

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020613.D
 Acq On : 14 Jan 2021 15:26
 Operator : JC/MD
 Sample : PB134118ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB134118ZHE#02

Quant Time: Jan 15 05:11:01 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)

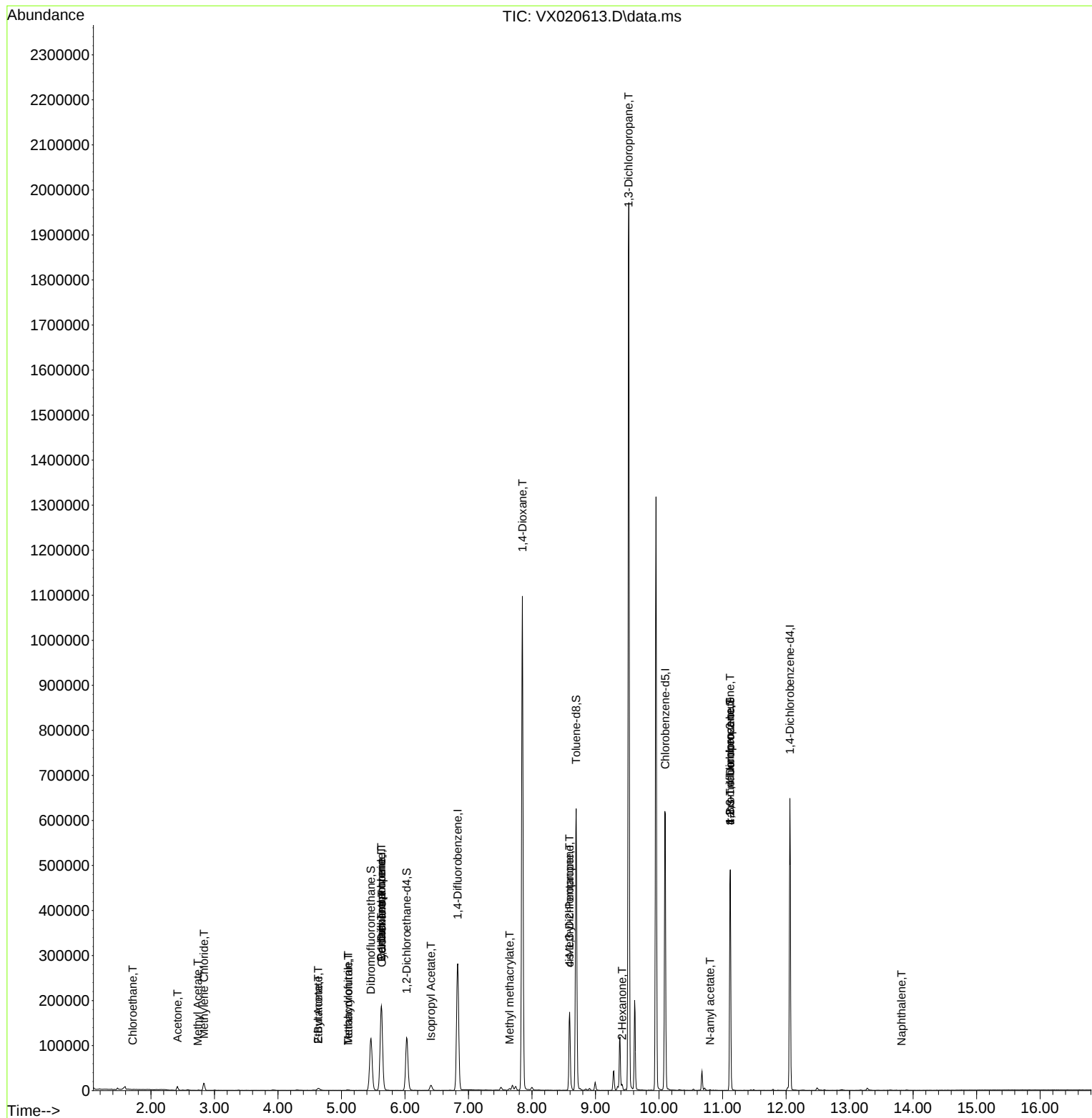
Internal Standards						
1) Pentafluorobenzene	5.629	168	182410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	300151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	304200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	132268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	114399	52.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.42%			
35) Dibromofluoromethane	5.464	113	100698	48.42	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.84%			
50) Toluene-d8	8.695	98	380679	51.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.32%			
62) 4-Bromofluorobenzene	11.122	95	137927	52.48	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.96%			
Target Compounds					Qvalue	
6) Chloroethane	1.715	64	109	0.50	ug/l #	43
11) Tert butyl alcohol	3.001	59	615	Below Cal	#	82
16) Acetone	2.416	43	8172	7.09	ug/l	99
18) Methyl Acetate	2.739	43	705	0.36	ug/l	96
20) Methylene Chloride	2.837	84	7940	3.84	ug/l	87
25) 2-Butanone	4.635	43	3979	3.36	ug/l	92
29) Tetrahydrofuran	5.105	42	845	1.17	ug/l #	87
31) Cyclohexane	5.635	56	3392	1.32	ug/l #	6
36) 1,1-Dichloropropene	5.629	75	12977	4.73	ug/l #	49
37) Ethyl Acetate	4.635	43	3979	1.60	ug/l #	67
38) Carbon Tetrachloride	5.629	117	17938	5.61	ug/l #	16
41) Methacrylonitrile	5.105	41	345	0.26	ug/l #	42
43) Isopropyl Acetate	6.409	43	14821	3.84	ug/l	97
48) Methyl methacrylate	7.647	41	4646	2.47	ug/l #	10
49) 1,4-Dioxane	7.848	88	175	3.70	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	52994	22.12	ug/l #	47
54) cis-1,3-Dichloropropene	8.592	75	30529	8.93	ug/l #	57
57) 1,3-Dichloropropane	9.518	76	18644	5.18	ug/l #	42
59) 2-Hexanone	9.421	43	6850	3.81	ug/l #	19
74) N-amyl acetate	10.805	43	766	1.47	ug/l #	40
76) 1,2,3-Trichloropropane	11.122	75	63464	22.78	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	63464	62.06	ug/l #	12
95) Naphthalene	13.817	128	193	3.86	ug/l #	69

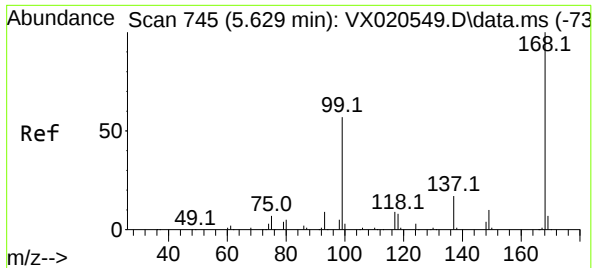
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
Data File : VX020613.D
Acq On : 14 Jan 2021 15:26
Operator : JC/MD
Sample : PB134118ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#02

Quant Time: Jan 15 05:11:01 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

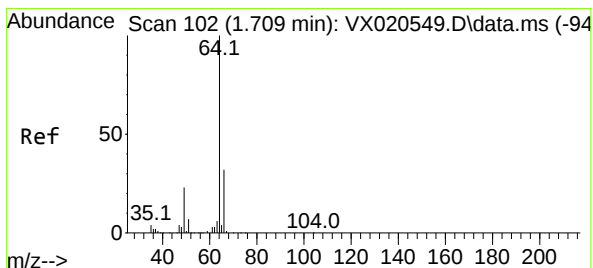
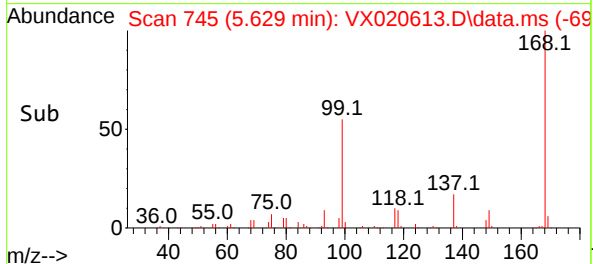
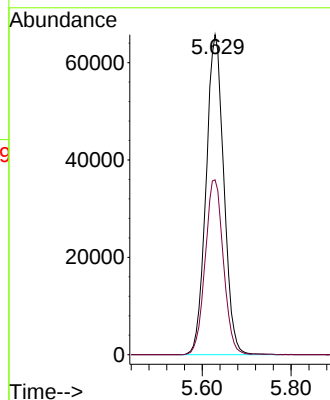
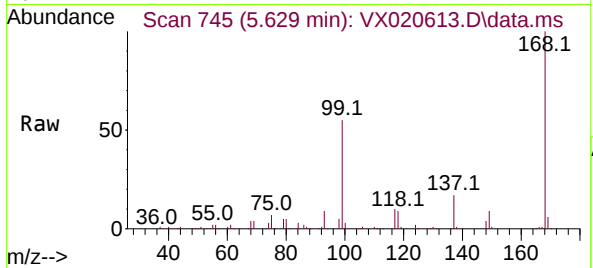




