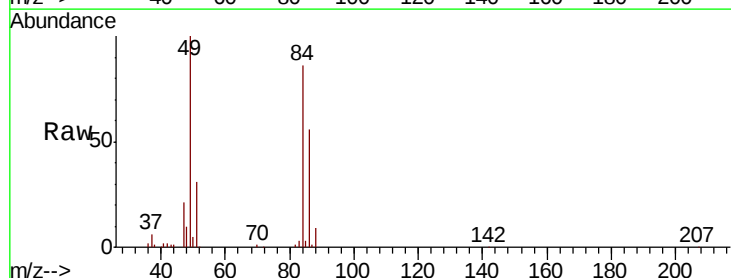
Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

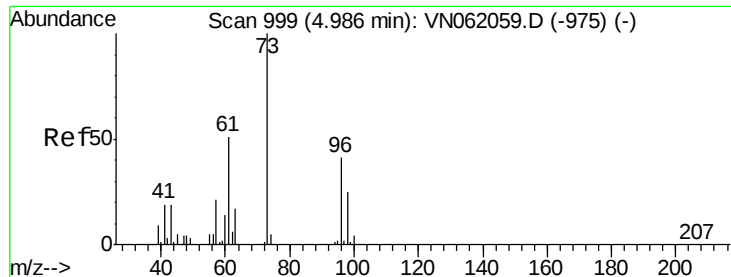
Tot Ion: 73 Resp: 440253
Ion Ratio Lower Upper
73 100
57 21.8 16.6 24.8



#20
Methylene Chloride
Concen: 53.156 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion: 84 Resp: 152852
Ion Ratio Lower Upper
84 100
49 116.6 90.6 136.0
51 36.3 27.8 41.8
86 64.7 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 54.469 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

56BR-20200622MS

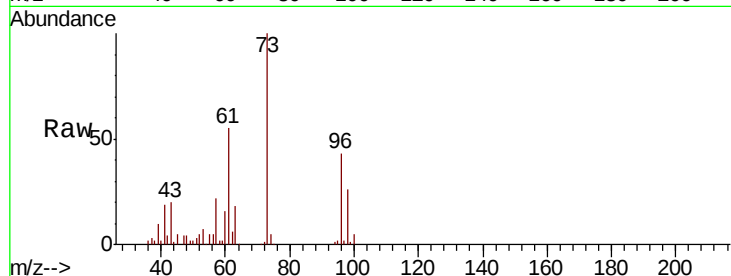
Tot Ion: 96 Resp: 159076

Ion Ratio Lower Upper

96 100

61 129.4 101.4 152.2

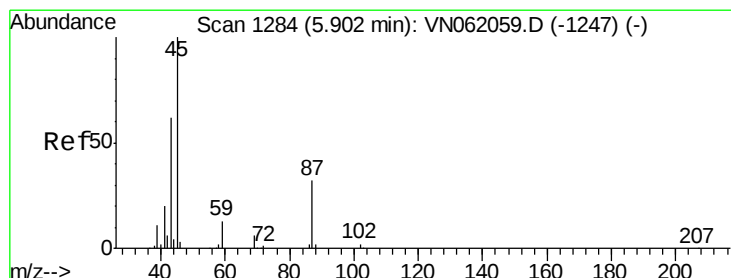
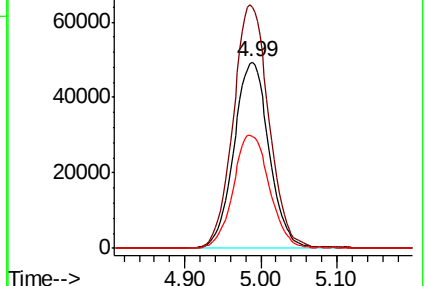
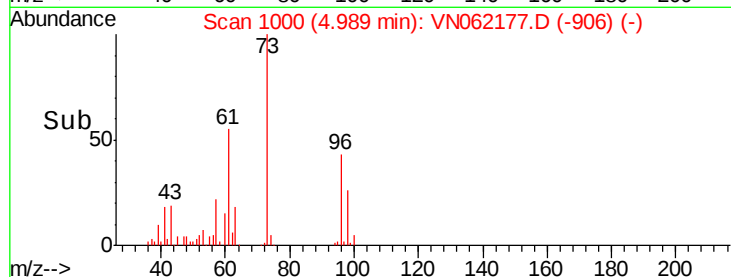
98 59.8 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN062177.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062177.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062177.D (-906) (-)



#22

Diisopropyl ether

Concen: 52.611 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Tgt Ion: 45 Resp: 418110

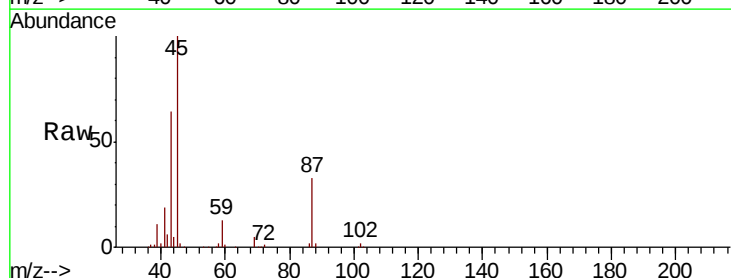
Ion Ratio Lower Upper

45 100

43 62.5 49.7 74.5

87 32.5 25.9 38.9

59 12.7 10.6 16.0

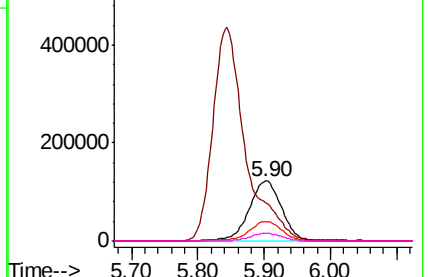
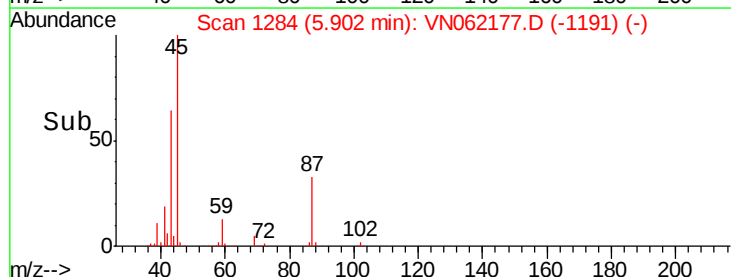


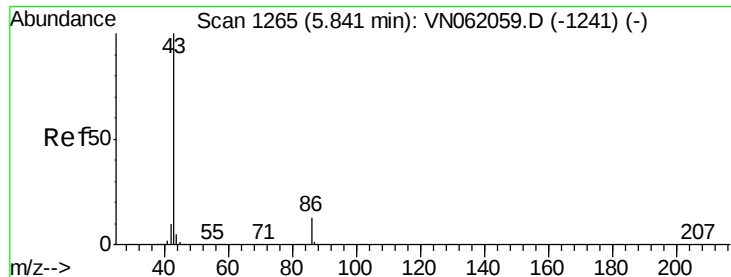
Abundance Ion 45.00 (44.70 to 45.70): VN062177.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062177.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062177.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062177.D (-1191) (-)





#23

Vinyl Acetate

Concen: 229.768 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

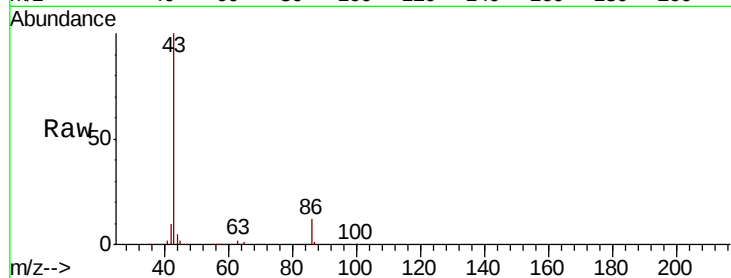
56BR-20200622MS

Tot Ion: 43 Resp: 1490849

Ion Ratio Lower Upper

43 100

86 12.2 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062177.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062177.D (-1172) (-)

500000

400000

300000

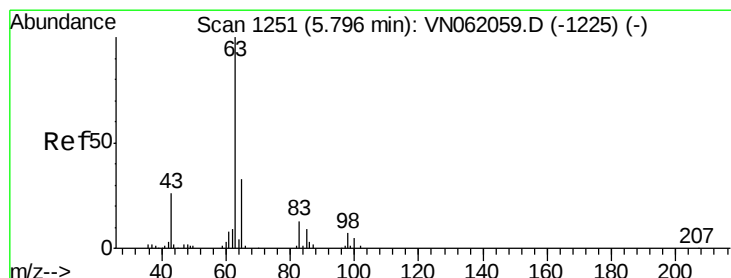
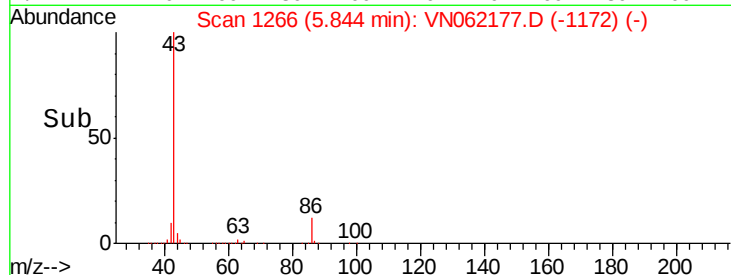
200000

100000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.770 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

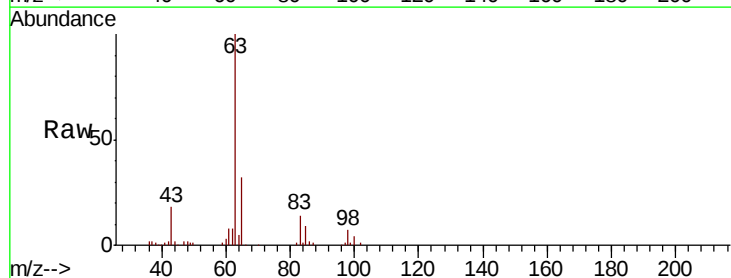
Tgt Ion: 63 Resp: 259822

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062177.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062177.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062177.D (-1158) (-)

100000

80000

60000

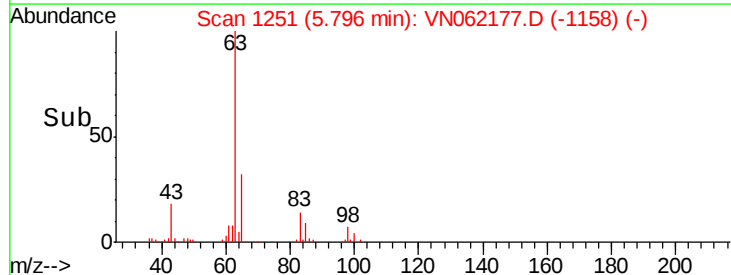
40000

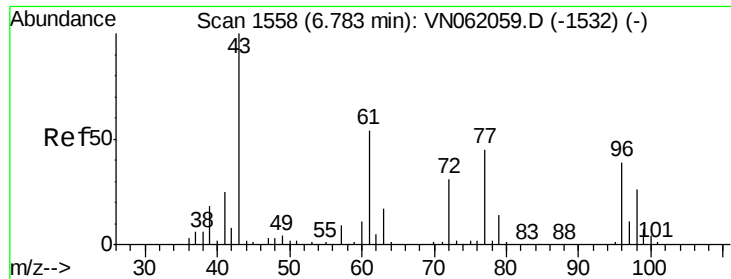
20000

0

5.70 5.80 5.90

Time-->

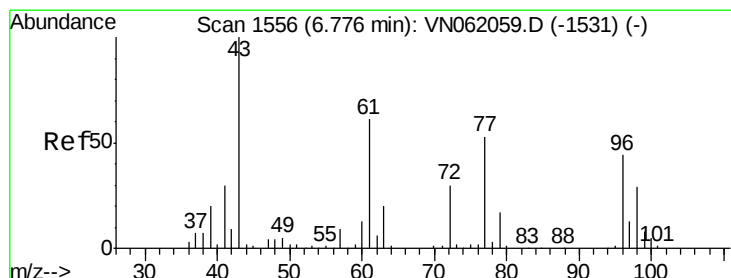
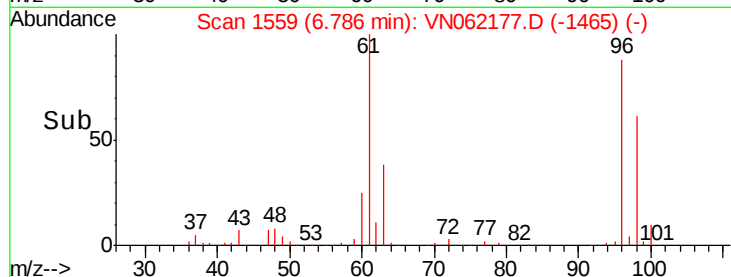
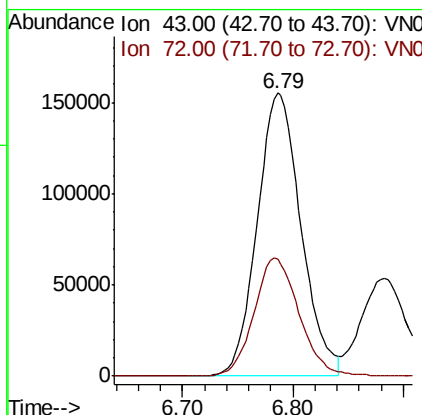
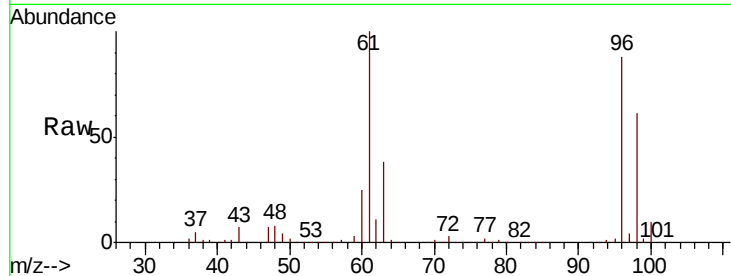




#25
2-Butanone
Concen: 277.374 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

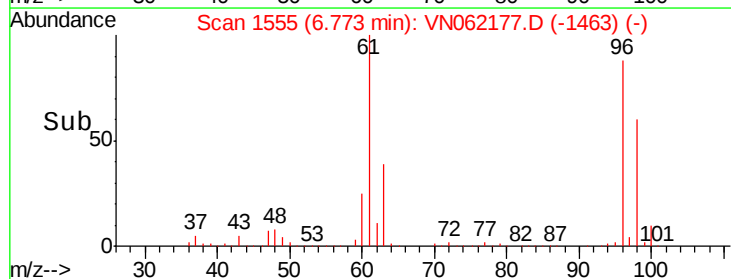
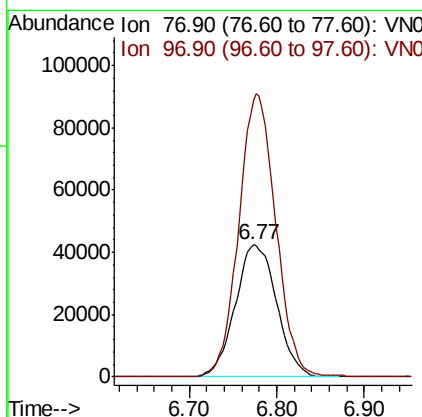
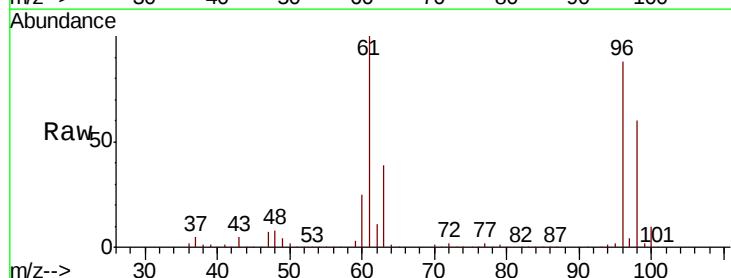
Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

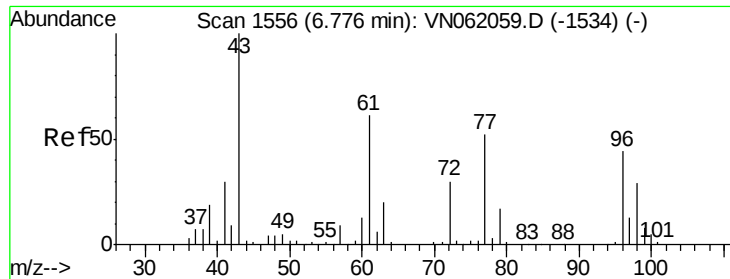
Tot Ion: 43 Resp: 424790
Ion Ratio Lower Upper
43 100
72 41.2 24.8 37.2#



#26
2,2-Dichloropropane
Concen: 32.679 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion: 77 Resp: 139360
Ion Ratio Lower Upper
77 100
97 190.7 11.8 35.3#





#27

cis-1,2-Dichloroethene

Concen: 1877.544 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

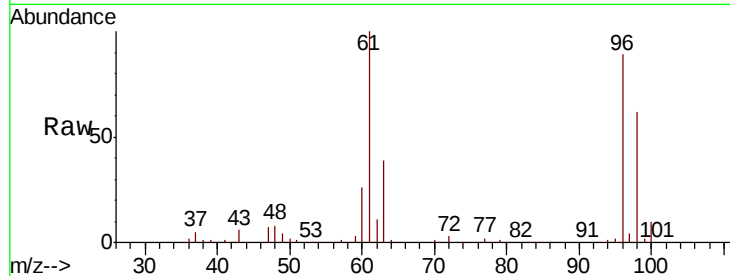
Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

Tot Ion: 96 Resp: 6170246

Ion	Ratio	Lower	Upper
96	100		
61	116.9	0.0	280.4
98	66.6	0.0	129.4

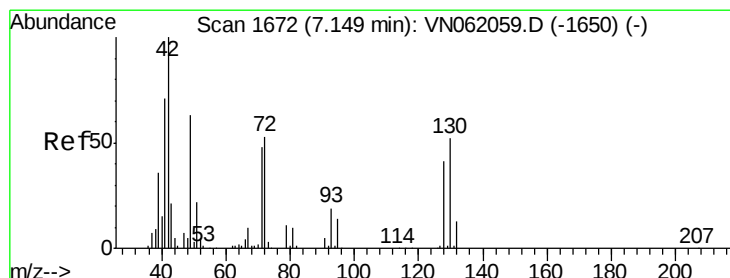
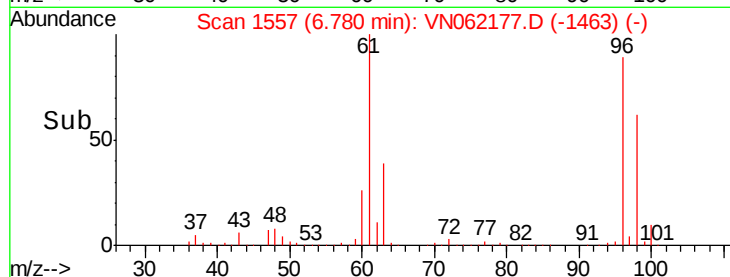
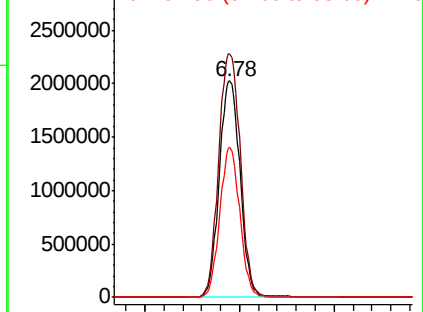


Abundance

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: 50.921 ug/l

RT: 7.15 min Scan# 1672

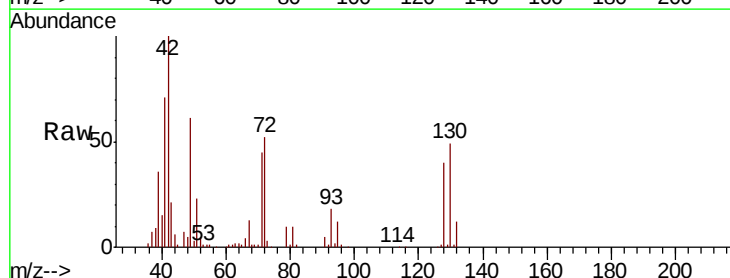
Delta R.T. 0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Tgt Ion: 49 Resp: 113065

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	80.1	65.5	98.3

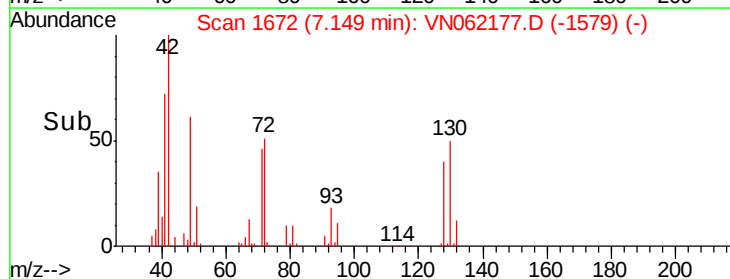
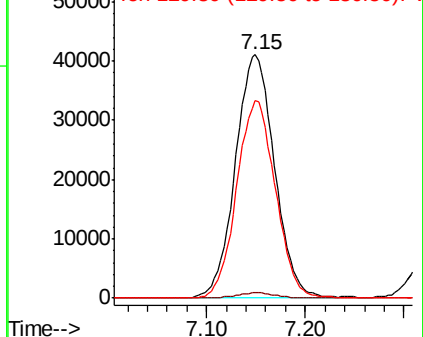


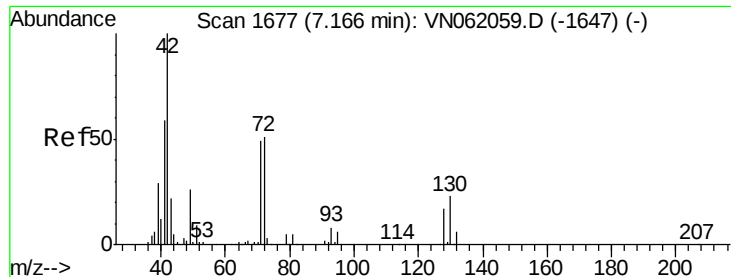
Abundance

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

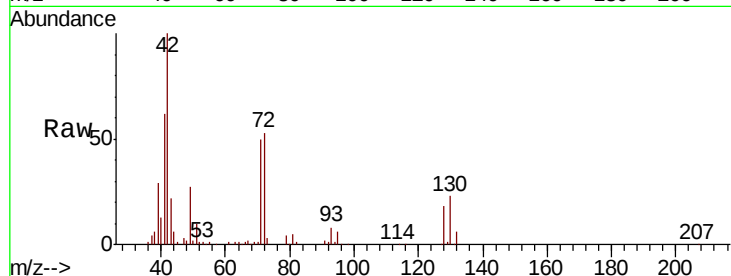




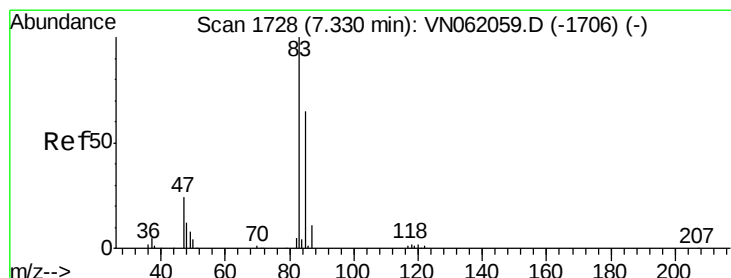
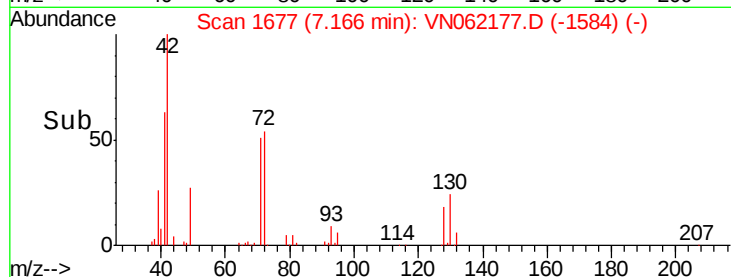
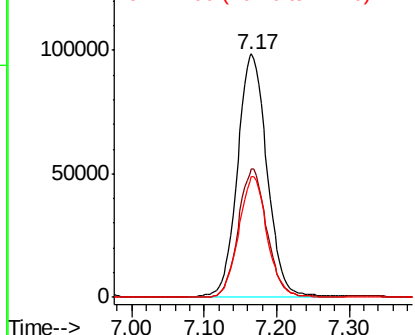
#29
Tetrahydrofuran
Concen: 279.737 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

Tot Ion: 42 Resp: 280628
Ion Ratio Lower Upper
42 100
72 50.8 41.1 61.7
71 47.7 38.2 57.4

