

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020616.D
 Acq On : 14 Jan 2021 16:36
 Operator : JC/MD
 Sample : PB134118ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB134118ZHE#05

Quant Time: Jan 15 05:11:34 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)

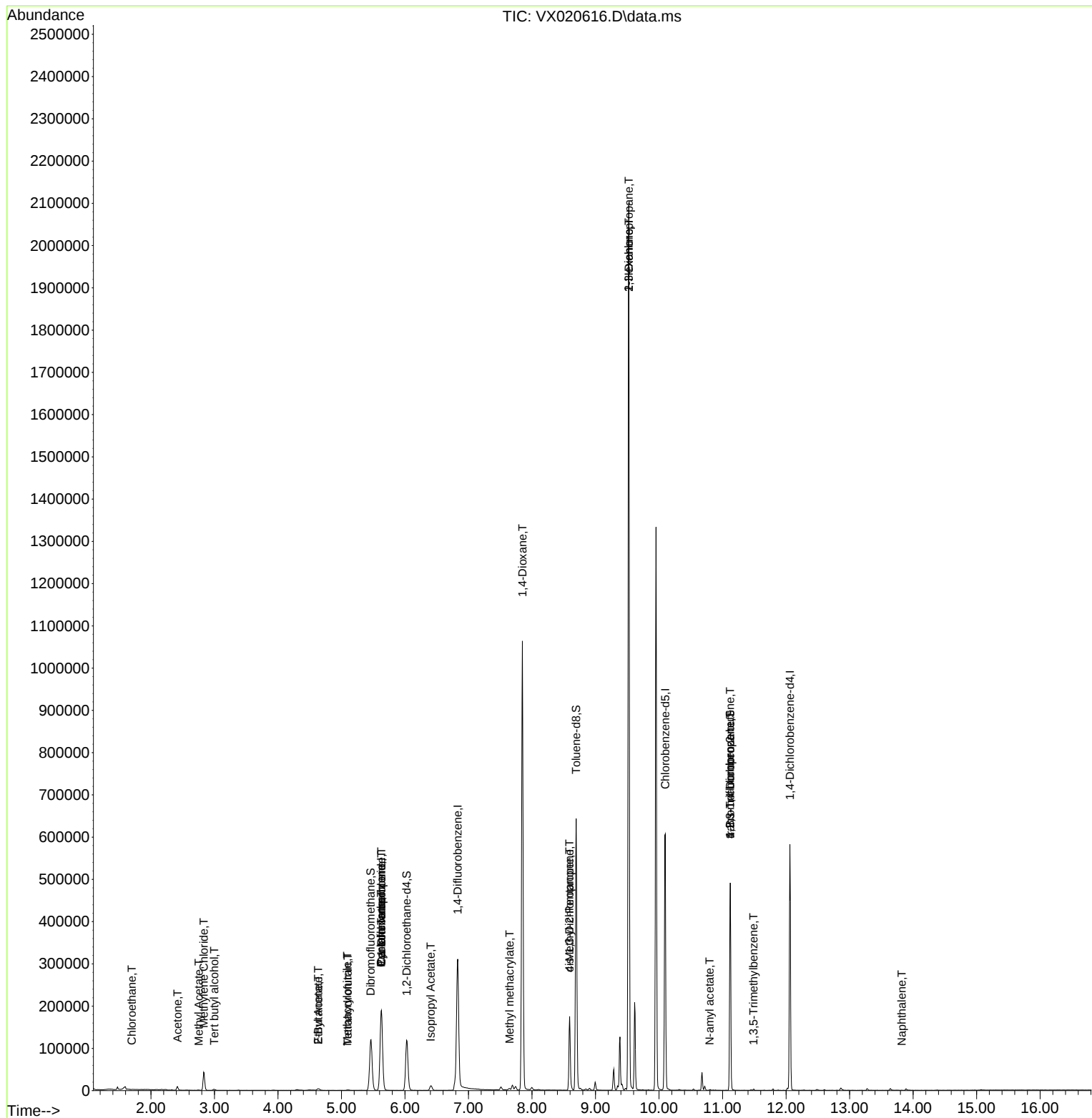
Internal Standards						
1) Pentafluorobenzene	5.623	168	187981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	313314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	303091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	126063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	115910	51.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.68%			
35) Dibromofluoromethane	5.458	113	103934	47.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.76%			
50) Toluene-d8	8.696	98	385751	49.66	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.32%			
62) 4-Bromofluorobenzene	11.122	95	136388	49.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.44%			
Target Compounds					Qvalue	
6) Chloroethane	1.697	64	84	0.48	ug/l #	43
11) Tert butyl alcohol	2.995	59	2011	2.62	ug/l #	77
16) Acetone	2.416	43	9151	8.05	ug/l	96
18) Methyl Acetate	2.752	43	946	0.47	ug/l #	83
20) Methylene Chloride	2.831	84	20746	9.73	ug/l	96
25) 2-Butanone	4.635	43	5901	4.84	ug/l #	82
29) Tetrahydrofuran	5.099	42	934	1.26	ug/l #	77
31) Cyclohexane	5.623	56	3260	1.23	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	13134	4.59	ug/l #	49
37) Ethyl Acetate	4.635	43	5901	2.27	ug/l #	72
38) Carbon Tetrachloride	5.629	117	18374	5.50	ug/l #	17
41) Methacrylonitrile	5.093	41	500	0.37	ug/l #	37
43) Isopropyl Acetate	6.403	43	14489	3.59	ug/l	99
48) Methyl methacrylate	7.647	41	4908	2.50	ug/l #	10
49) 1,4-Dioxane	7.848	88	166	3.36	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	53129	21.25	ug/l #	47
54) cis-1,3-Dichloropropene	8.592	75	28862	8.09	ug/l #	60
57) 1,3-Dichloropropane	9.525	76	19539	5.20	ug/l #	42
59) 2-Hexanone	9.525	43	216416	115.46	ug/l #	48
74) N-amyl acetate	10.799	43	751	1.48	ug/l #	40
76) 1,2,3-Trichloropropane	11.122	75	62659	23.59	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.488	105	1540	0.22	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.122	75	62659	64.29	ug/l #	12
95) Naphthalene	13.823	128	137	3.86	ug/l #	69

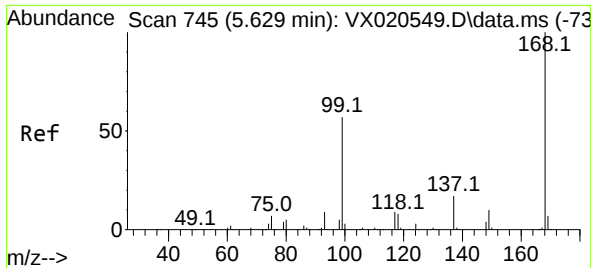
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB134118ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#05

Quant Time: Jan 15 05:11:34 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

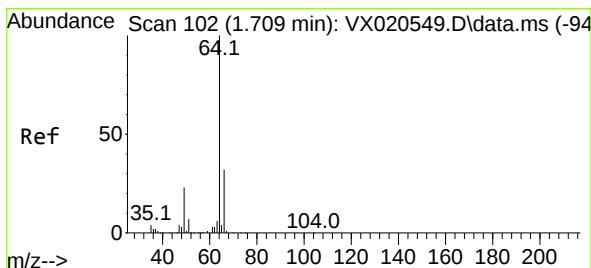
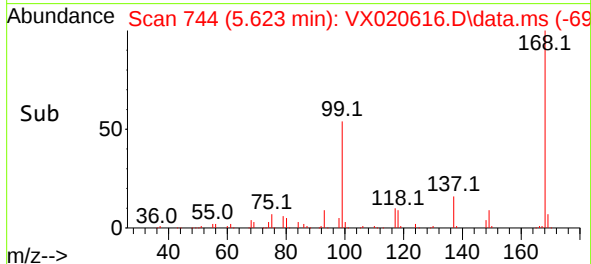
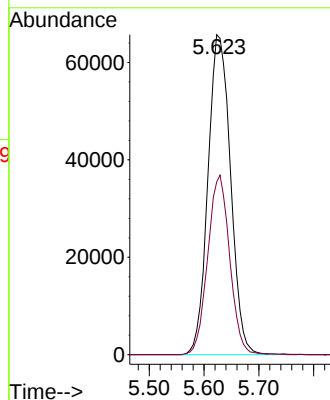
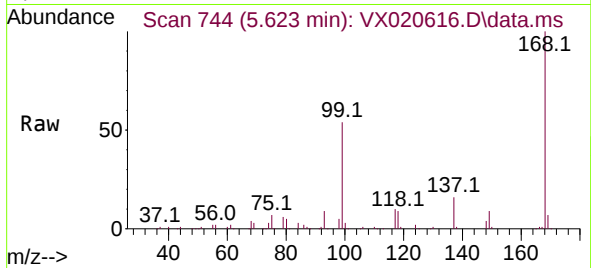




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

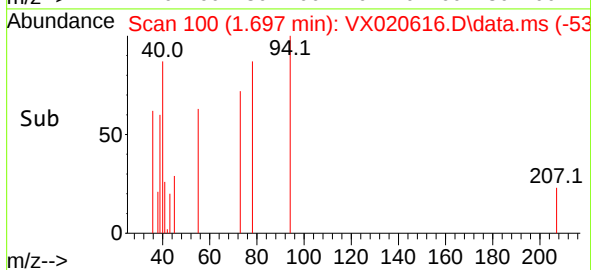
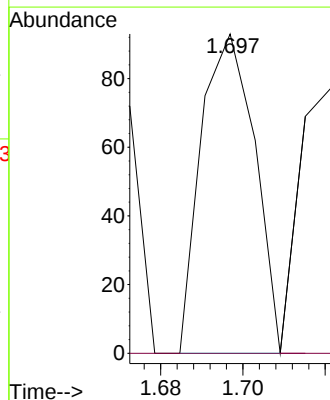
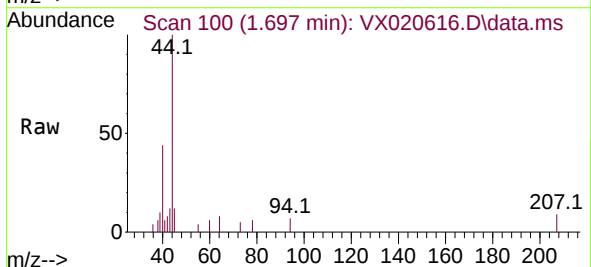
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#05