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

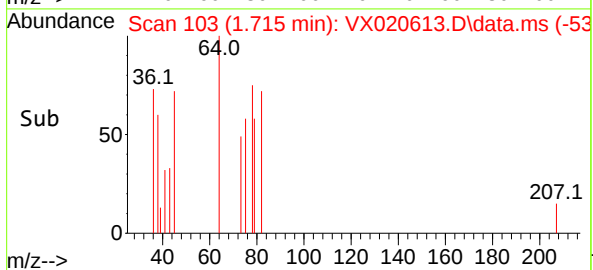
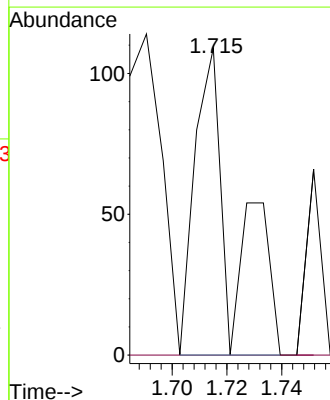
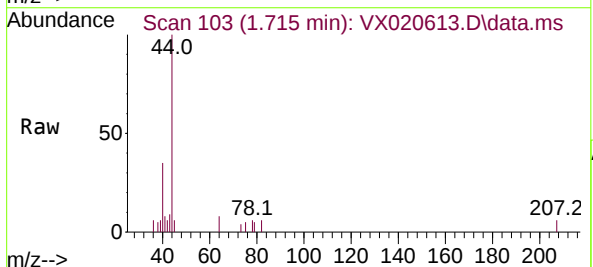
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#02

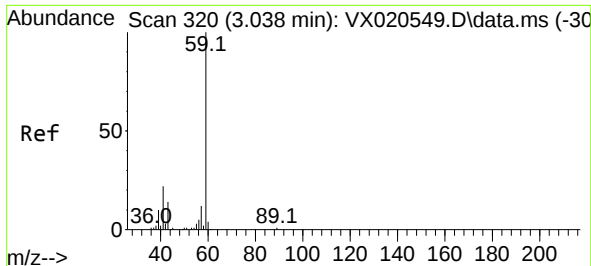
Tgt Ion:168 Resp: 182410
Ion Ratio Lower Upper
168 100
99 54.6 45.8 68.6



#6
Chloroethane
Concen: 0.50 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.006 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

Tgt Ion: 64 Resp: 109
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



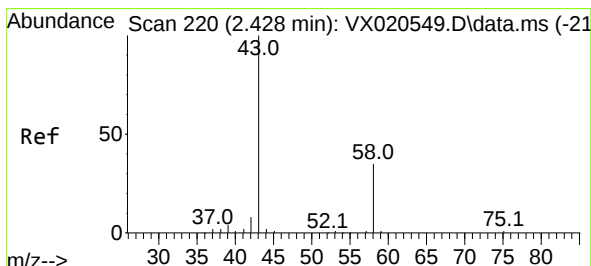
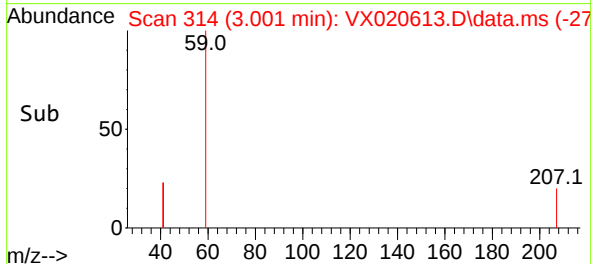
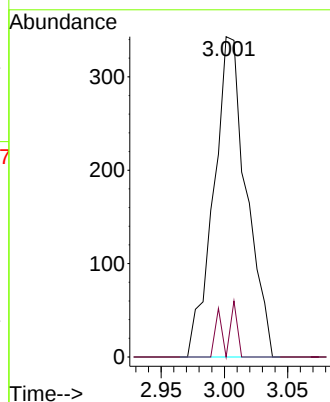
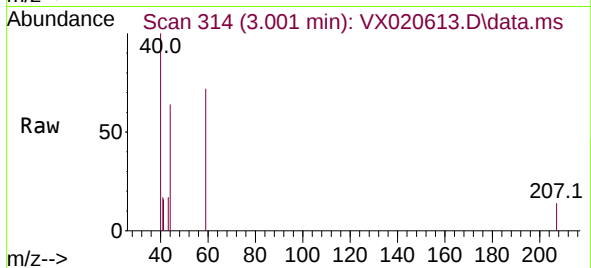


#11

Tert butyl alcohol
Concen: Below Cal
RT: 3.001 min Scan# 314
Delta R.T. -0.037 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#02

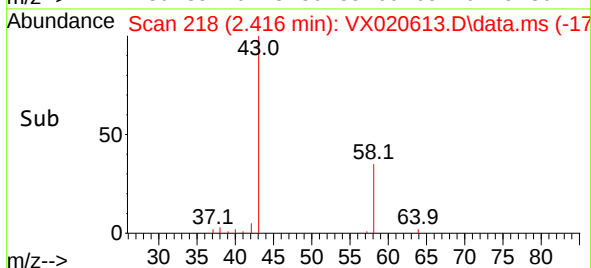
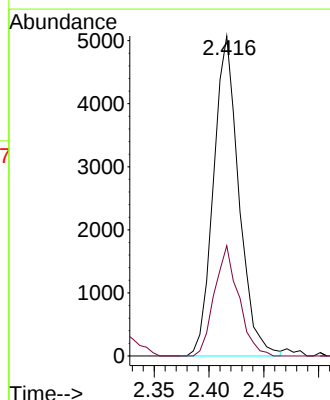
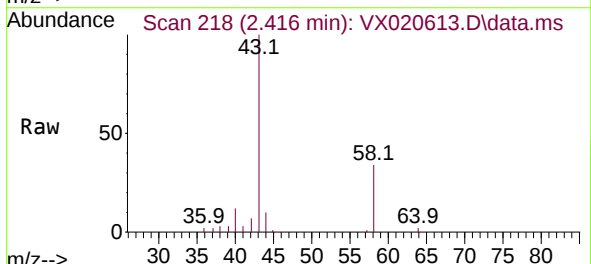
Tgt Ion: 59 Resp: 615
Ion Ratio Lower Upper
59 100
57 3.1 7.8 11.8#

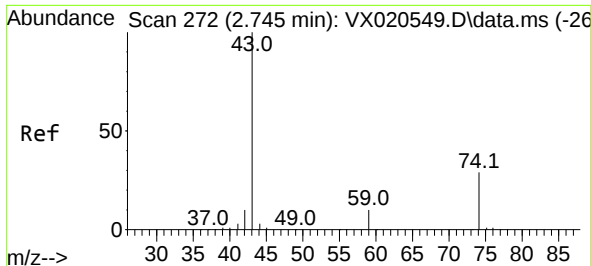


#16

Acetone
Concen: 7.09 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

Tgt Ion: 43 Resp: 8172
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8

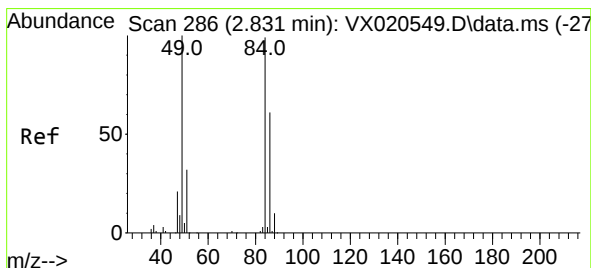
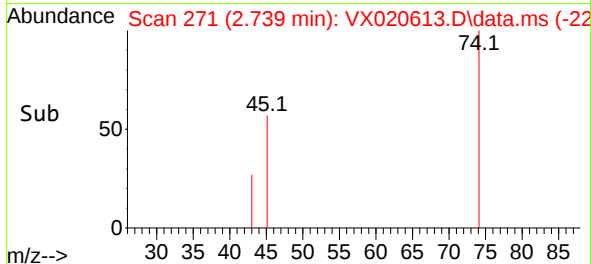
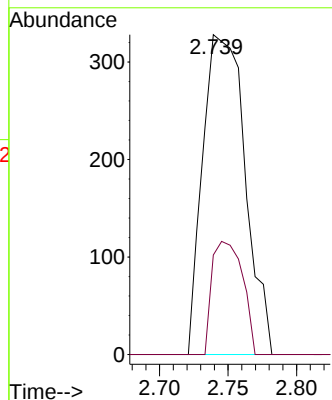
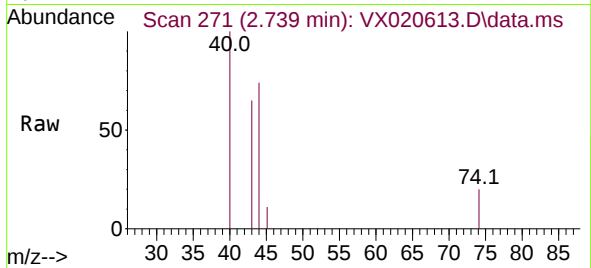




#18
Methyl Acetate
Concen: 0.36 ug/l
RT: 2.739 min Scan# 271
Delta R.T. -0.006 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

