

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020619.D
 Acq On : 14 Jan 2021 17:45
 Operator : JC/MD
 Sample : PB134118ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB134118ZHE#08

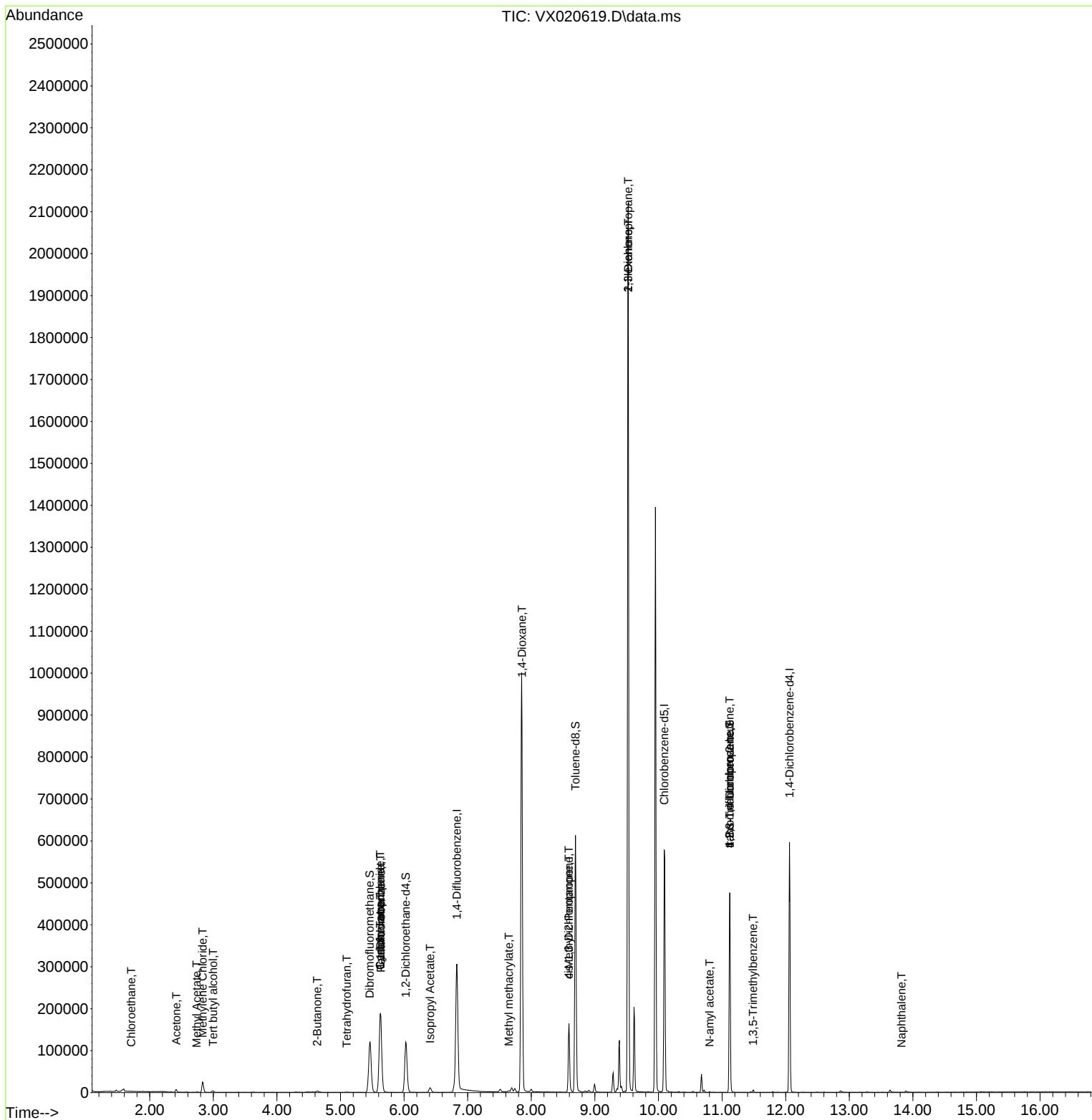
Quant Time: Jan 15 05:12:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

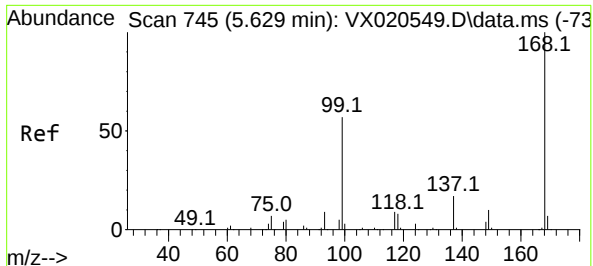
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.635	168	187539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	313276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	286249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	128453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	116374	51.66	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.32%			
35) Dibromofluoromethane	5.458	113	104458	48.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.24%			
50) Toluene-d8	8.695	98	373882	48.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.28%			
62) 4-Bromofluorobenzene	11.122	95	130649	47.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.26%			
Target Compounds					Qvalue	
6) Chloroethane	1.709	64	95	0.49	ug/l #	43
11) Tert butyl alcohol	2.995	59	2320	3.38	ug/l #	73
16) Acetone	2.416	43	6750	4.91	ug/l	96
18) Methyl Acetate	2.739	43	1158	0.58	ug/l #	85
20) Methylene Chloride	2.831	84	12150	5.71	ug/l	98
25) 2-Butanone	4.635	43	3138	2.58	ug/l	94
29) Tetrahydrofuran	5.099	42	535	0.72	ug/l #	70
31) Cyclohexane	5.623	56	3299	1.25	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	12990	4.54	ug/l #	49
38) Carbon Tetrachloride	5.623	117	18199	5.45	ug/l #	17
43) Isopropyl Acetate	6.409	43	14112	3.50	ug/l	96
48) Methyl methacrylate	7.647	41	4234	2.16	ug/l #	10
49) 1,4-Dioxane	7.854	88	164	3.32	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	46898	18.76	ug/l #	49
54) cis-1,3-Dichloropropene	8.592	75	29144	8.17	ug/l #	55
57) 1,3-Dichloropropane	9.525	76	19767	5.26	ug/l #	42
59) 2-Hexanone	9.525	43	213100	113.70	ug/l #	48
74) N-amyl acetate	10.805	43	486	1.39	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	59830	22.11	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.488	105	2790	0.38	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.122	75	59830	60.24	ug/l #	12
95) Naphthalene	13.823	128	84	3.85	ug/l #	69

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

Quant Time: Jan 15 05:12:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration

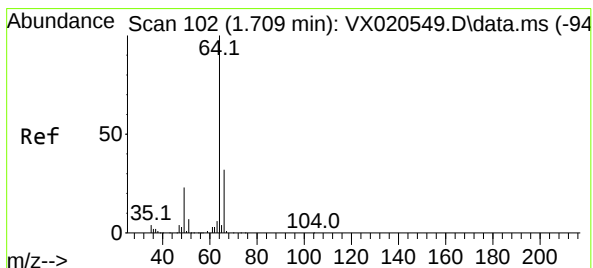
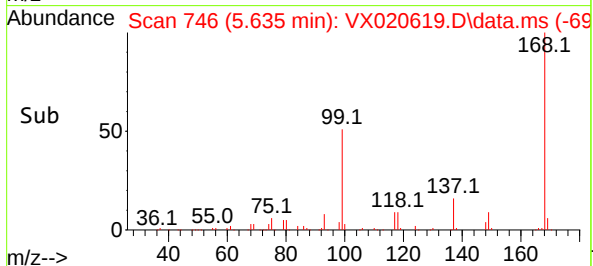
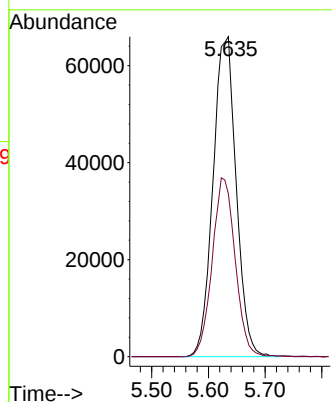
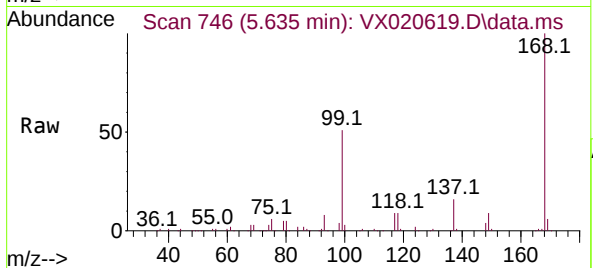




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.006 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