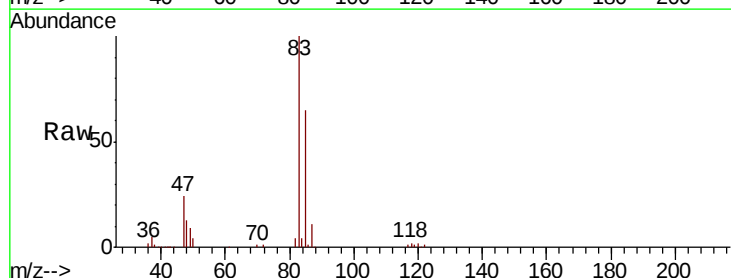


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

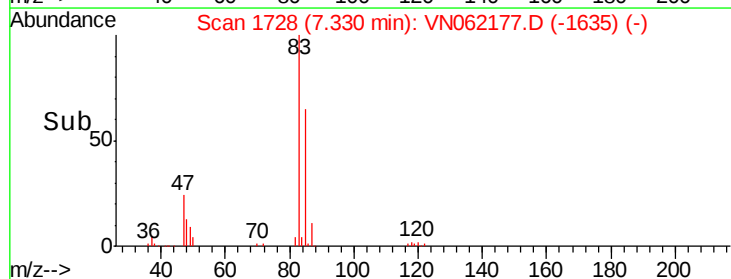
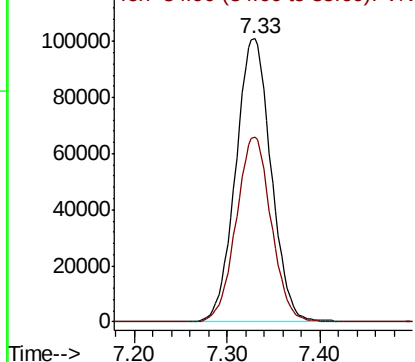


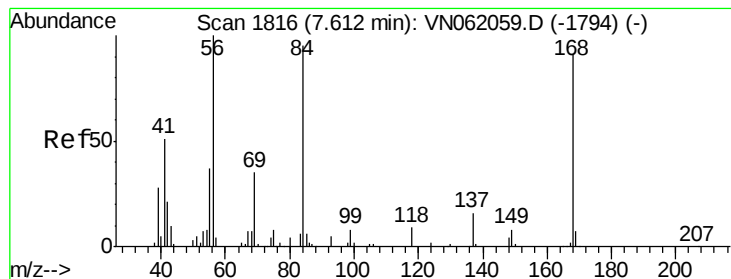
#30
Chloroform
Concen: 51.316 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion: 83 Resp: 267191
Ion Ratio Lower Upper
83 100
85 65.5 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 47.942 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

56BR-20200622MS

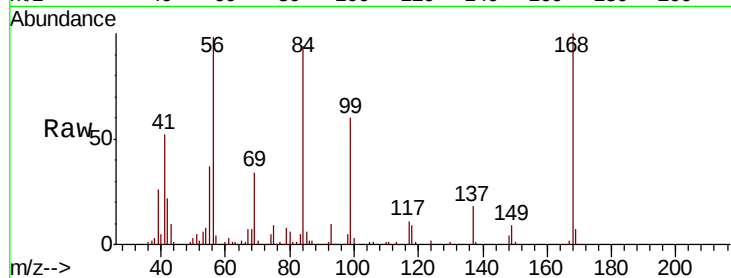
Tot Ion: 56 Resp: 207530

Ion Ratio Lower Upper

56 100

69 35.2 28.0 42.0

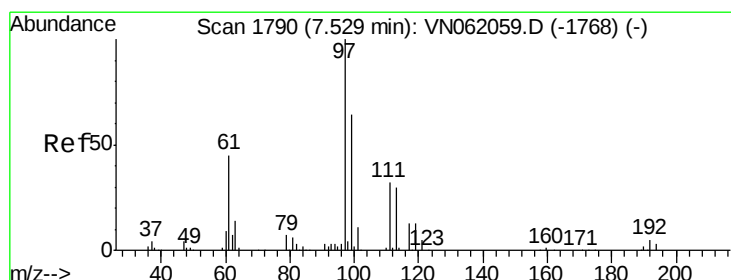
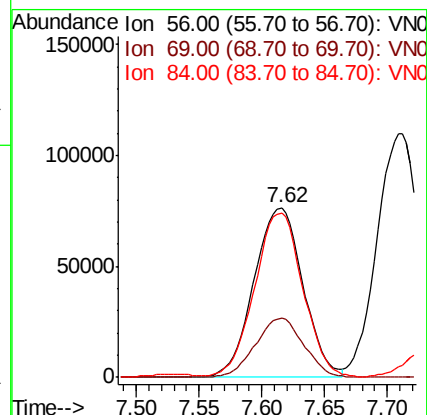
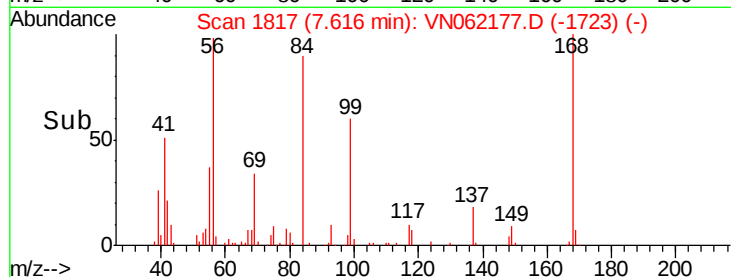
84 95.5 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062177.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062177.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062177.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 50.744 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

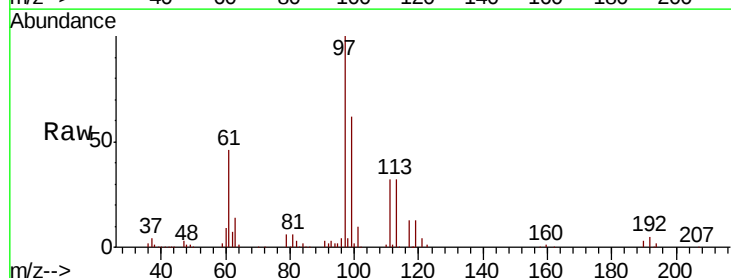
Tgt Ion: 97 Resp: 222815

Ion Ratio Lower Upper

97 100

99 62.7 51.0 76.4

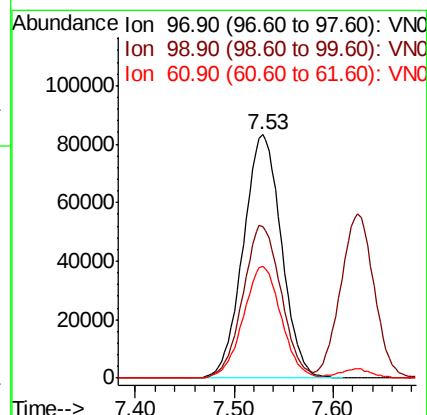
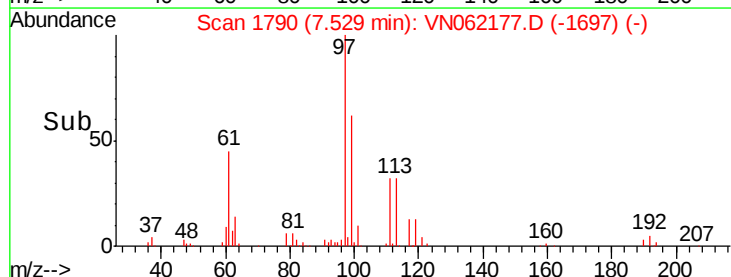
61 45.6 36.2 54.2

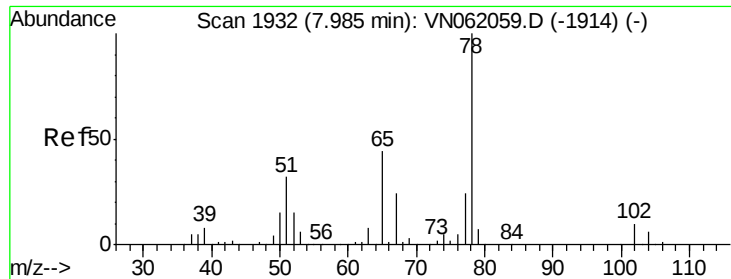


Abundance Ion 96.90 (96.60 to 97.60): VN062177.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062177.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062177.D (-1697) (-)

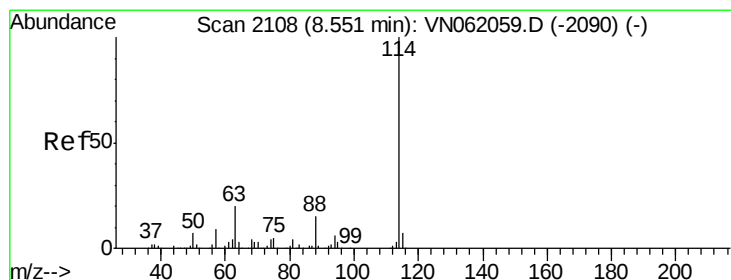
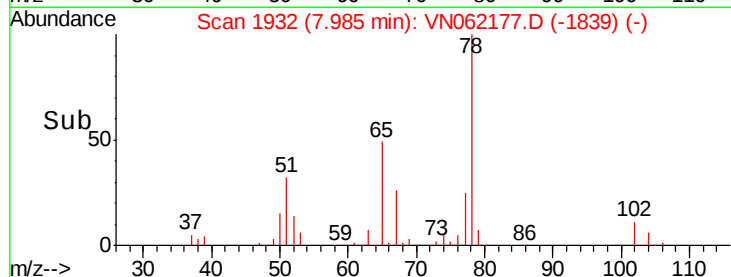
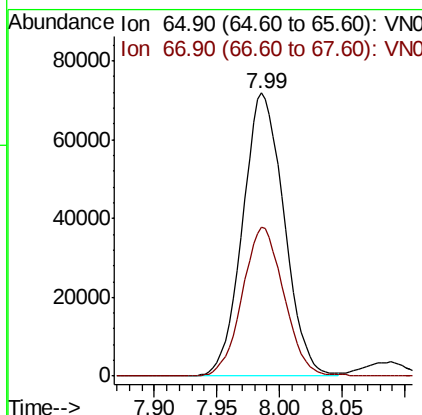
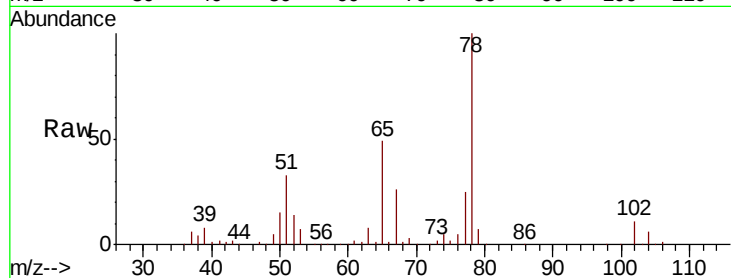




#33
 1,2-Dichloroethane-d4
 Concen: 52.822 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

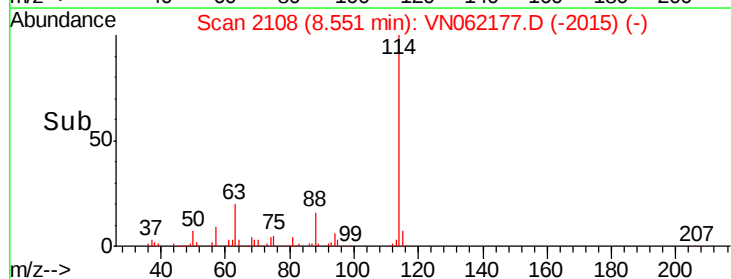
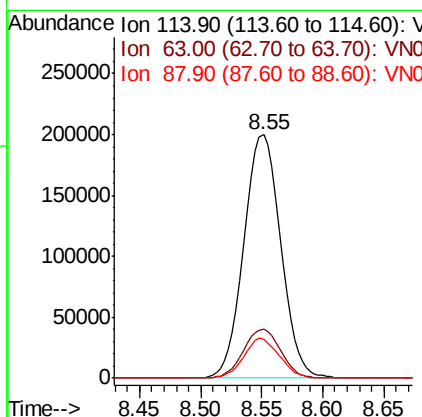
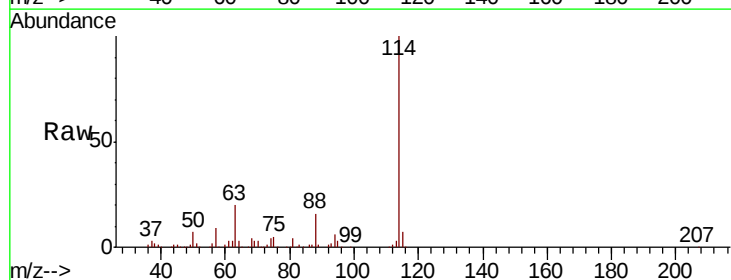
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622MS

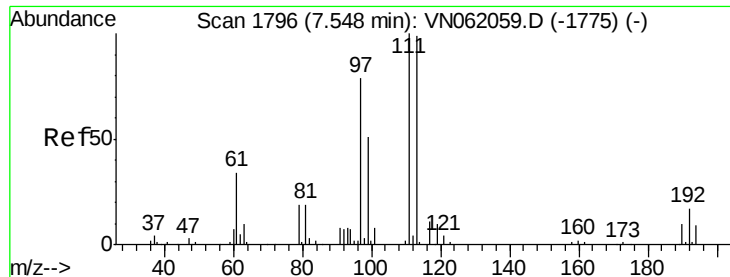
Tot Ion: 65 Resp: 165502
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

Tgt Ion: 114 Resp: 417691
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 16.0 0.0 30.8

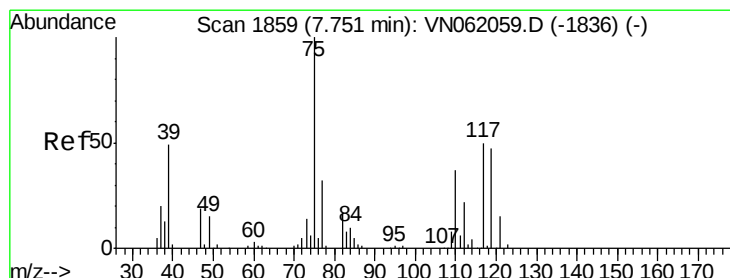
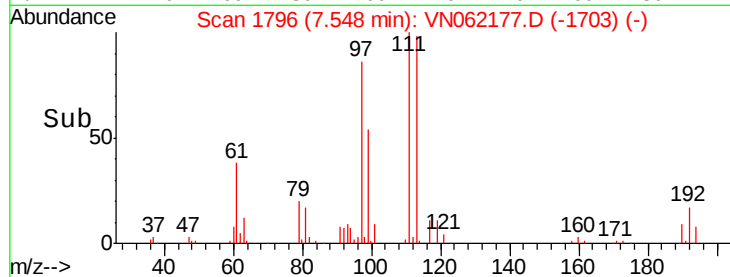
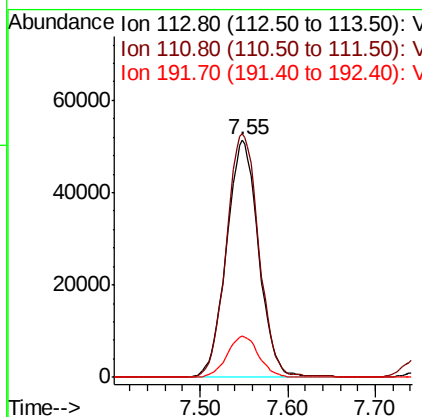
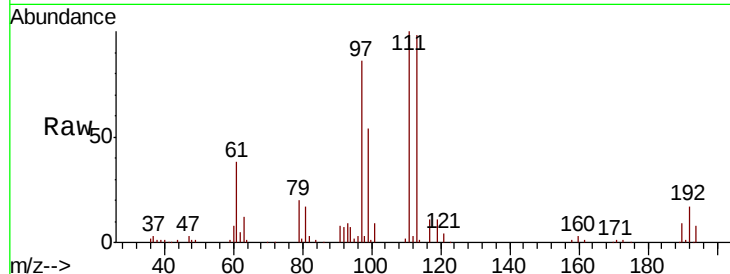




#35
 Dibromofluoromethane
 Concen: 48.845 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

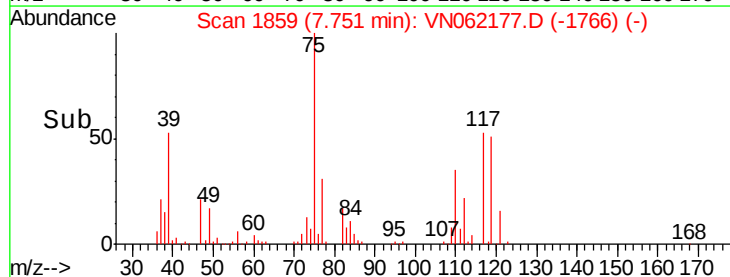
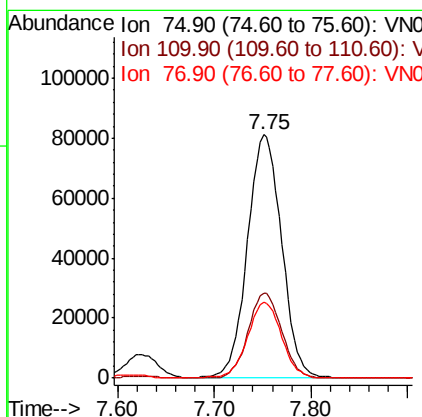
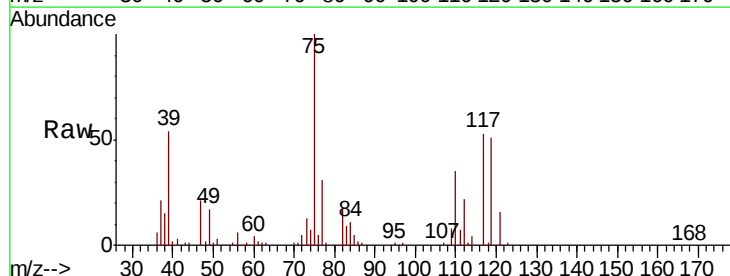
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622MS

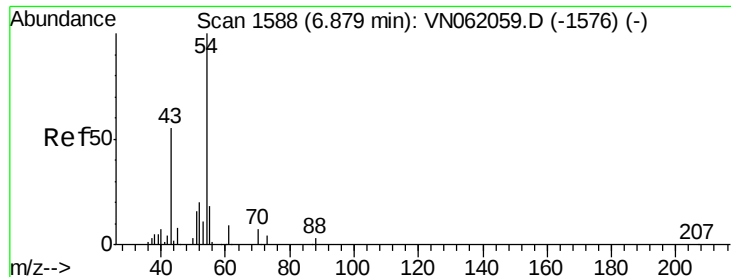
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	17.1	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 47.212 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.9	53.8
77	31.4	24.9	37.3

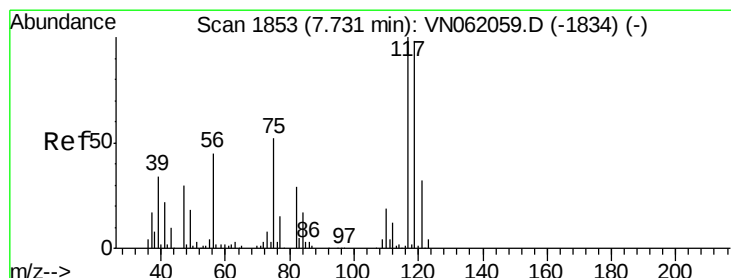
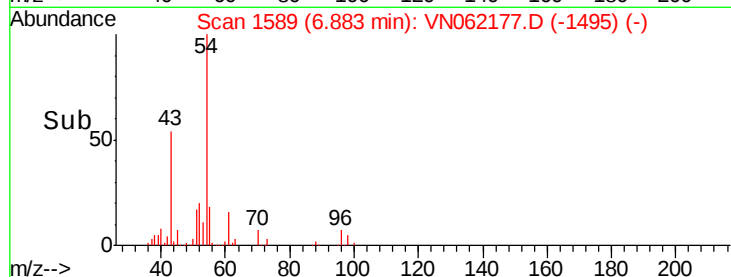
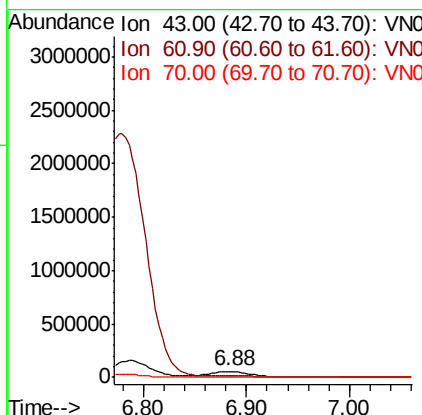
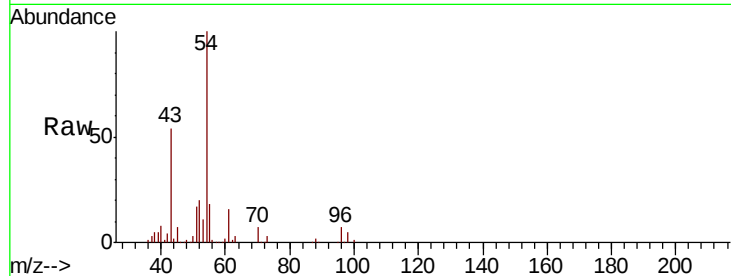




#37
Ethyl Acetate
Concen: 44.580 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

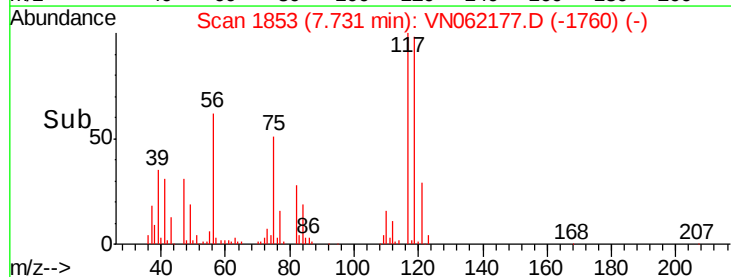
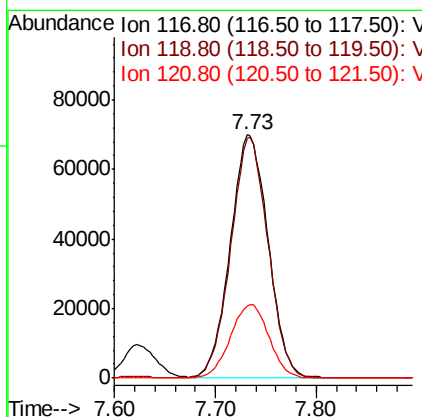
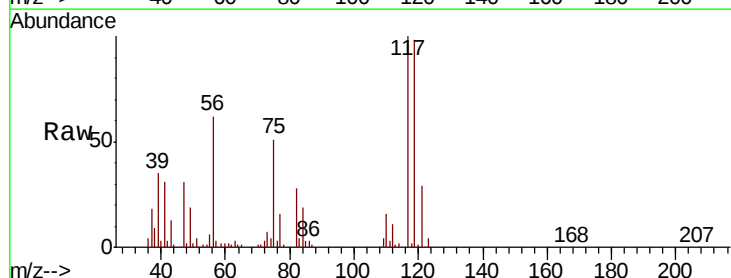
Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

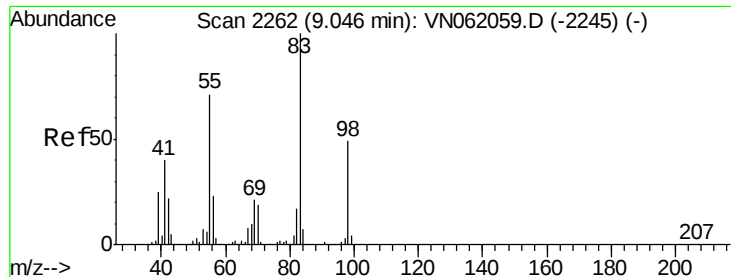
Tot Ion: 43 Resp: 154983
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 11.6 9.6 14.4



#38
Carbon Tetrachloride
Concen: 46.055 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion: 117 Resp: 182295
Ion Ratio Lower Upper
117 100
119 98.0 78.2 117.2
121 29.4 25.8 38.6

