

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020617.D
 Acq On : 14 Jan 2021 16:59
 Operator : JC/MD
 Sample : PB134118ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB134118ZHE#06

Quant Time: Jan 15 05:11:46 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)

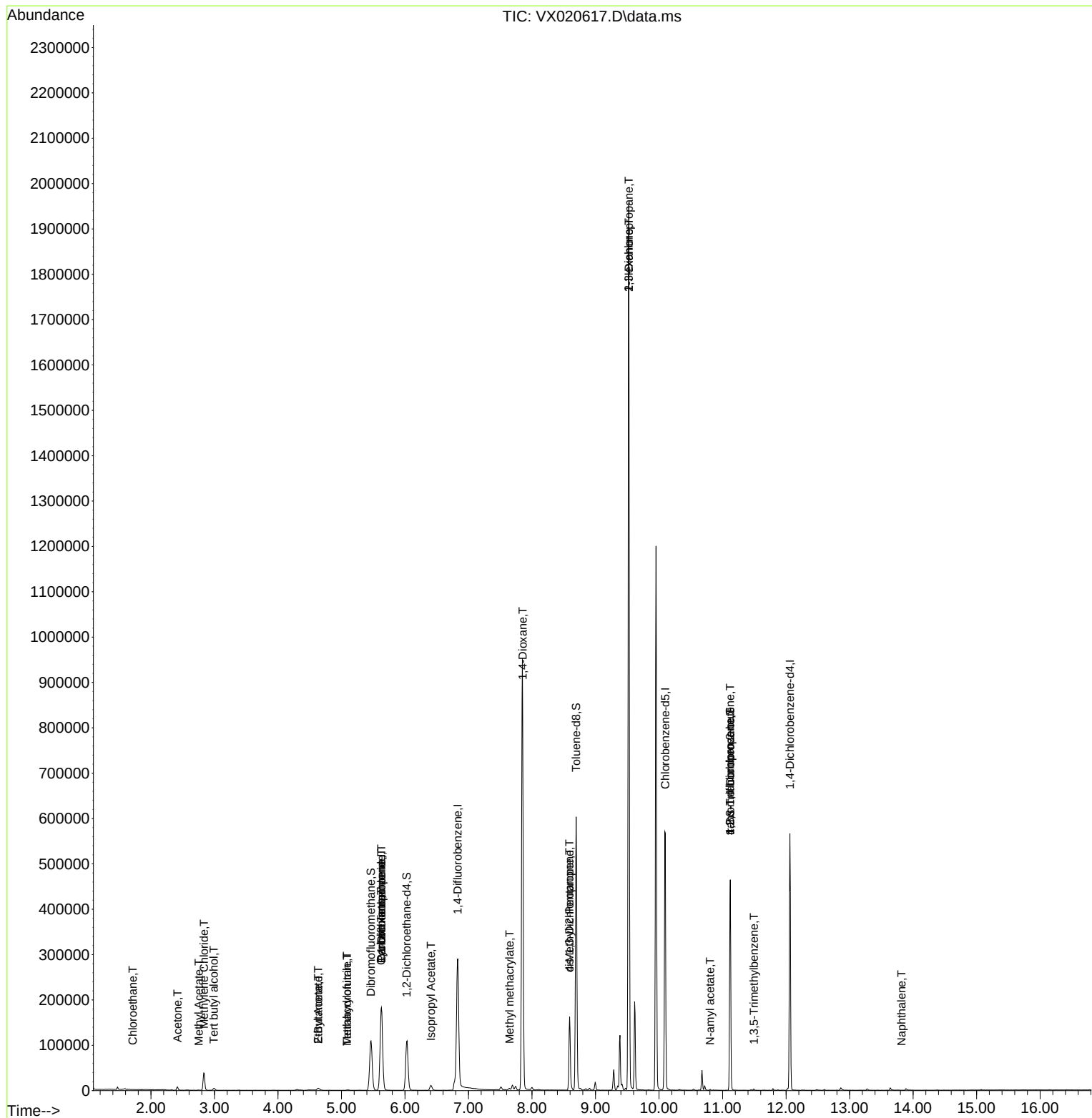
Internal Standards						
1) Pentafluorobenzene	5.629	168	184495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	300425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	284216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	125525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	104240	47.04	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.08%
35) Dibromofluoromethane	5.464	113	98014	47.09	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.18%
50) Toluene-d8	8.695	98	367307	49.31	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.62%
62) 4-Bromofluorobenzene	11.122	95	127877	48.62	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.24%
Target Compounds						
					Qvalue	
6) Chloroethane	1.715	64	44	0.46	ug/l #	43
11) Tert butyl alcohol	2.989	59	3207	5.68	ug/l #	75
16) Acetone	2.416	43	8268	7.09	ug/l	97
18) Methyl Acetate	2.751	43	981	0.50	ug/l	93
20) Methylene Chloride	2.837	84	19685	9.40	ug/l	88
25) 2-Butanone	4.635	43	5998	5.01	ug/l	96
29) Tetrahydrofuran	5.086	42	799	1.10	ug/l #	77
31) Cyclohexane	5.623	56	2722	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	12022	4.38	ug/l #	49
37) Ethyl Acetate	4.635	43	5998	2.41	ug/l #	67
38) Carbon Tetrachloride	5.629	117	17476	5.46	ug/l #	18
41) Methacrylonitrile	5.086	41	385	0.30	ug/l #	27
43) Isopropyl Acetate	6.409	43	13972	3.61	ug/l	97
48) Methyl methacrylate	7.647	41	4393	2.34	ug/l #	10
49) 1,4-Dioxane	7.854	88	169	3.57	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	47258	19.71	ug/l #	49
54) cis-1,3-Dichloropropene	8.592	75	28640	8.37	ug/l #	55
57) 1,3-Dichloropropane	9.524	76	18746	5.20	ug/l #	43
59) 2-Hexanone	9.524	43	192405	107.05	ug/l #	49
74) N-amyl acetate	10.805	43	1041	1.58	ug/l #	42
76) 1,2,3-Trichloropropane	11.122	75	58372	22.07	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.493	105	1464	0.21	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.122	75	58372	60.14	ug/l #	12
95) Naphthalene	13.816	128	139	3.86	ug/l #	69