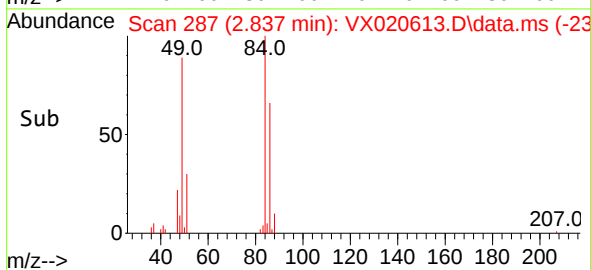
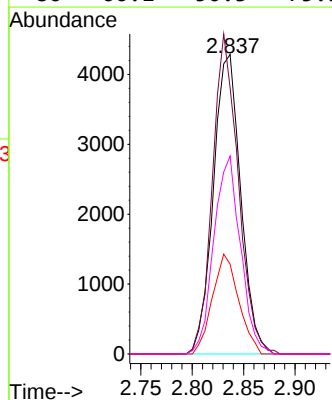
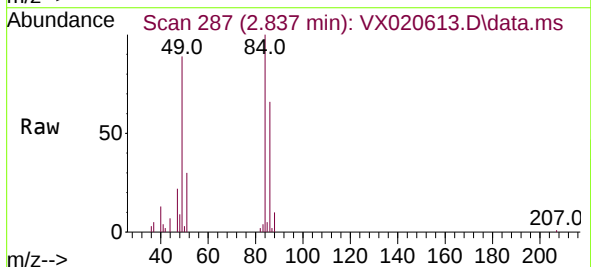
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#02

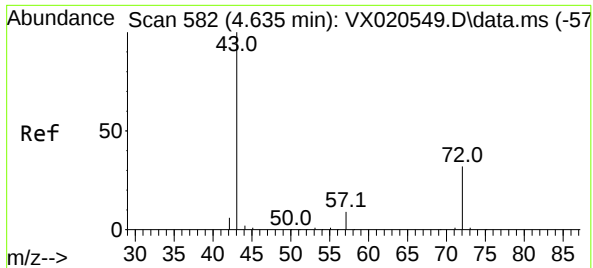
Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
74 25.5 21.9 32.9



#20
Methylene Chloride
Concen: 3.84 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

Tgt Ion: 84 Resp: 7940
Ion Ratio Lower Upper
84 100
49 88.8 88.6 132.8
51 30.0 27.0 40.6
86 66.1 50.3 75.5

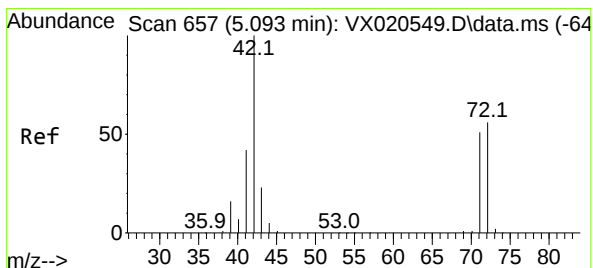
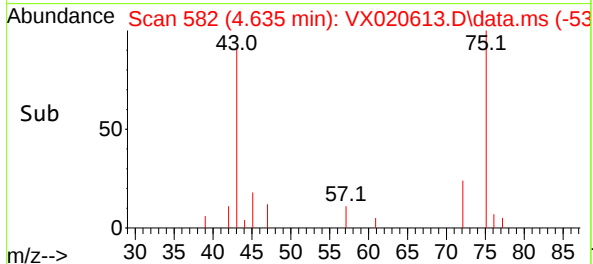
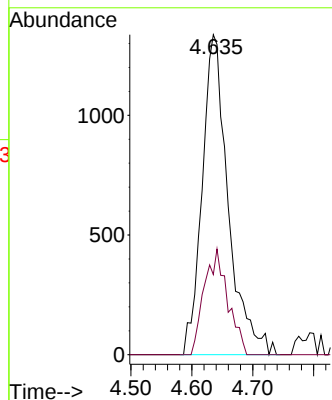
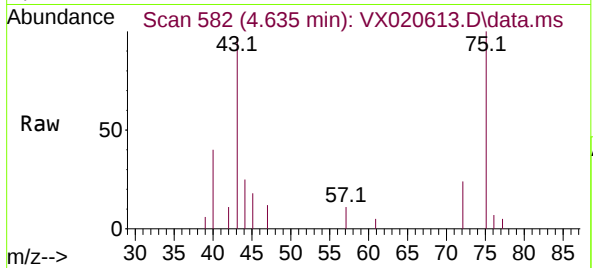




#25
2-Butanone
Concen: 3.36 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.000 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

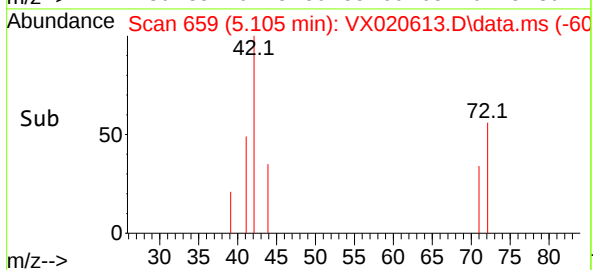
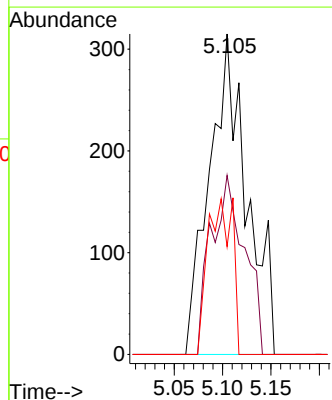
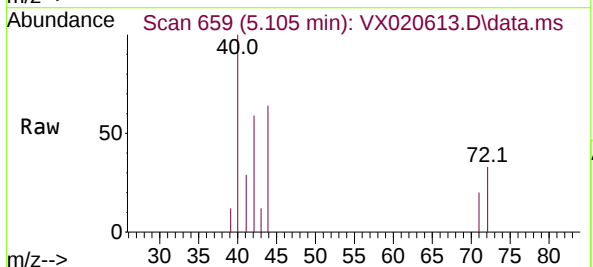
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#02

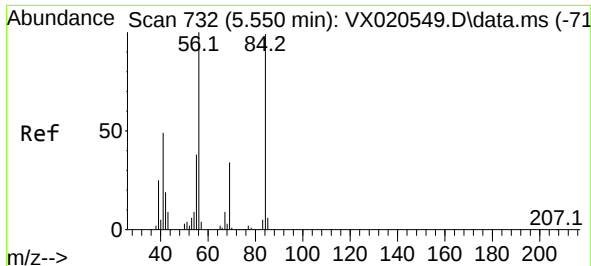
Tgt Ion: 43 Resp: 3979
Ion Ratio Lower Upper
43 100
72 25.1 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.17 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

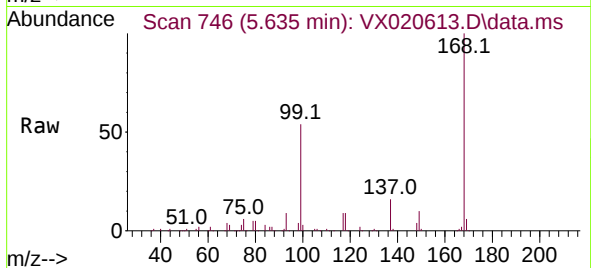
Tgt Ion: 42 Resp: 845
Ion Ratio Lower Upper
42 100
72 50.1 41.7 62.5
71 32.1 38.4 57.6#



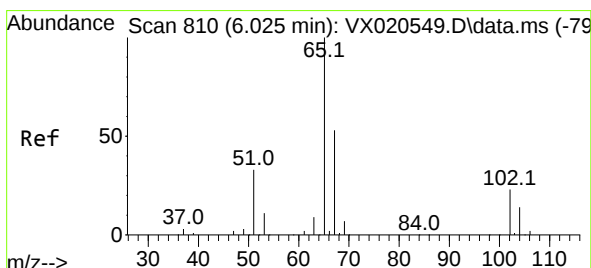
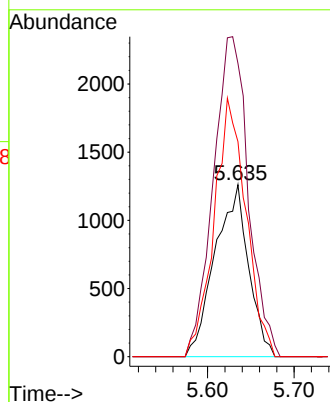
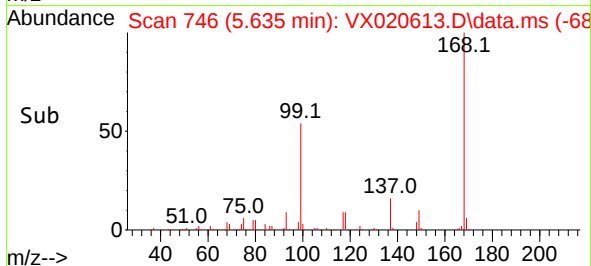


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.085 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

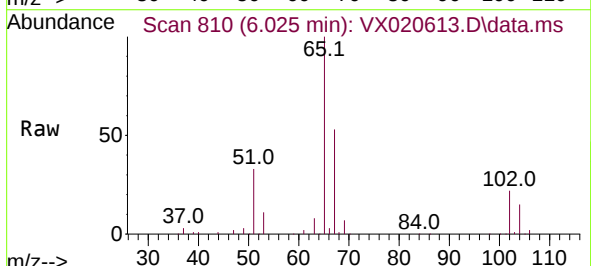
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MSVOA_X
ClientSampleId :
PB134118ZHE#02