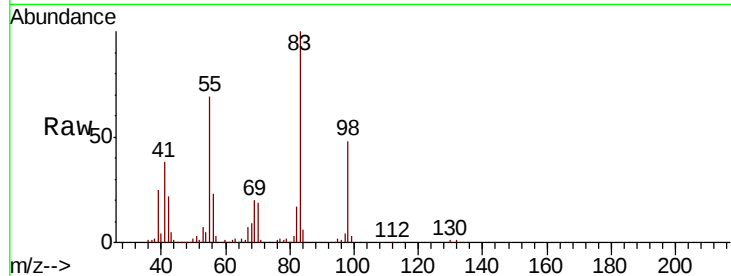




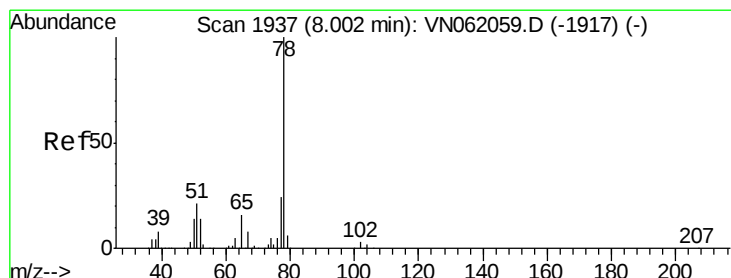
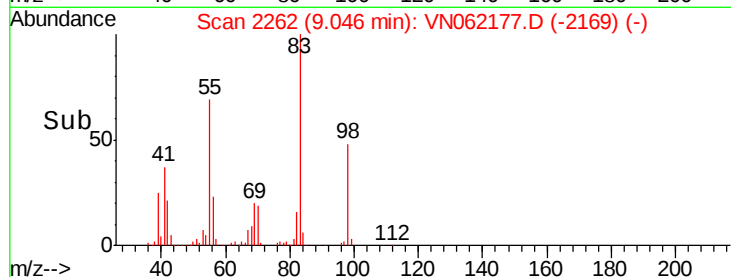
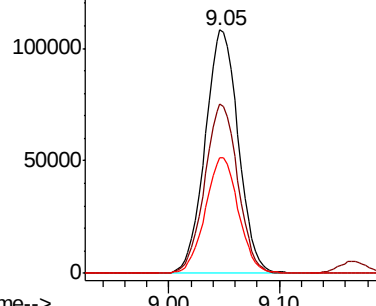
#39
Methylvlcyclohexane
Concen: 49.054 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

Tot Ion	83	Resp	225656
Ion	Ratio	Lower	Upper
83	100		
55	69.5	57.0	85.6
98	47.5	39.0	58.6

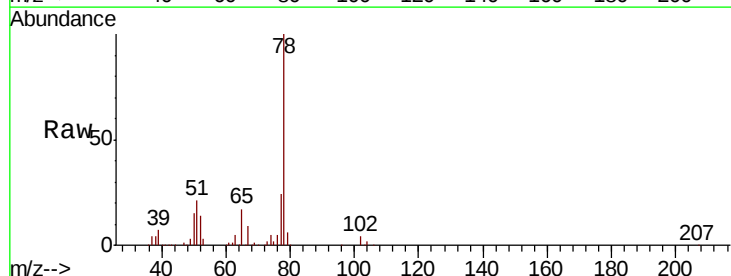


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

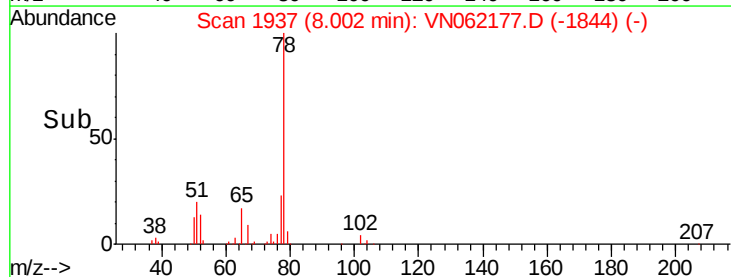
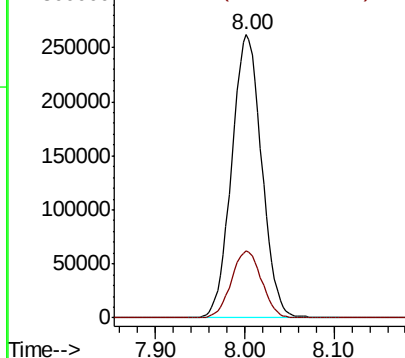


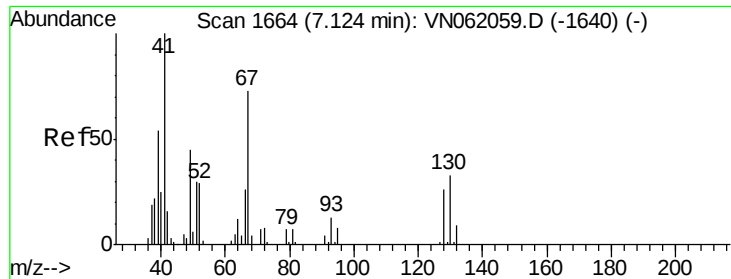
#40
Benzene
Concen: 47.835 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion	78	Resp	612130
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3



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

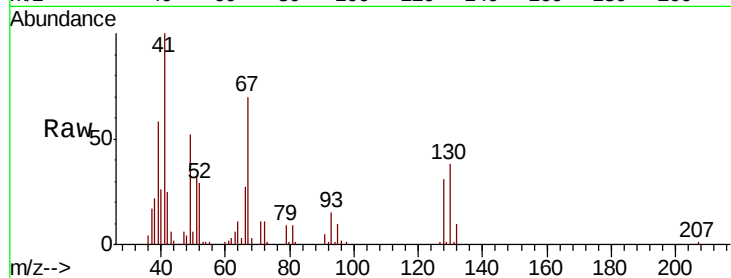




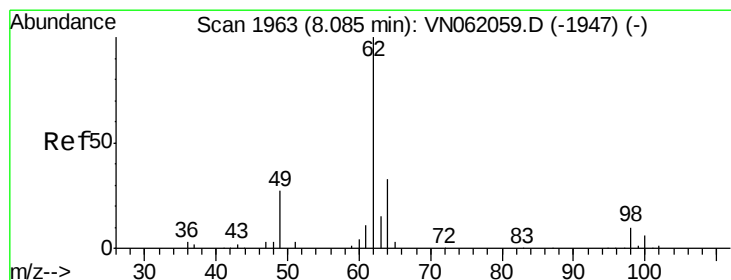
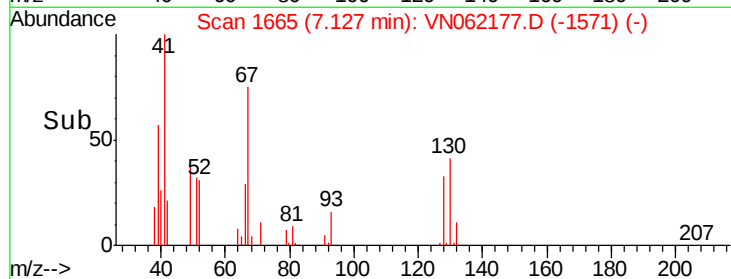
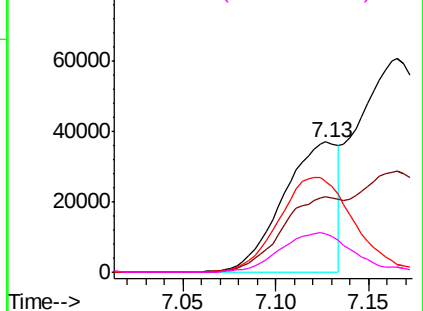
#41
Methacrylonitrile
Concen: 47.380 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

Tot Ion:	41	Resp:	76364
Ion	Ratio	Lower	Upper
41	100		
39	63.8	44.2	66.2
67	101.0	79.5	119.3
52	41.3	32.3	48.5

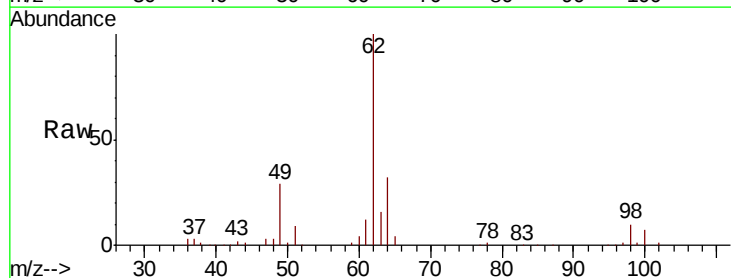


Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-1640) (-)

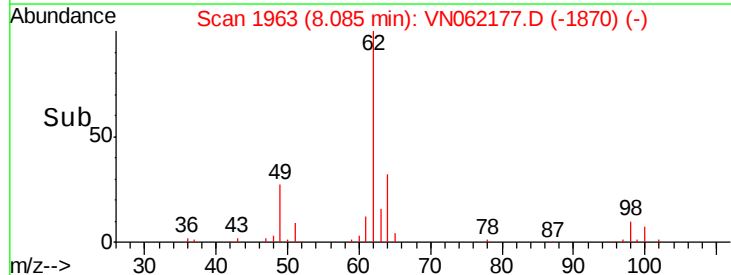
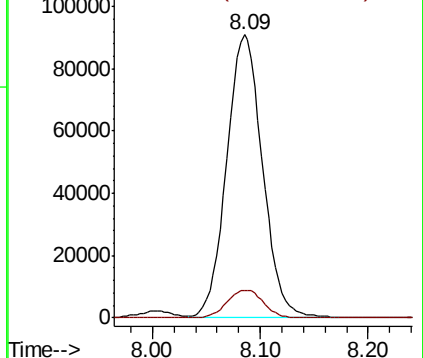


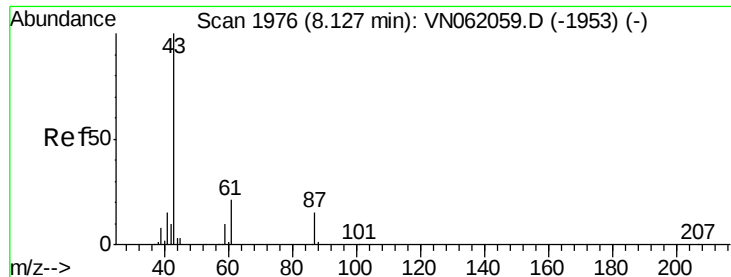
#42
1,2-Dichloroethane
Concen: 48.401 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion:	62	Resp:	209264
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VN062059.D (-1947) (-)





#43

Isopropyl Acetate

Concen: 47.527 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

56BR-20200622MS

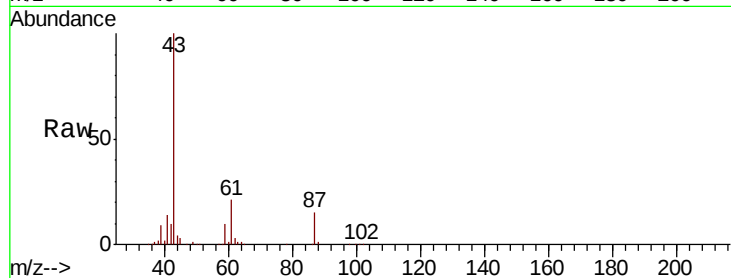
Tot Ion: 43 Resp: 269348

Ion Ratio Lower Upper

43 100

61 21.1 17.2 25.8

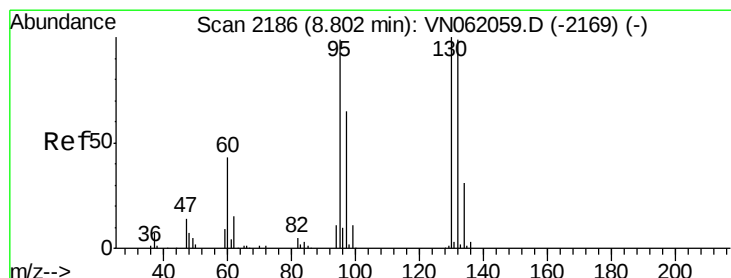
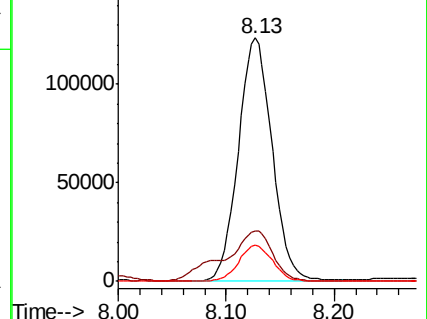
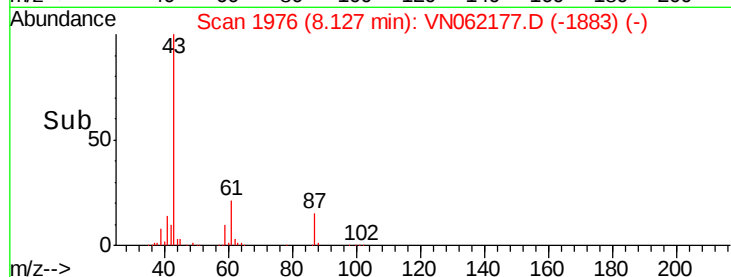
87 15.0 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062177.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062177.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062177.D (-1883) (-)



#44

Trichloroethene

Concen: 3999.529 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. 0.01 min

Lab File: VN062177.D

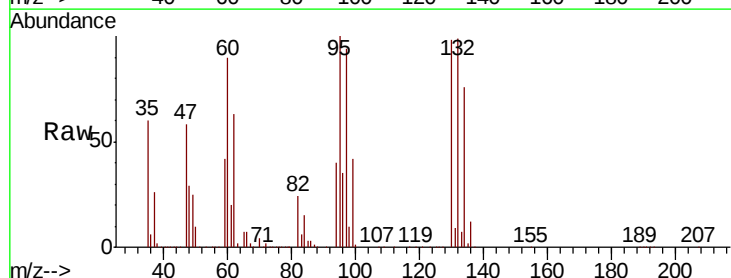
Acq: 27 Jun 2020 7:05

Tgt Ion:130 Resp:12910423

Ion Ratio Lower Upper

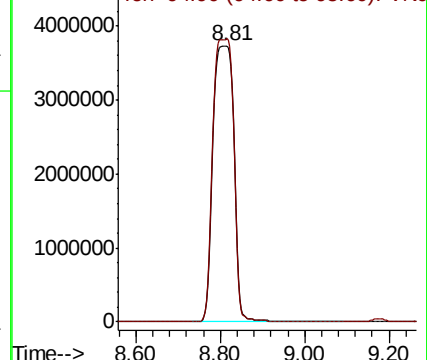
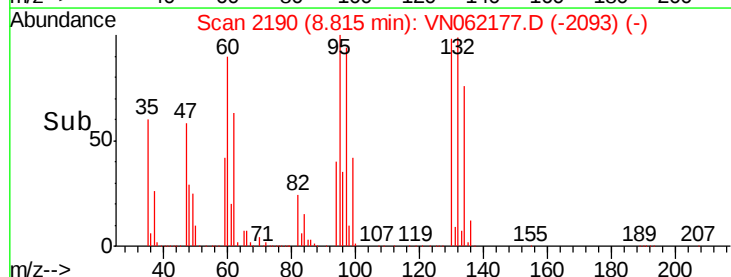
130 100

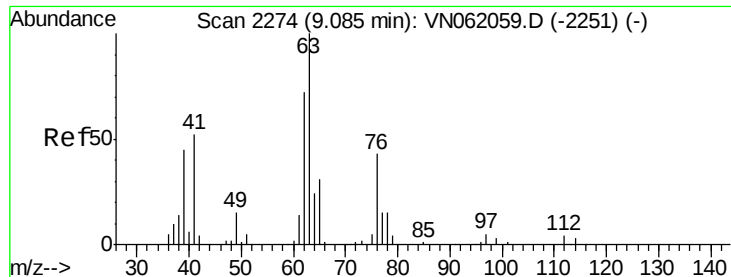
95 102.5 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062177.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062177.D (-2093) (-)

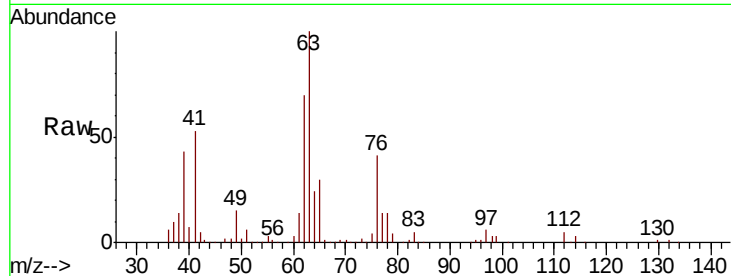




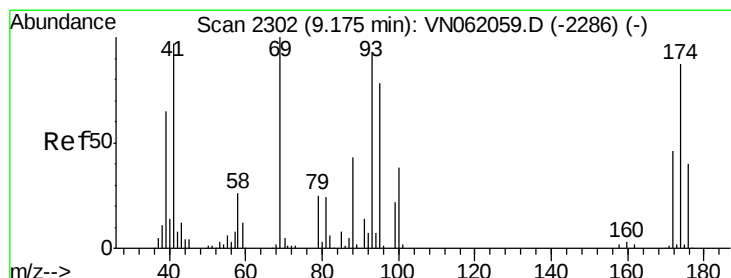
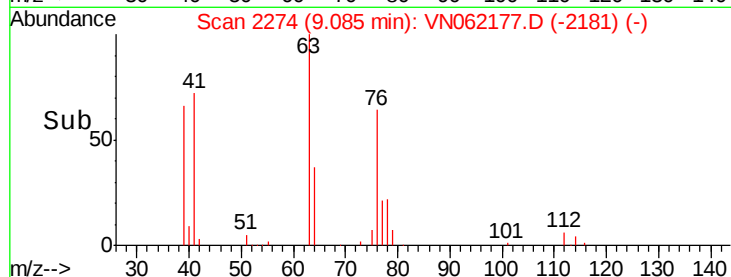
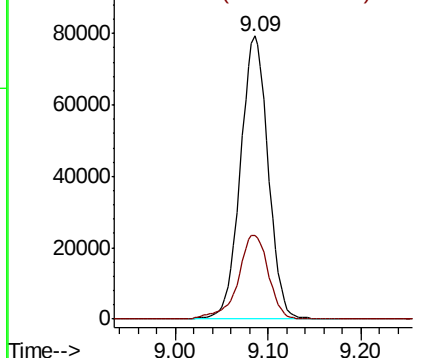
#45
 1,2-Dichloropropane
 Concen: 52.107 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622MS

Tot Ion: 63 Resp: 164500
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.4

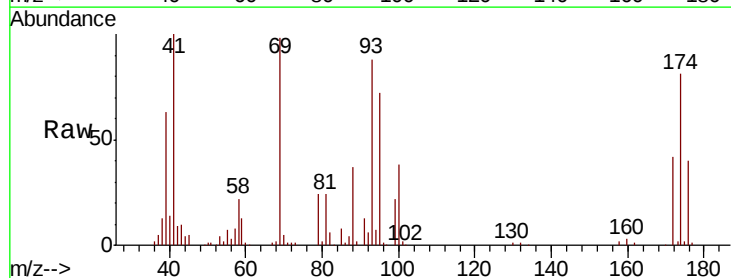


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 64.90 (64.60 to 65.60): VN0

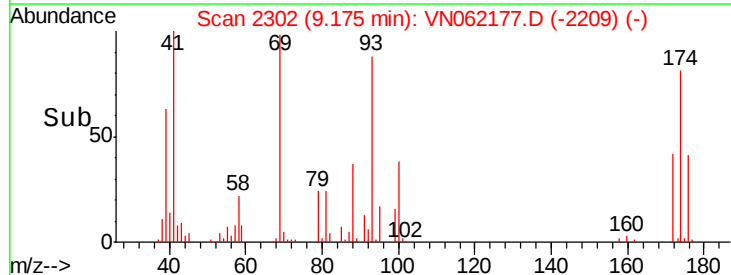
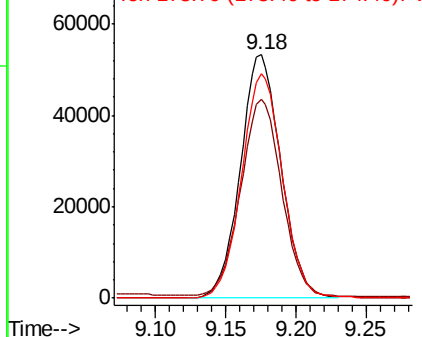


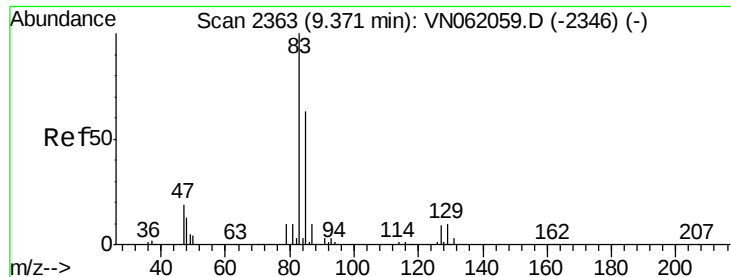
#46
 Dibromomethane
 Concen: 50.082 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

Tgt Ion: 93 Resp: 107199
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.0 100.6
 174 92.8 74.4 111.6



Abundance Ion 92.80 (92.50 to 93.50): VN0
 Ion 94.80 (94.50 to 95.50): VN0
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.844 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

56BR-20200622MS

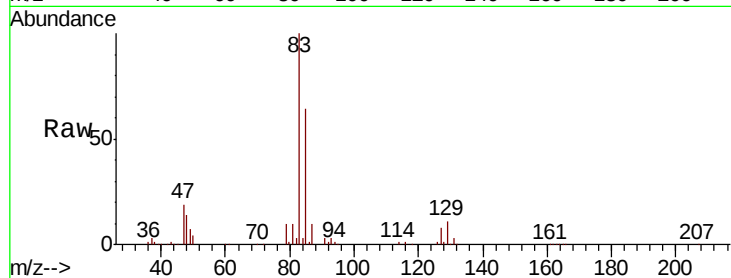
Tot Ion: 83 Resp: 224062

Ion Ratio Lower Upper

83 100

85 63.7 50.3 75.5

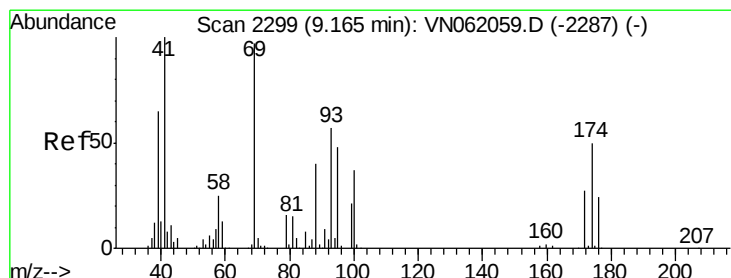
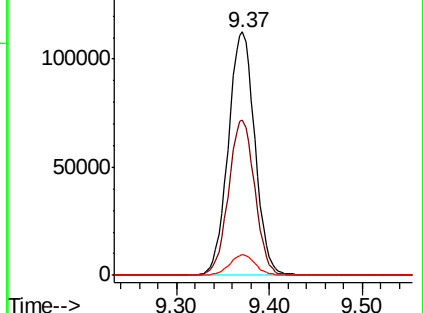
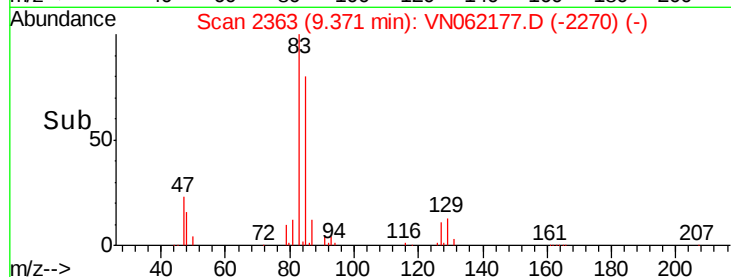
127 8.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062177.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062177.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062177.D (-2270) (-)



#48

Methyl methacrylate

Concen: 55.323 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

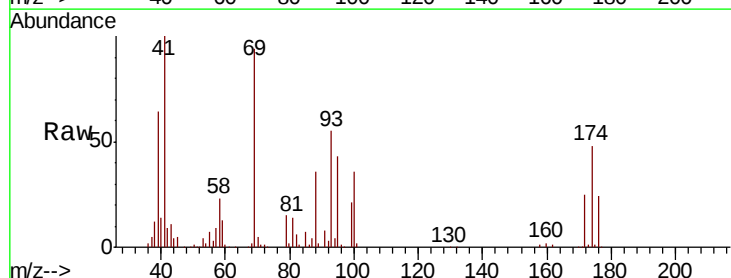
Tgt Ion: 41 Resp: 140578

Ion Ratio Lower Upper

41 100

69 97.2 80.7 121.1

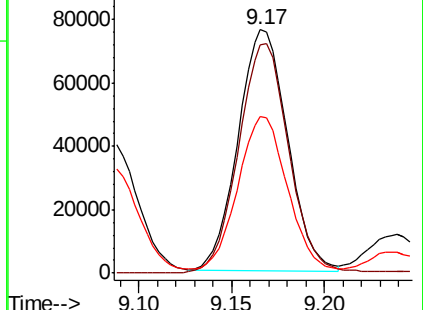
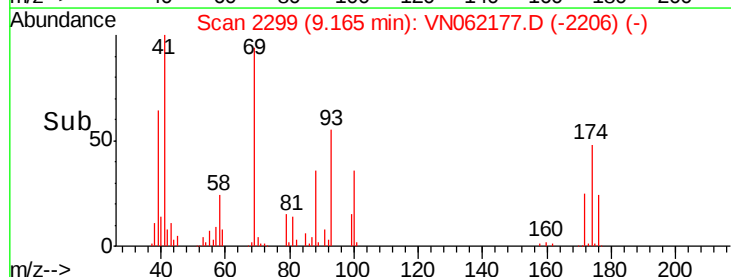
39 66.0 54.5 81.7