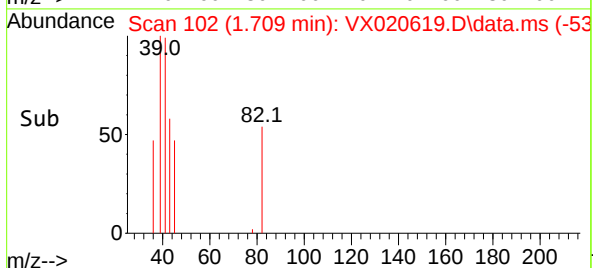
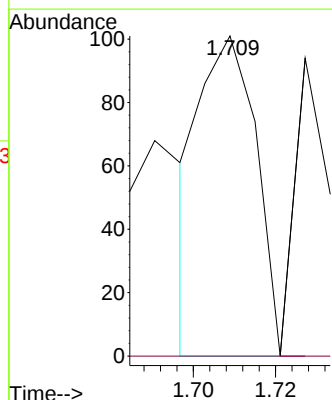
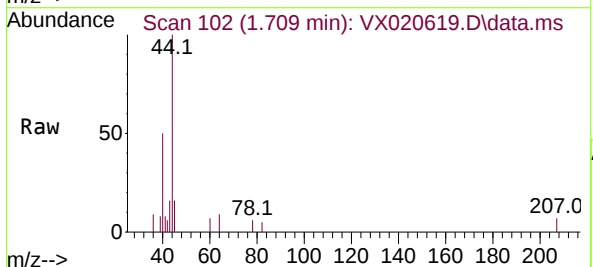
Instrument :
MSVOA_X
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PB134118ZHE#08

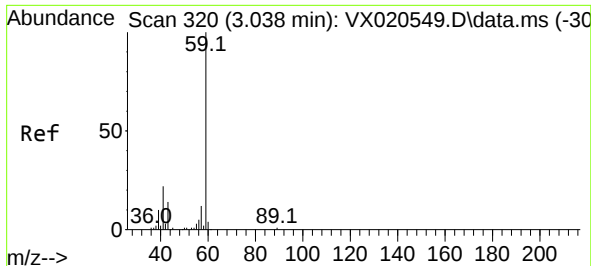
Tgt Ion:168 Resp: 187539
Ion Ratio Lower Upper
168 100
99 50.9 45.8 68.6



#6
Chloroethane
Concen: 0.49 ug/l
RT: 1.709 min Scan# 102
Delta R.T. -0.000 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

Tgt Ion: 64 Resp: 95
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



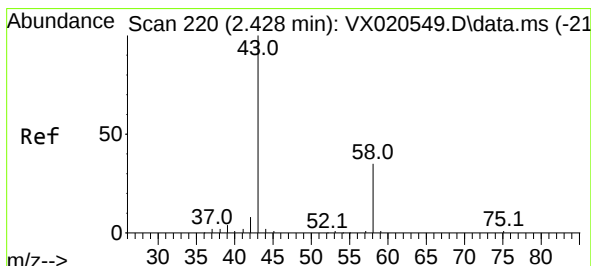
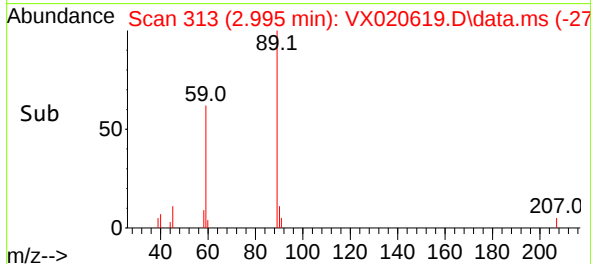
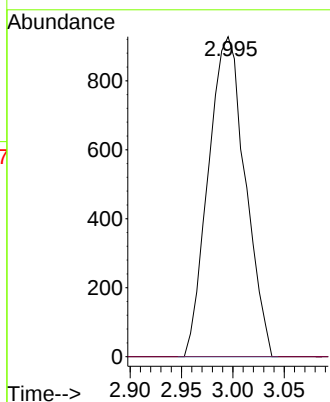
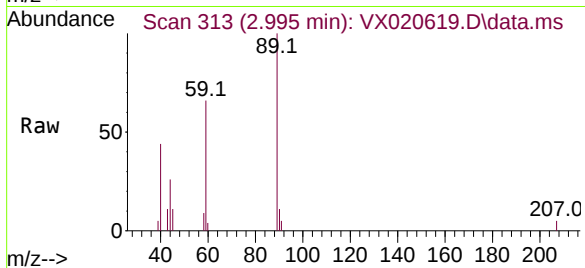


#11

Tert butyl alcohol
Concen: 3.38 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.043 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#08

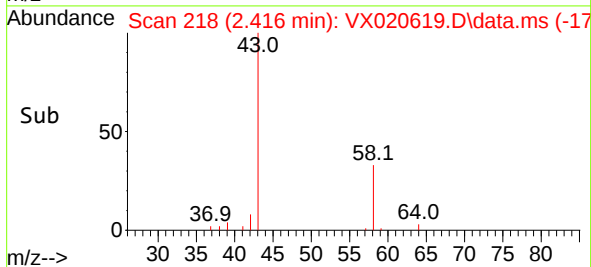
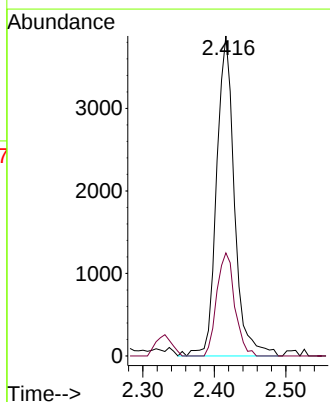
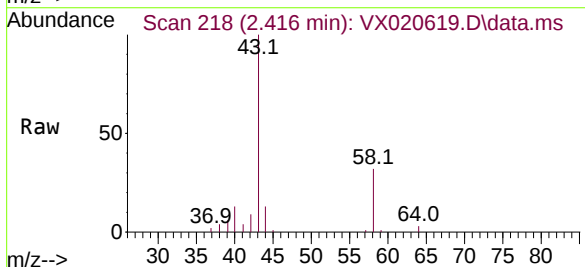
Tgt Ion: 59 Resp: 2320
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

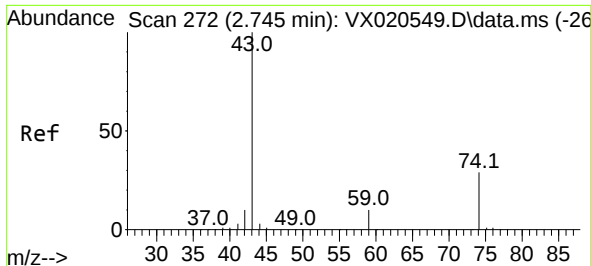


#16

Acetone
Concen: 4.91 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

Tgt Ion: 43 Resp: 6750
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8





#18

Methyl Acetate

Concen: 0.58 ug/l

RT: 2.739 min Scan# 271

Delta R.T. -0.006 min

Lab File: VX020619.D

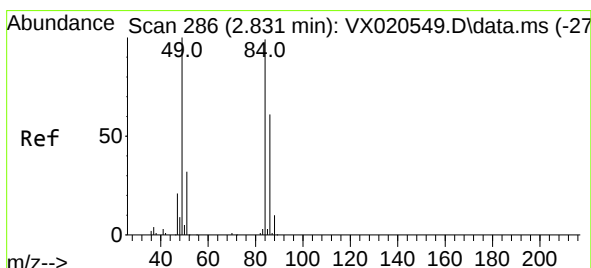
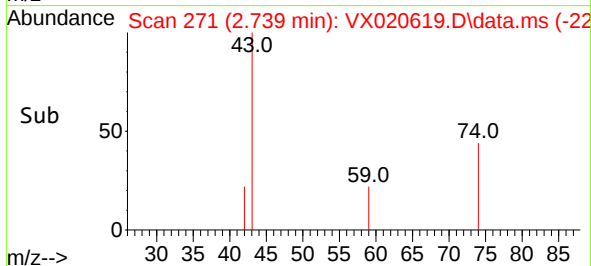
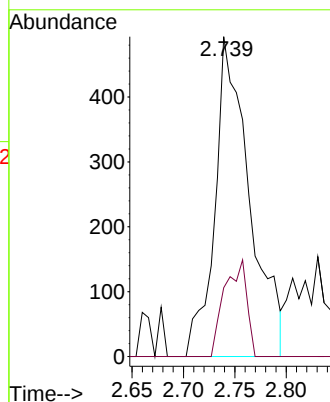
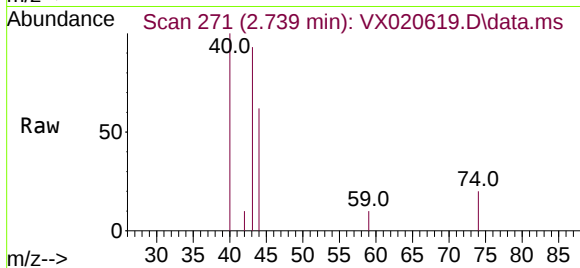
Acq: 14 Jan 2021 17:45