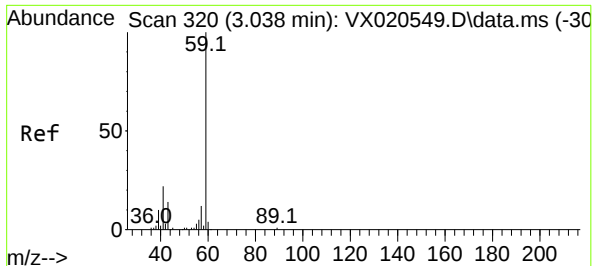
Tgt Ion:168 Resp: 187981
Ion Ratio Lower Upper
168 100
99 54.0 45.8 68.6



#6
Chloroethane
Concen: 0.48 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.012 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

Tgt Ion: 64 Resp: 84
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



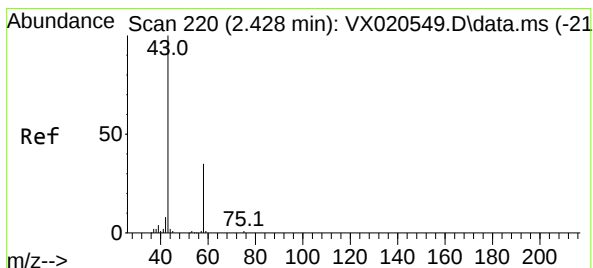
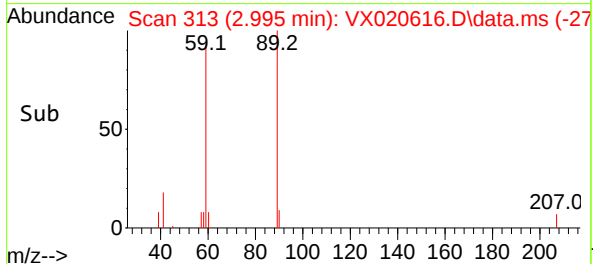
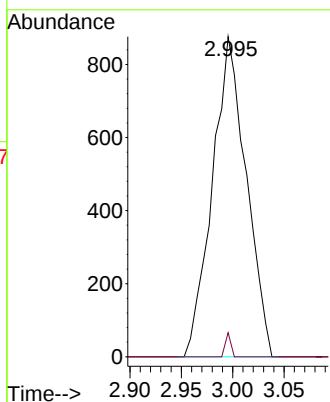
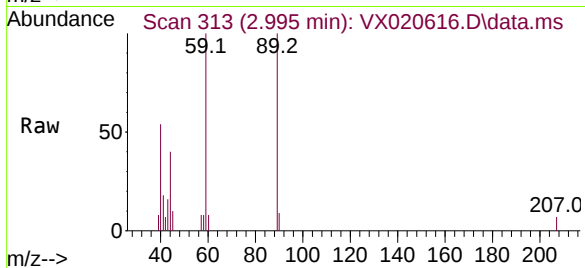


#11

Tert butyl alcohol
Concen: 2.62 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.043 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#05

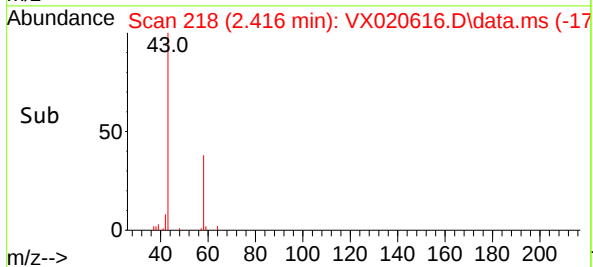
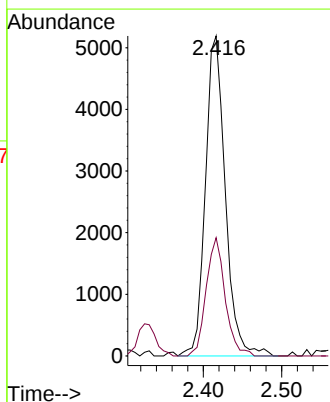
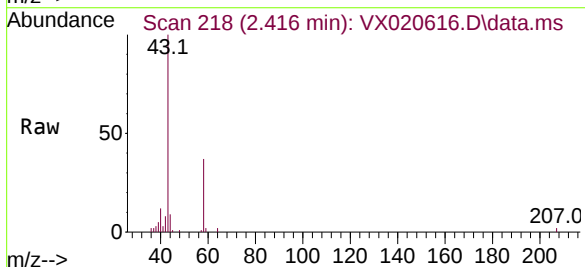
Tgt Ion: 59 Resp: 2011
Ion Ratio Lower Upper
59 100
57 1.2 7.8 11.8#

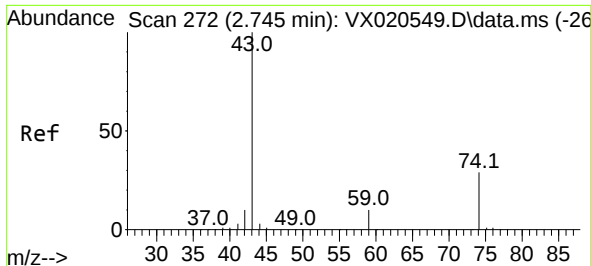


#16

Acetone
Concen: 8.05 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

Tgt Ion: 43 Resp: 9151
Ion Ratio Lower Upper
43 100
58 36.9 27.8 41.8

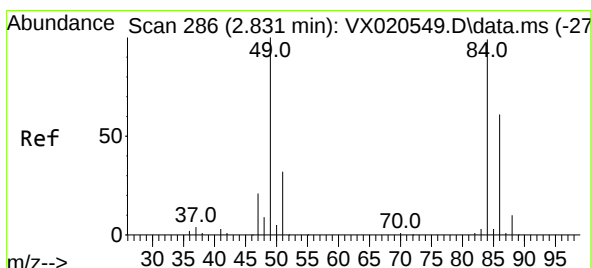
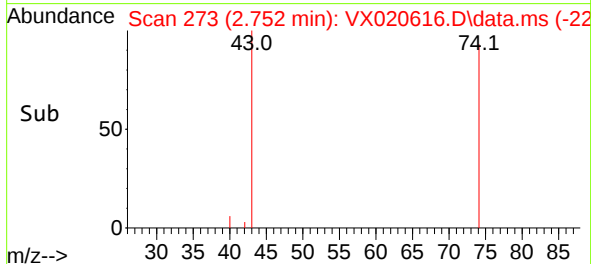
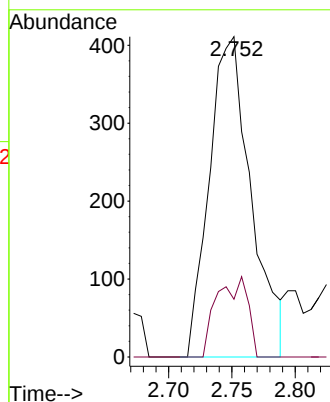
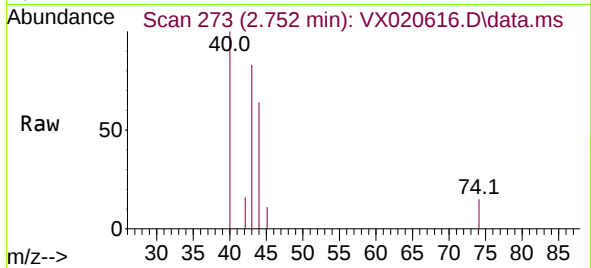




#18
Methyl Acetate
Concen: 0.47 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

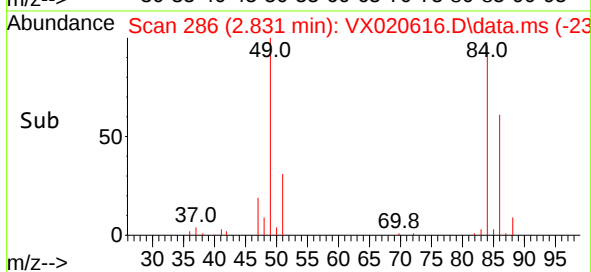
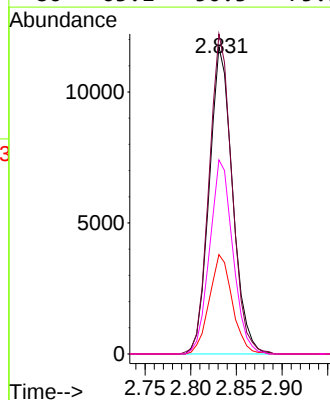
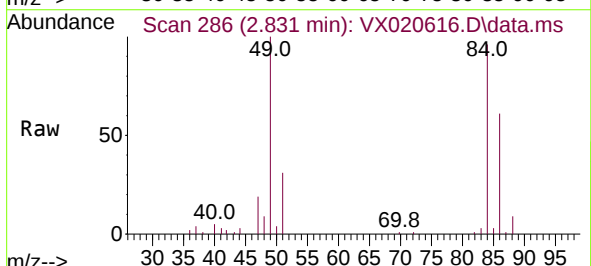
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#05