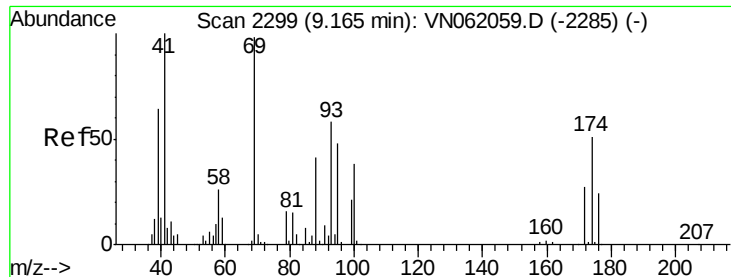


Abundance Ion 41.00 (40.70 to 41.70): VN062177.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062177.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062177.D (-2206) (-)

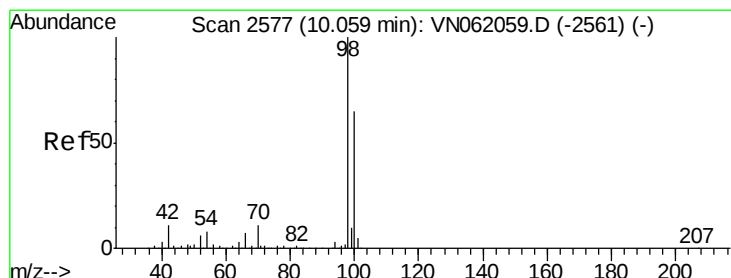
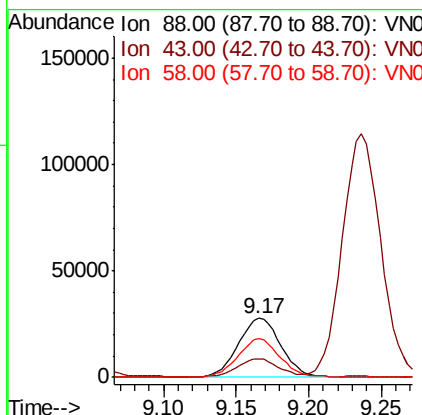
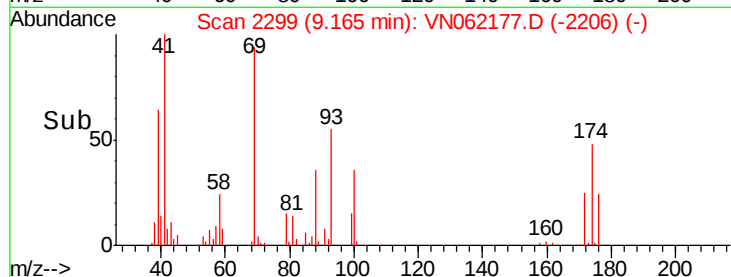
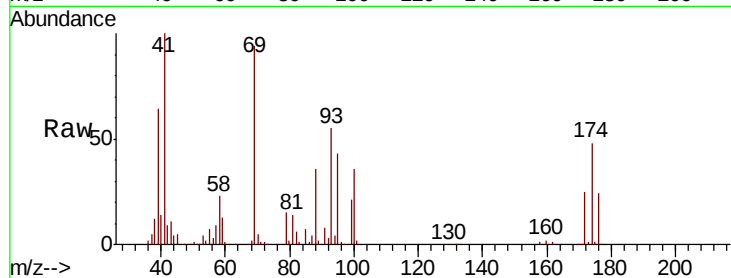




#49
1,4-Dioxane
Concen: 1009.440 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

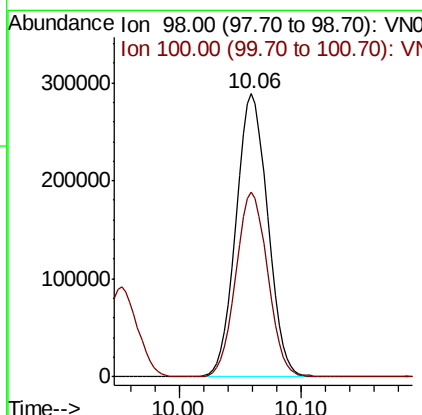
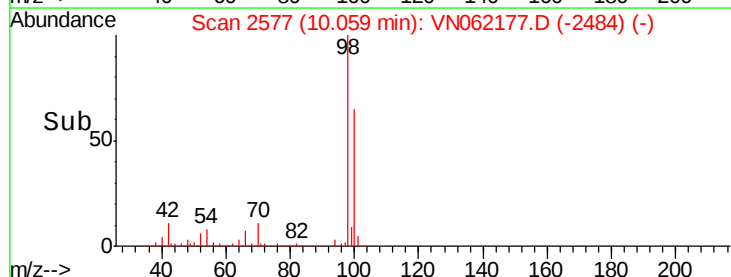
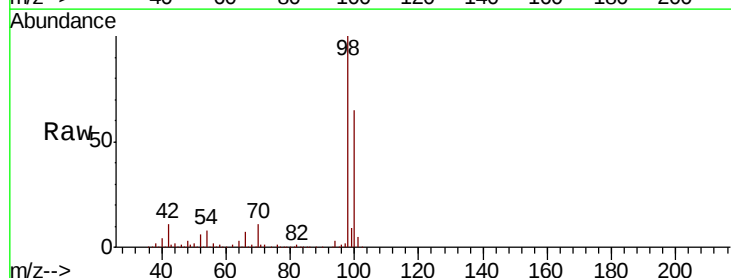
Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

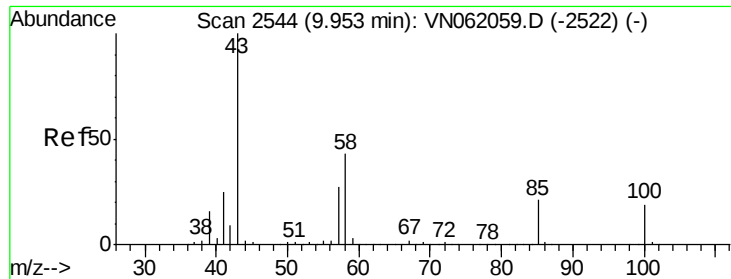
Tot Ion: 88 Resp: 56883
Ion Ratio Lower Upper
88 100
43 28.0 22.0 33.0
58 63.9 49.2 73.8



#50
Toluene-d8
Concen: 48.659 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion: 98 Resp: 521218
Ion Ratio Lower Upper
98 100
100 65.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 272.204 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

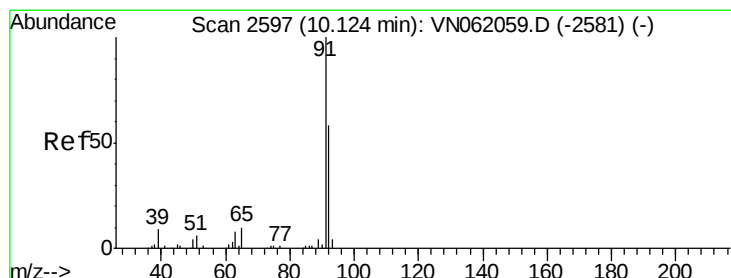
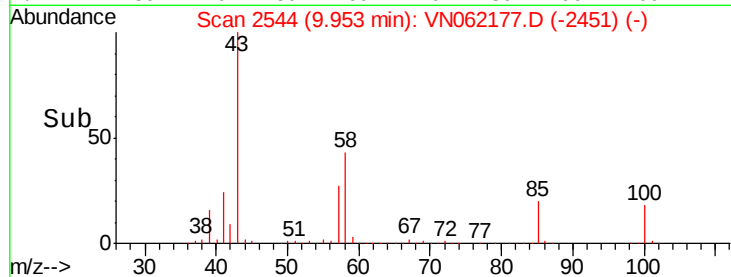
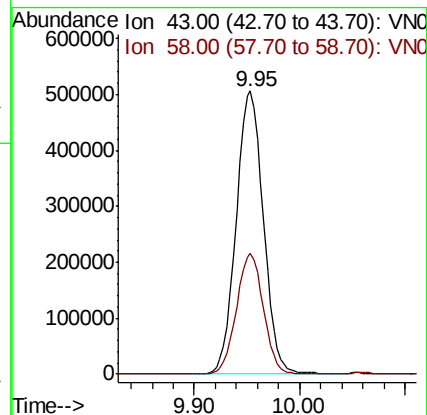
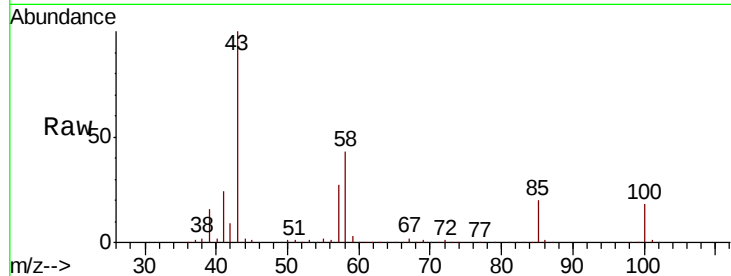
Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

Tot Ion: 43 Resp: 901310

Ion Ratio Lower Upper

43 100

58 42.3 34.2 51.2



#52

Toluene

Concen: 50.106 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062177.D

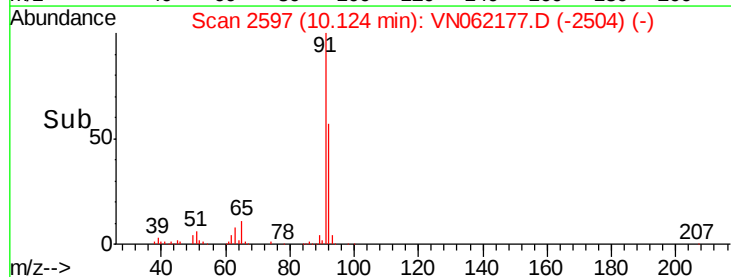
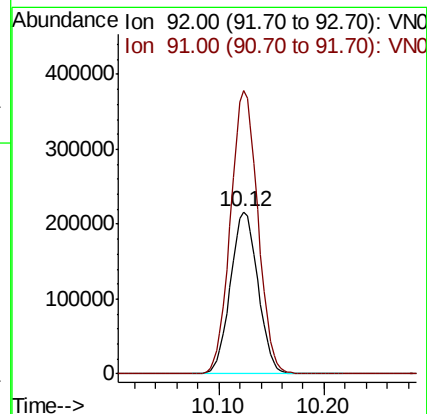
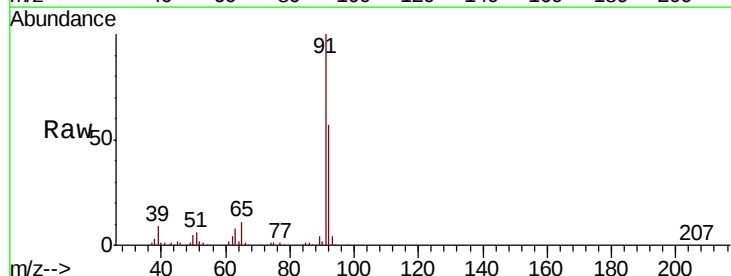
Acq: 27 Jun 2020 7:05

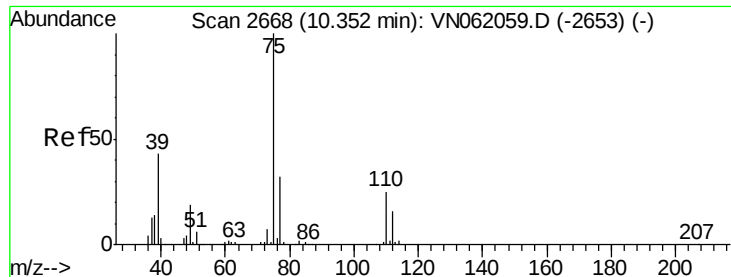
Tgt Ion: 92 Resp: 391221

Ion Ratio Lower Upper

92 100

91 173.6 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 48.644 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

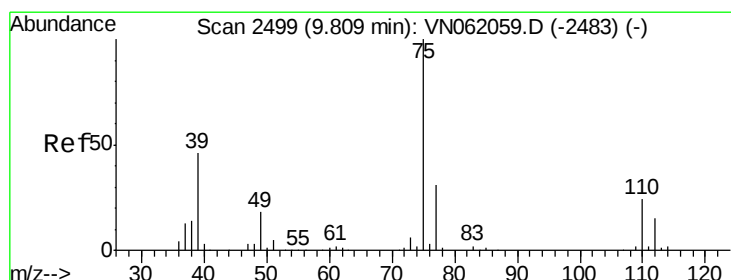
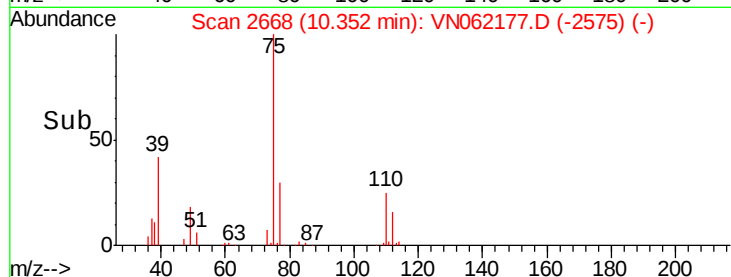
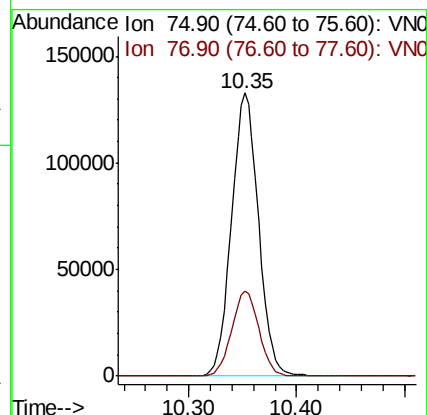
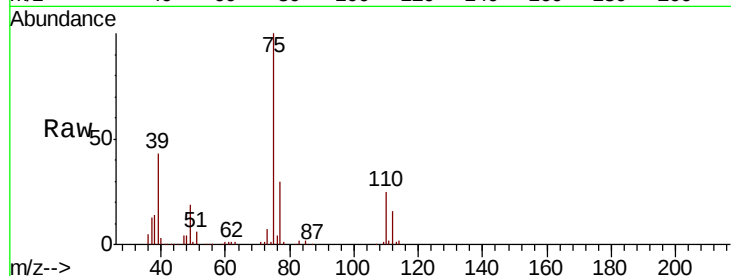
56BR-20200622MS

Tot Ion: 75 Resp: 231295

Ion Ratio Lower Upper

75 100

77 29.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 48.676 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

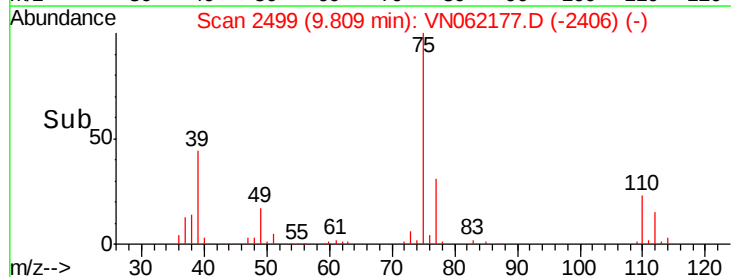
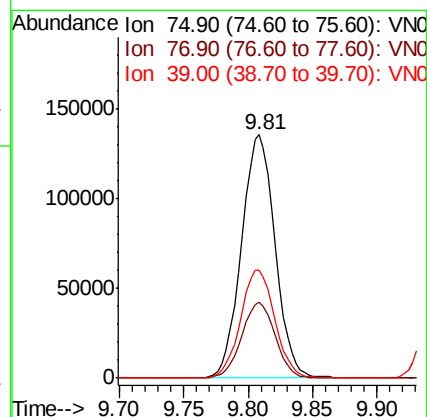
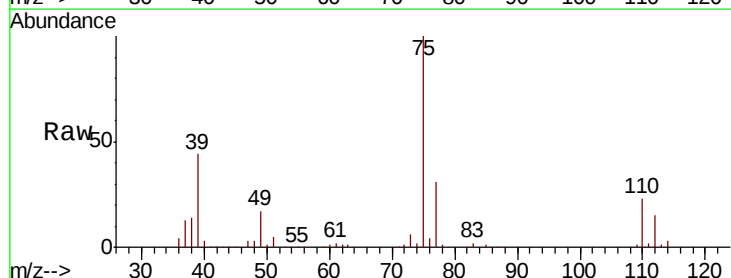
Tgt Ion: 75 Resp: 246411

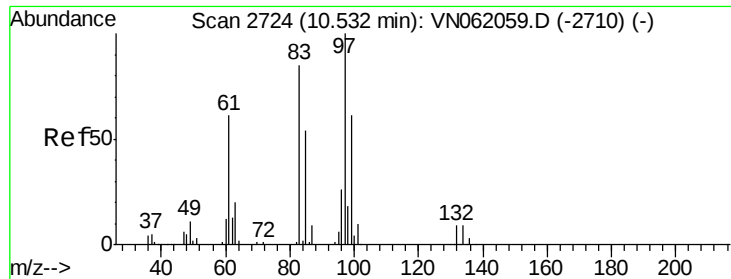
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 44.5 36.9 55.3

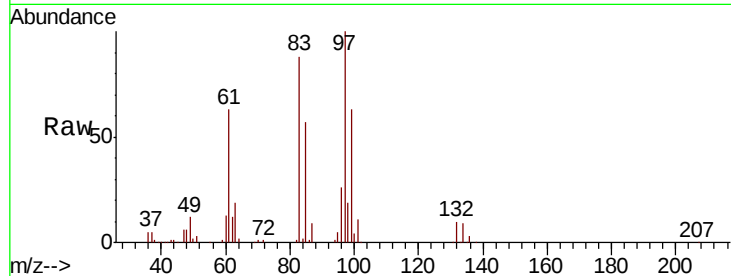




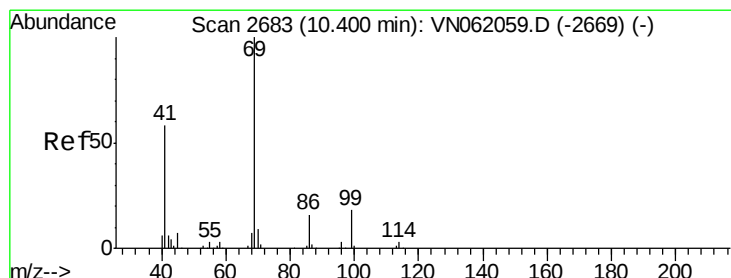
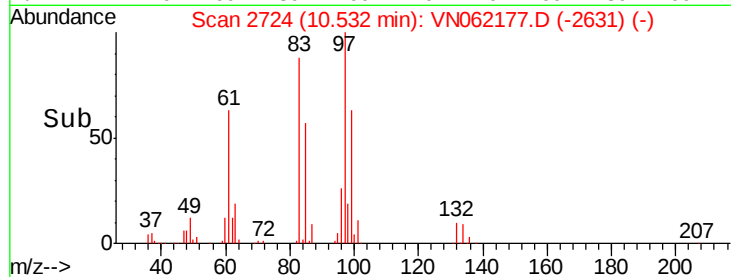
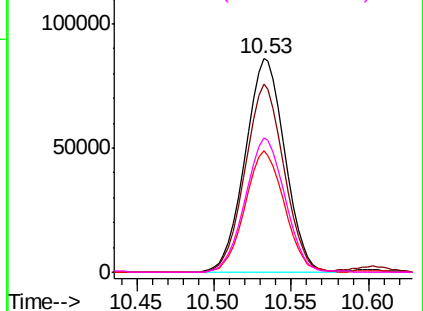
#55
 1,1,2-Trichloroethane
 Concen: 50.211 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622MS

Tot Ion:	97	Resp:	154109
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.2	102.2
85	56.8	43.2	64.8
99	62.7	48.5	72.7

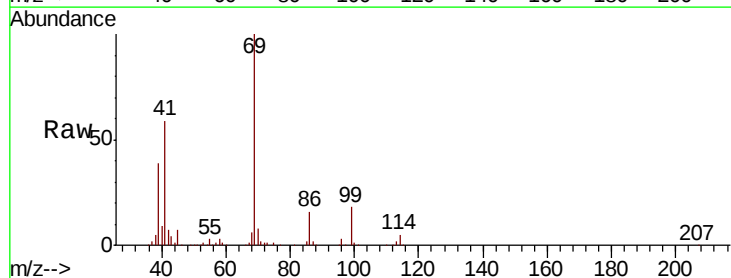


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

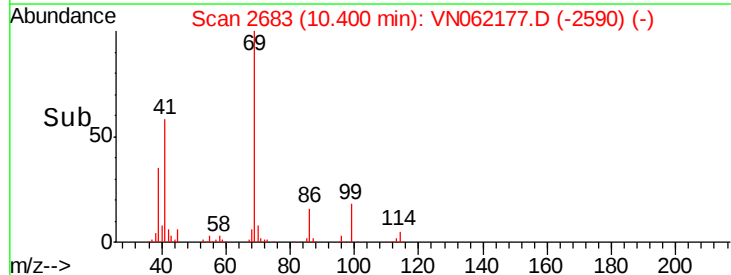
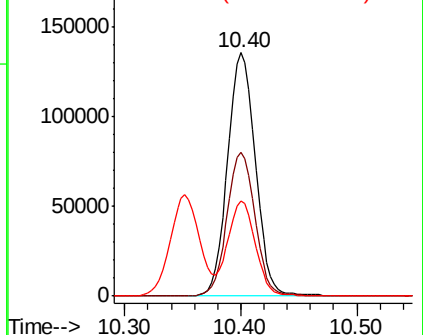


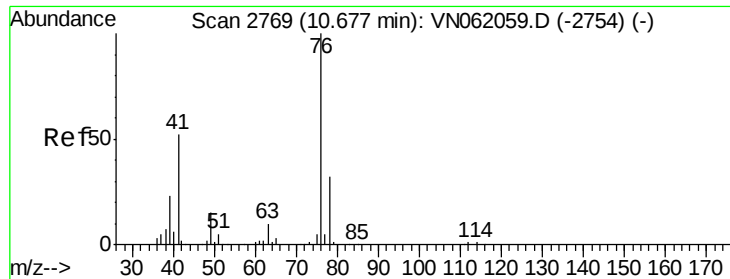
#56
 Ethyl methacrylate
 Concen: 55.278 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

Tgt Ion:	69	Resp:	226419
Ion	Ratio	Lower	Upper
69	100		
41	58.5	46.6	70.0
39	38.4	31.0	46.4



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





#57

1,3-Dichloropropane

Concen: 50.936 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

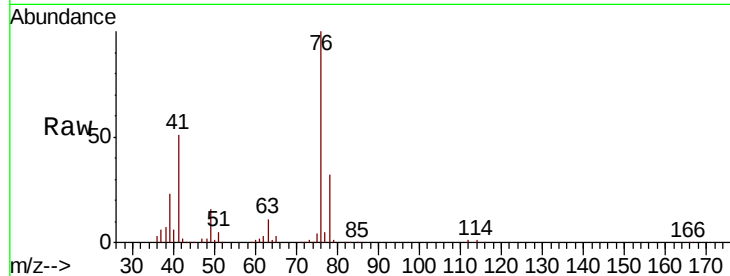
56BR-20200622MS

Tot Ion: 76 Resp: 269088

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN062177.D (-2676) (-)

Ion 77.90 (77.60 to 78.60): VN062177.D (-2676) (-)

10.68

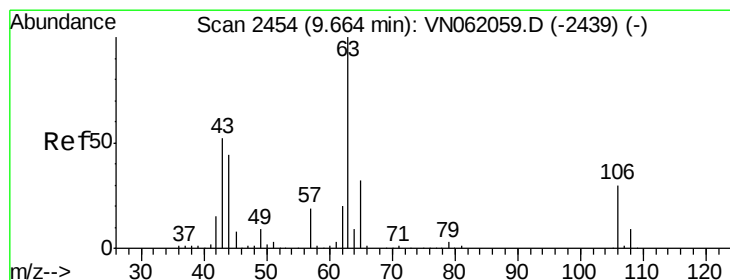
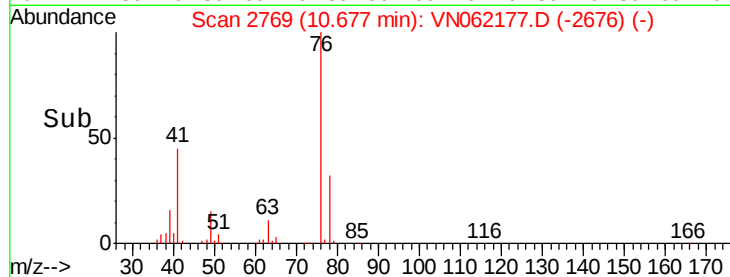
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 16.805 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.15 min

Lab File: VN062177.D

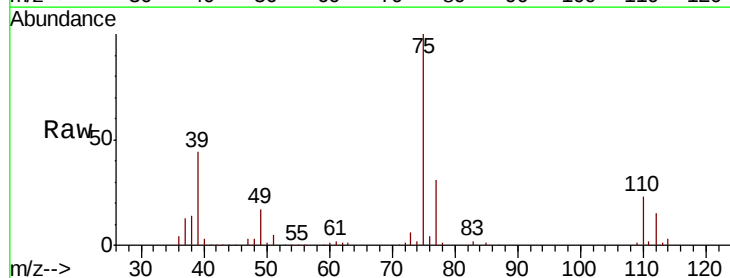
Acq: 27 Jun 2020 7:05

Tgt Ion: 63 Resp: 1309

Ion Ratio Lower Upper

63 100

106 0.0 23.2 34.8#



Abundance Ion 62.90 (62.60 to 63.60): VN062177.D (-2360) (-)