Tgt Ion: 43 Resp: 1158

Ion Ratio Lower Upper

43 100

74 19.4 21.9 32.9#



#20

Methylene Chloride

Concen: 5.71 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

Lab File: VX020619.D

Acq: 14 Jan 2021 17:45

Tgt Ion: 84 Resp: 12150

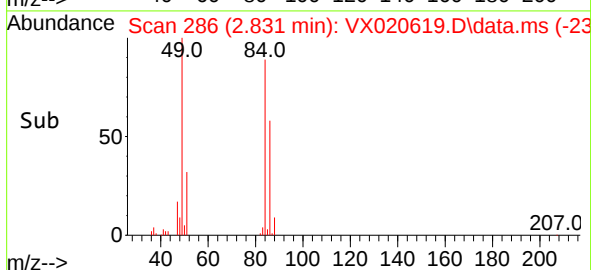
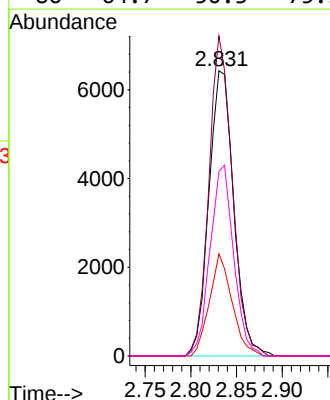
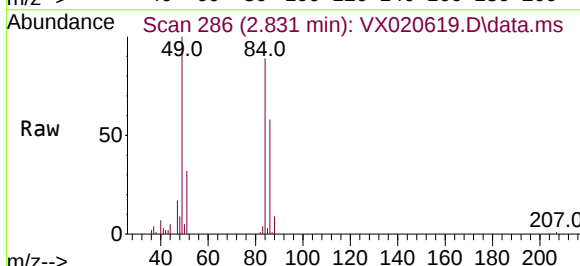
Ion Ratio Lower Upper

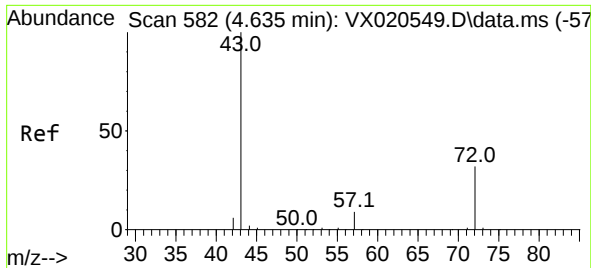
84 100

49 112.3 88.6 132.8

51 35.8 27.0 40.6

86 64.7 50.3 75.5

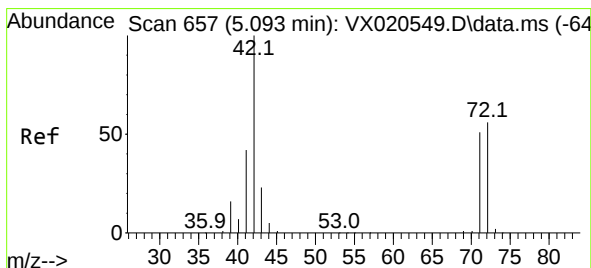
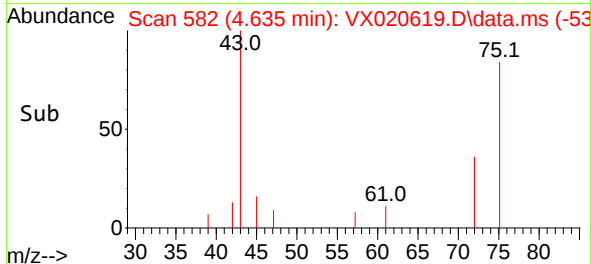
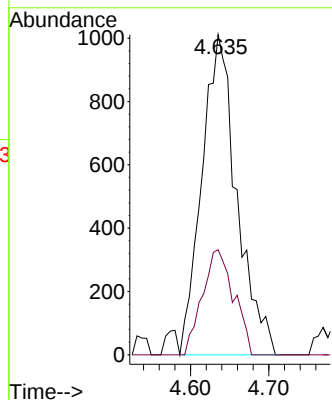
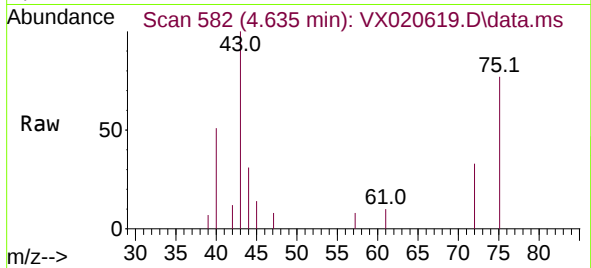




#25
2-Butanone
Concen: 2.58 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.000 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

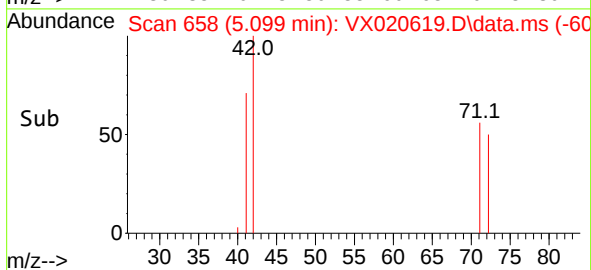
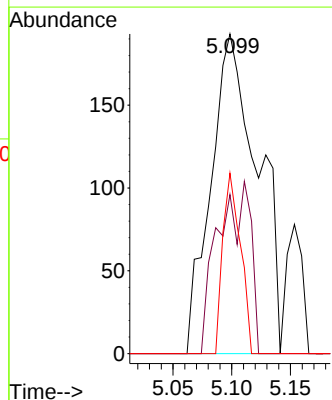
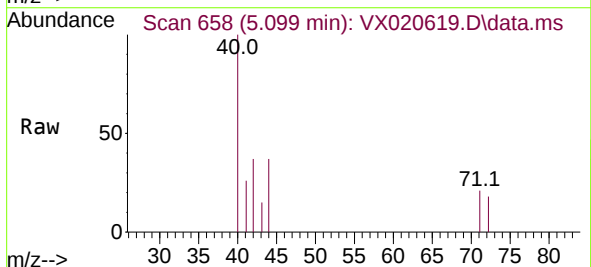
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#08

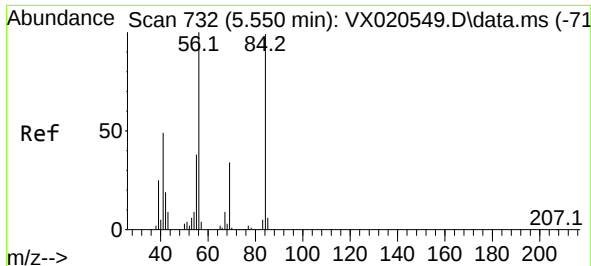
Tgt Ion: 43 Resp: 3138
Ion Ratio Lower Upper
43 100
72 32.8 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.72 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

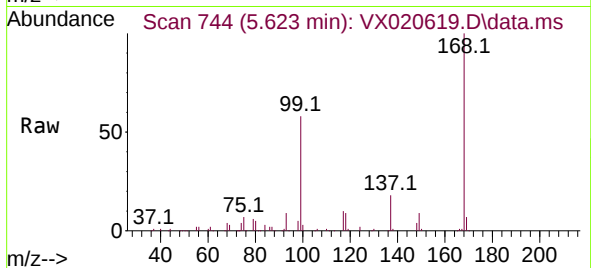
Tgt Ion: 42 Resp: 535
Ion Ratio Lower Upper
42 100
72 37.4 41.7 62.5#
71 21.3 38.4 57.6#



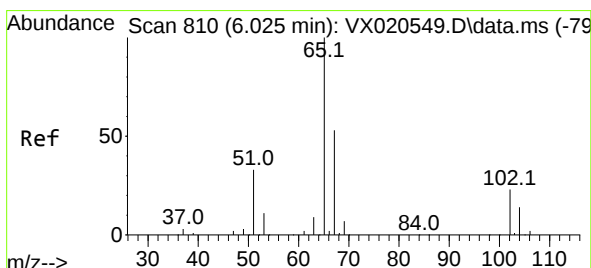
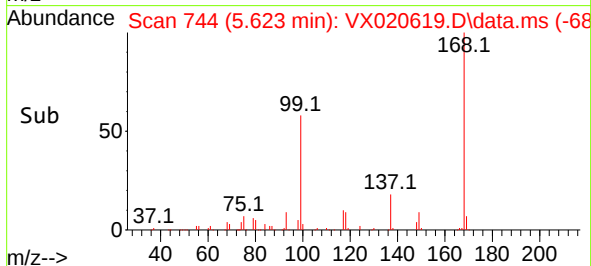
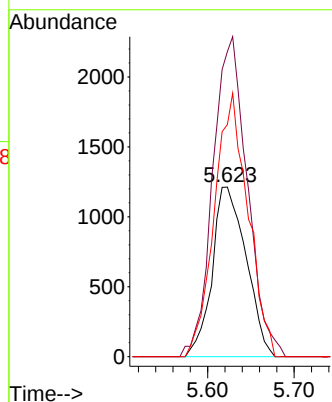