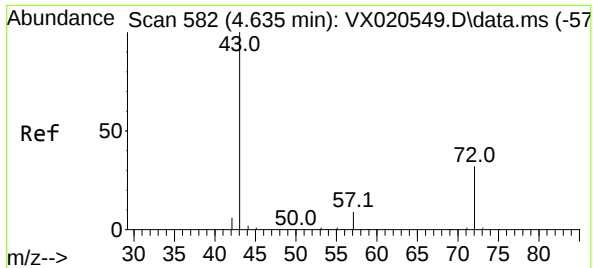
Tgt Ion: 43 Resp: 946
Ion Ratio Lower Upper
43 100
74 18.4 21.9 32.9#



#20
Methylene Chloride
Concen: 9.73 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

Tgt Ion: 84 Resp: 20746
Ion Ratio Lower Upper
84 100
49 104.1 88.6 132.8
51 32.3 27.0 40.6
86 63.1 50.3 75.5

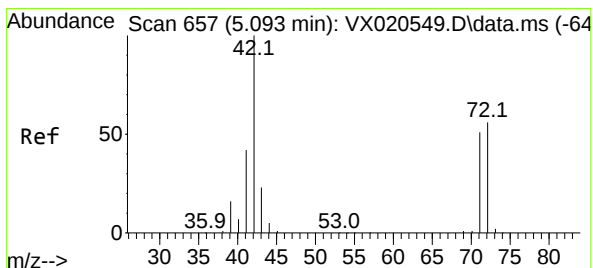
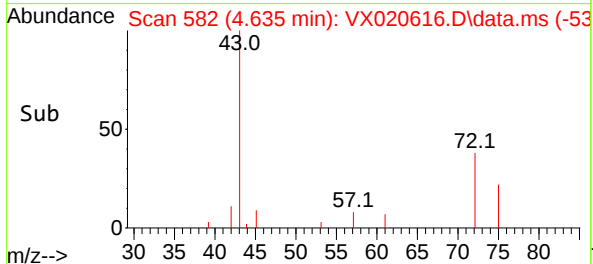
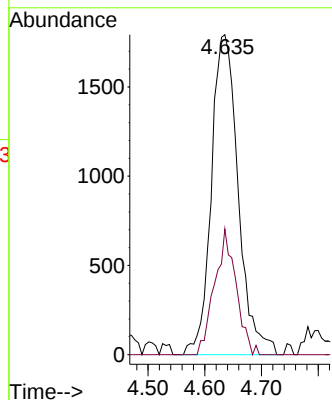
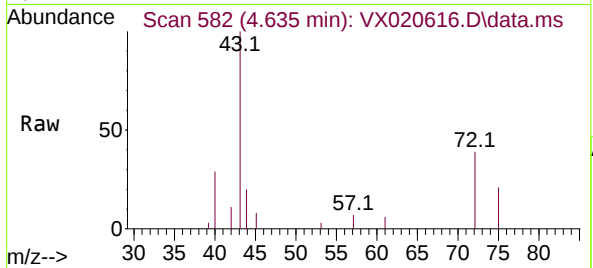




#25
2-Butanone
Concen: 4.84 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.000 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

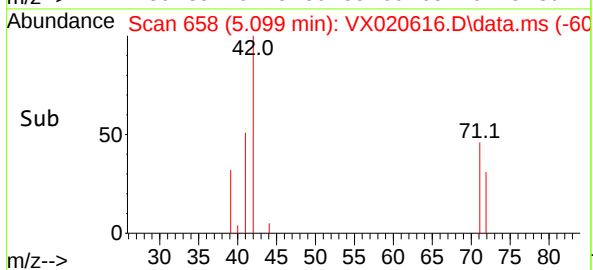
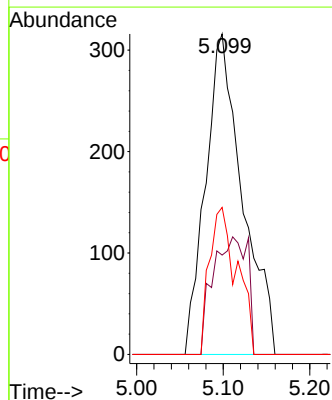
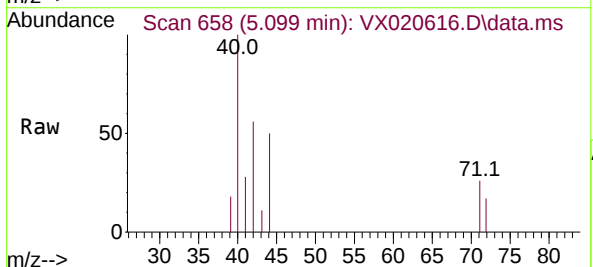
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#05

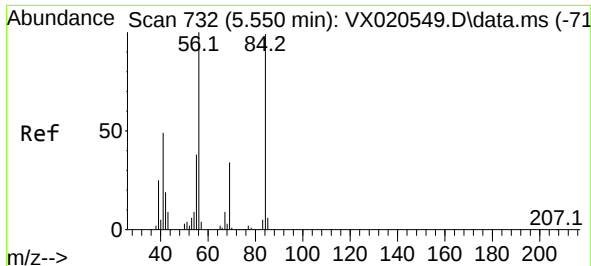
Tgt Ion: 43 Resp: 5901
Ion Ratio Lower Upper
43 100
72 39.3 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.26 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

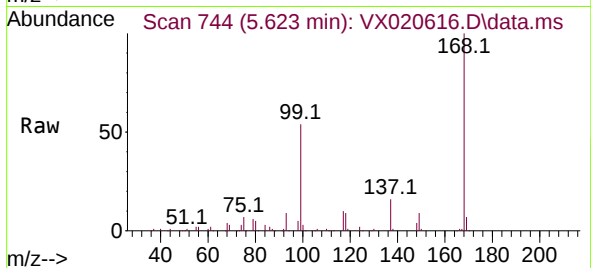
Tgt Ion: 42 Resp: 934
Ion Ratio Lower Upper
42 100
72 34.2 41.7 62.5#
71 34.3 38.4 57.6#



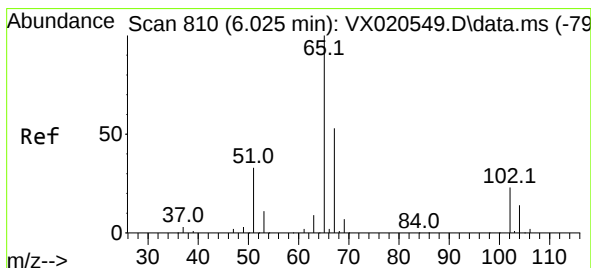
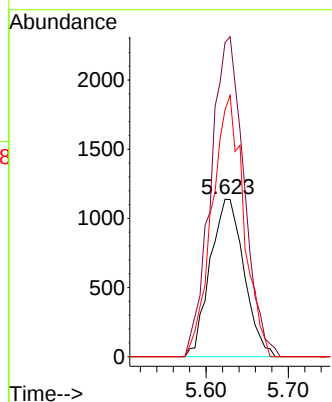
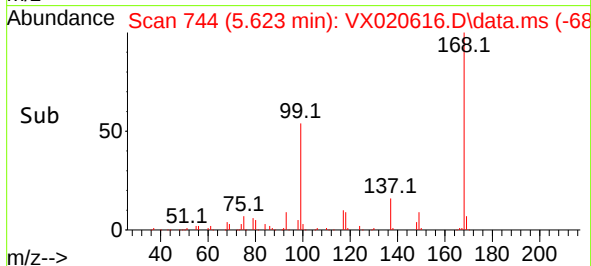


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

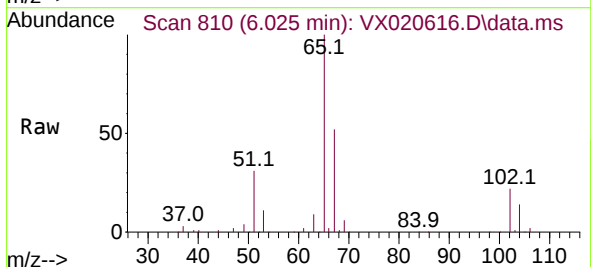
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MSVOA_X
ClientSampleId :
PB134118ZHE#05



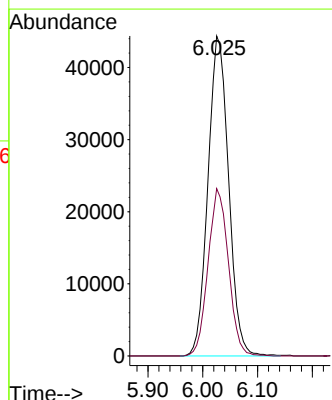
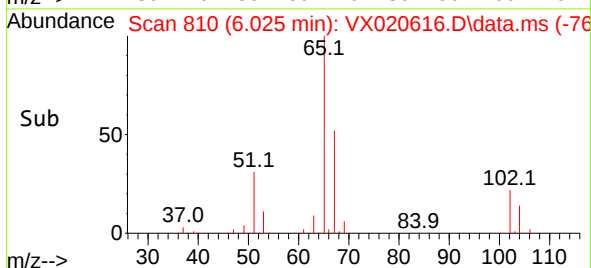
Tgt Ion: 56 Resp: 3260
Ion Ratio Lower Upper
56 100
69 199.4 25.3 37.9#
84 156.6 71.4 107.0#