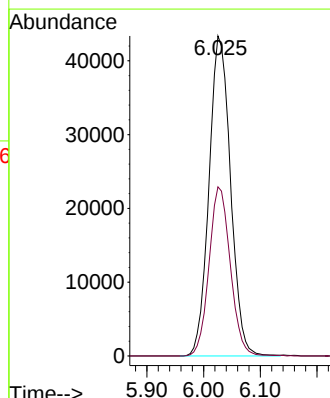
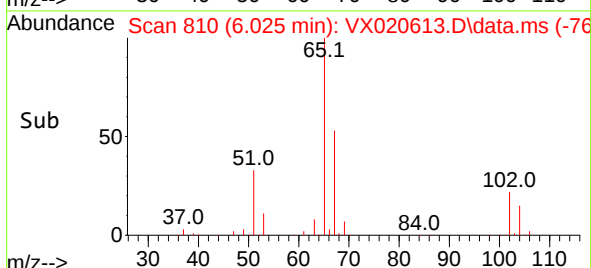
Tgt Ion: 56 Resp: 3392
Ion Ratio Lower Upper
56 100
69 170.4 25.3 37.9#
84 125.0 71.4 107.0#

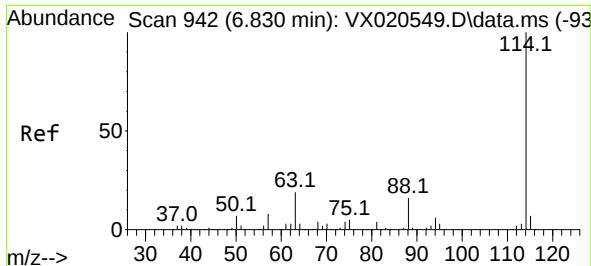


#33
1,2-Dichloroethane-d4
Concen: 52.21 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26



Tgt Ion: 65 Resp: 114399
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

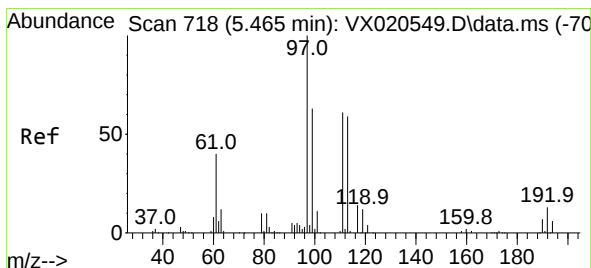
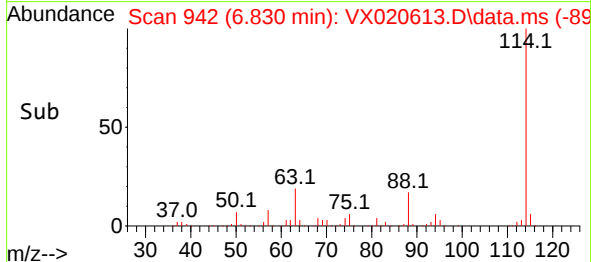
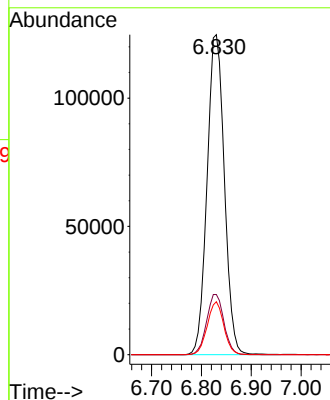
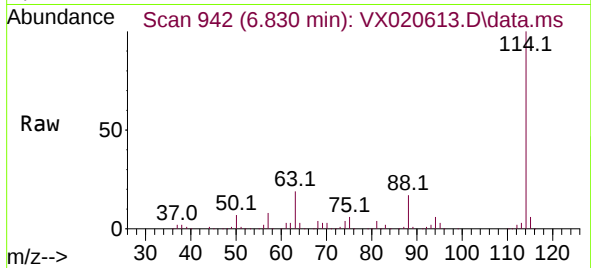




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

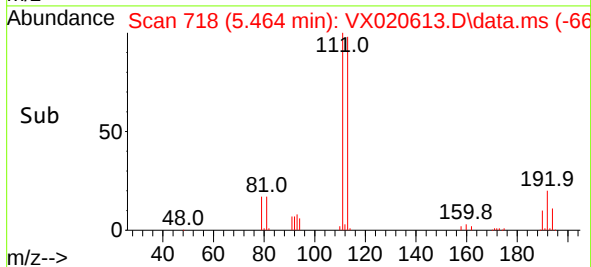
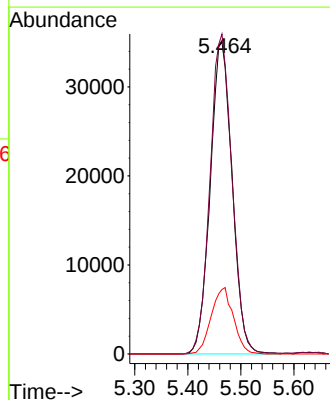
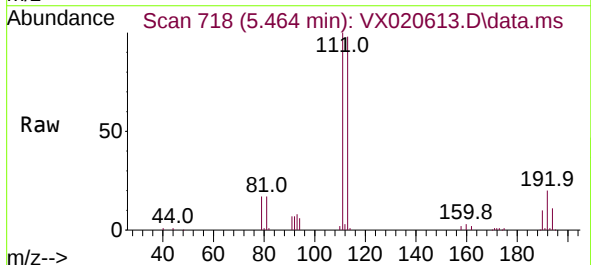
Instrument :
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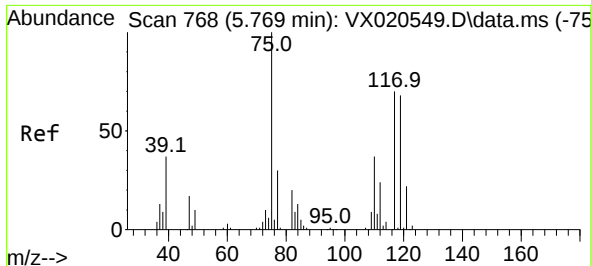
Tgt Ion:114 Resp: 300151
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.42 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

Tgt Ion:113 Resp: 100698
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 21.4 16.7 25.1

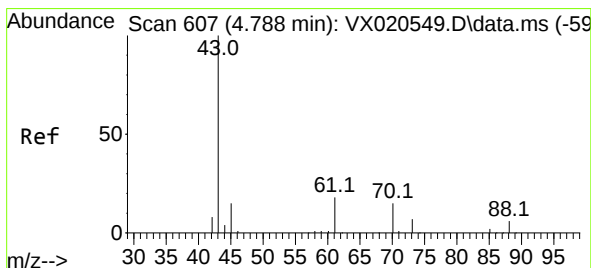
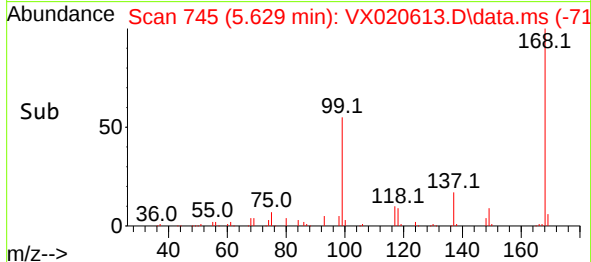
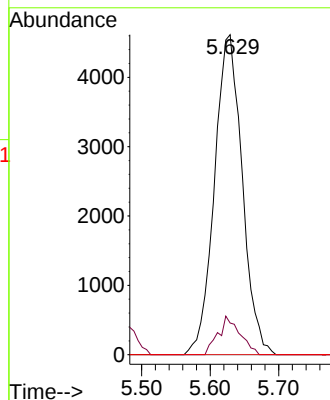
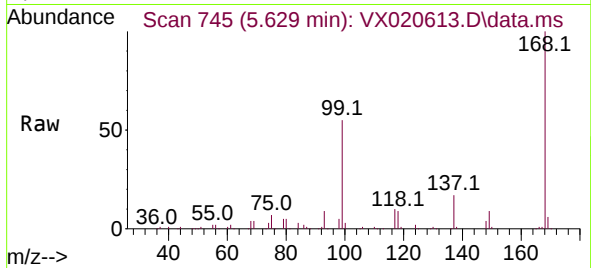




#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

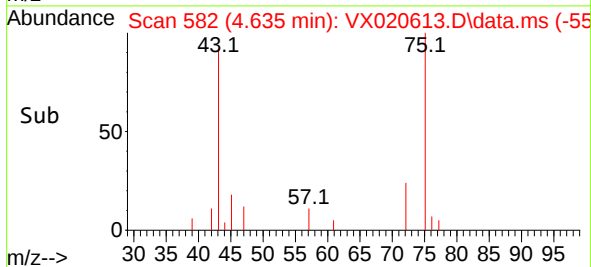
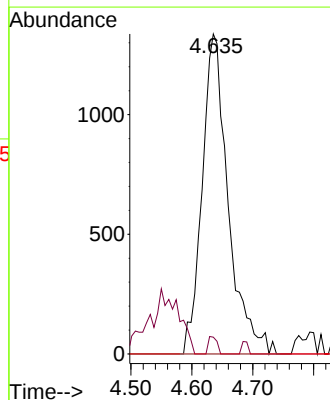
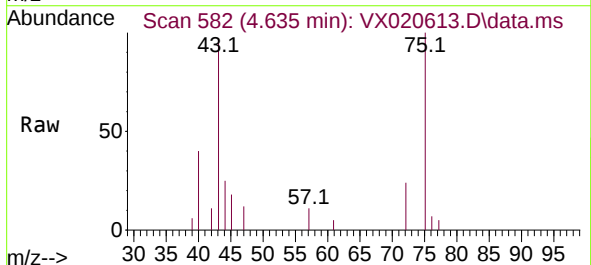
Instrument :
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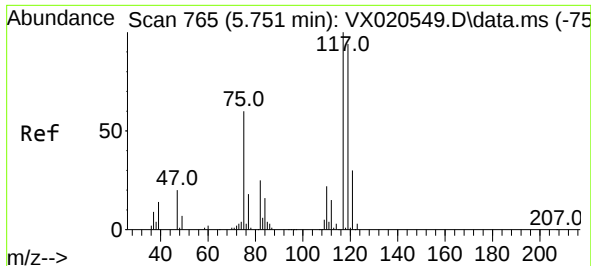
Tgt Ion: 75 Resp: 12977
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 1.60 ug/l
RT: 4.635 min Scan# 582
Delta R.T. -0.153 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