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#08

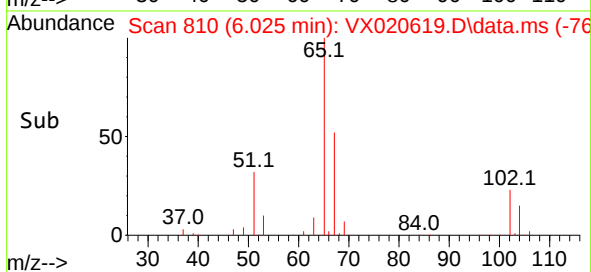
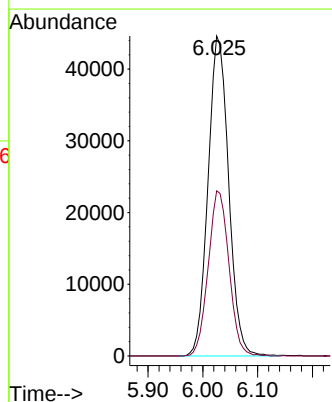
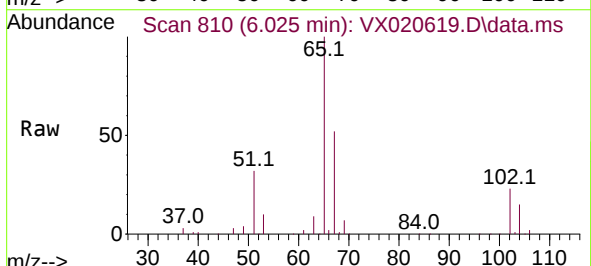


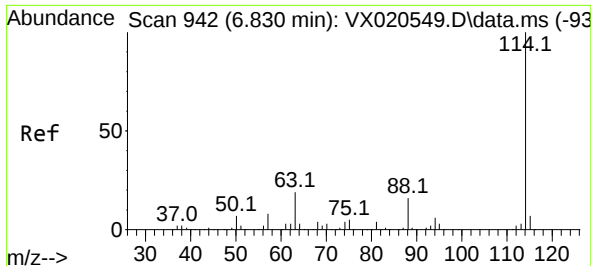
Tgt Ion: 56 Resp: 3299
Ion Ratio Lower Upper
56 100
69 180.0 25.3 37.9#
84 137.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.66 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

Tgt Ion: 65 Resp: 116374
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

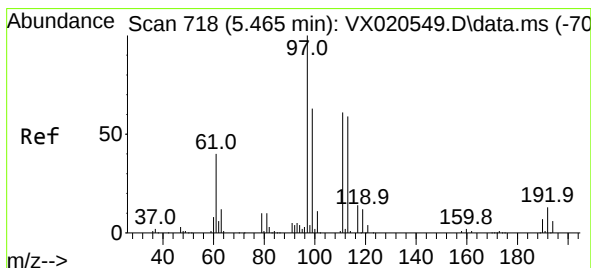
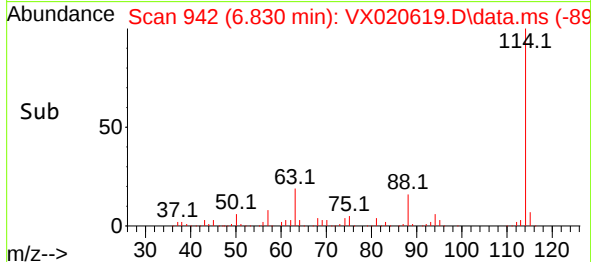
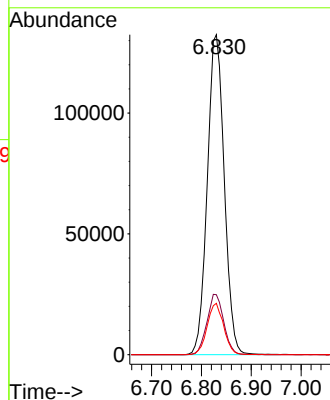
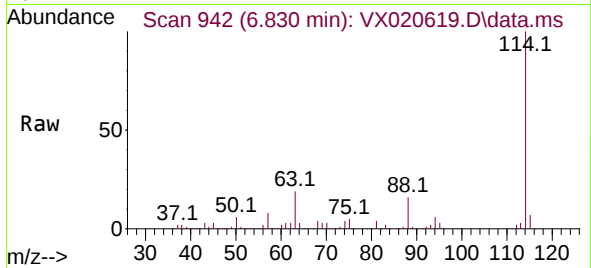




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

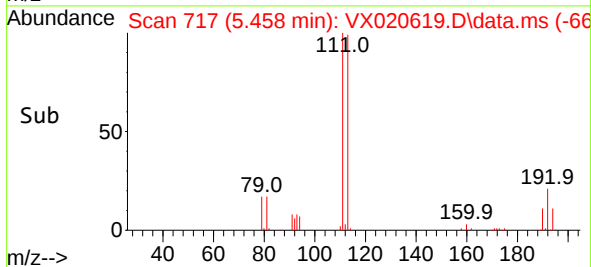
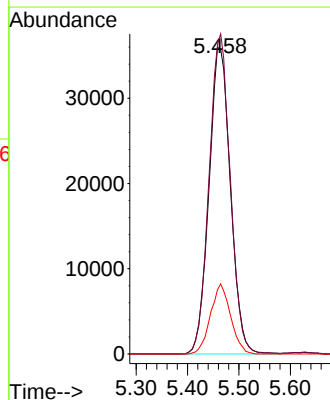
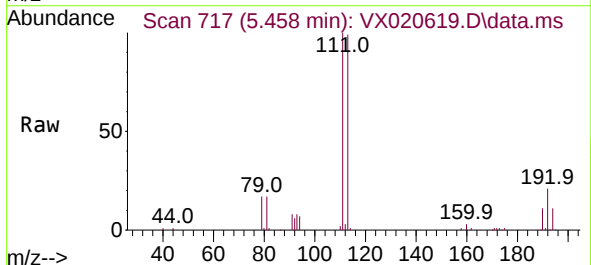
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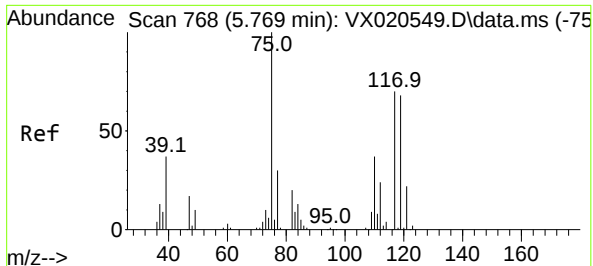
Tgt Ion:114 Resp: 313276
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.12 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

Tgt Ion:113 Resp: 104458
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 21.4 16.7 25.1

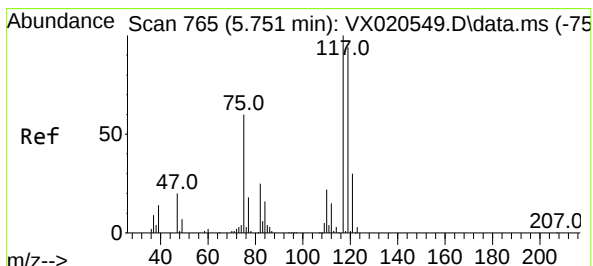
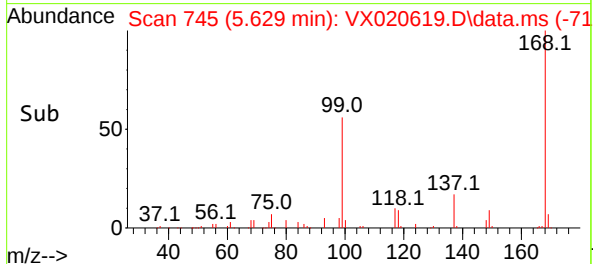
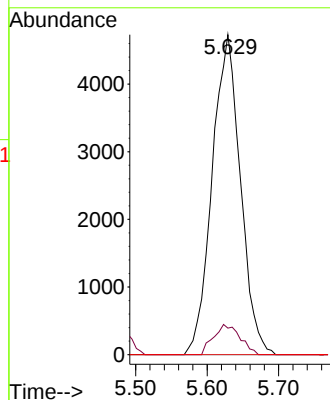
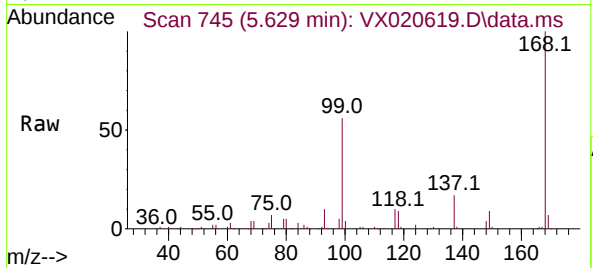




#36
1,1-Dichloropropene
Concen: 4.54 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