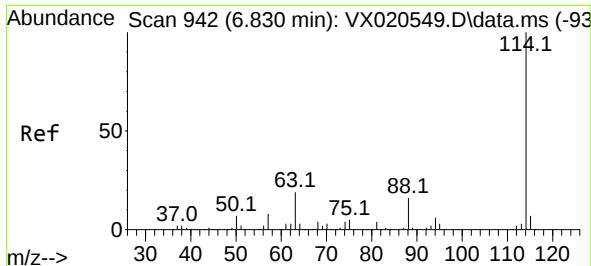


#33
1,2-Dichloroethane-d4
Concen: 51.34 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36



Tgt Ion: 65 Resp: 115910
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

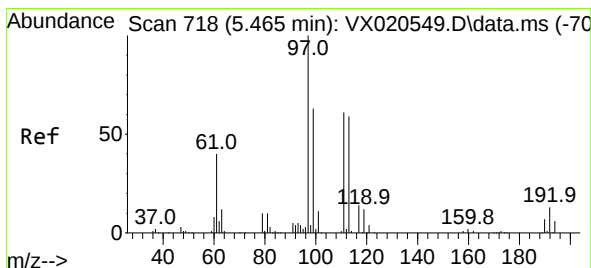
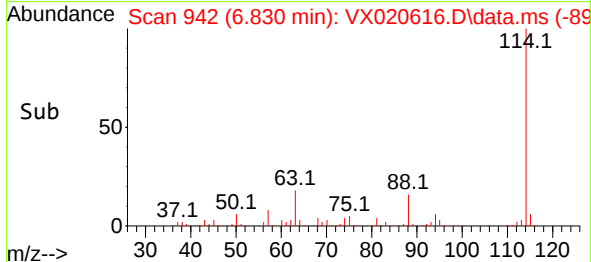
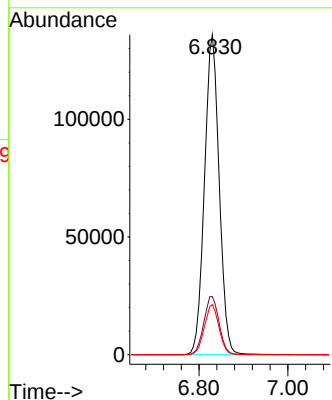
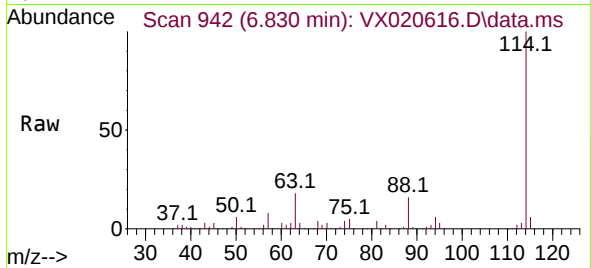




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

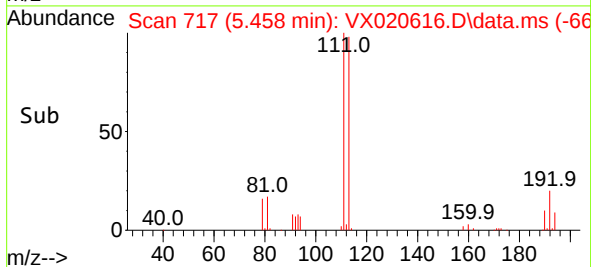
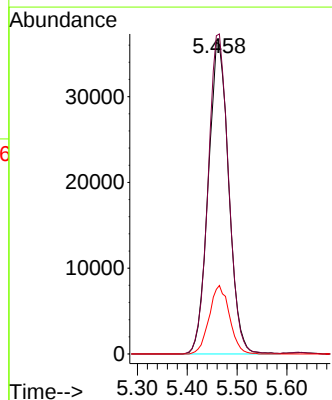
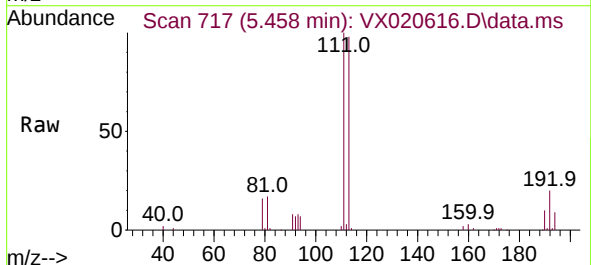
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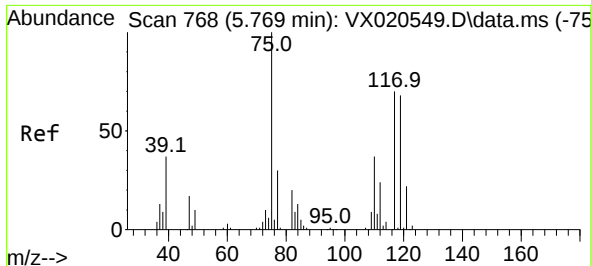
Tgt Ion:114 Resp: 313314
Ion Ratio Lower Upper
114 100
63 18.2 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.88 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

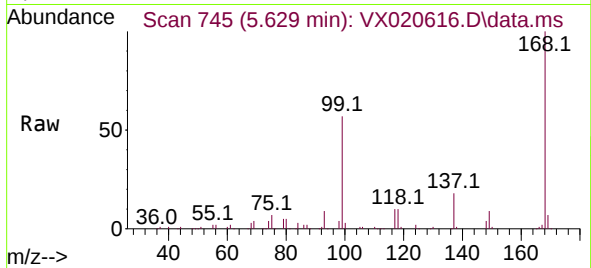
Tgt Ion:113 Resp: 103934
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 21.6 16.7 25.1



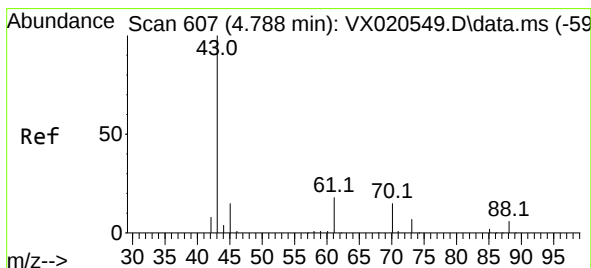
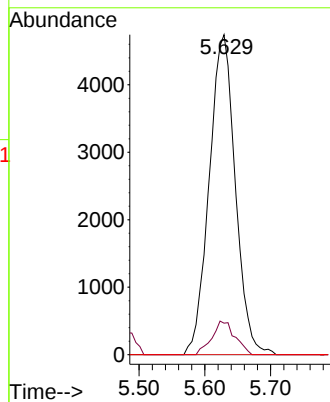
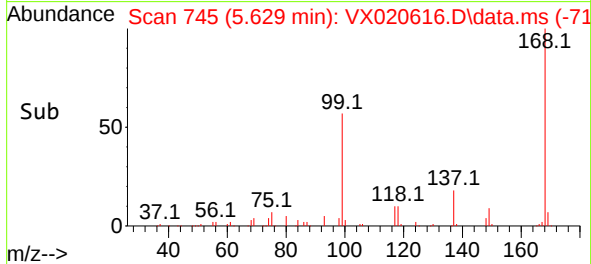


#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

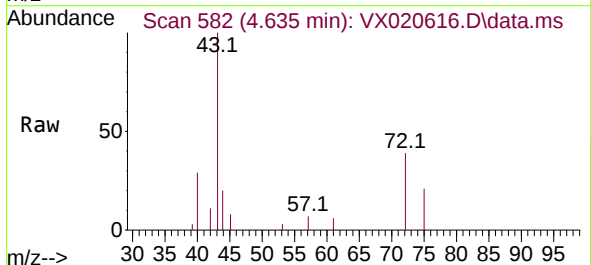
Instrument :
MSVOA_X
ClientSampleId :
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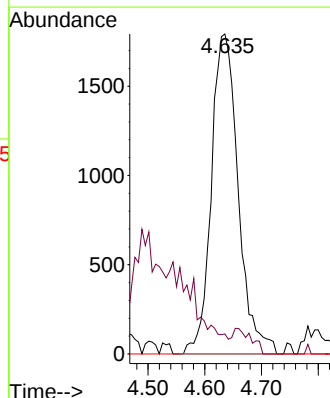
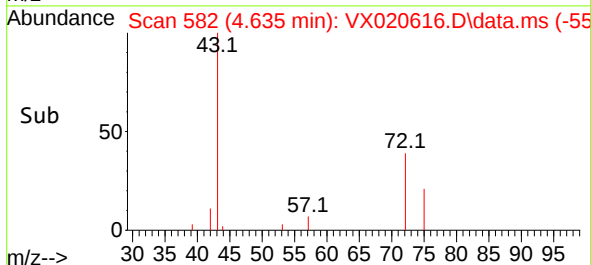
Tgt Ion: 75 Resp: 13134
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#

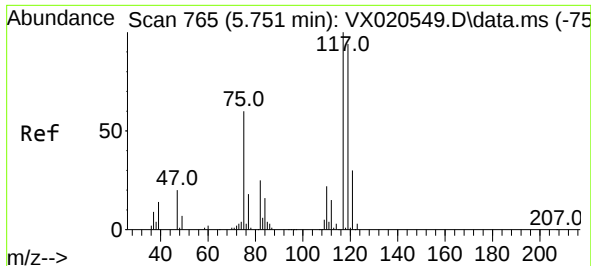


#37
Ethyl Acetate
Concen: 2.27 ug/l
RT: 4.635 min Scan# 582
Delta R.T. -0.153 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36