Ion 105.90 (105.60 to 106.60): VN062177.D (-2360) (-)

9.81

800

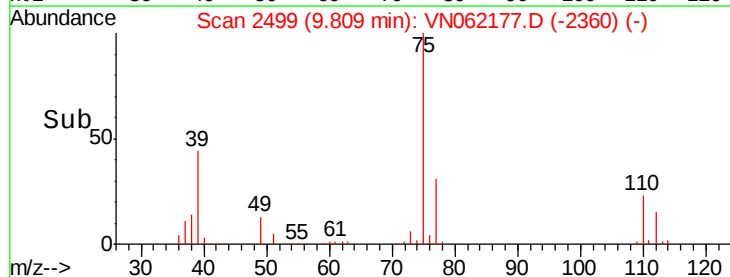
600

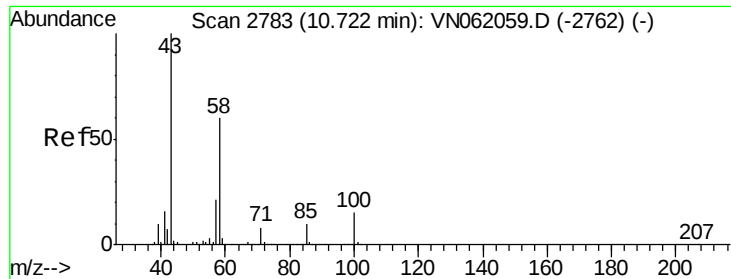
400

200

0

Time-->

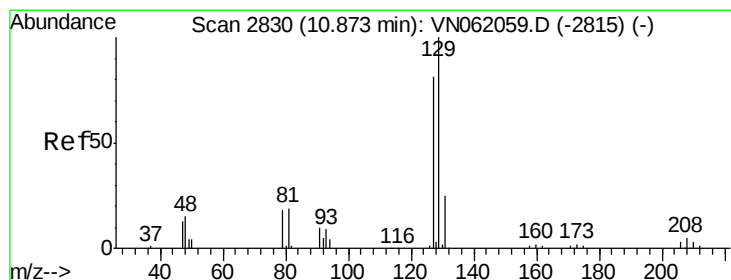
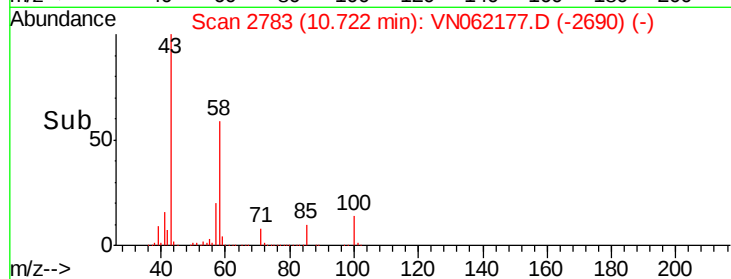
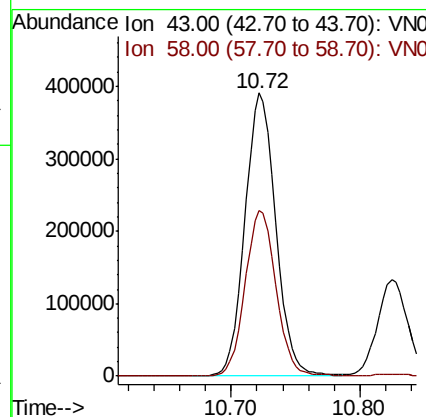
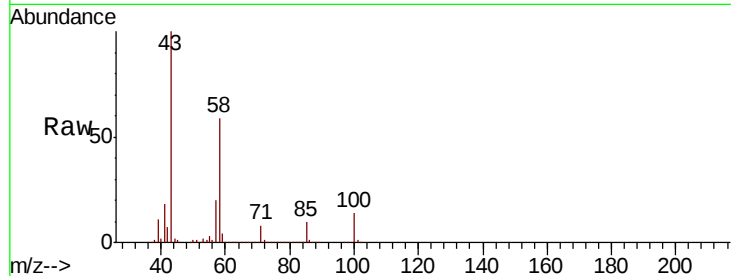




#59
2-Hexanone
Concen: 271.461 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

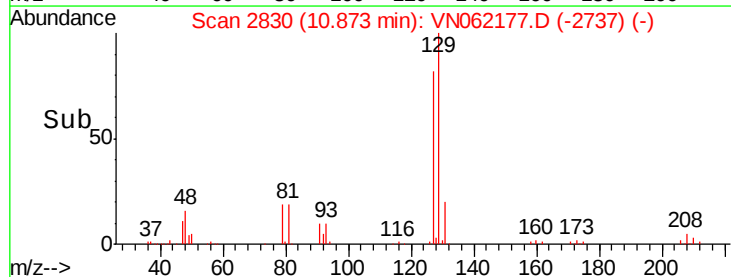
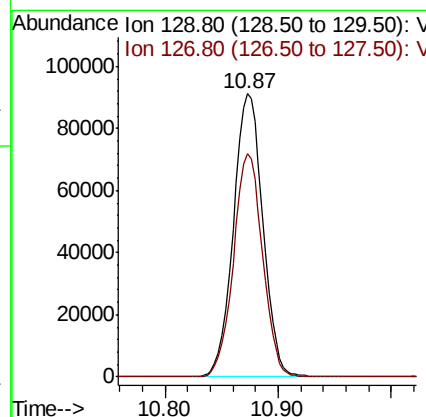
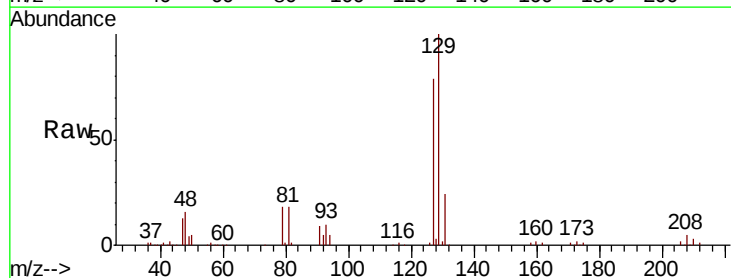
Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

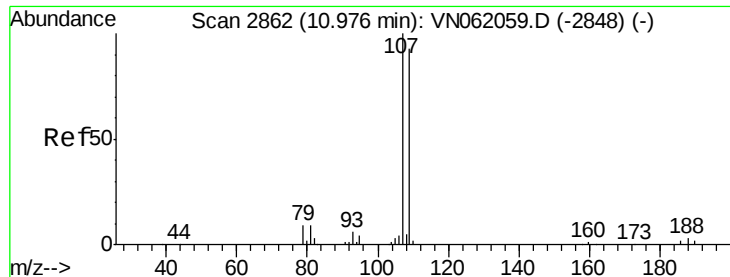
Tot Ion: 43 Resp: 649058
Ion Ratio Lower Upper
43 100
58 58.9 29.5 88.5



#60
Dibromochloromethane
Concen: 50.852 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion: 129 Resp: 165241
Ion Ratio Lower Upper
129 100
127 77.7 39.5 118.5

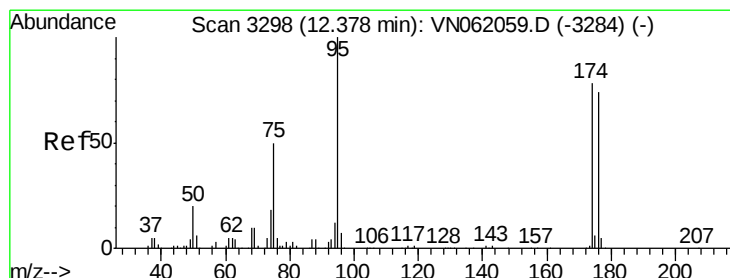
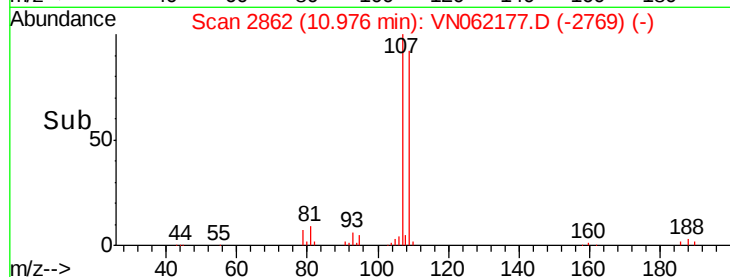
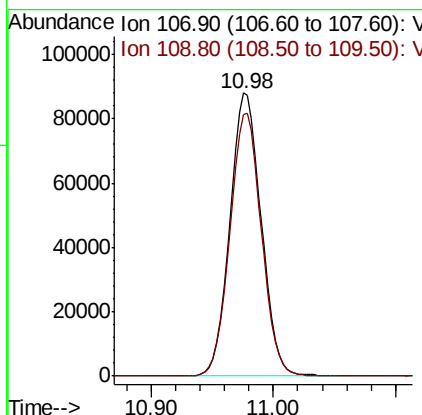
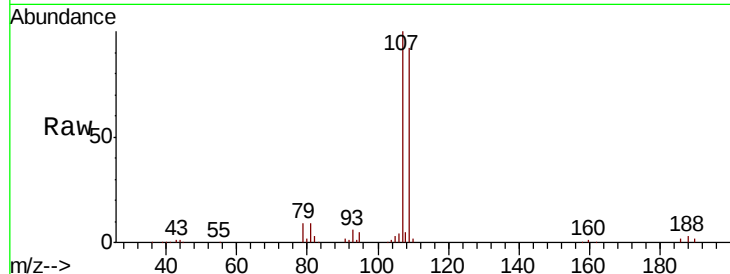




#61
 1,2-Dibromoethane
 Concen: 49.657 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

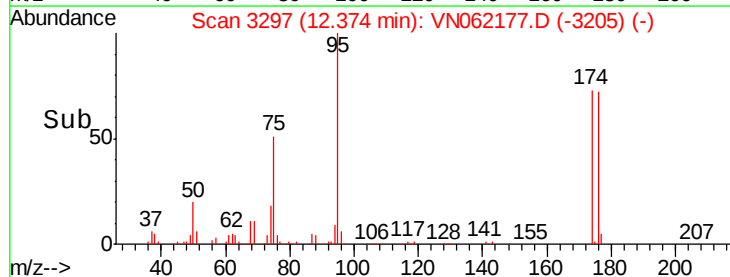
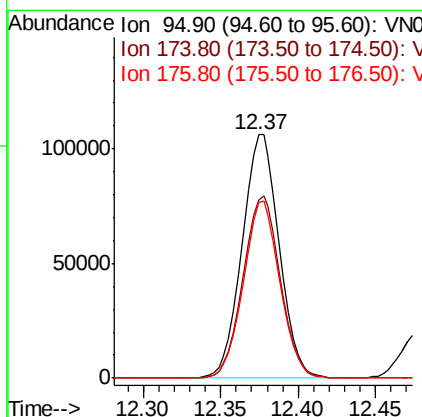
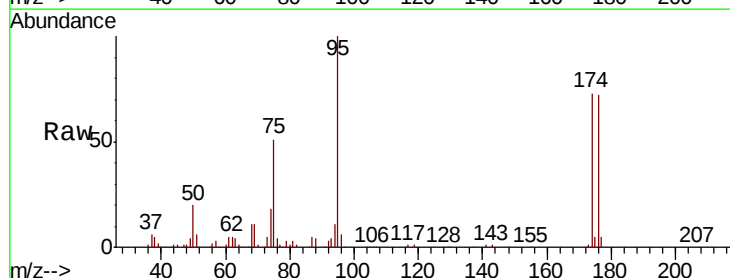
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622MS

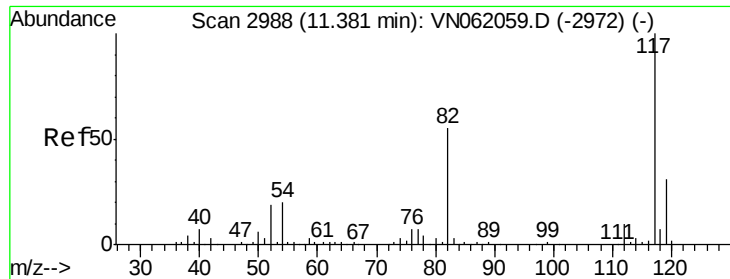
Tot Ion: 107 Resp: 156601
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.861 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

Tgt Ion: 95 Resp: 176829
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 154.8
 176 71.8 0.0 147.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

56BR-20200622MS

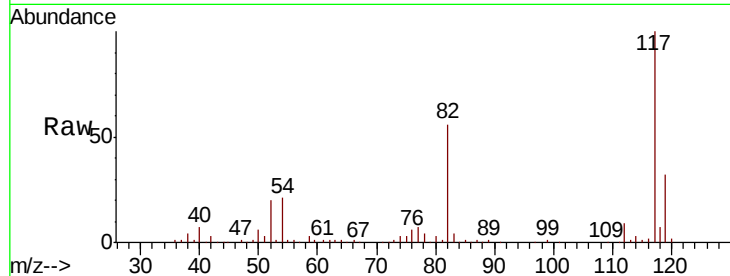
Tot Ion:117 Resp: 394329

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 32.0 25.2 37.8

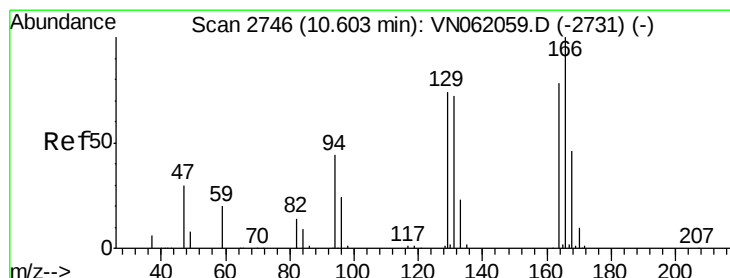
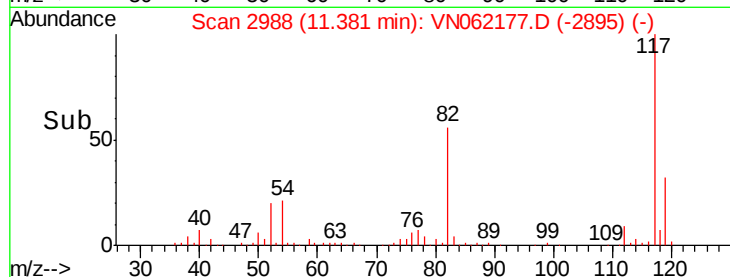
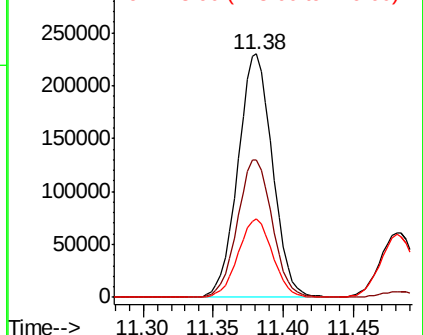


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 53.740 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Tgt Ion:164 Resp: 144755

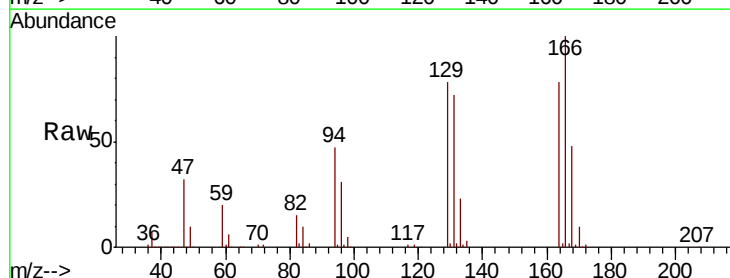
Ion Ratio Lower Upper

164 100

166 127.4 102.9 154.3

129 99.1 75.8 113.8

131 91.9 73.8 110.6



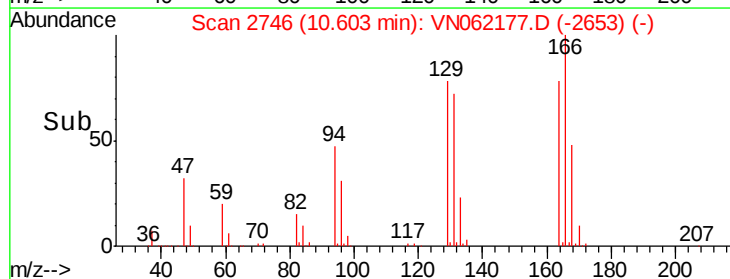
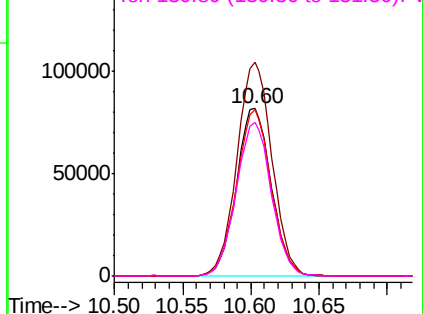
Abundance

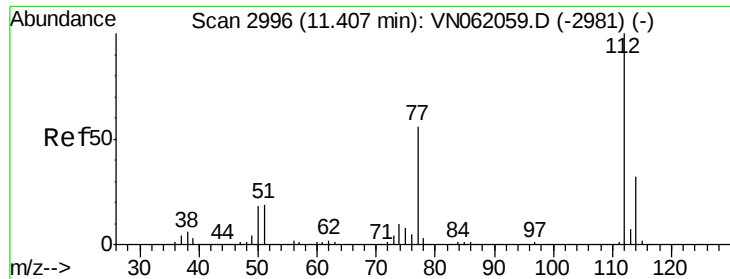
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

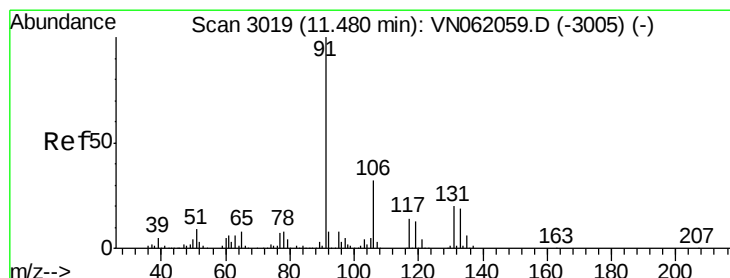
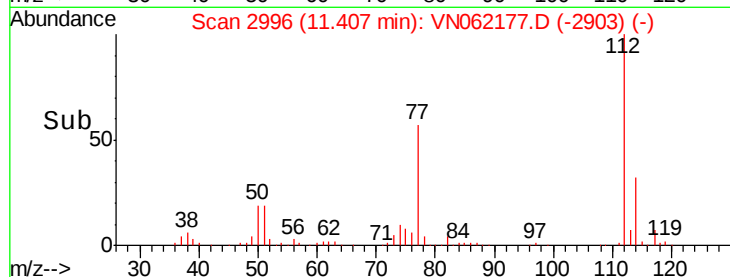
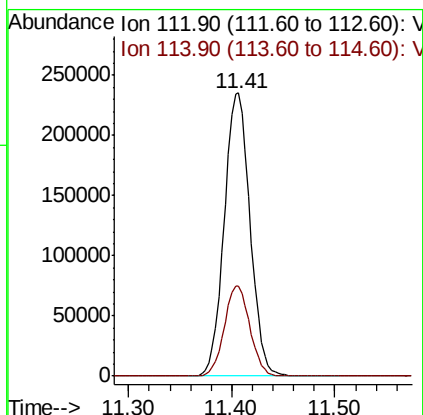
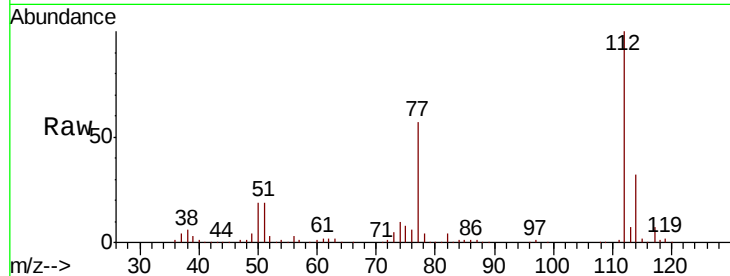




#65
Chlorobenzene
Concen: 47.427 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

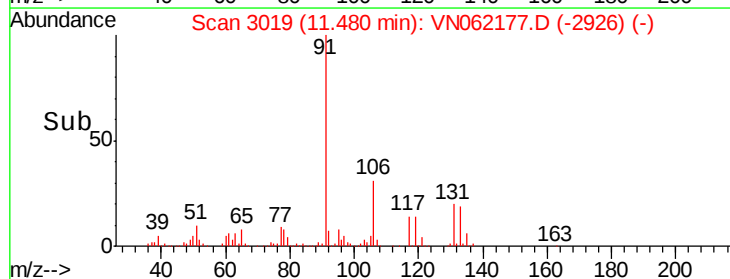
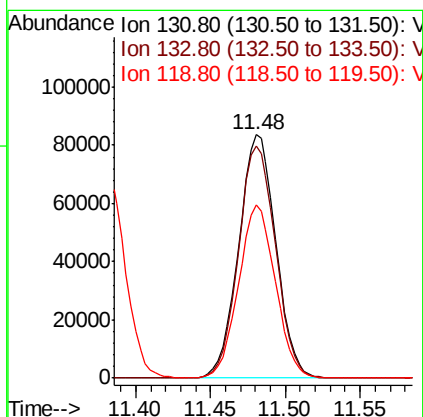
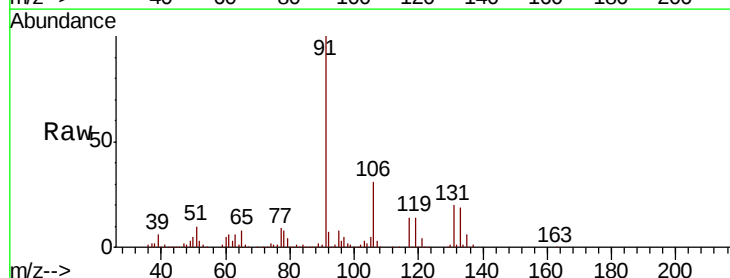
Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

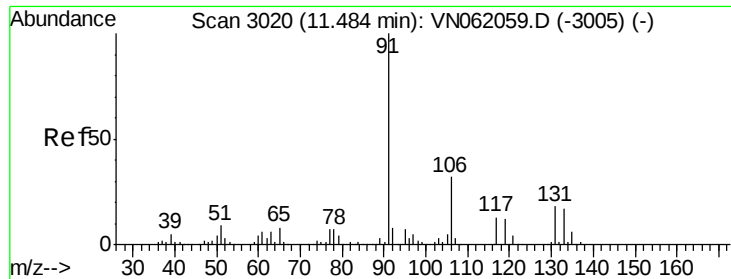
Tot Ion:112 Resp: 410699
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.256 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion:131 Resp: 144498
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 70.6 34.4 103.3

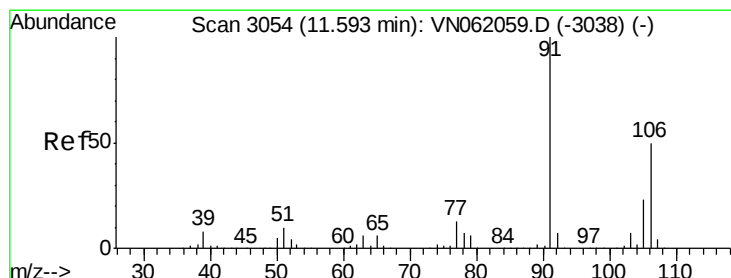
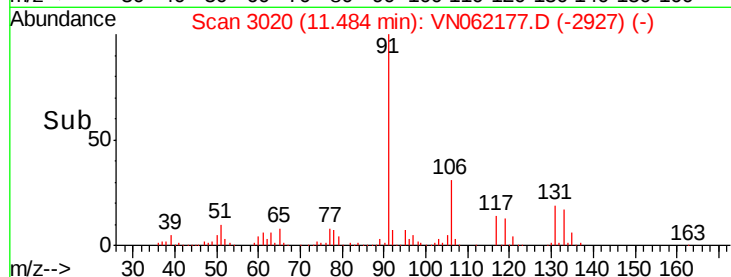
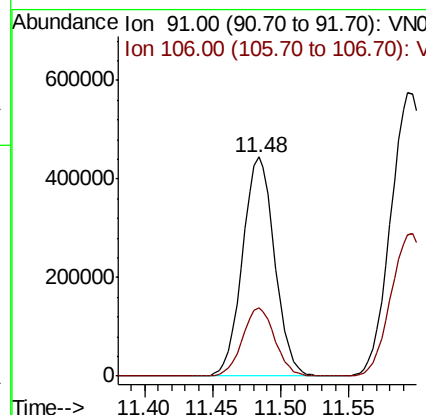
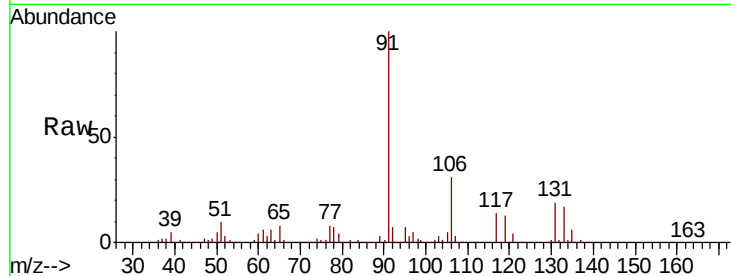