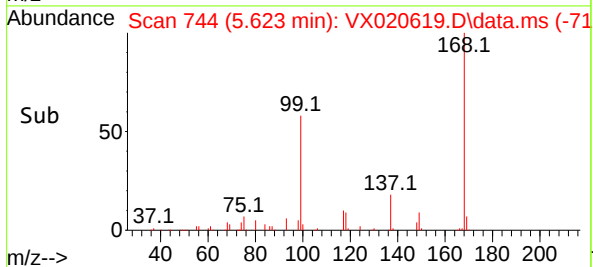
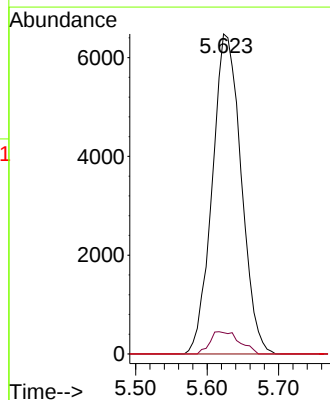
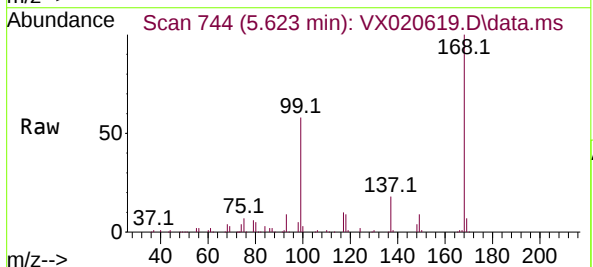
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PB134118ZHE#08

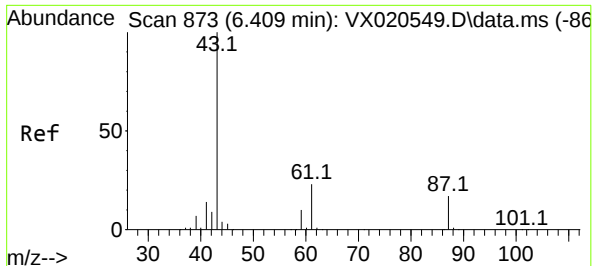
Tgt Ion: 75	Resp: 12990
Ion Ratio	Lower Upper
75 100	
110 8.8	18.1 54.4#
77 0.0	25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

Tgt Ion: 117	Resp: 18199
Ion Ratio	Lower Upper
117 100	
119 6.7	76.2 114.2#
121 0.0	24.8 37.2#





#43

Isopropyl Acetate

Concen: 3.50 ug/l

RT: 6.409 min Scan# 873

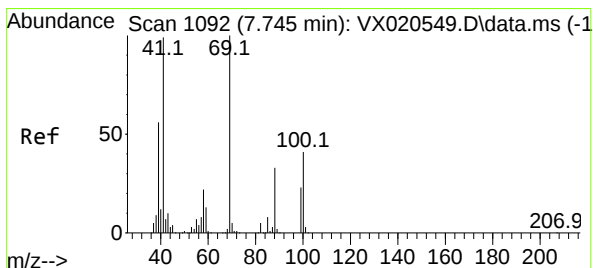
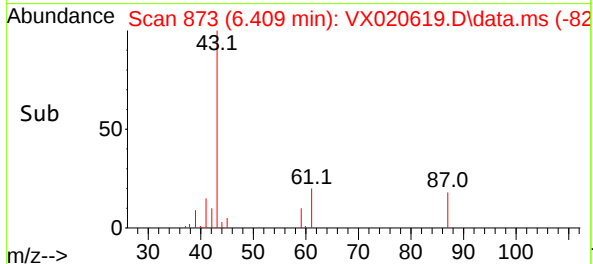
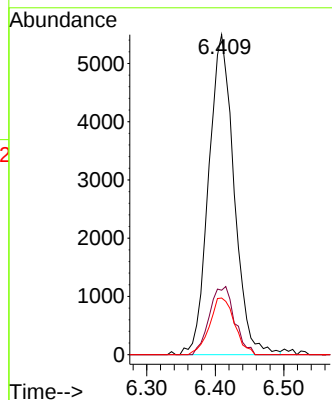
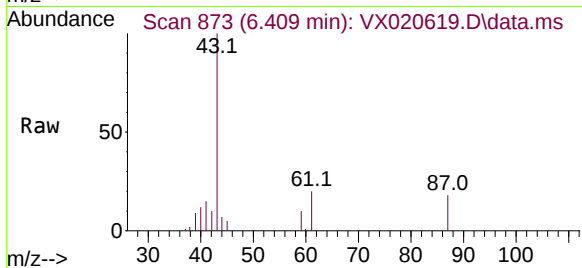
Delta R.T. 0.000 min

Lab File: VX020619.D

Acq: 14 Jan 2021 17:45

Tgt Ion: 43 Resp: 14112

Ion	Ratio	Lower	Upper
43	100		
61	21.1	18.2	27.4
87	17.5	12.5	18.7



#48

Methyl methacrylate

Concen: 2.16 ug/l

RT: 7.647 min Scan# 1076

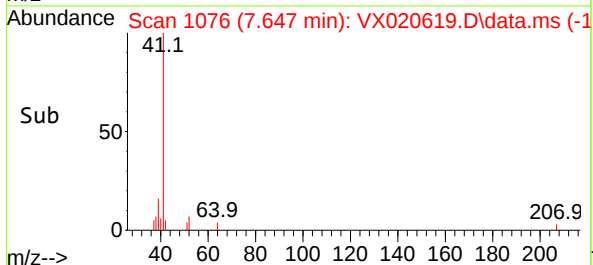
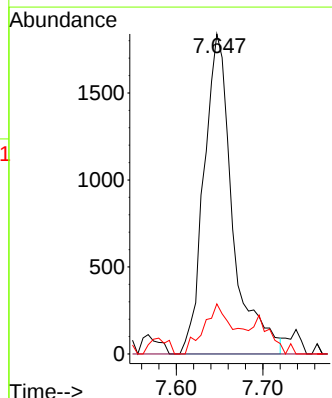
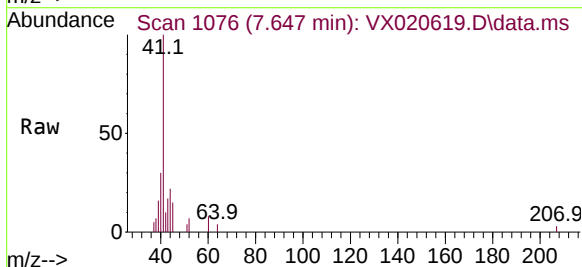
Delta R.T. -0.098 min

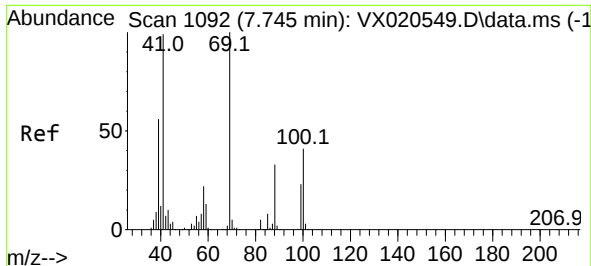
Lab File: VX020619.D

Acq: 14 Jan 2021 17:45

Tgt Ion: 41 Resp: 4234

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#





#49

1,4-Dioxane

Concen: 3.32 ug/l

RT: 7.854 min Scan# 1110

Delta R.T. 0.109 min

Lab File: VX020619.D

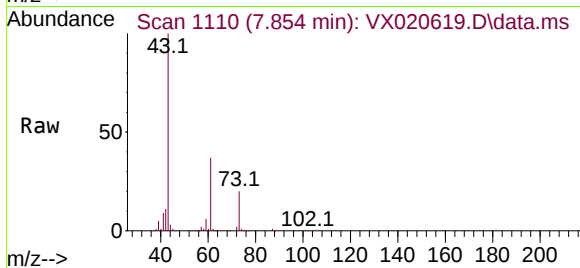
Acq: 14 Jan 2021 17:45

Instrument :

MSVOA_X

ClientSampleId :

PB134118ZHE#08



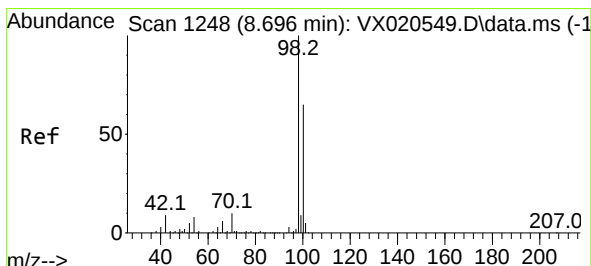
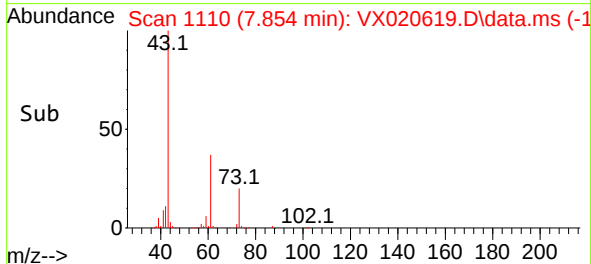
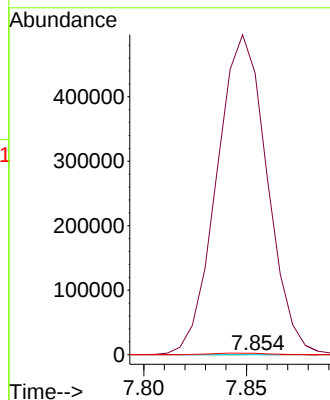
Tgt Ion: 88 Resp: 164