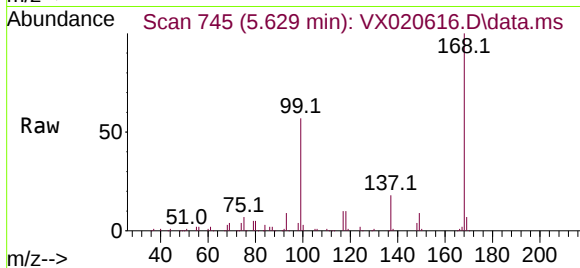
Tgt Ion: 43 Resp: 5901
Ion Ratio Lower Upper
43 100
61 5.6 12.8 19.2#
70 0.0 10.5 15.7#



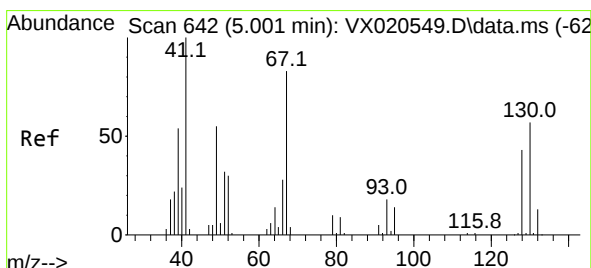
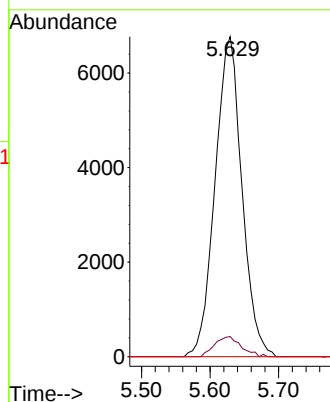
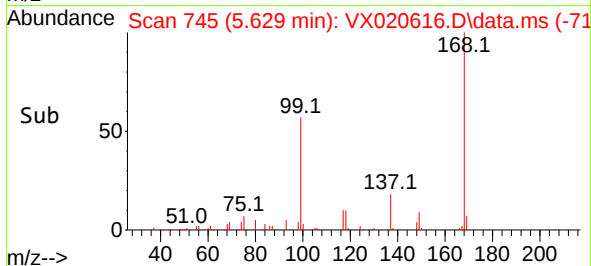


#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

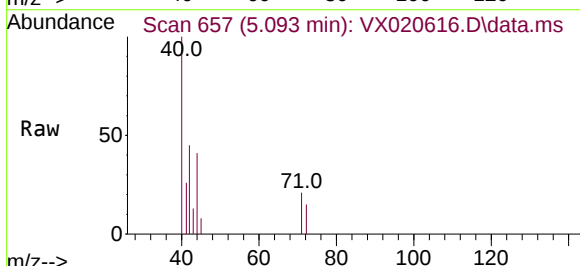
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#05



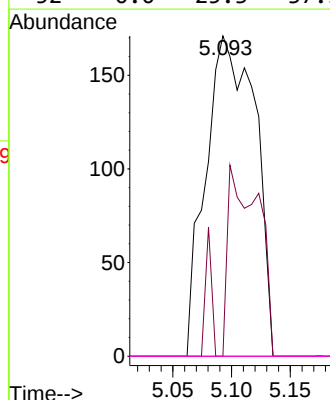
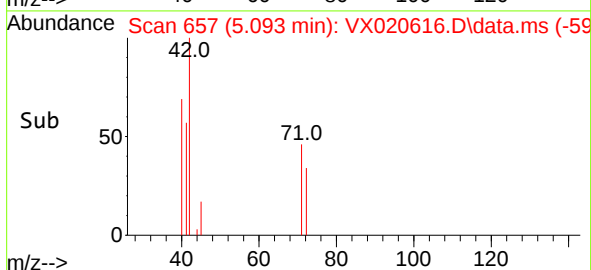
Tgt Ion:117 Resp: 18374
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#

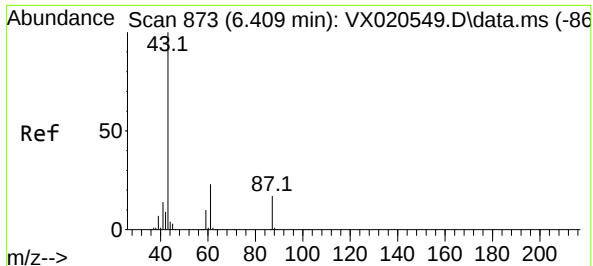


#41
Methacrylonitrile
Concen: 0.37 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.092 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36



Tgt Ion: 41 Resp: 500
Ion Ratio Lower Upper
41 100
39 36.8 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

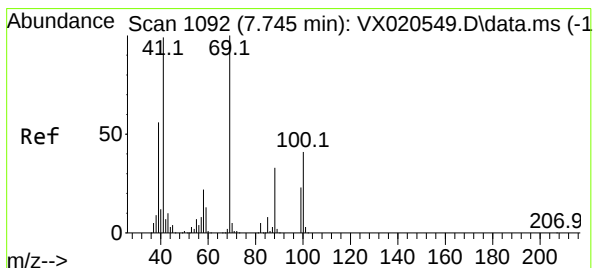
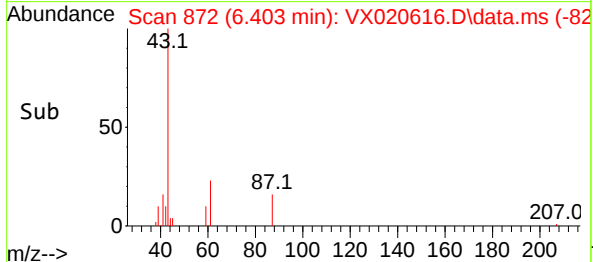
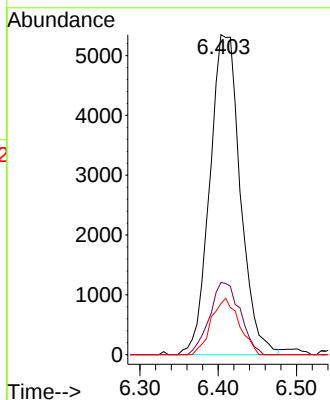
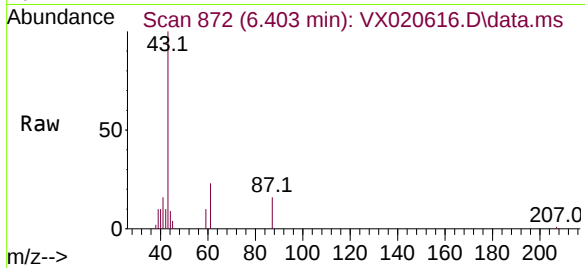




#43
Isopropyl Acetate
Concen: 3.59 ug/l
RT: 6.403 min Scan# 872
Delta R.T. -0.006 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

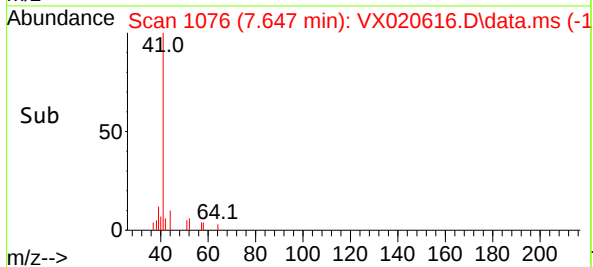
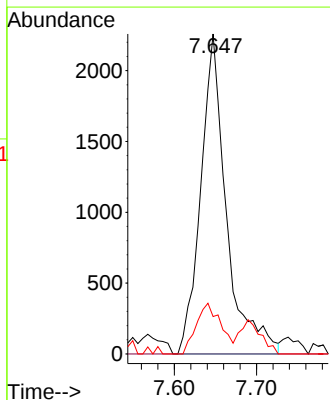
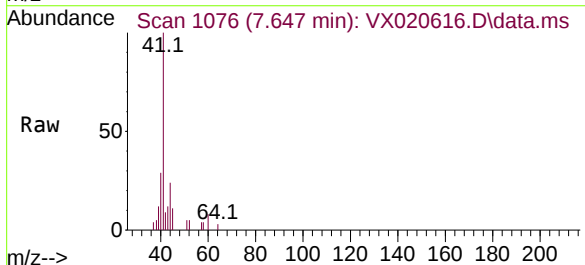
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#05

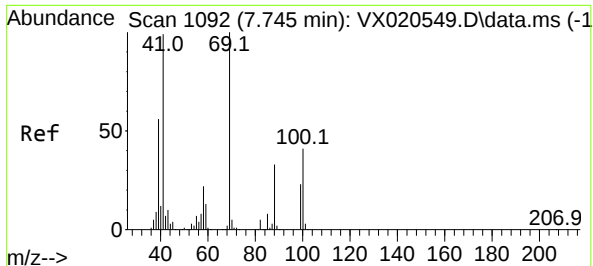
Tgt Ion: 43	Resp: 14489
Ion Ratio	Lower Upper
43 100	
61 22.6	18.2 27.4
87 16.1	12.5 18.7



#48
Methyl methacrylate
Concen: 2.50 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.098 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

Tgt Ion: 41	Resp: 4908
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: 3.36 ug/l

RT: 7.848 min Scan# 1109

Delta R.T. 0.103 min

Lab File: VX020616.D

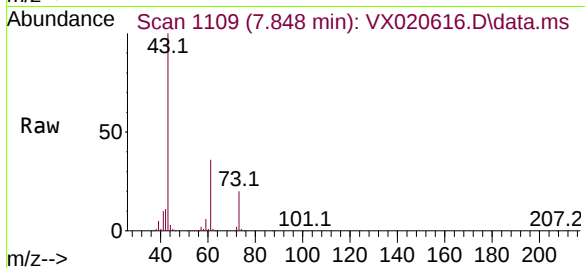
Acq: 14 Jan 2021 16:36

Instrument :

MSVOA_X

ClientSampleId :