#67
Ethyl Benzene
Concen: 49.715 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

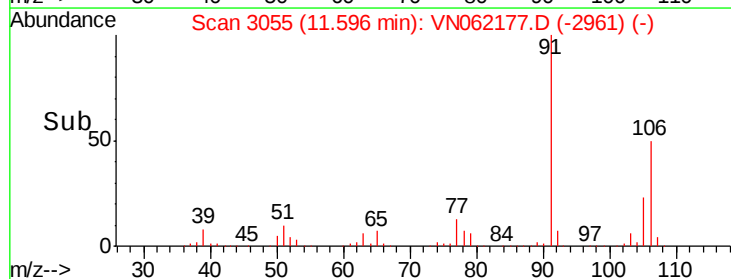
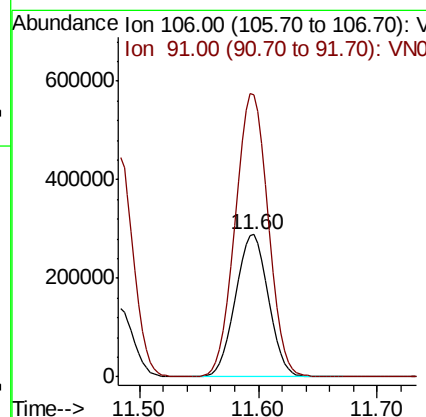
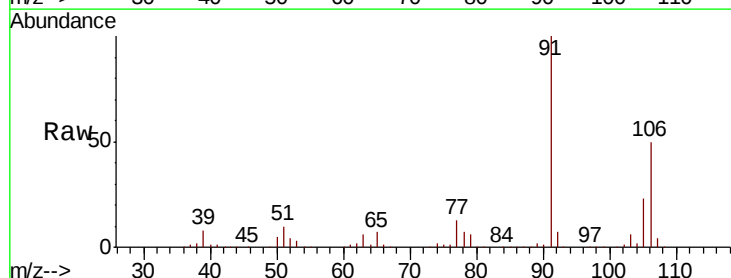
Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

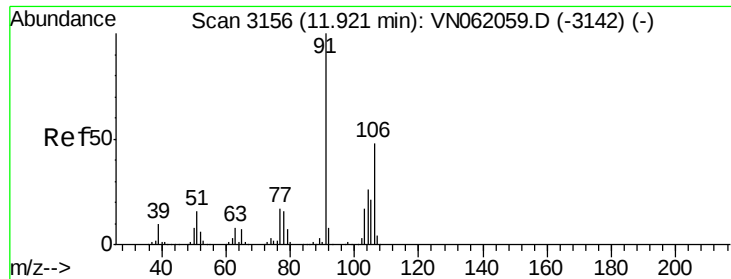
Tot Ion: 91 Resp: 727070
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9



#68
m/p-Xylenes
Concen: 97.936 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion: 106 Resp: 553992
Ion Ratio Lower Upper
106 100
91 199.1 157.8 236.8

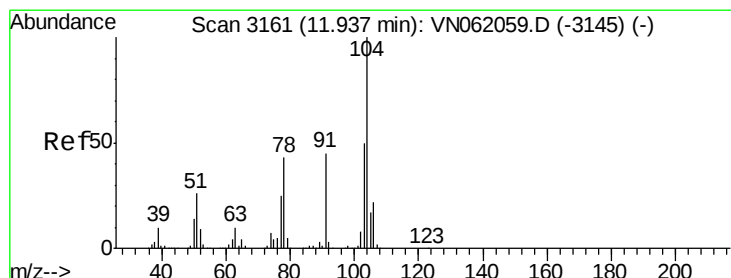
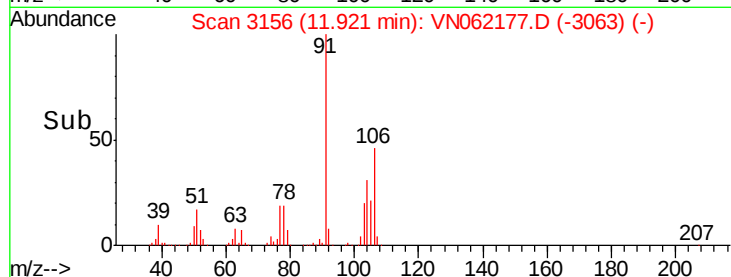
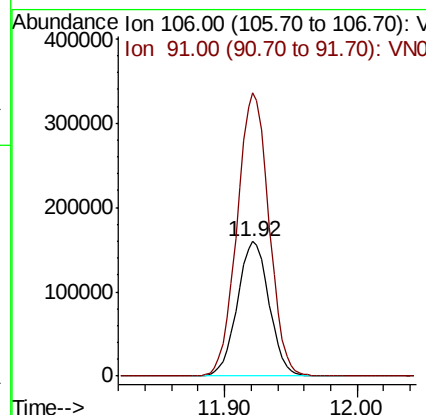
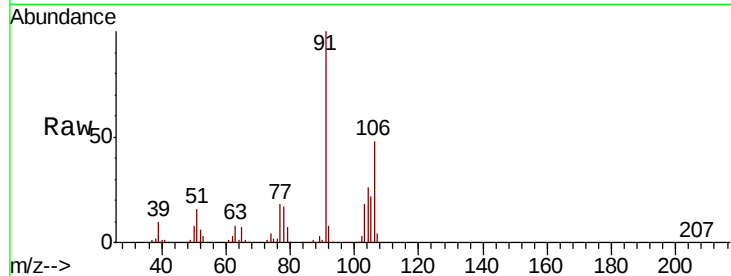




#69
o-Xylene
Concen: 49.782 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

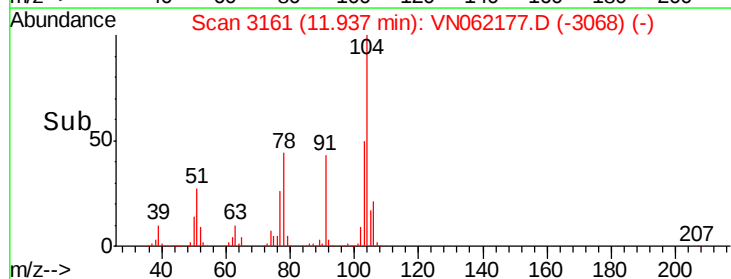
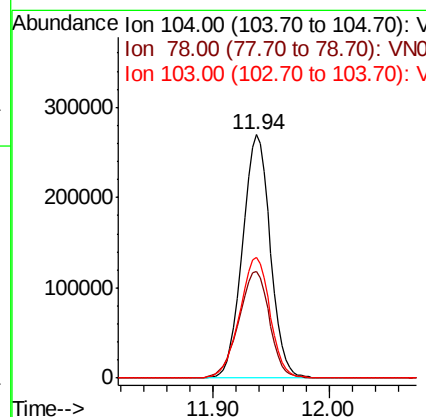
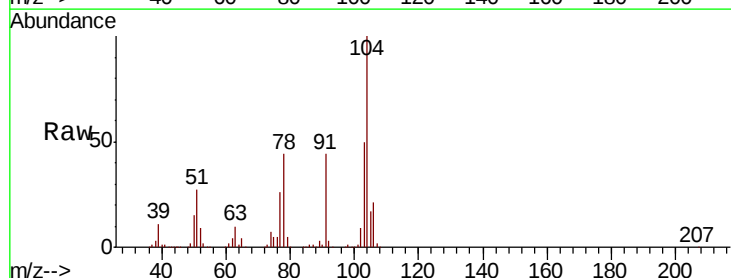
Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

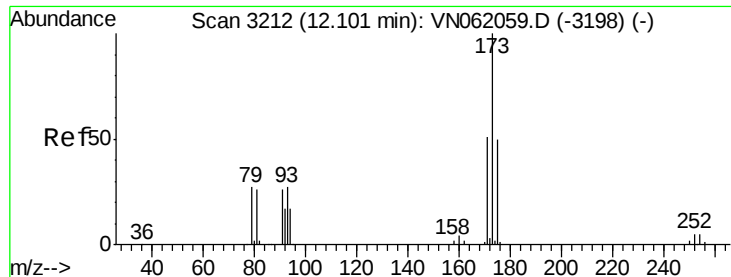
Tot Ion:106 Resp: 265694
Ion Ratio Lower Upper
106 100
91 210.8 104.0 311.9



#70
Styrene
Concen: 50.443 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion:104 Resp: 448986
Ion Ratio Lower Upper
104 100
78 48.6 37.7 56.5
103 54.3 43.0 64.6

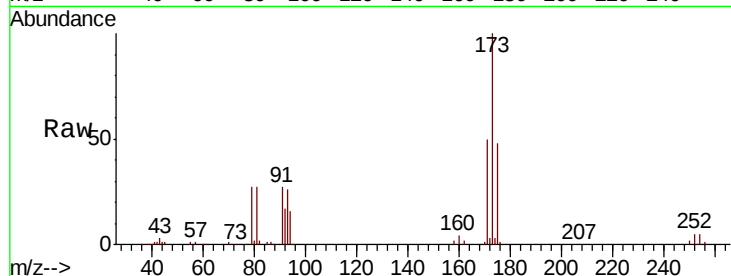




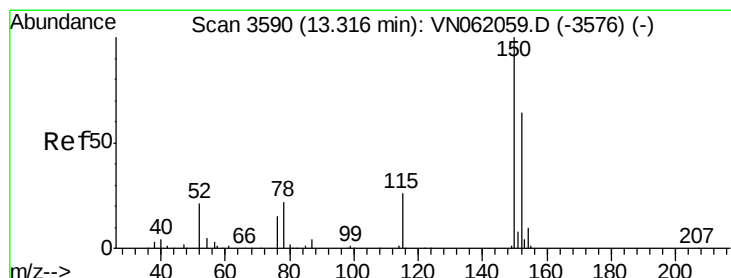
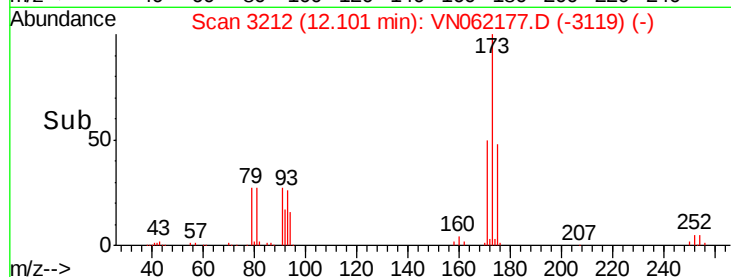
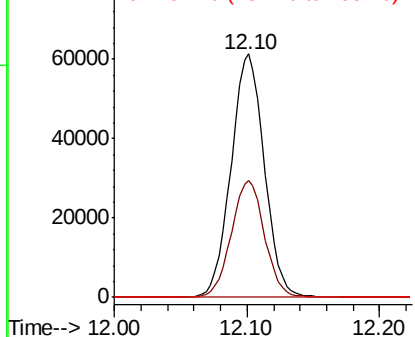
#71
Bromoform
Concen: 50.080 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

Tot Ion:173 Resp: 106621
Ion Ratio Lower Upper
173 100
175 48.0 24.7 74.1
254 0.0 0.0 0.0

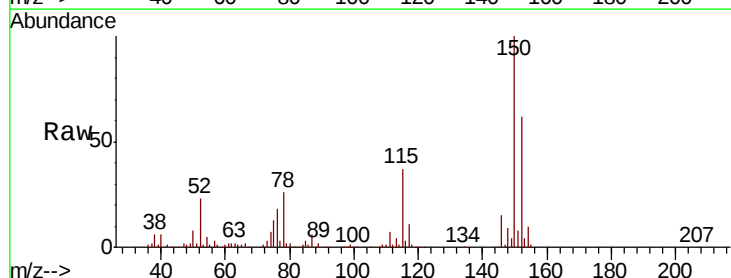


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

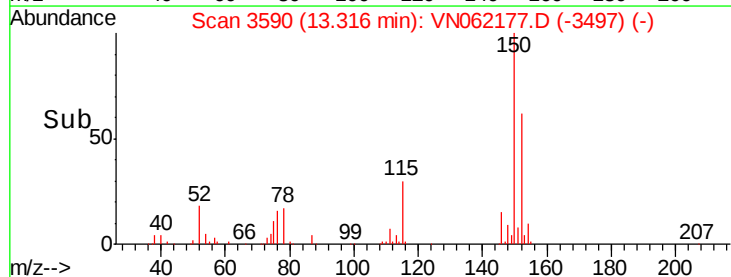
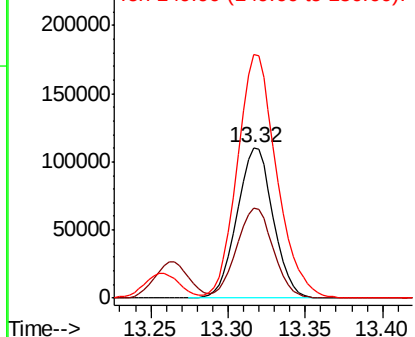


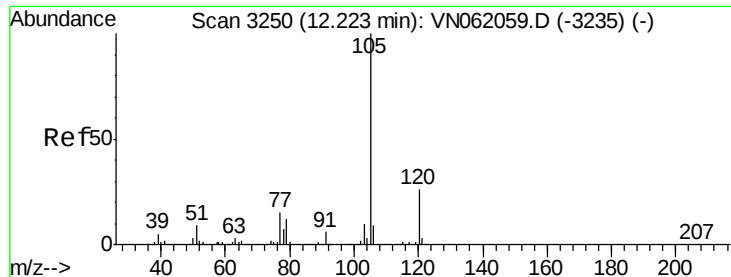
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion:152 Resp: 178852
Ion Ratio Lower Upper
152 100
115 60.7 29.5 88.5
150 176.0 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

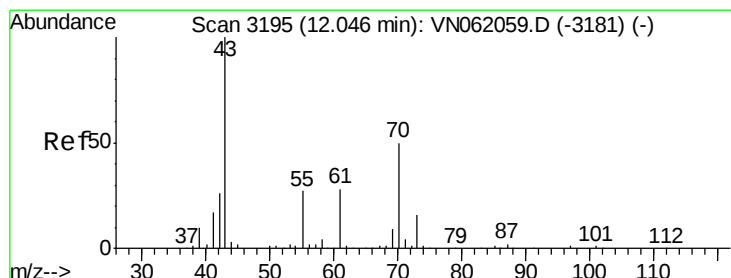
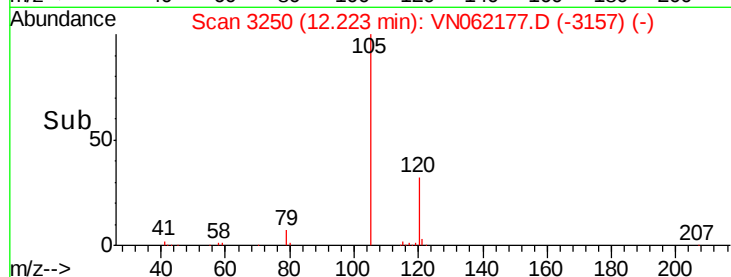
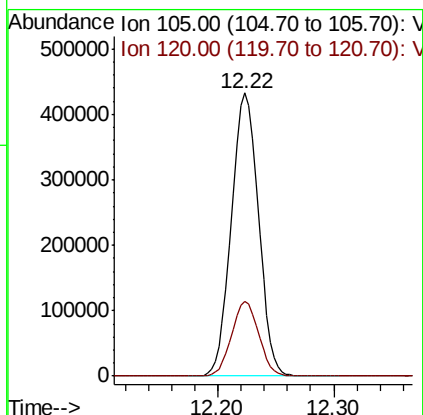
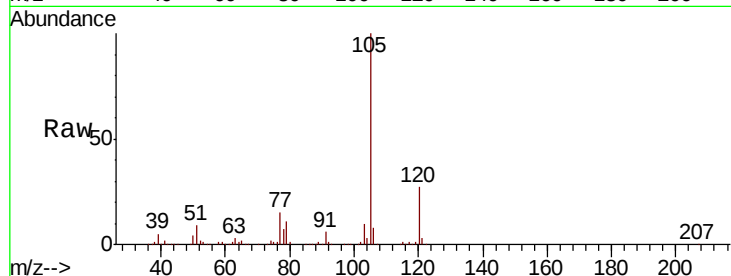




#73
Isopropylbenzene
Concen: 50.326 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

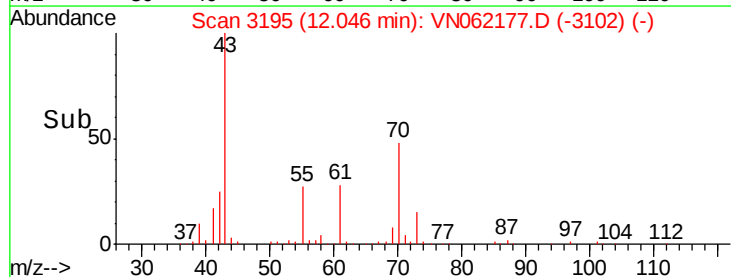
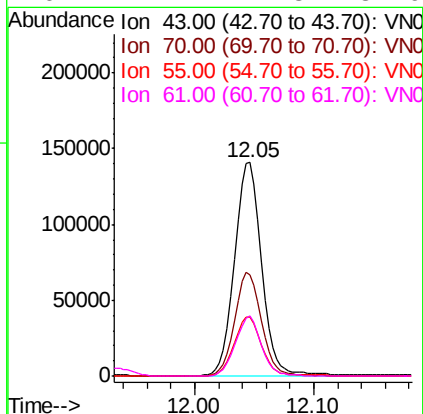
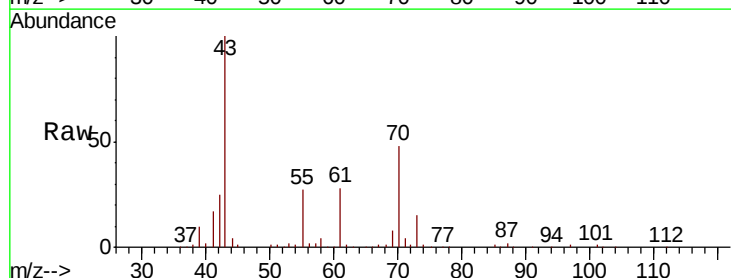
Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

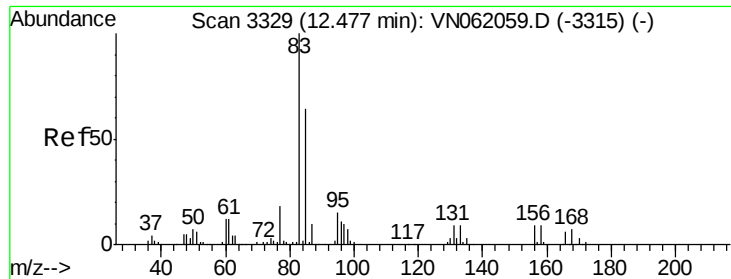
Tot Ion:105 Resp: 696748
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 43.948 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion: 43 Resp: 221766
Ion Ratio Lower Upper
43 100
70 48.4 39.4 59.2
55 28.3 21.7 32.5
61 27.1 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.514 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

56BR-20200622MS

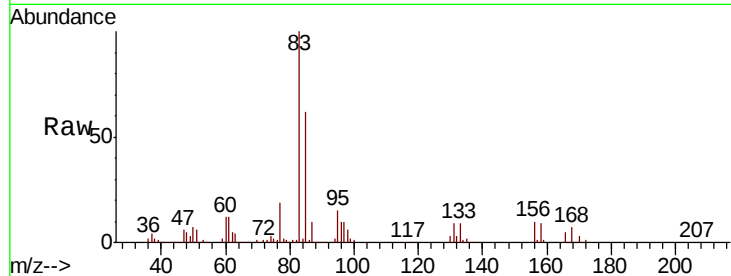
Tot Ion: 83 Resp: 228117

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.4

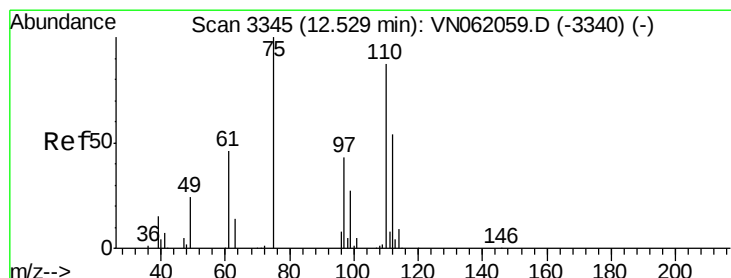
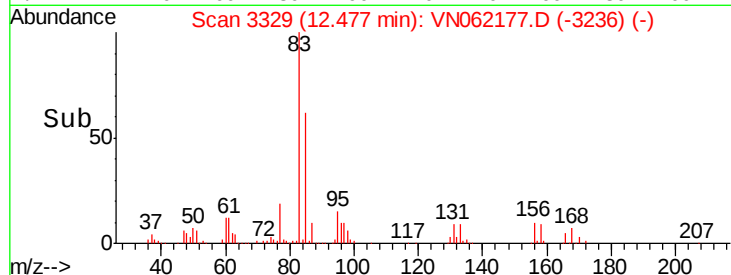
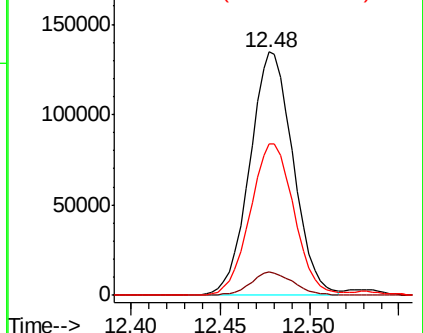
85 63.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062177.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062177.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062177.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 64.928 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062177.D

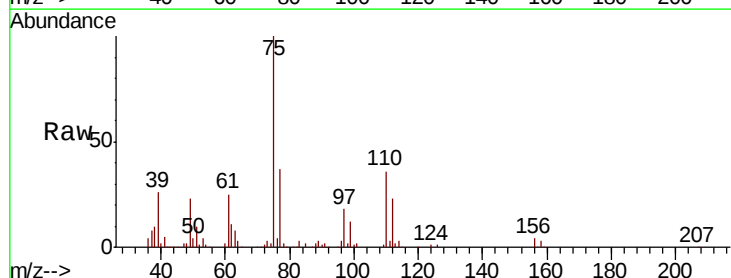
Acq: 27 Jun 2020 7:05

Tgt Ion: 75 Resp: 273369

Ion Ratio Lower Upper

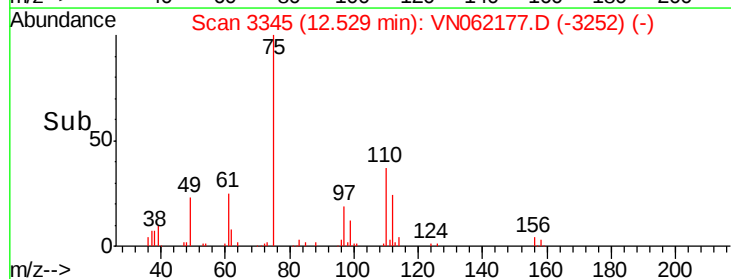
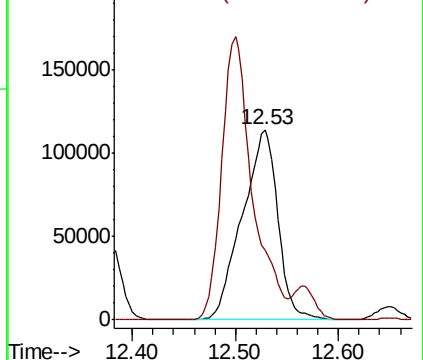
75 100

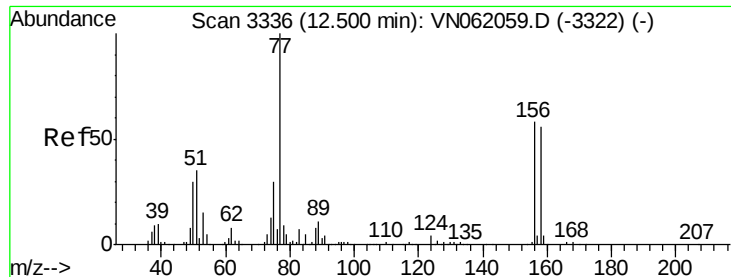
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062177.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062177.D (-3252) (-)