Ion Ratio Lower Upper

88 100

43 519693.3 23.2 34.8#

58 2939.0 55.0 82.4#



#50

Toluene-d8

Concen: 48.14 ug/l

RT: 8.695 min Scan# 1248

Delta R.T. -0.001 min

Lab File: VX020619.D

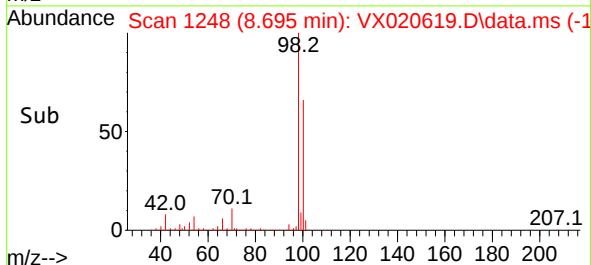
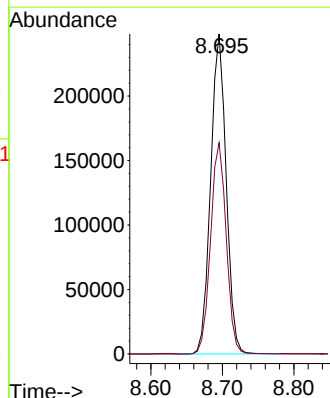
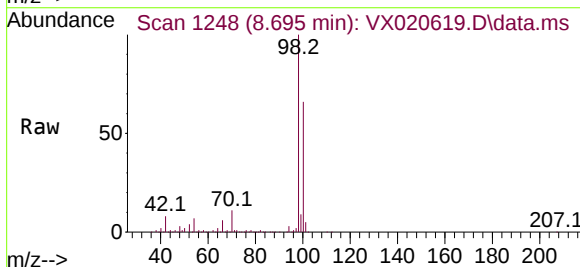
Acq: 14 Jan 2021 17:45

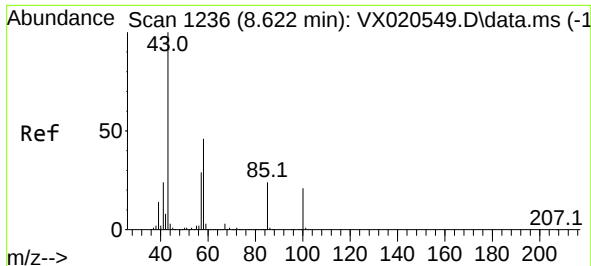
Tgt Ion: 98 Resp: 373882

Ion Ratio Lower Upper

98 100

100 66.6 51.9 77.9

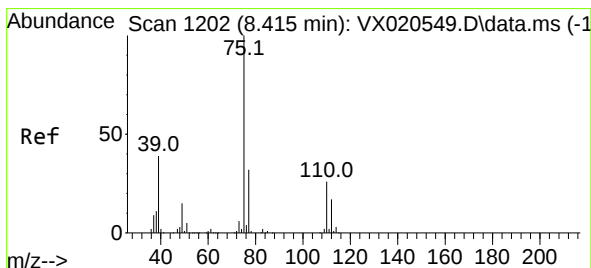
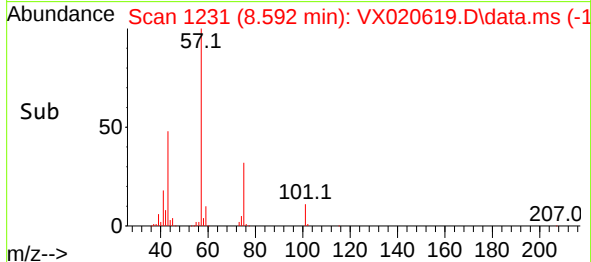
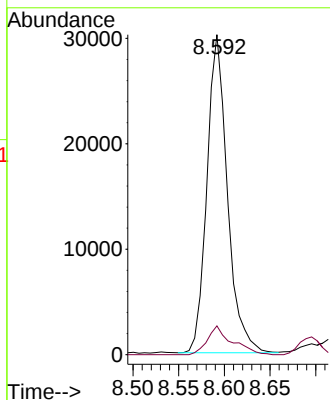
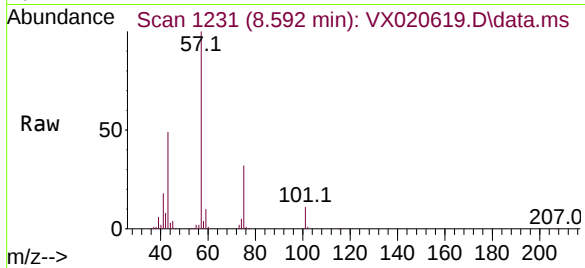




#51
4-Methyl-2-Pentanone
Concen: 18.76 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.030 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

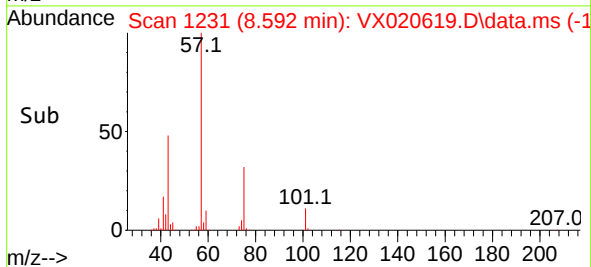
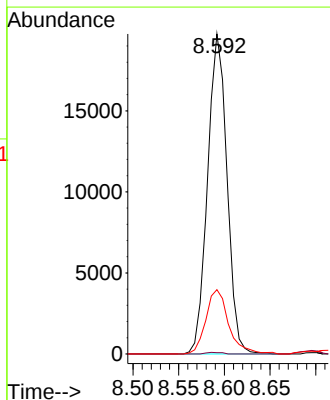
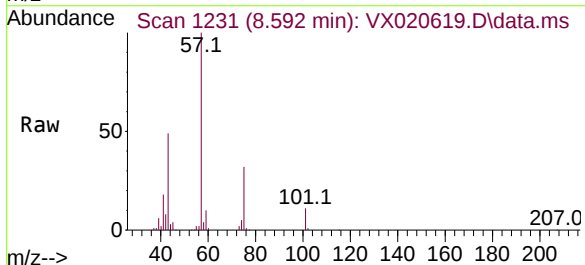
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#08

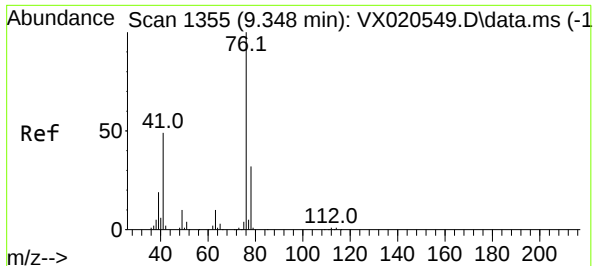
Tgt Ion: 43 Resp: 46898
Ion Ratio Lower Upper
43 100
58 10.8 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 8.17 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.177 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

Tgt Ion: 75 Resp: 29144
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 20.1 35.1 52.7#

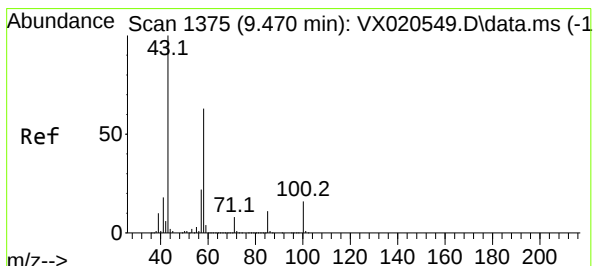
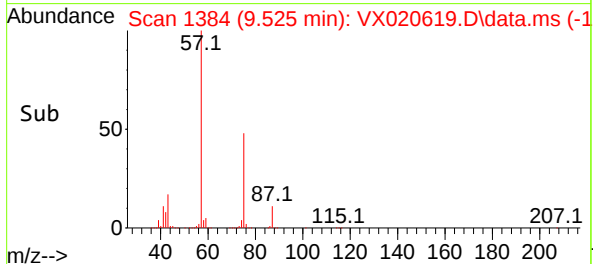
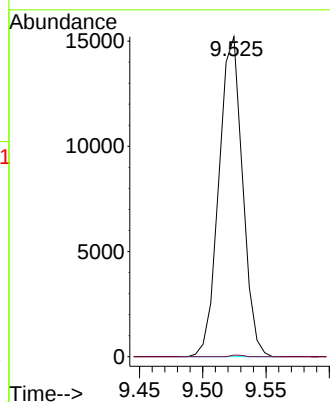
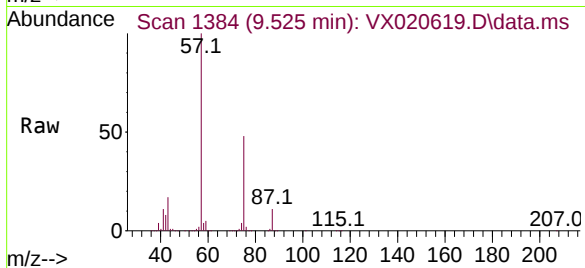