PB134118ZHE#05



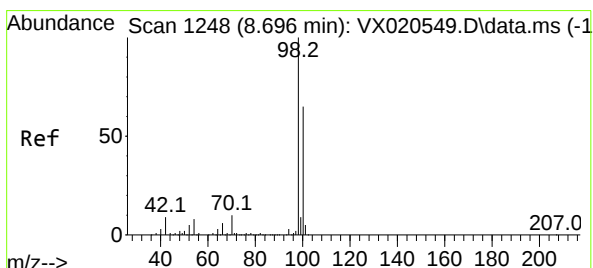
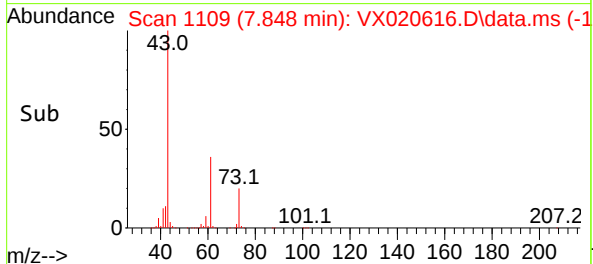
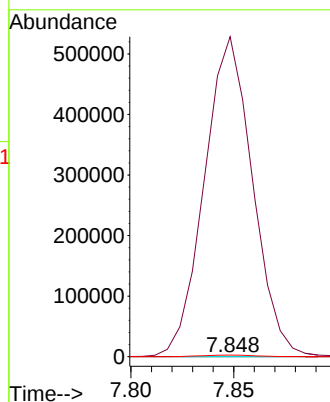
Tgt Ion: 88 Resp: 166

Ion Ratio Lower Upper

88 100

43 522732.5 23.2 34.8#

58 2991.0 55.0 82.4#



#50

Toluene-d8

Concen: 49.66 ug/l

RT: 8.696 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VX020616.D

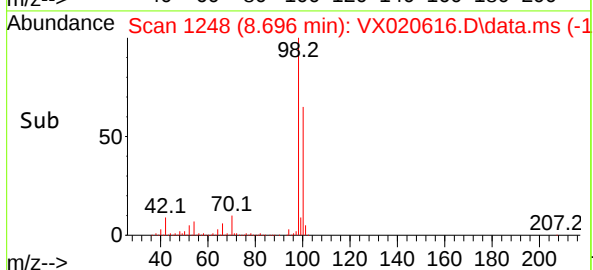
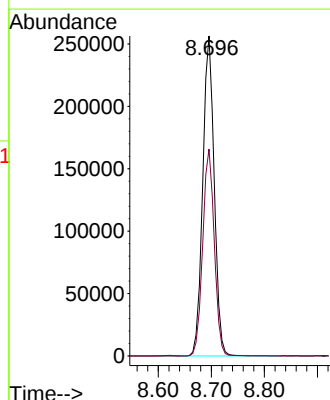
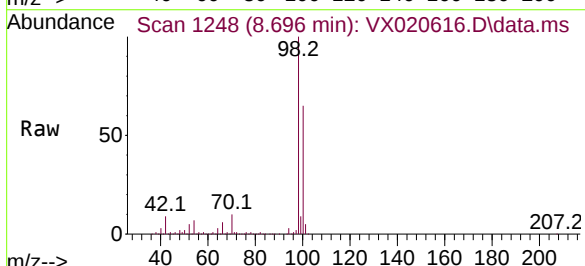
Acq: 14 Jan 2021 16:36

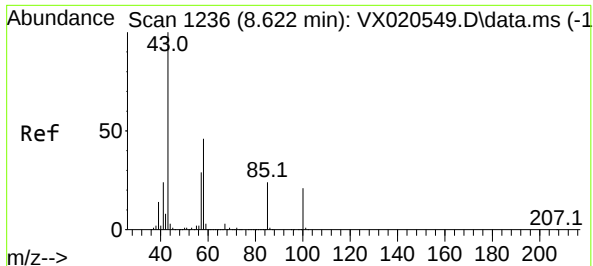
Tgt Ion: 98 Resp: 385751

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9

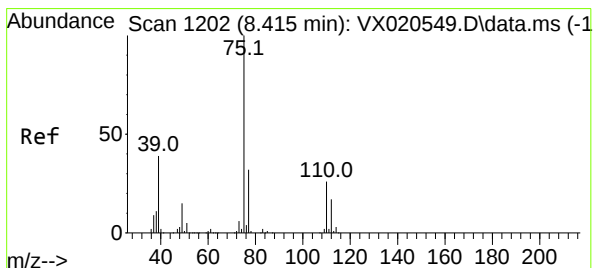
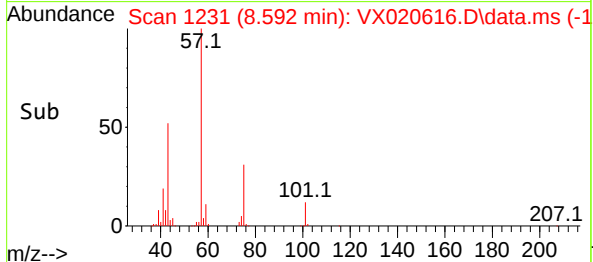
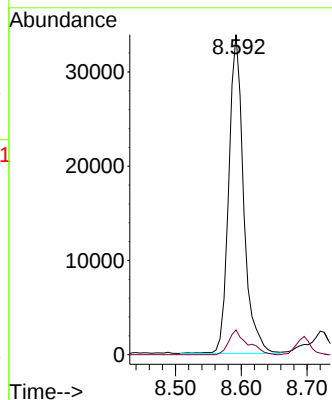
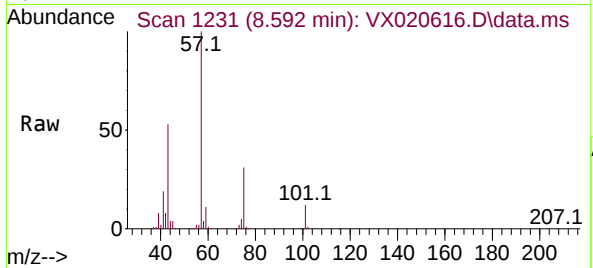




#51
4-Methyl-2-Pentanone
Concen: 21.25 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.030 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

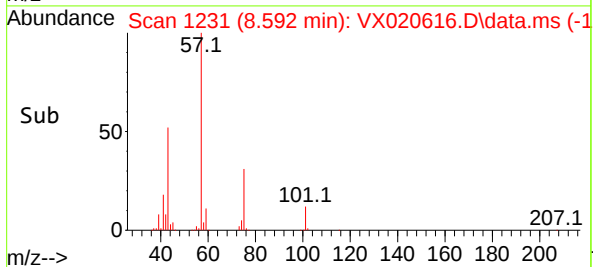
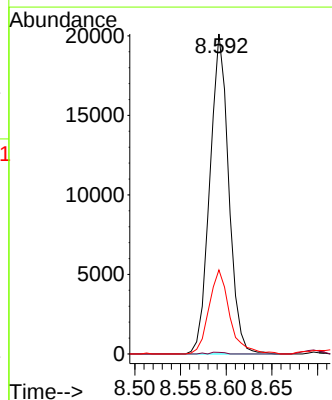
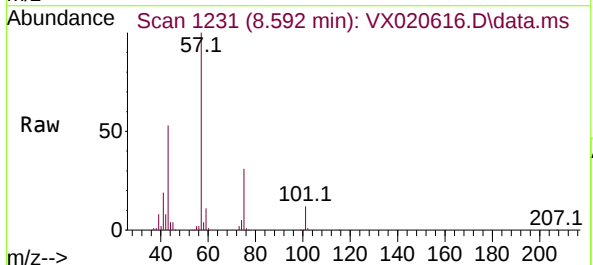
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#05

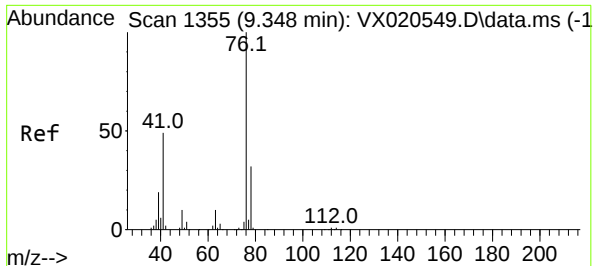
Tgt Ion: 43 Resp: 53129
Ion Ratio Lower Upper
43 100
58 9.8 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 8.09 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.177 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

Tgt Ion: 75 Resp: 28862
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 26.2 35.1 52.7#





#57

1,3-Dichloropropane

Concen: 5.20 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.177 min

Lab File: VX020616.D

Acq: 14 Jan 2021 16:36

Tgt Ion: 76 Resp: 19539

Ion Ratio Lower Upper

76 100

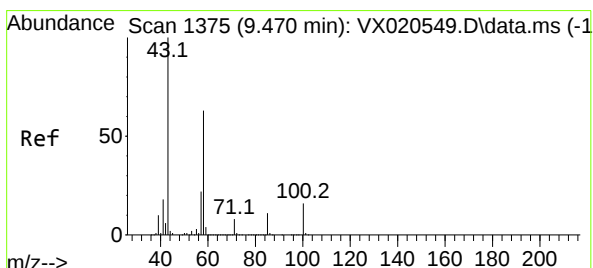
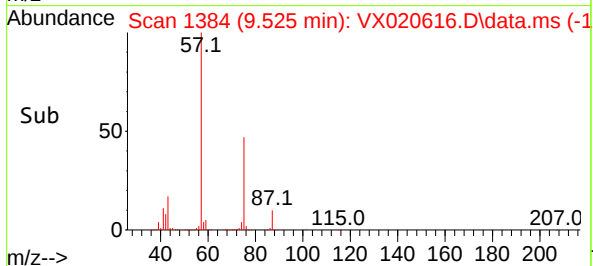
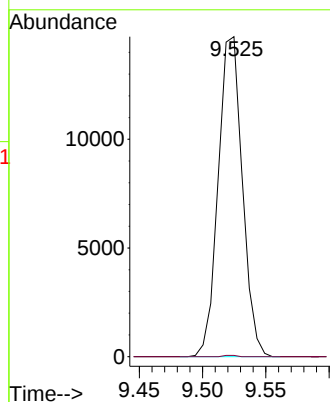
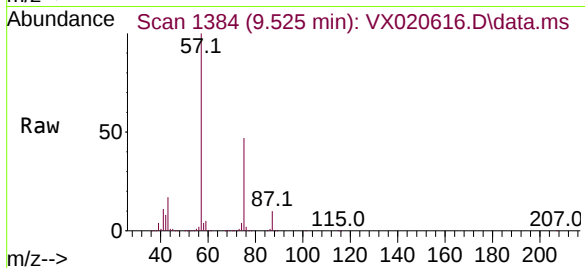
78 0.2 26.2 39.2#