#77

Bromobenzene

Concen: 47.957 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

56BR-20200622MS

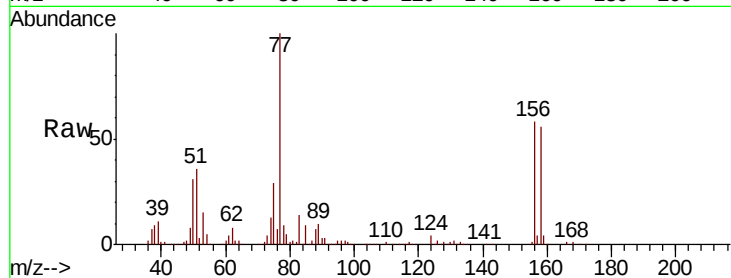
Tot Ion:156 Resp: 164835

Ion Ratio Lower Upper

156 100

77 214.5 104.6 313.8

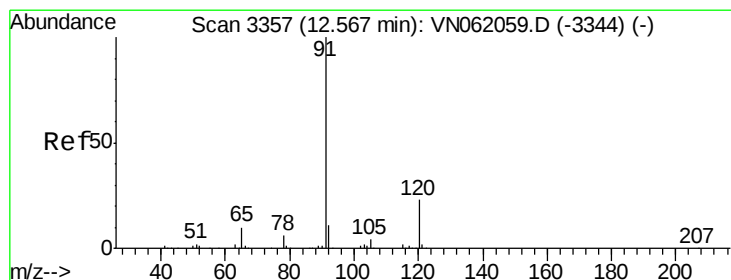
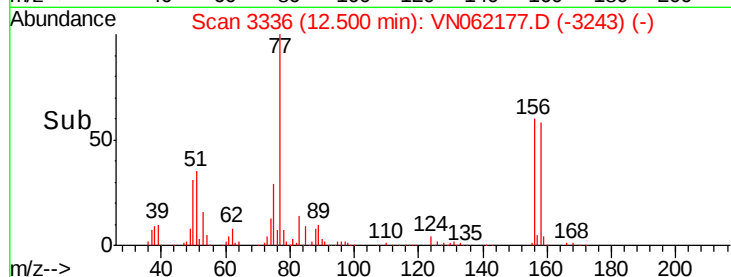
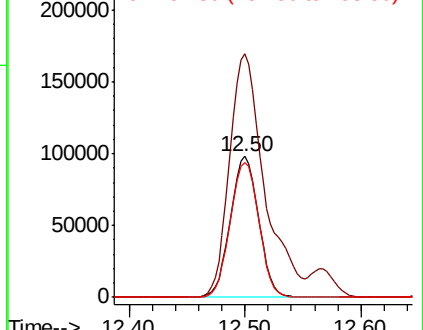
158 97.1 48.0 144.0



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: 49.945 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062177.D

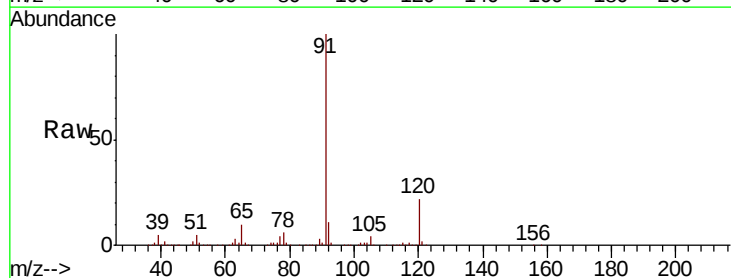
Acq: 27 Jun 2020 7:05

Tgt Ion: 91 Resp: 790943

Ion Ratio Lower Upper

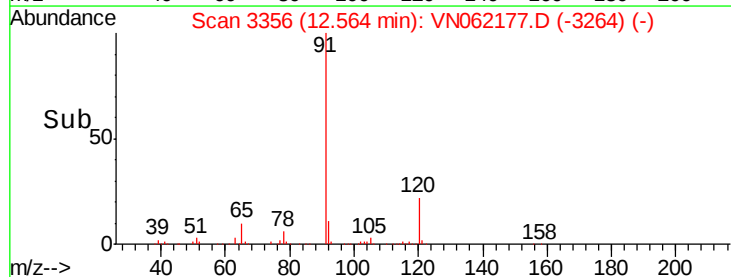
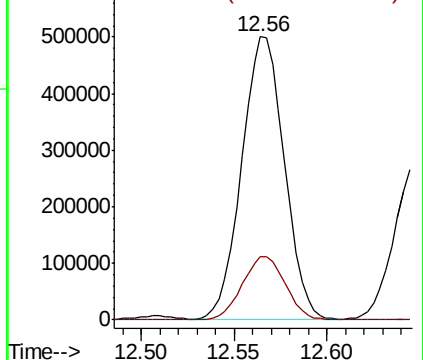
91 100

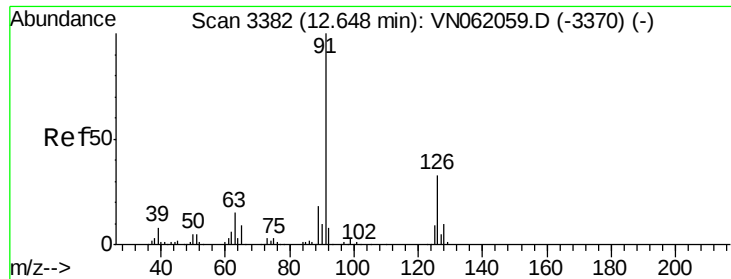
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.911 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

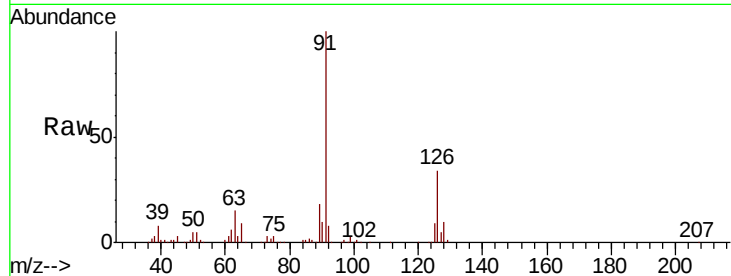
56BR-20200622MS

Tot Ion: 91 Resp: 468263

Ion Ratio Lower Upper

91 100

126 33.3 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) (-)

500000

400000

300000

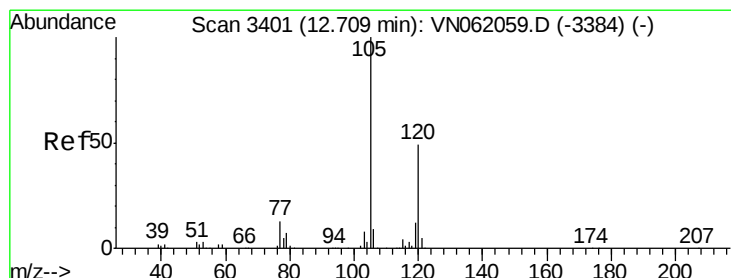
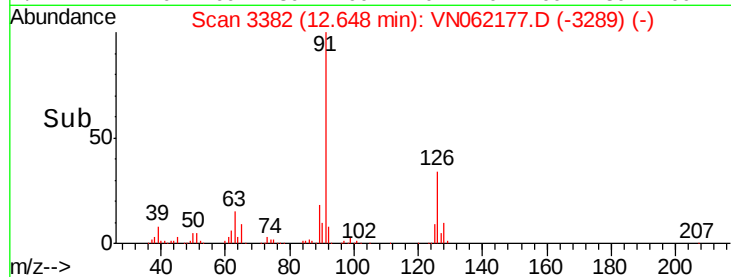
200000

100000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.850 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062177.D

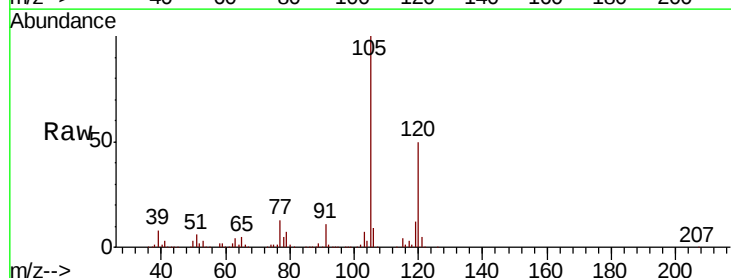
Acq: 27 Jun 2020 7:05

Tgt Ion: 105 Resp: 570694

Ion Ratio Lower Upper

105 100

120 49.4 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) (-)

400000

300000

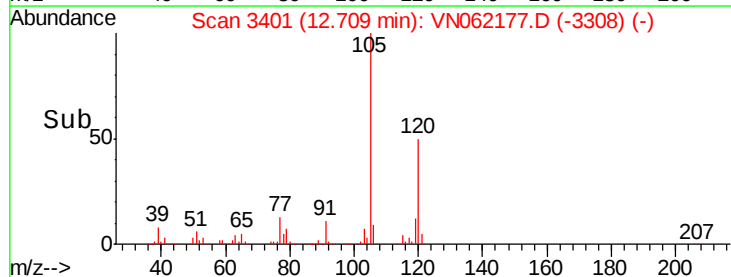
200000

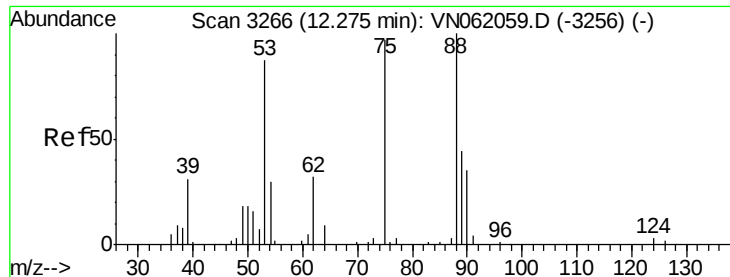
100000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 45.676 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

56BR-20200622MS

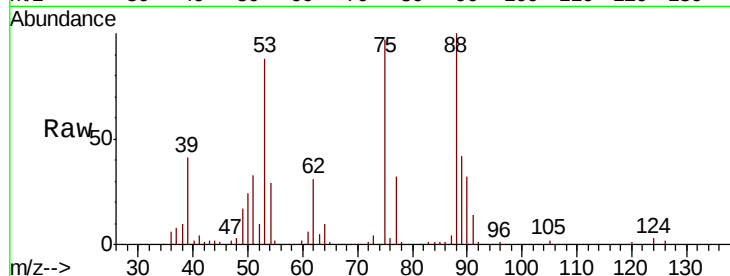
Tot Ion: 75 Resp: 65851

Ion Ratio Lower Upper

75 100

53 91.9 72.0 108.0

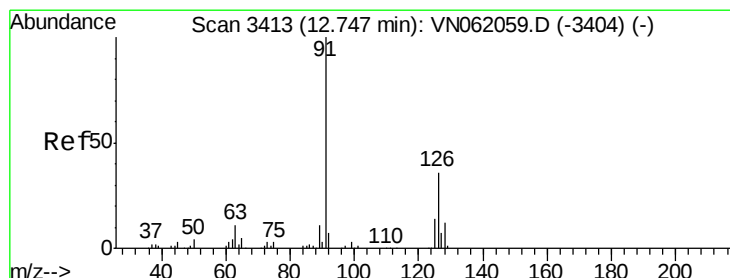
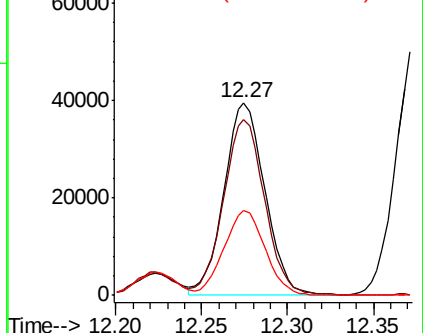
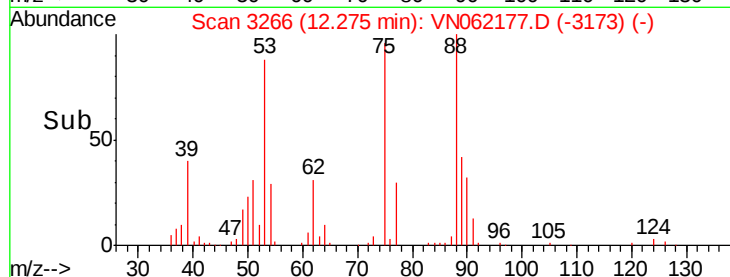
89 44.2 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062177.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062177.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062177.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 49.423 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062177.D

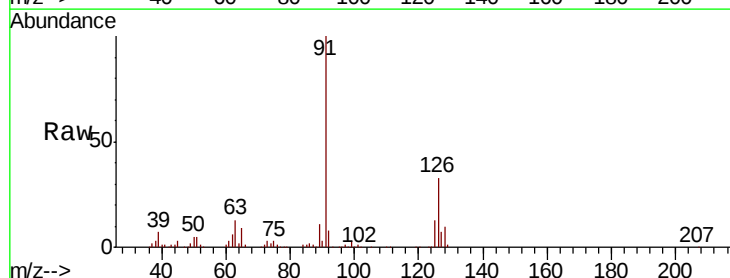
Acq: 27 Jun 2020 7:05

Tgt Ion: 91 Resp: 489298

Ion Ratio Lower Upper

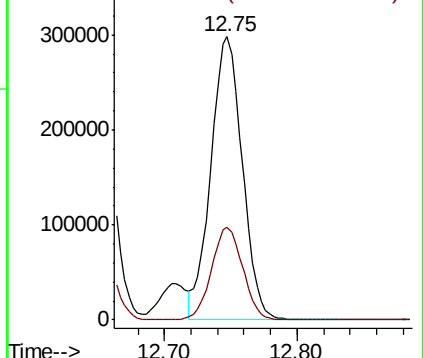
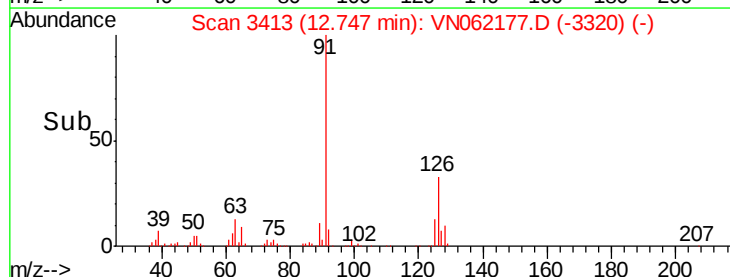
91 100

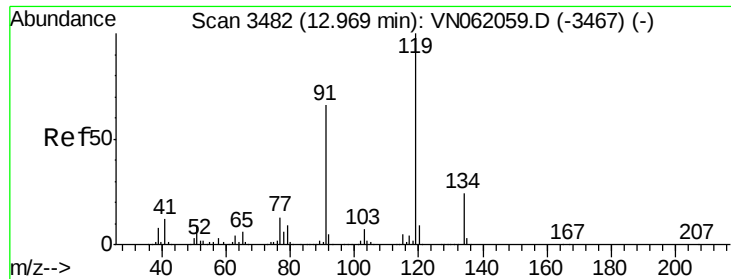
126 32.4 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062177.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062177.D (-3320) (-)

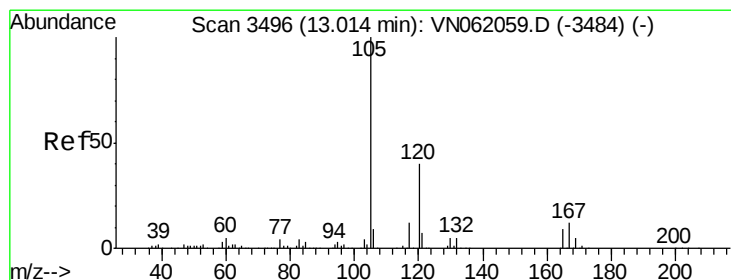
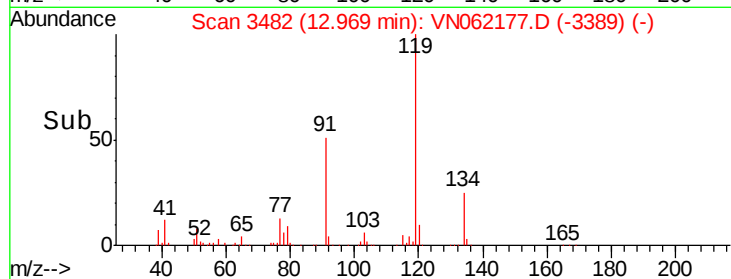
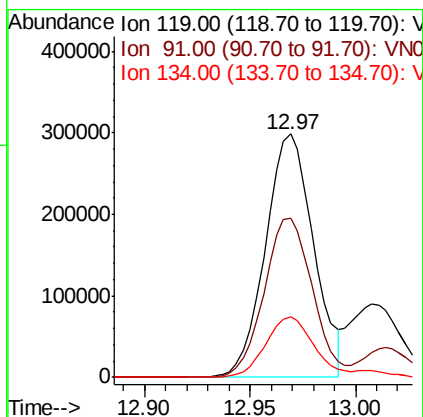
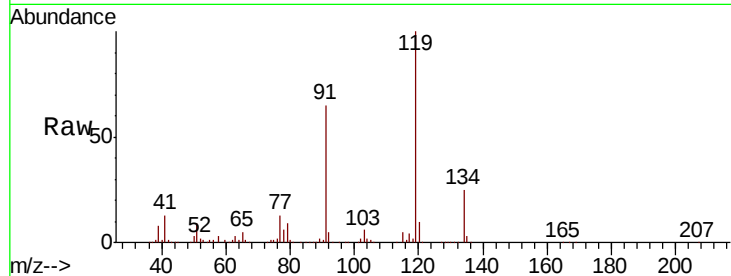




#83
 tert-Butylbenzene
 Concen: 49.394 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

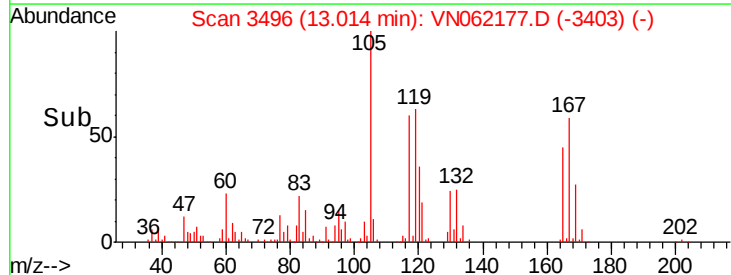
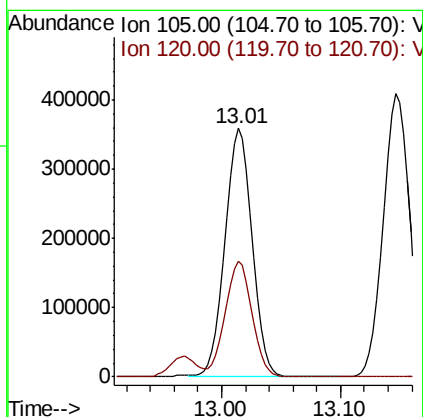
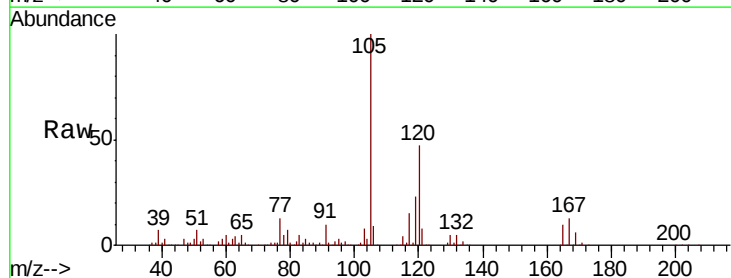
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622MS

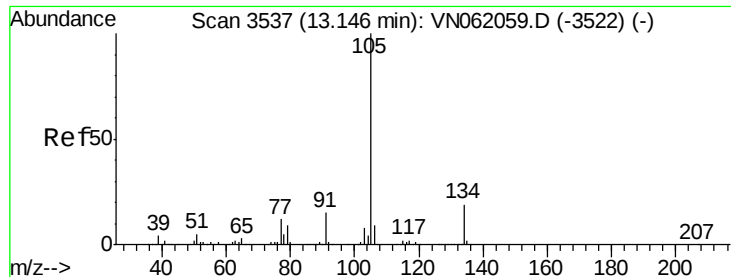
Tot Ion:119 Resp: 474417
 Ion Ratio Lower Upper
 119 100
 91 65.6 31.7 95.1
 134 24.9 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.458 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

Tgt Ion:105 Resp: 565590
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5

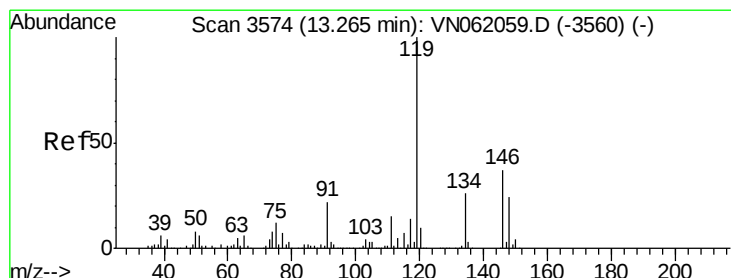
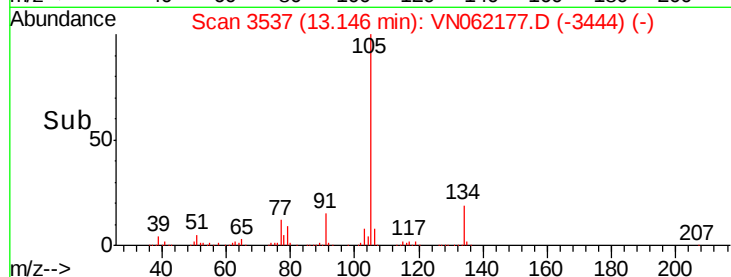
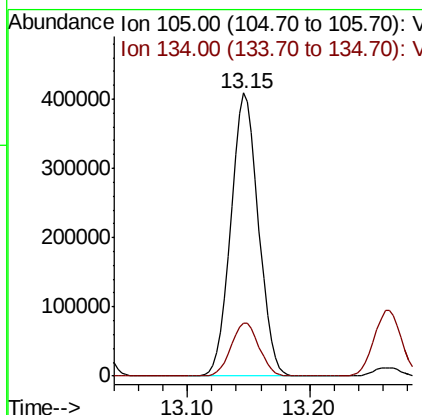
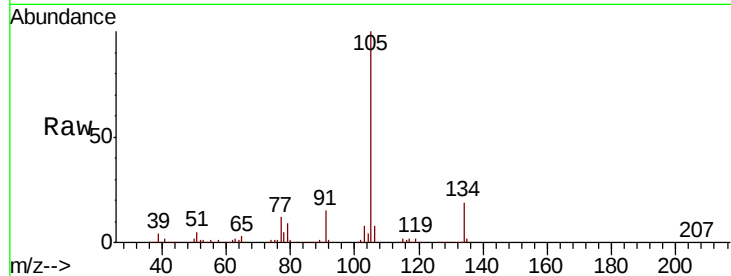




#85
 sec-Butylbenzene
 Concen: 50.667 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

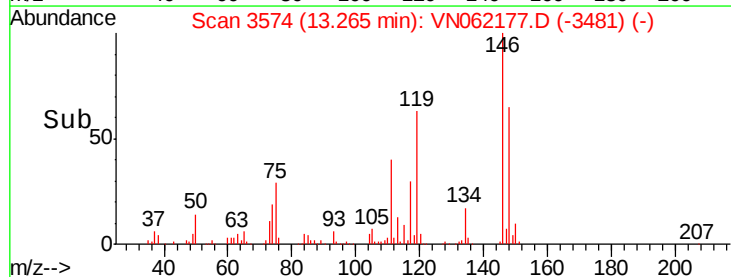
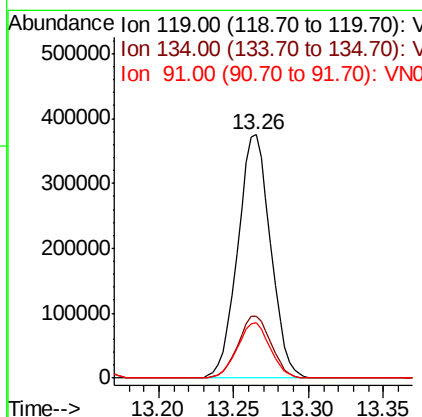
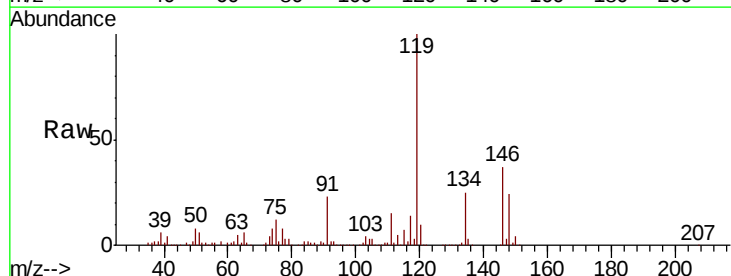
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622MS

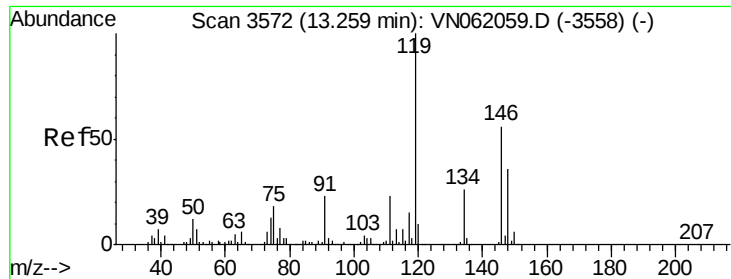
Tot Ion:105 Resp: 643042
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 51.361 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