#57
1,3-Dichloropropane
Concen: 5.26 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

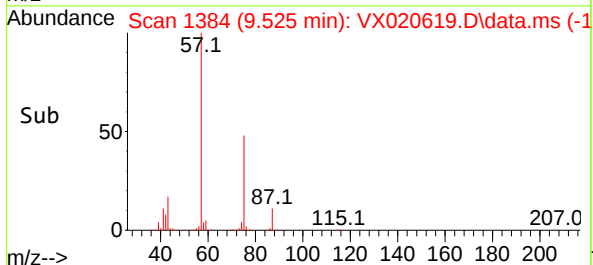
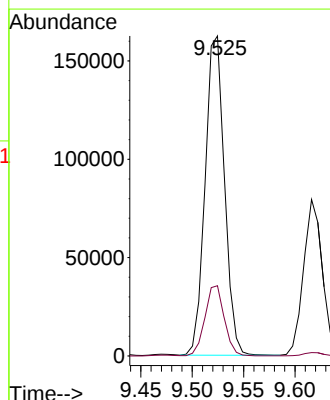
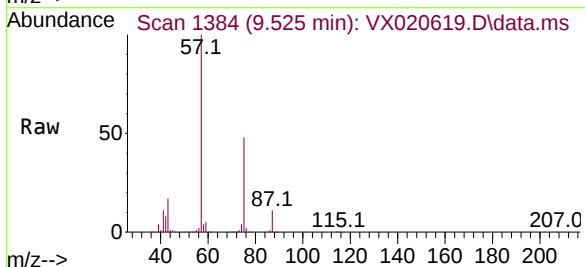
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#08

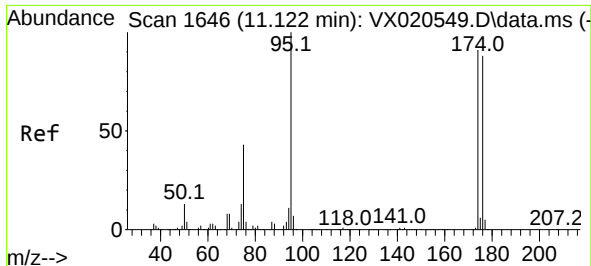
Tgt Ion: 76 Resp: 19767
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#



#59
2-Hexanone
Concen: 113.70 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

Tgt Ion: 43 Resp: 213100
Ion Ratio Lower Upper
43 100
58 21.9 30.9 92.8#

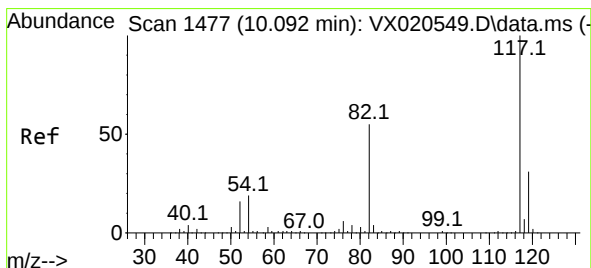
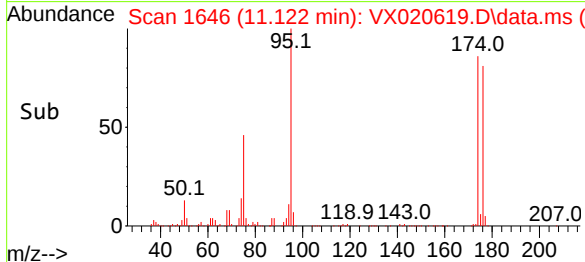
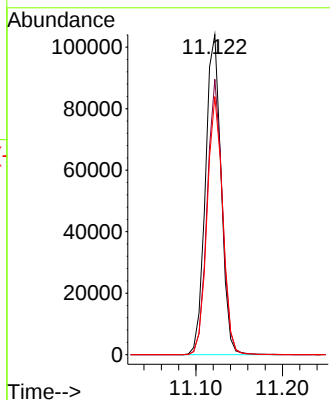
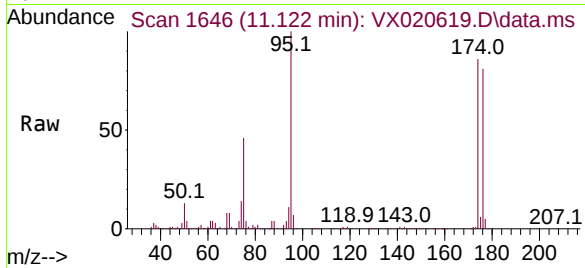




#62
4-Bromofluorobenzene
Concen: 47.63 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

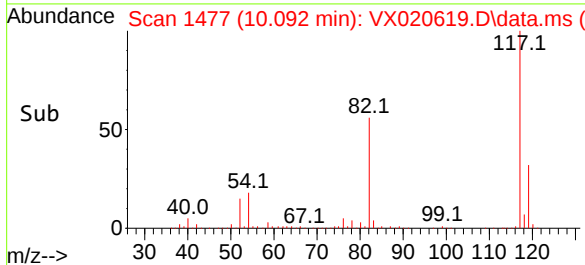
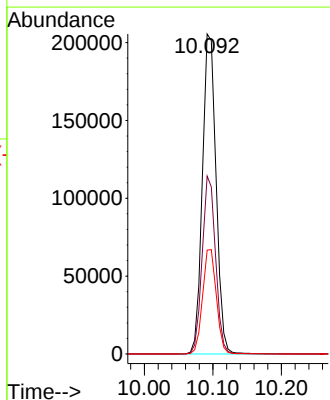
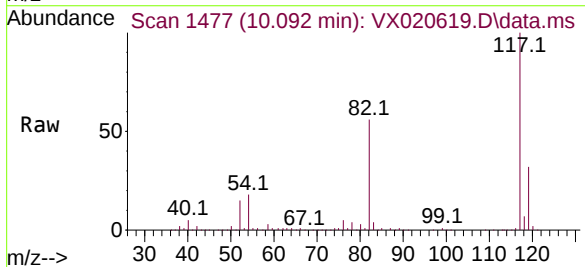
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#08

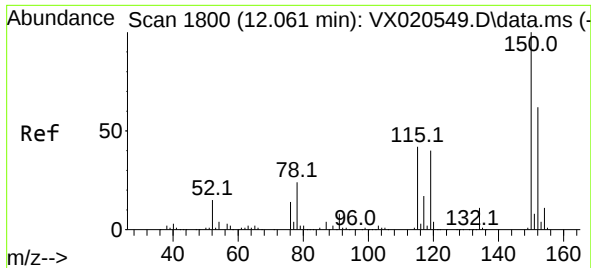
Tgt Ion: 95 Resp: 130649
Ion Ratio Lower Upper
95 100
174 83.6 0.0 154.6
176 80.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

Tgt Ion: 117 Resp: 286249
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 32.4 26.6 39.8

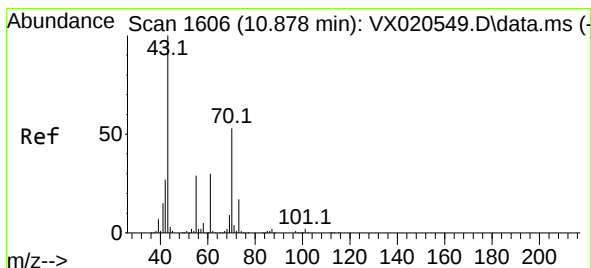
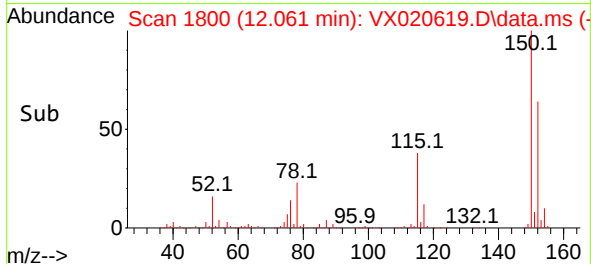
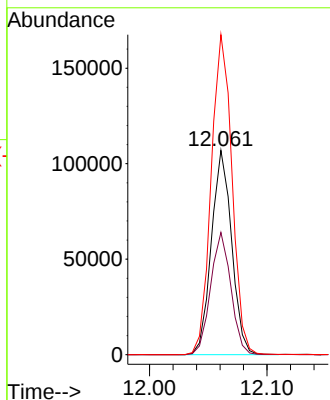
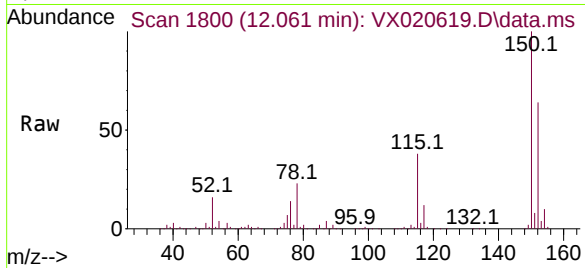