Instrument :

MSVOA_X

ClientSampleId :

PB134118ZHE#05



#59

2-Hexanone

Concen: 115.46 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.055 min

Lab File: VX020616.D

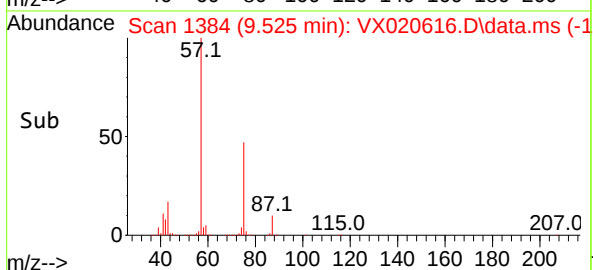
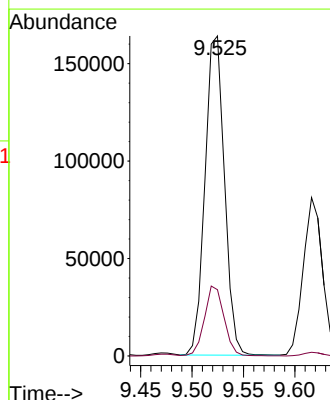
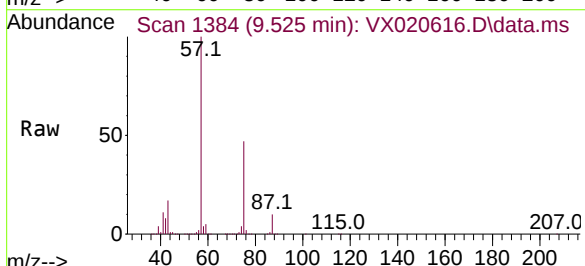
Acq: 14 Jan 2021 16:36

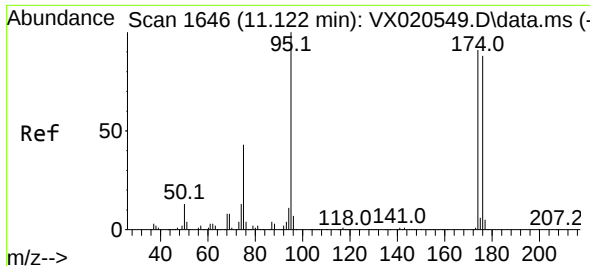
Tgt Ion: 43 Resp: 216416

Ion Ratio Lower Upper

43 100

58 22.1 30.9 92.8#

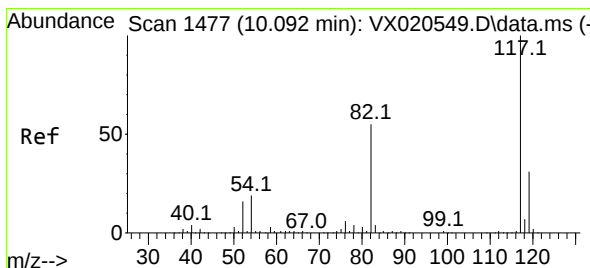
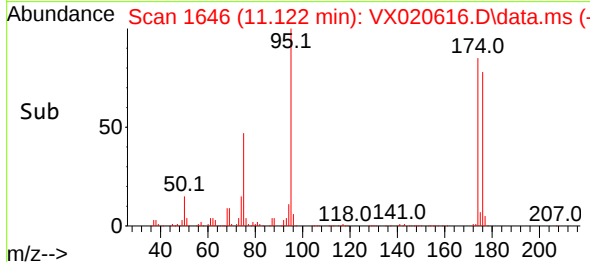
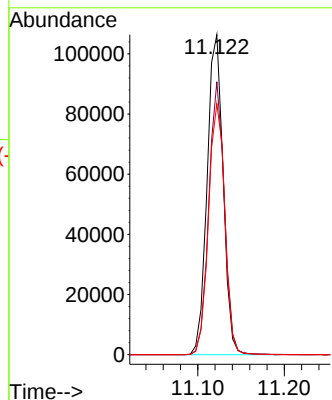
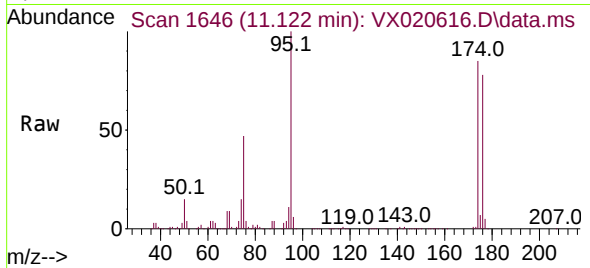




#62
4-Bromofluorobenzene
Concen: 49.72 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

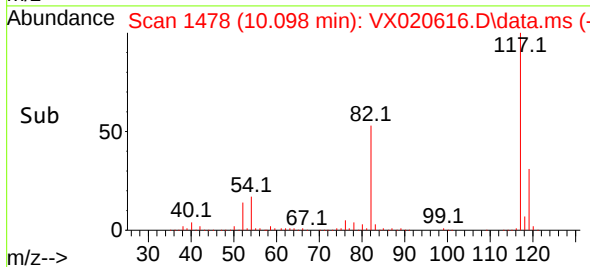
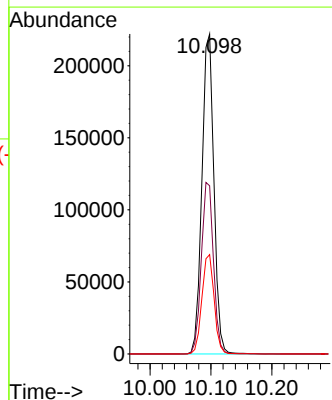
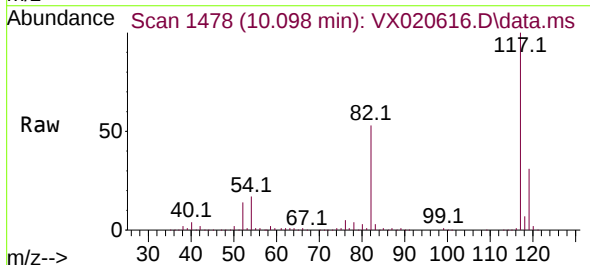
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#05

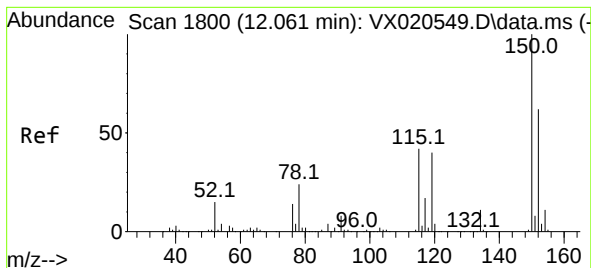
Tgt Ion: 95 Resp: 136388
Ion Ratio Lower Upper
95 100
174 83.3 0.0 154.6
176 79.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

Tgt Ion: 117 Resp: 303091
Ion Ratio Lower Upper
117 100
82 52.5 47.4 71.2
119 31.0 26.6 39.8

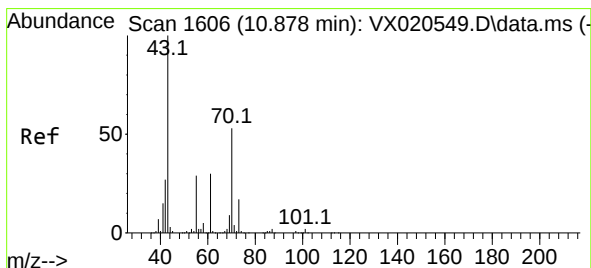
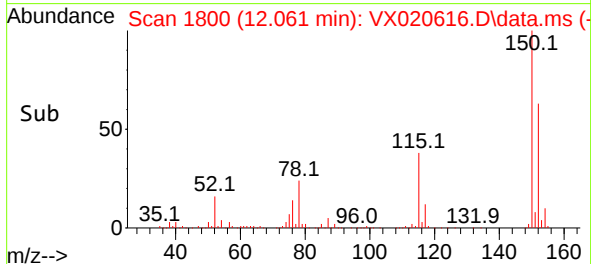
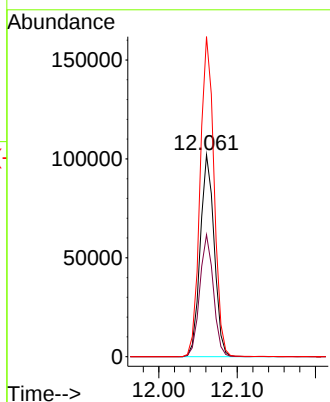
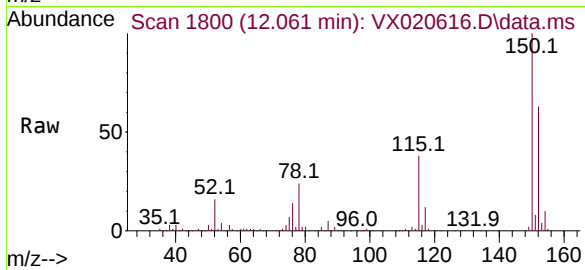