Tgt Ion:119 Resp: 571098
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 22.9 11.3 33.8

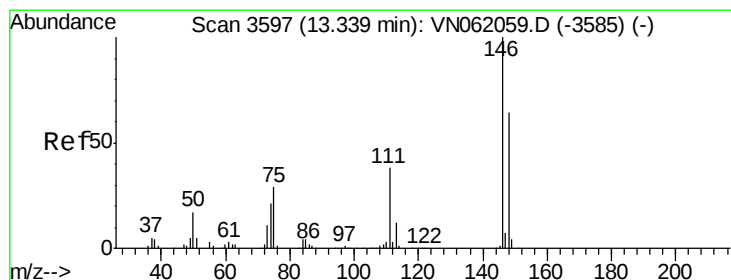
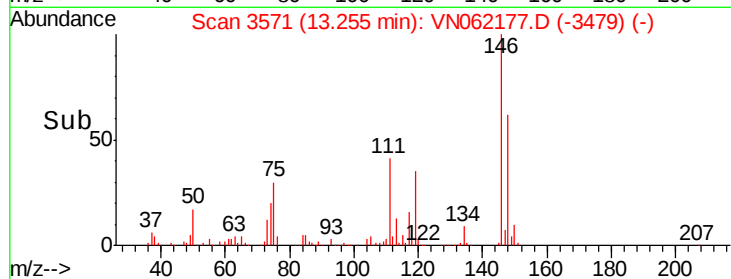
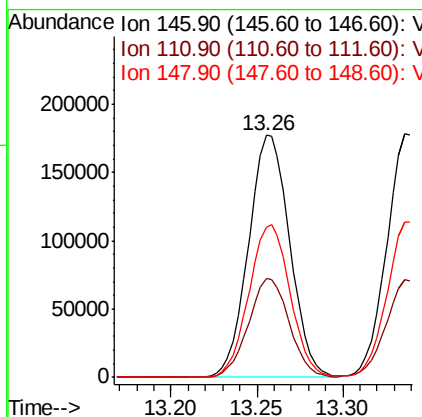
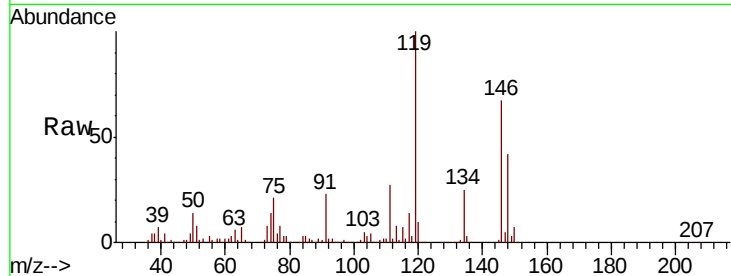




#87
 1,3-Dichlorobenzene
 Concen: 48.802 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

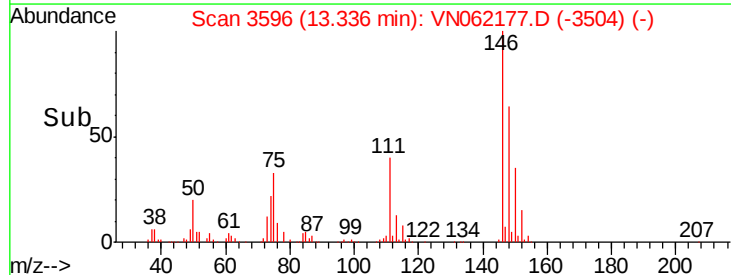
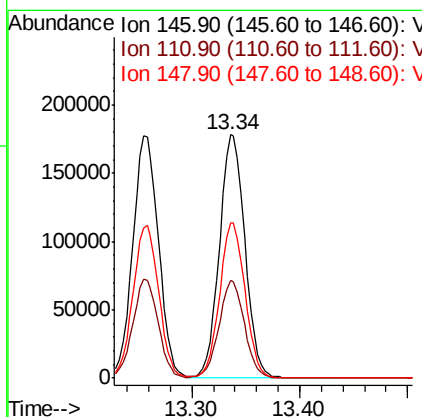
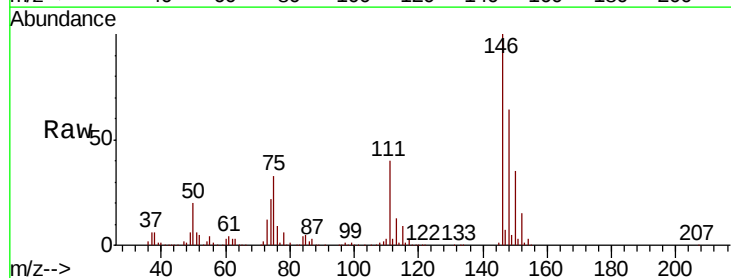
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622MS

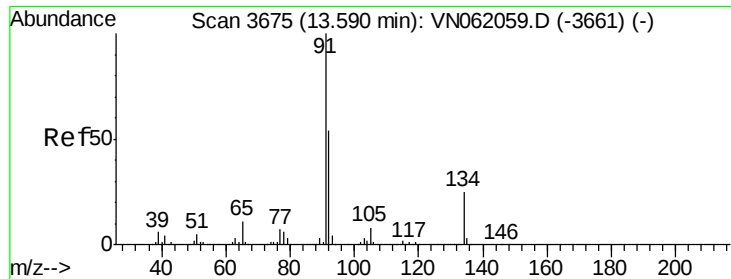
Tot Ion:146 Resp: 294548
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 61.0
 148 63.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.250 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

Tgt Ion:146 Resp: 293971
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.9 59.6
 148 63.5 31.9 95.9

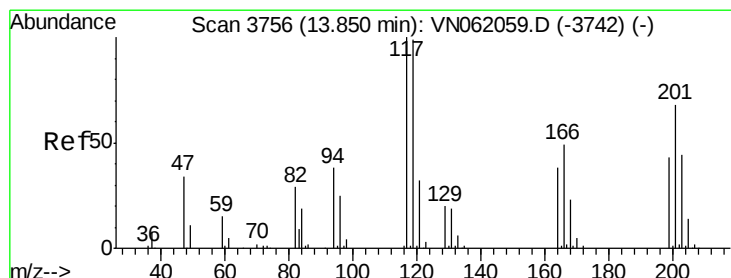
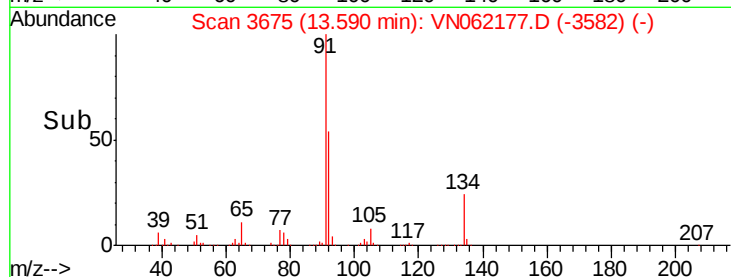
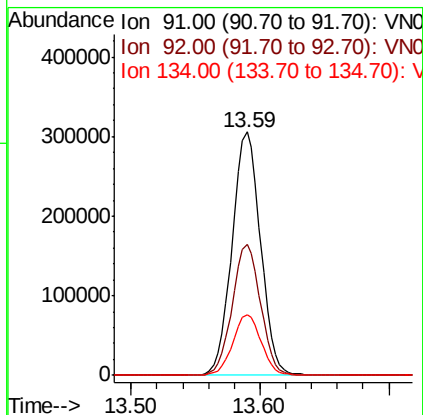
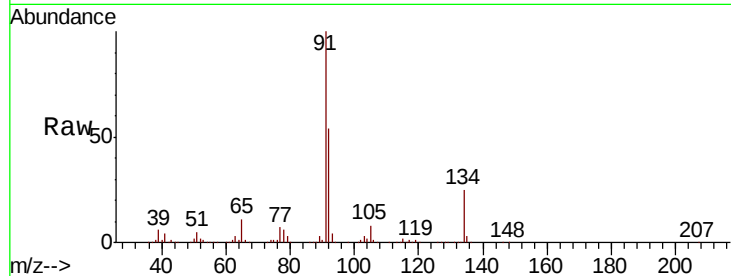




#89
n-Butylbenzene
Concen: 50.751 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

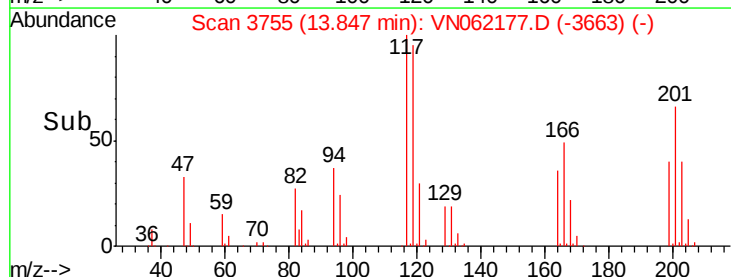
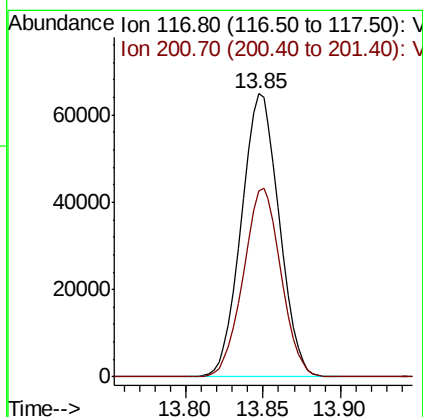
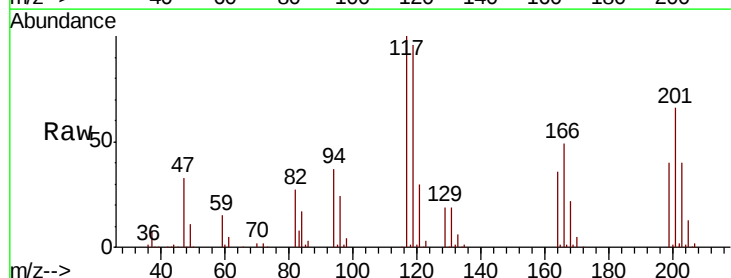
Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MS

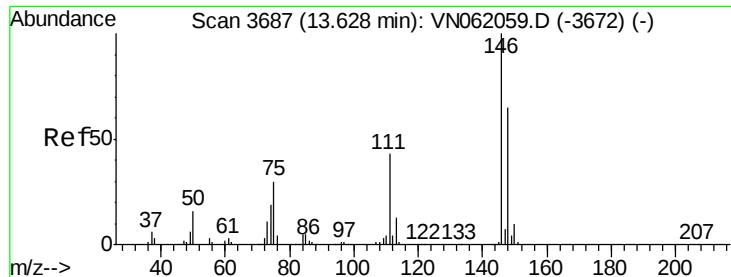
Tot Ion: 91 Resp: 469163
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.7
134 24.9 12.3 36.9



#90
Hexachloroethane
Concen: 50.649 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062177.D
Acq: 27 Jun 2020 7:05

Tgt Ion: 117 Resp: 110496
Ion Ratio Lower Upper
117 100
201 66.2 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 48.391 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

56BR-20200622MS

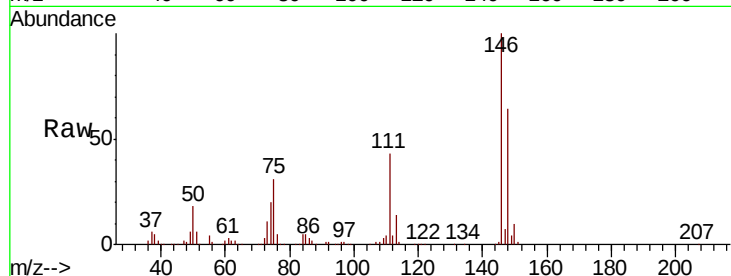
Tot Ion:146 Resp: 283220

Ion Ratio Lower Upper

146 100

111 42.7 21.2 63.6

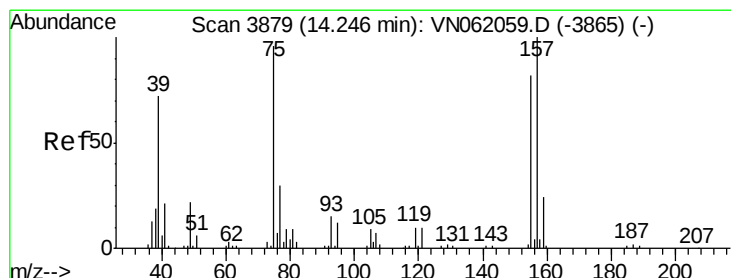
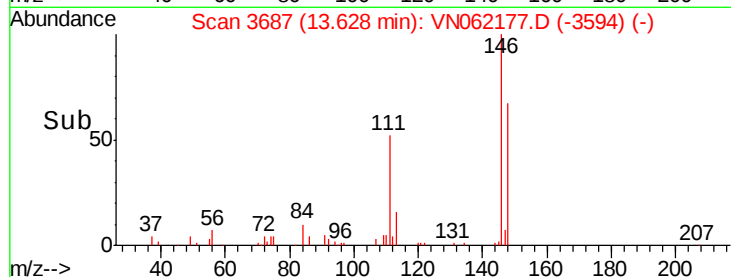
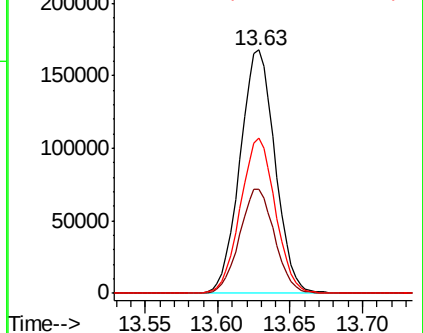
148 63.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.679 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

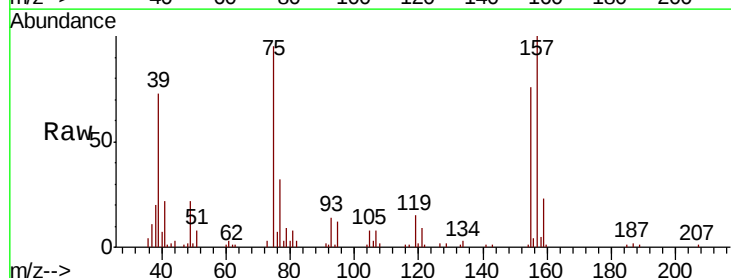
Tgt Ion: 75 Resp: 37403

Ion Ratio Lower Upper

75 100

155 81.3 40.8 122.4

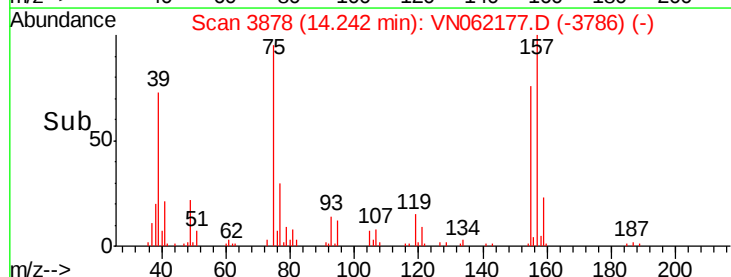
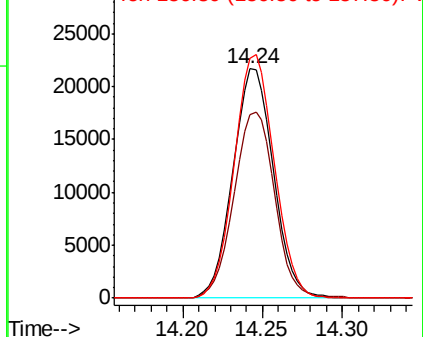
157 105.0 51.4 154.3

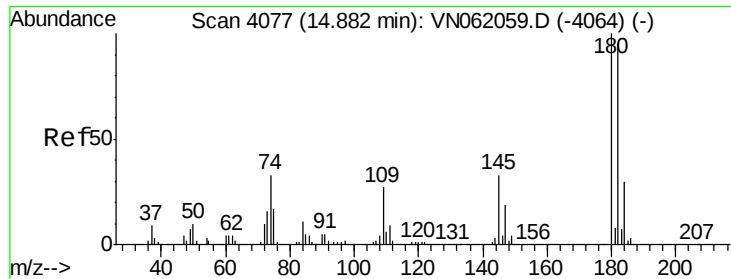


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

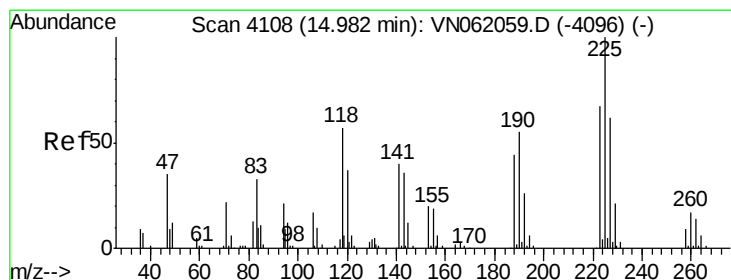
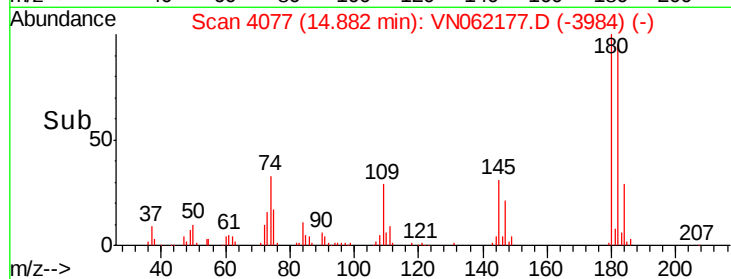
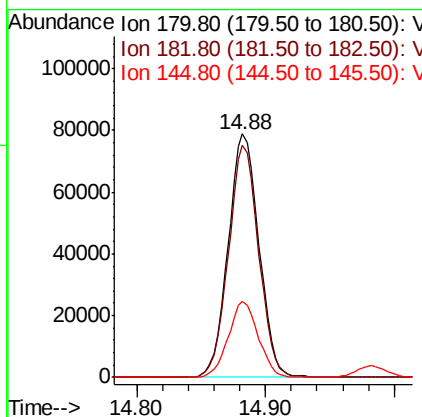
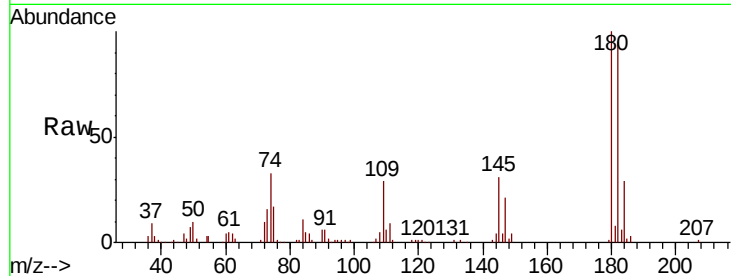




#93
 1,2,4-Trichlorobenzene
 Concen: 50.803 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

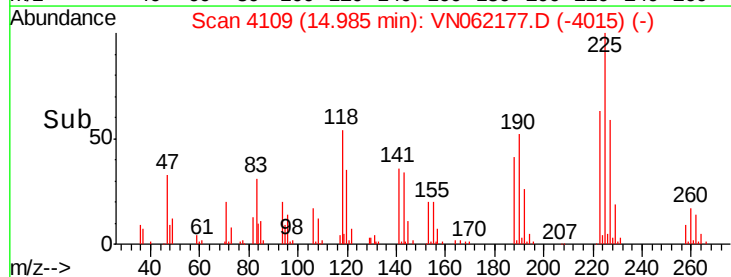
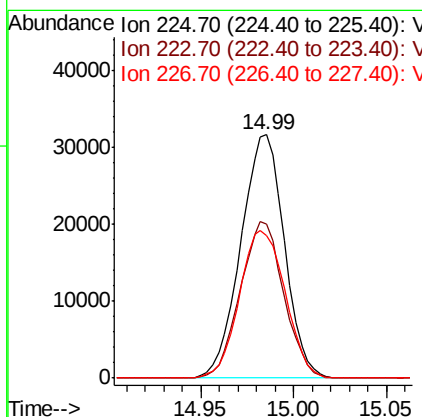
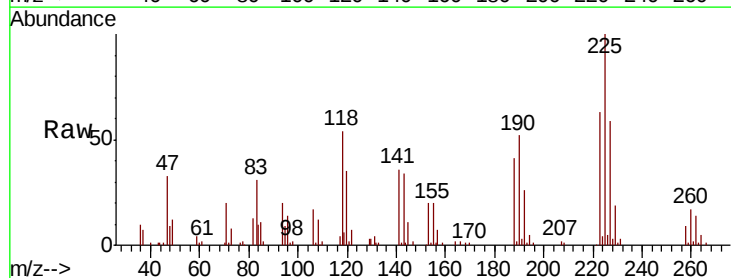
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622MS

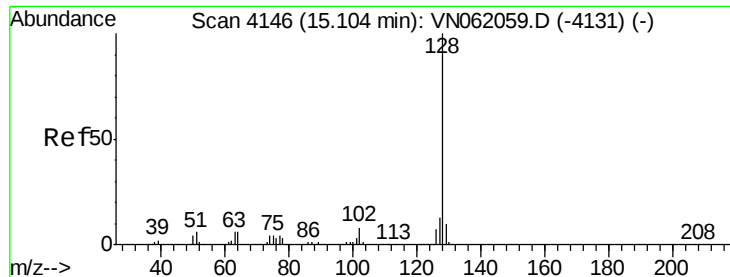
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.0	144.2
145	30.3	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 46.728 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062177.D
 Acq: 27 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.9	98.7
227	63.5	31.3	93.8





#95

Naphthalene

Concen: 45.840 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

56BR-20200622MS

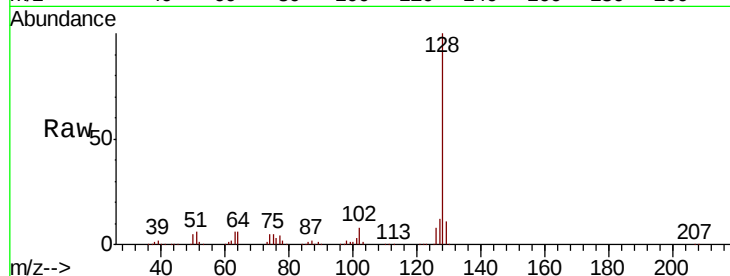
Tot Ion:128 Resp: 387707

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

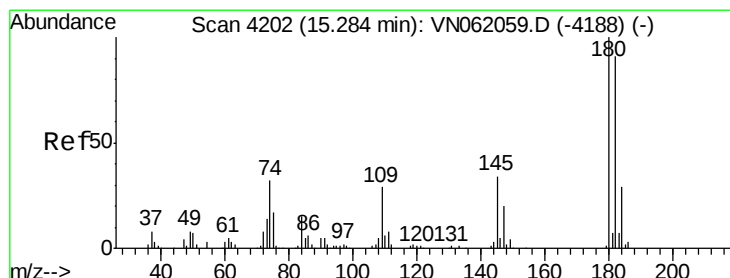
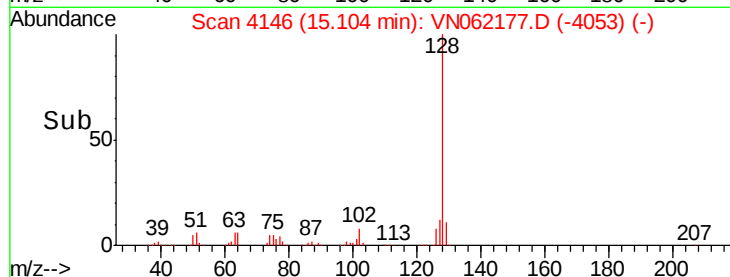
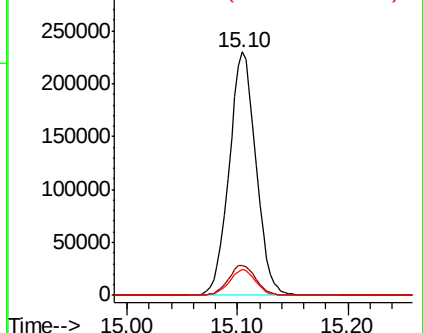
129 10.6 8.6 13.0



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: 49.315 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062177.D

Acq: 27 Jun 2020 7:05

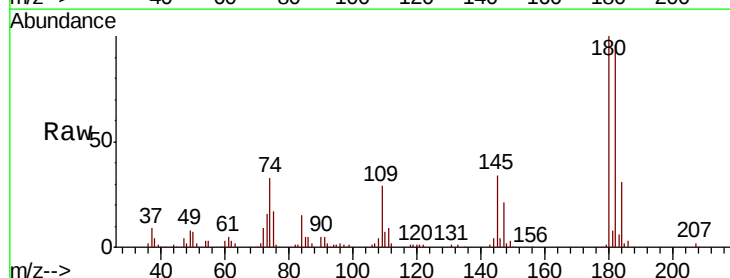
Tgt Ion:180 Resp: 128927

Ion Ratio Lower Upper

180 100

182 95.3 46.8 140.4

145 33.9 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