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

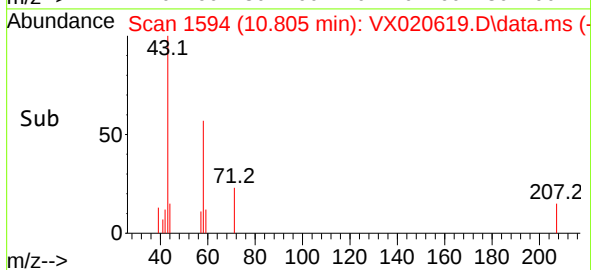
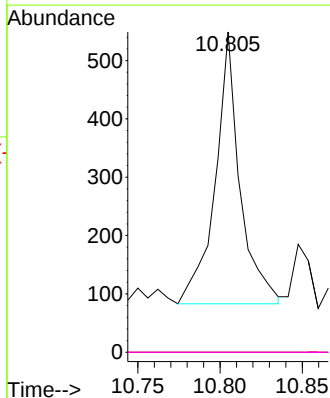
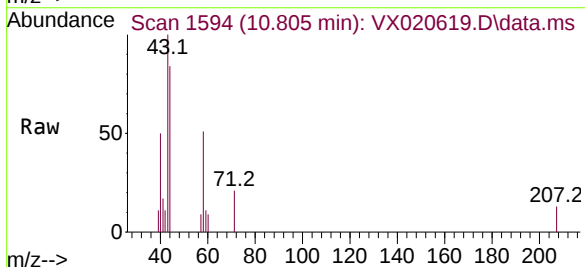
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#08

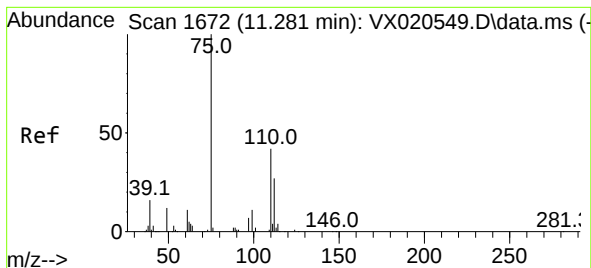
Tgt Ion:152 Resp: 128453
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 160.6 0.0 349.0



#74
N-ethyl acetate
Concen: 1.39 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.073 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

Tgt Ion: 43 Resp: 486
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

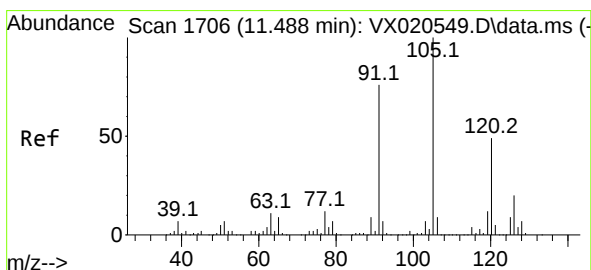
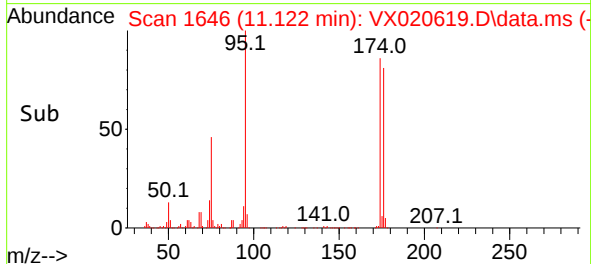
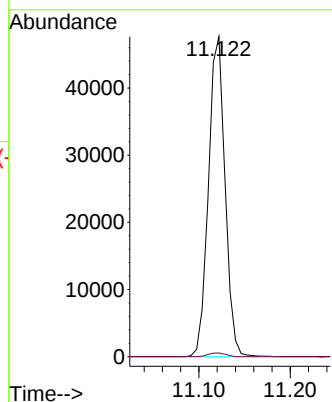
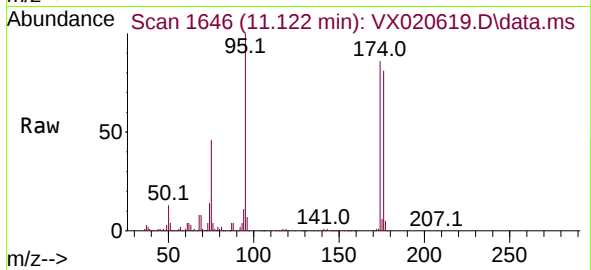




#76
1,2,3-Trichloropropane
Concen: 22.11 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

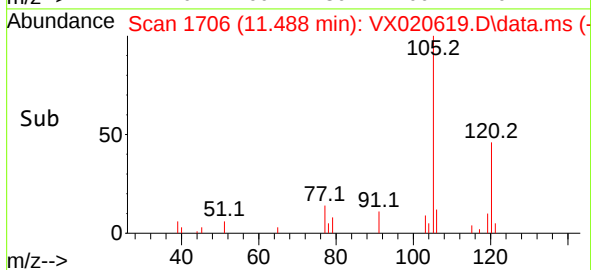
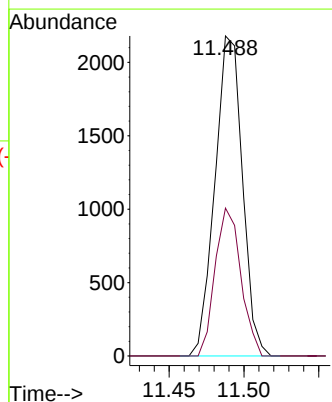
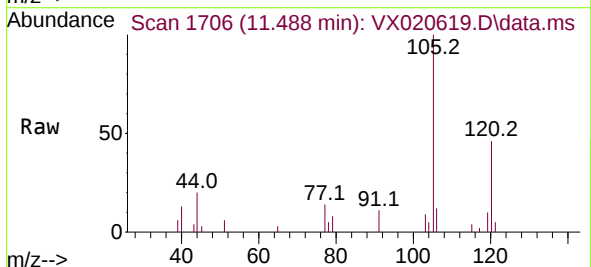
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#08

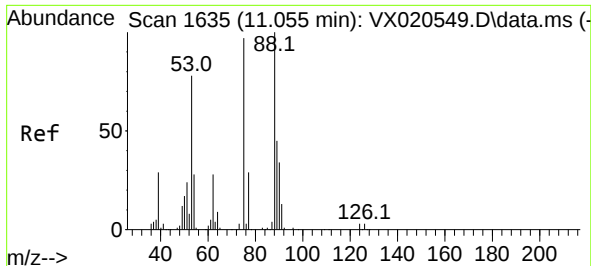
Tgt Ion: 75 Resp: 59830
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.38 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

Tgt Ion:105 Resp: 2790
Ion Ratio Lower Upper
105 100
120 43.2 23.8 71.5

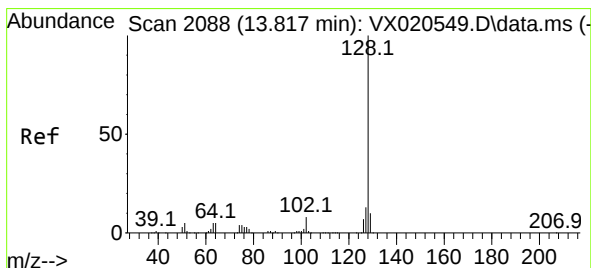
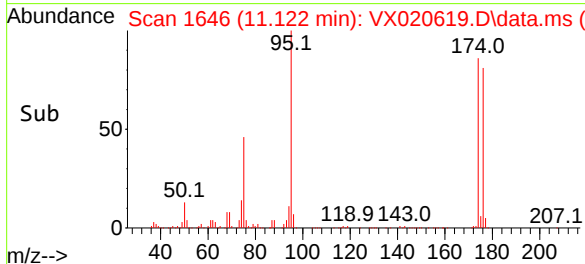
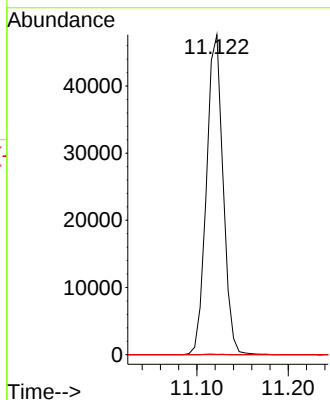
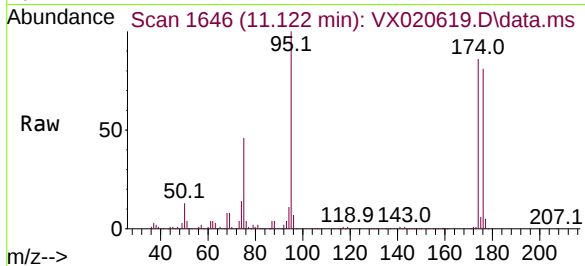




#81
trans-1,4-Dichloro-2-butene
Concen: 60.24 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#08

Tgt Ion: 75 Resp: 59830
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.85 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020619.D
Acq: 14 Jan 2021 17:45

Tgt Ion: 128 Resp: 84
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