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

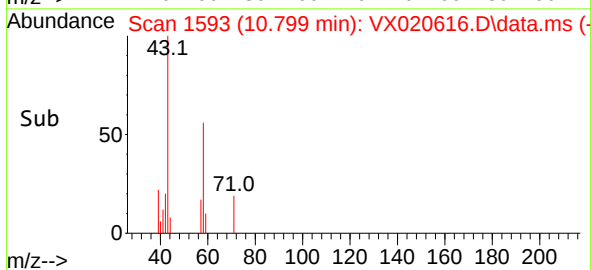
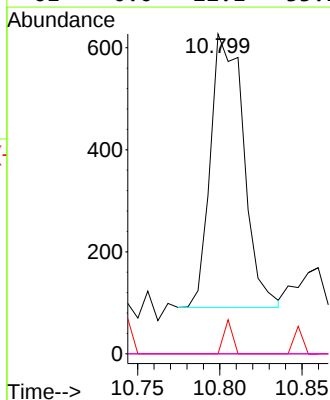
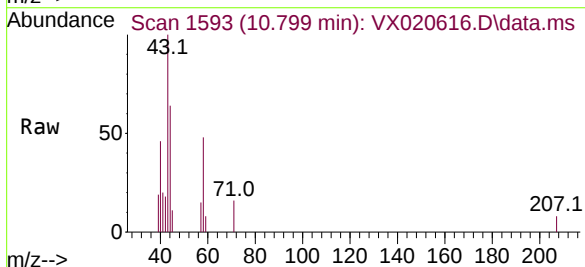
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#05

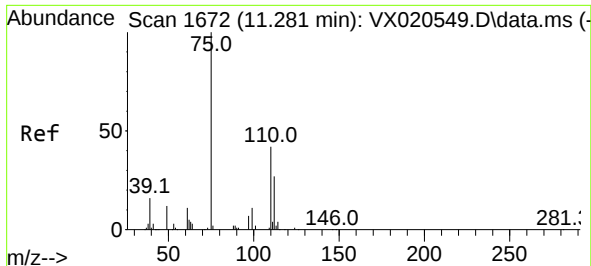
Tgt Ion:152 Resp: 126063
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 158.1 0.0 349.0



#74
N-ethyl acetate
Concen: 1.48 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.079 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 3.3 21.5 32.3#
61 0.0 22.1 33.1#

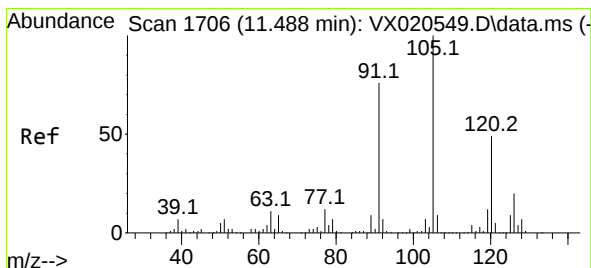
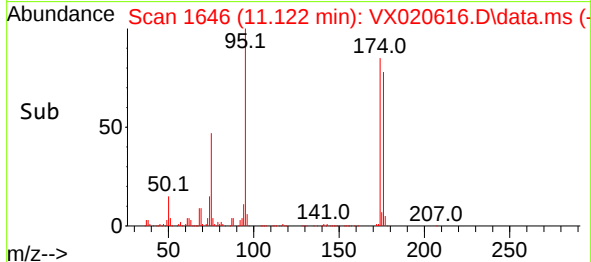
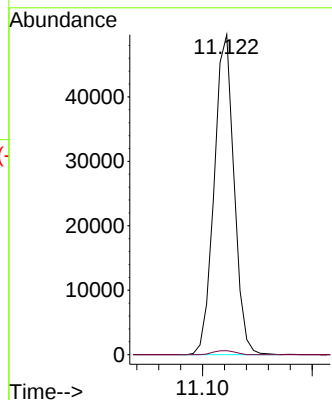
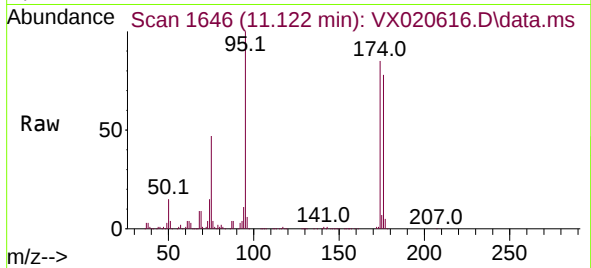




#76
1,2,3-Trichloropropane
Concen: 23.59 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

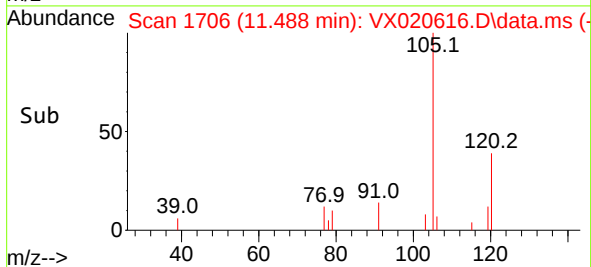
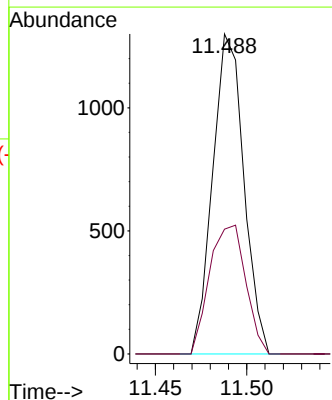
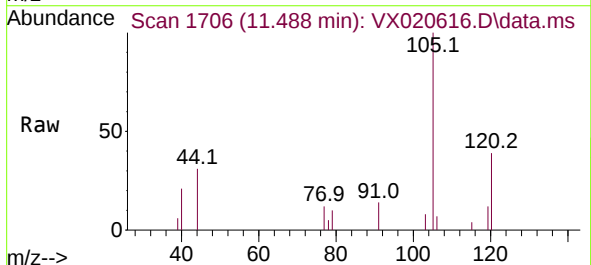
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#05

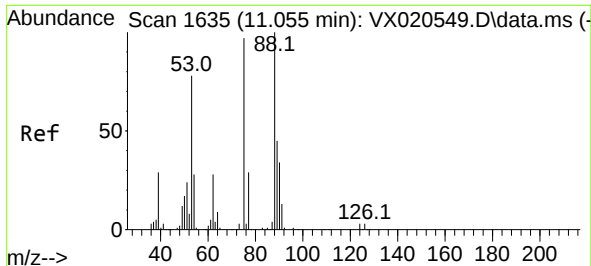
Tgt Ion: 75 Resp: 62659
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.22 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

Tgt Ion: 105 Resp: 1540
Ion Ratio Lower Upper
105 100
120 46.7 23.8 71.5

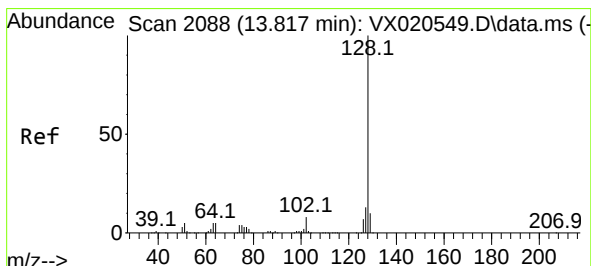
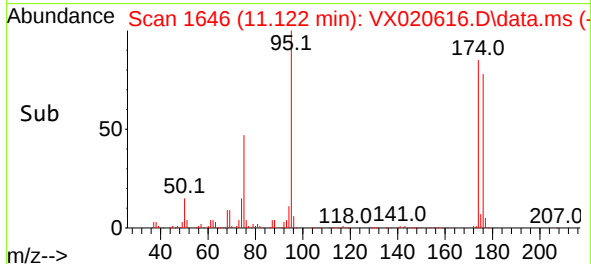
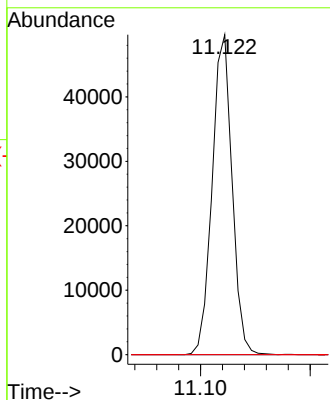
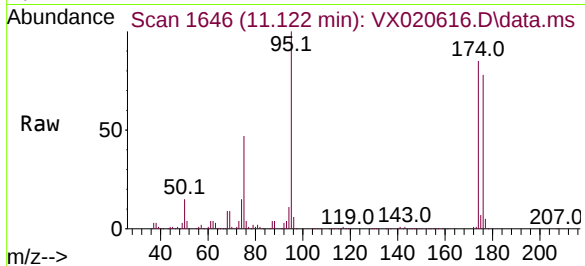




#81
trans-1,4-Dichloro-2-butene
Concen: 64.29 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#05

Tgt Ion: 75 Resp: 62659
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.86 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020616.D
Acq: 14 Jan 2021 16:36

Tgt Ion: 128 Resp: 137
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