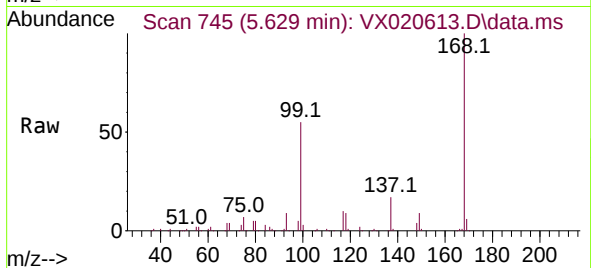
Tgt Ion: 43 Resp: 3979
Ion Ratio Lower Upper
43 100
61 1.8 12.8 19.2#
70 0.0 10.5 15.7#



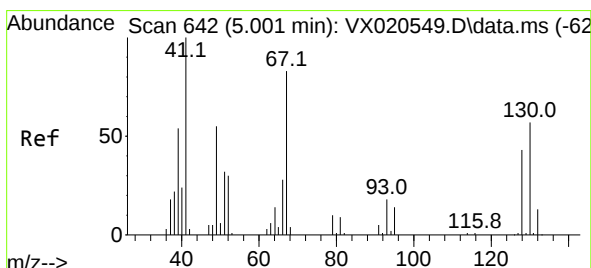
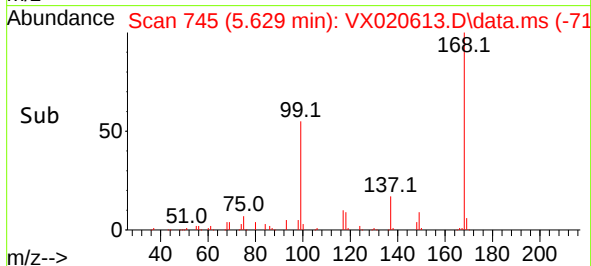
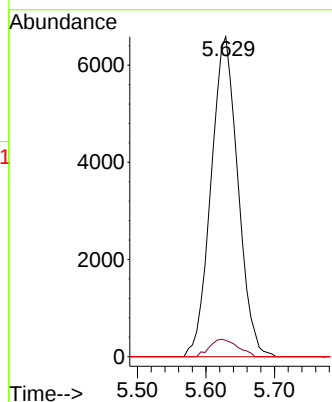


#38
Carbon Tetrachloride
Concen: 5.61 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#02

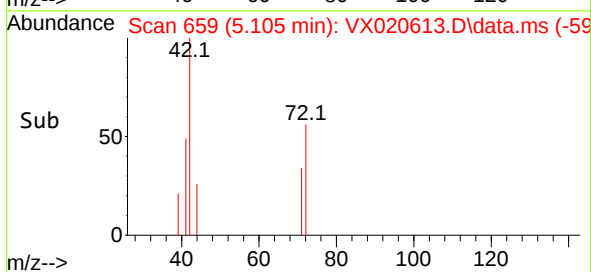
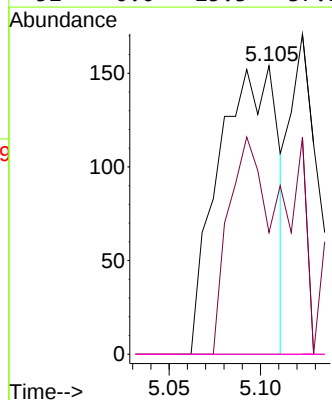
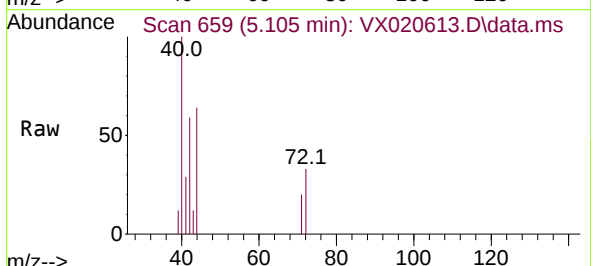


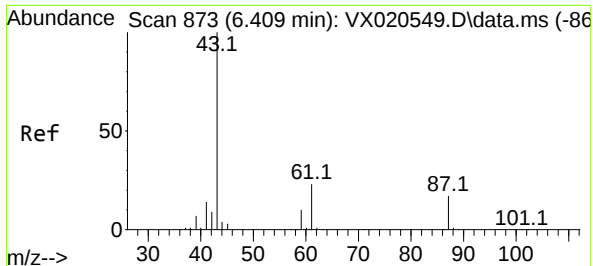
Tgt Ion:117 Resp: 17938
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.26 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.104 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

Tgt Ion: 41 Resp: 345
Ion Ratio Lower Upper
41 100
39 46.7 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

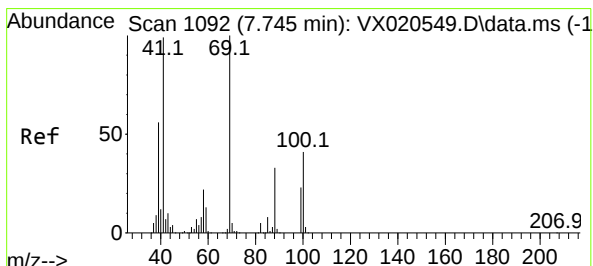
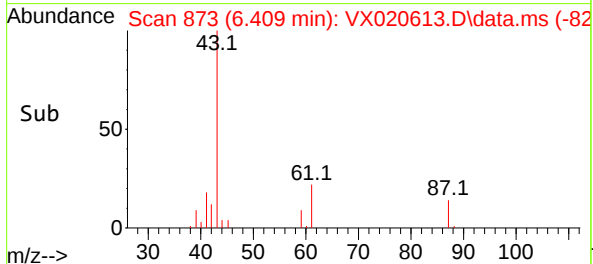
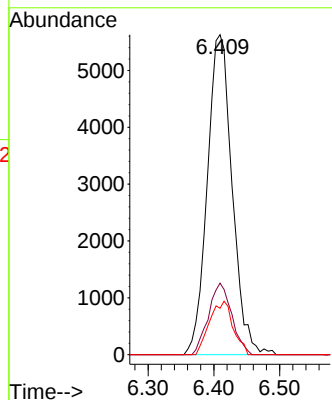
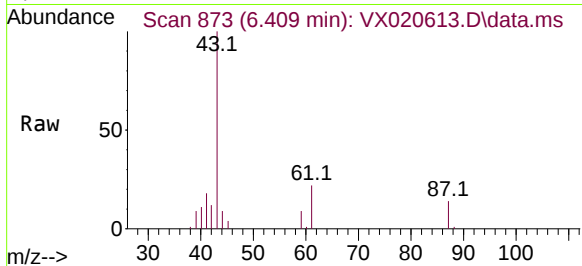




#43
Isopropyl Acetate
Concen: 3.84 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.000 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

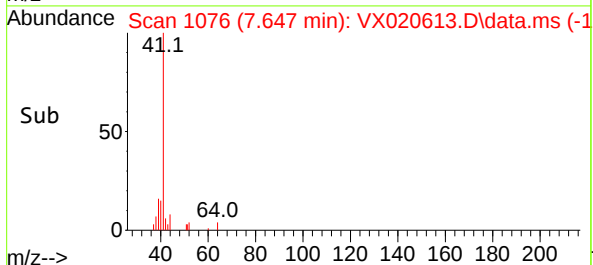
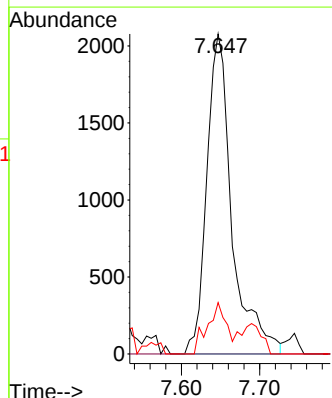
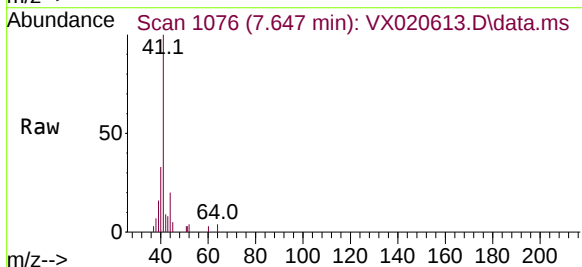
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#02

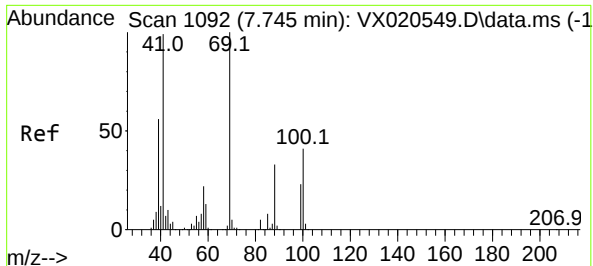
Tgt Ion: 43	Resp: 14821
Ion Ratio	Lower Upper
43 100	
61 20.9	18.2 27.4
87 15.8	12.5 18.7



#48
Methyl methacrylate
Concen: 2.47 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.098 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

Tgt Ion: 41	Resp: 4646
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: 3.70 ug/l

RT: 7.848 min Scan# 1109

Delta R.T. 0.103 min

Lab File: VX020613.D

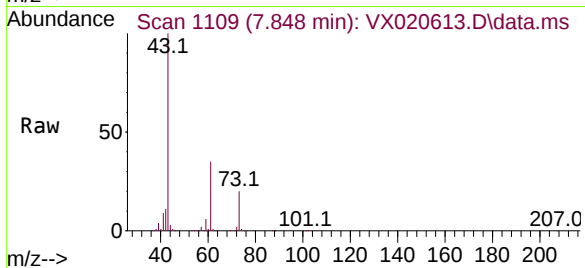
Acq: 14 Jan 2021 15:26

Instrument :

MSVOA_X

ClientSampleId :

PB134118ZHE#02



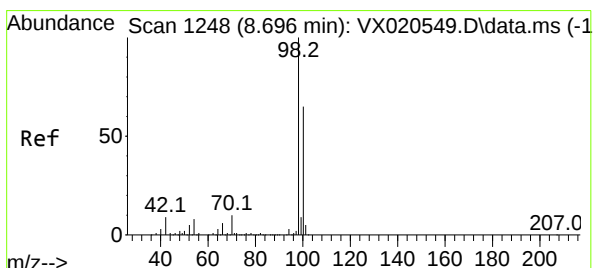
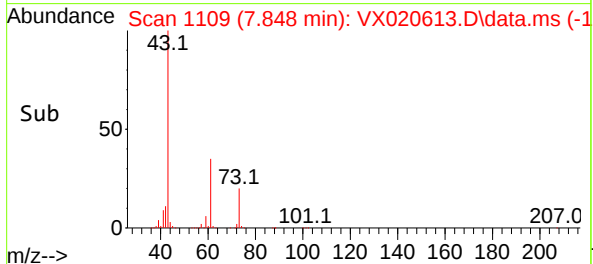
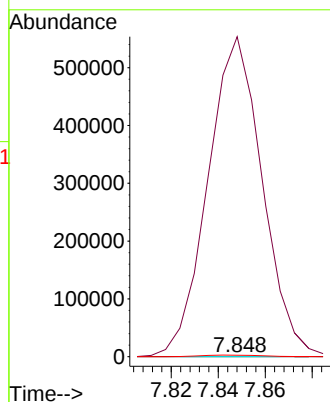
Tgt Ion: 88 Resp: 175

Ion Ratio Lower Upper

88 100

43 513065.1 23.2 34.8#

58 2910.9 55.0 82.4#



#50

Toluene-d8

Concen: 51.16 ug/l

RT: 8.695 min Scan# 1248

Delta R.T. -0.001 min

Lab File: VX020613.D

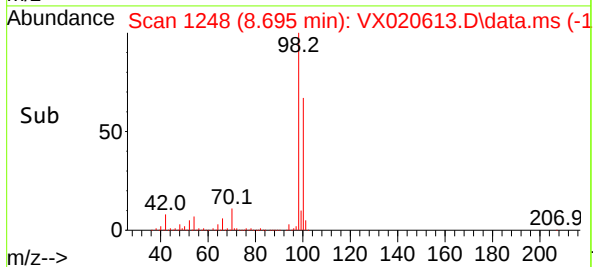
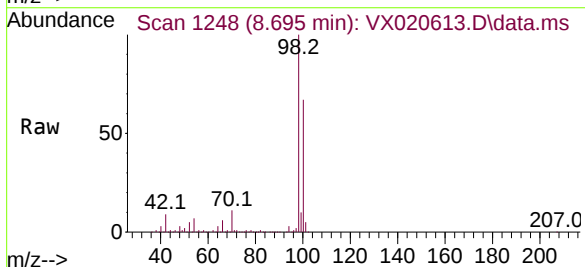
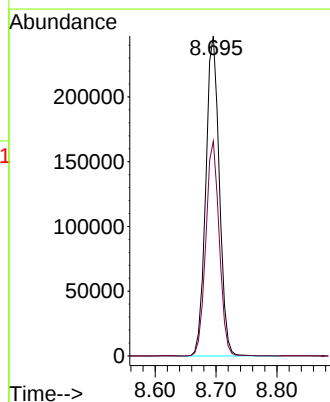
Acq: 14 Jan 2021 15:26

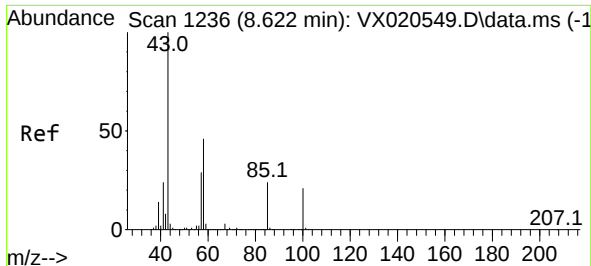
Tgt Ion: 98 Resp: 380679

Ion Ratio Lower Upper

98 100

100 66.7 51.9 77.9

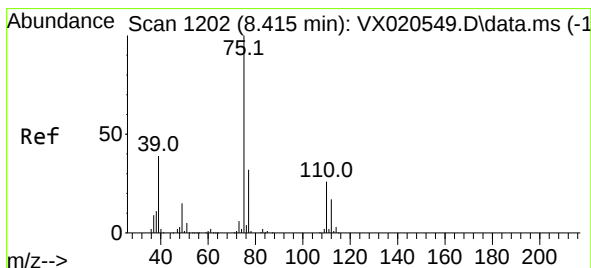
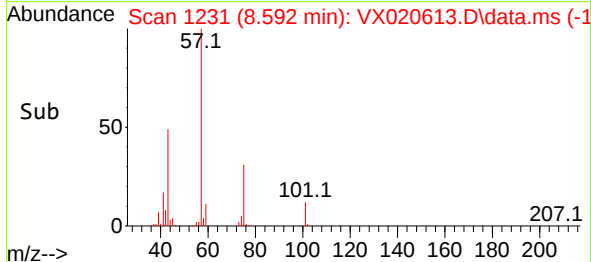
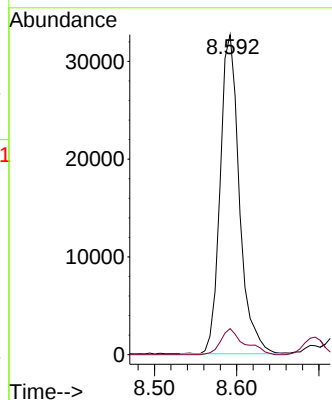
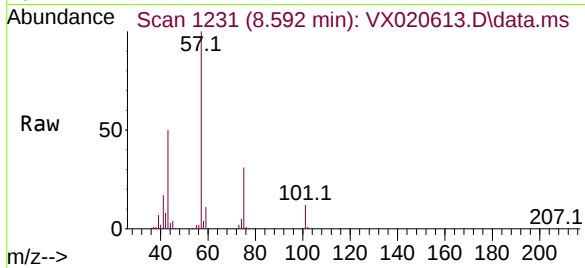




#51
4-Methyl-2-Pentanone
Concen: 22.12 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.030 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

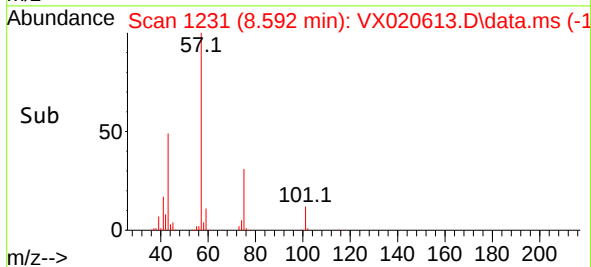
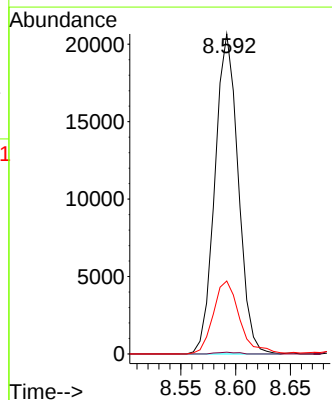
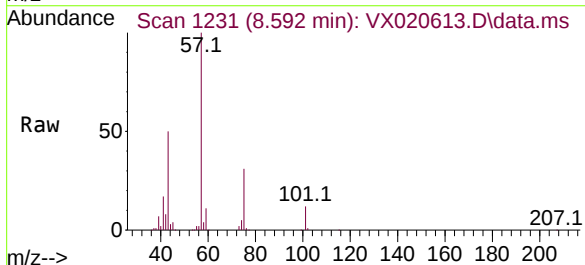
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#02

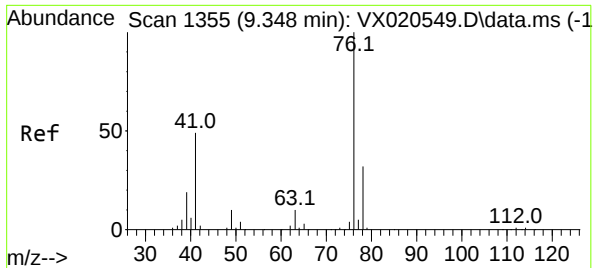
Tgt Ion: 43 Resp: 52994
Ion Ratio Lower Upper
43 100
58 10.0 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 8.93 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.177 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

Tgt Ion: 75 Resp: 30529
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 22.8 35.1 52.7#

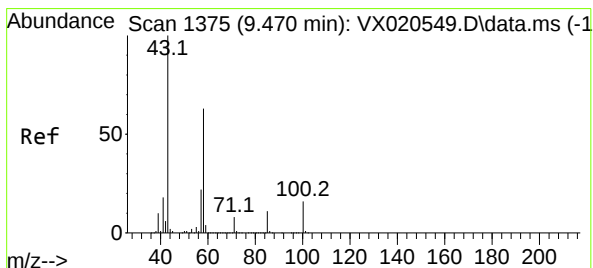
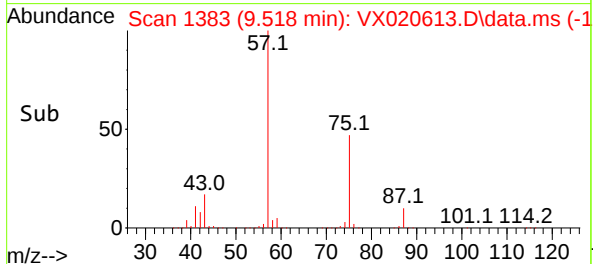
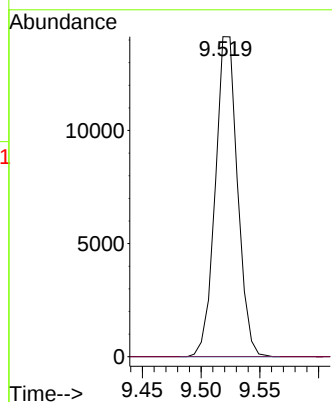
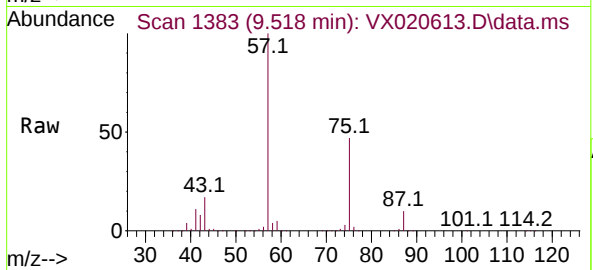




#57
1,3-Dichloropropane
Concen: 5.18 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.170 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

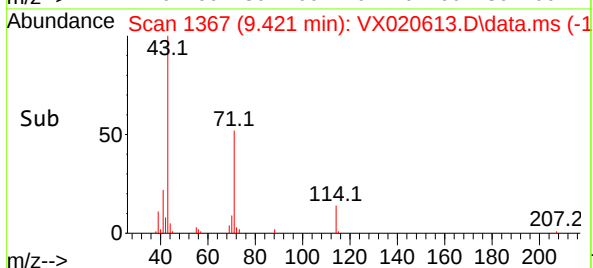
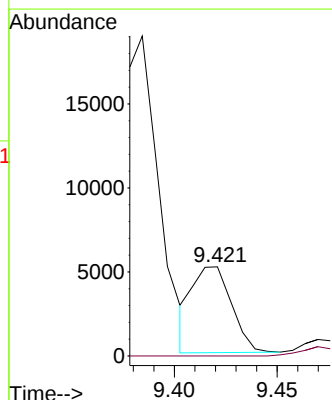
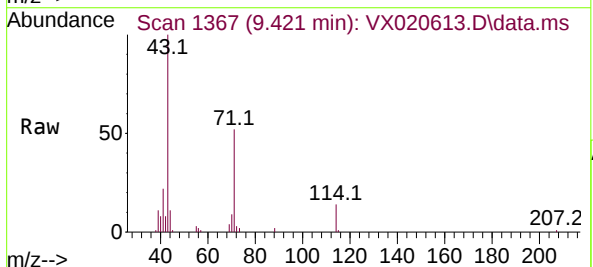
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#02

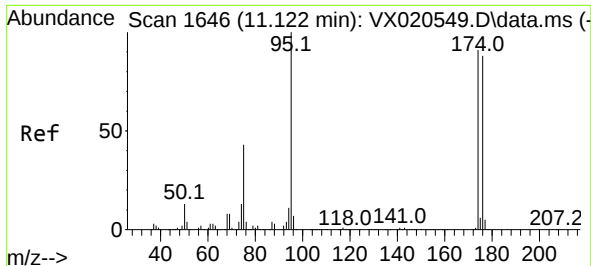
Tgt Ion: 76 Resp: 18644
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 3.81 ug/l
RT: 9.421 min Scan# 1367
Delta R.T. -0.049 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

Tgt Ion: 43 Resp: 6850
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

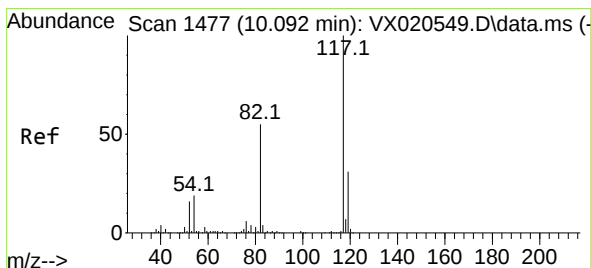
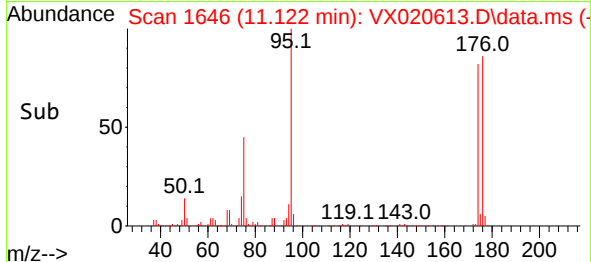
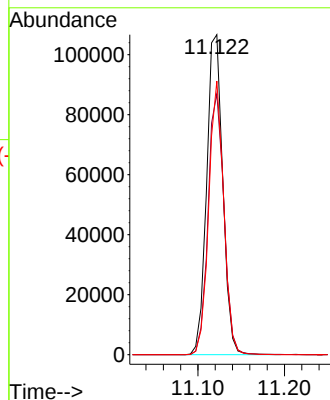
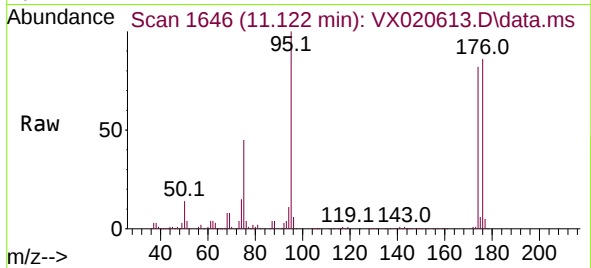




#62
4-Bromofluorobenzene
Concen: 52.48 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

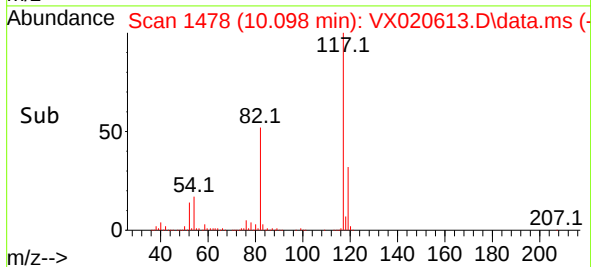
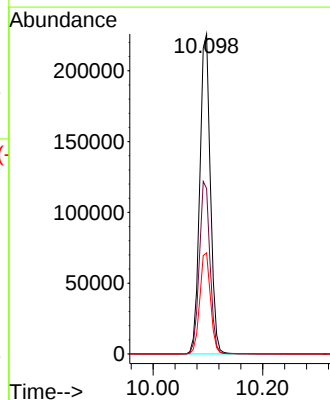
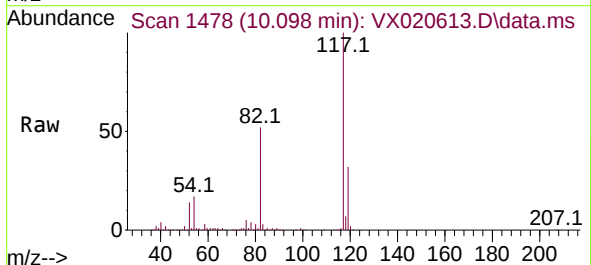
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#02

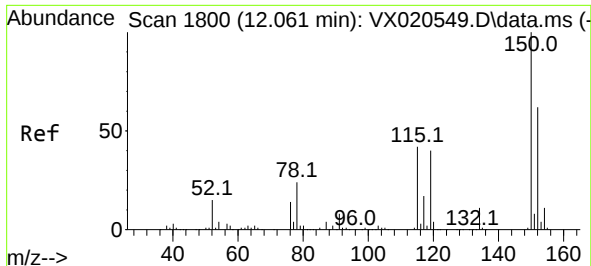
Tgt Ion: 95 Resp: 137927
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 79.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

Tgt Ion: 117 Resp: 304200
Ion Ratio Lower Upper
117 100
82 51.7 47.4 71.2
119 31.6 26.6 39.8

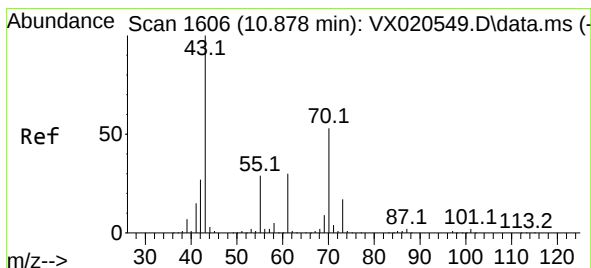
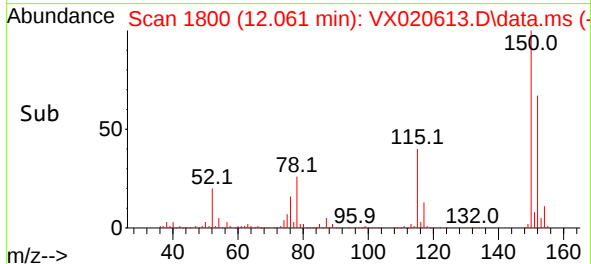
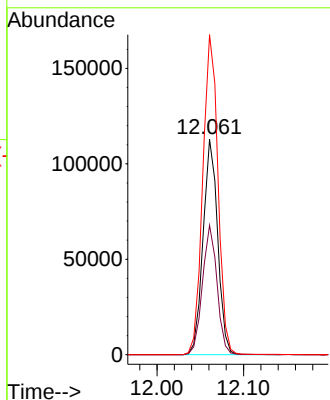
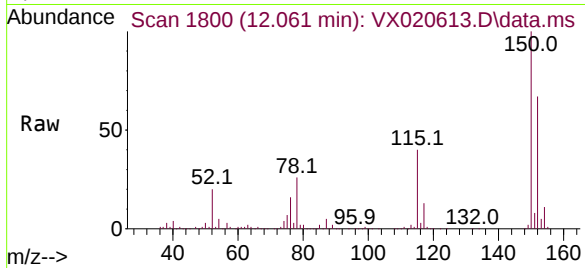




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

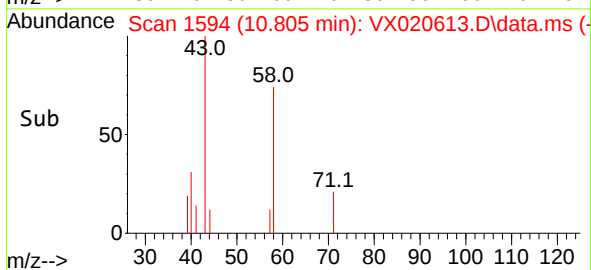
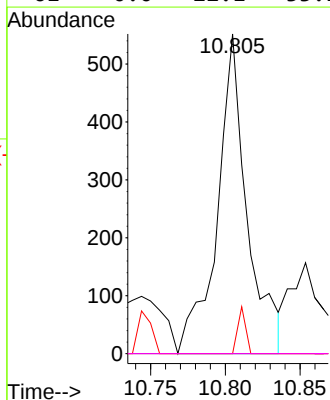
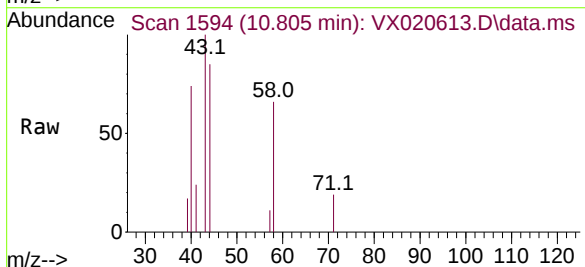
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#02

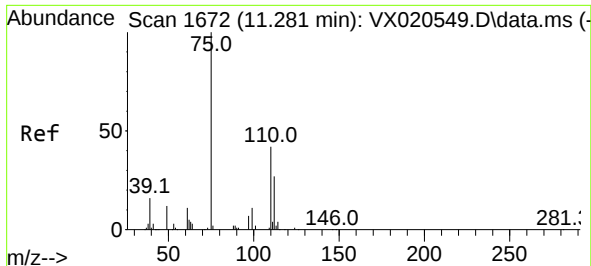
Tgt Ion:152 Resp: 132268
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 154.5 0.0 349.0



#74
N-ethyl acetate
Concen: 1.47 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.073 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 3.9 21.5 32.3#
61 0.0 22.1 33.1#

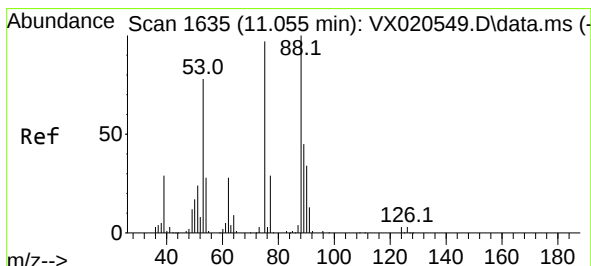
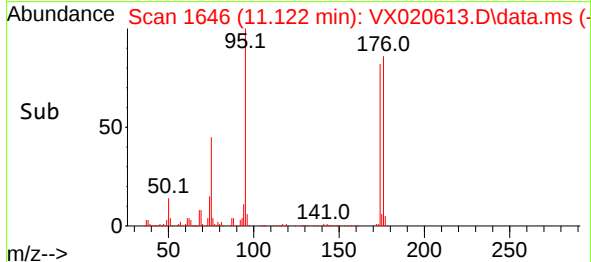
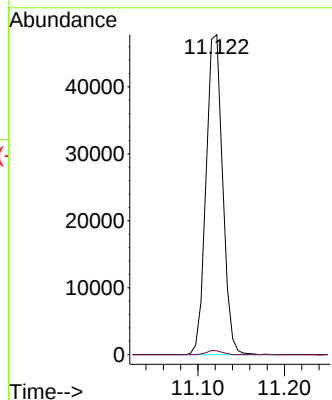
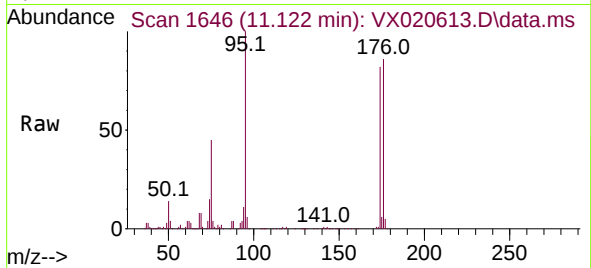




#76
1,2,3-Trichloropropane
Concen: 22.78 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

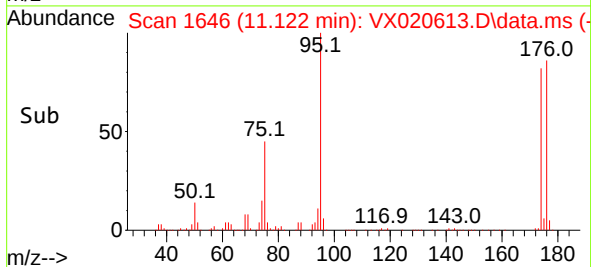
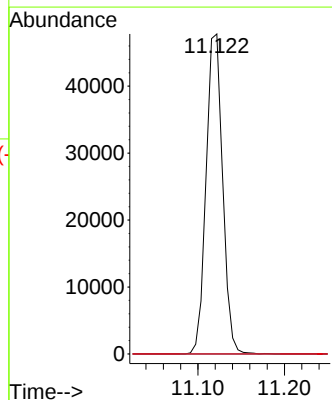
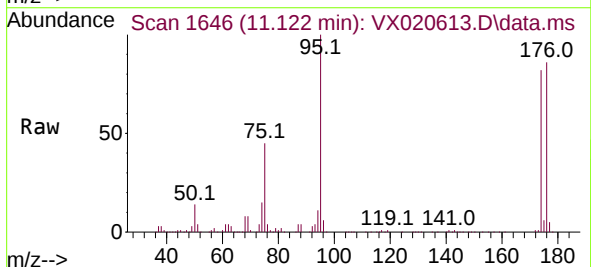
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#02

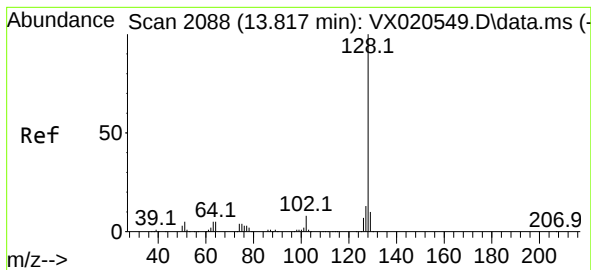
Tgt Ion: 75 Resp: 63464
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.06 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

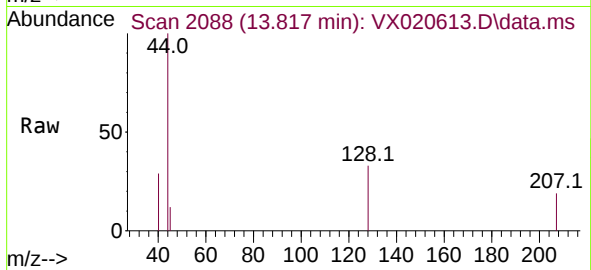
Tgt Ion: 75 Resp: 63464
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.86 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020613.D
Acq: 14 Jan 2021 15:26

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#02



Tgt Ion:	128	Resp:	193
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