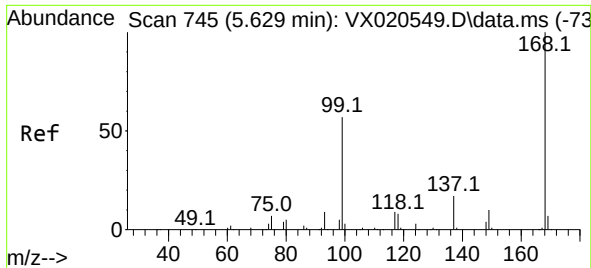
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
Data File : VX020617.D
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Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#06

Quant Time: Jan 15 05:11:46 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

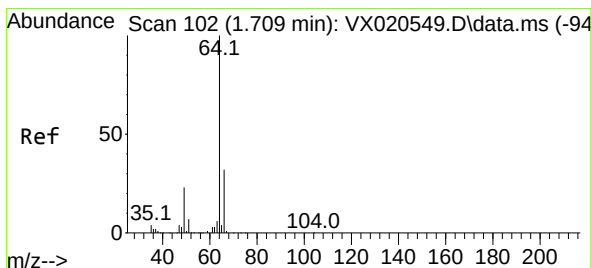
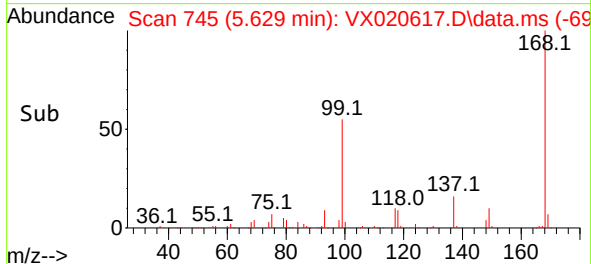
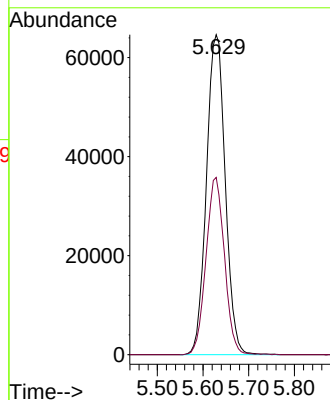
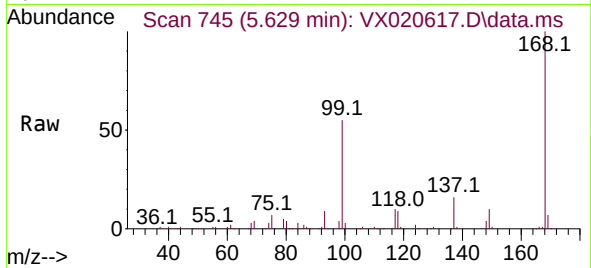




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

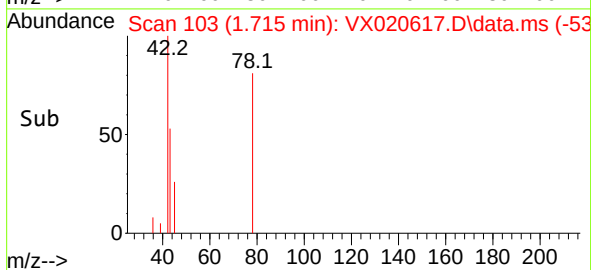
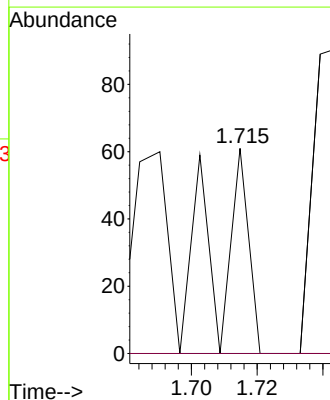
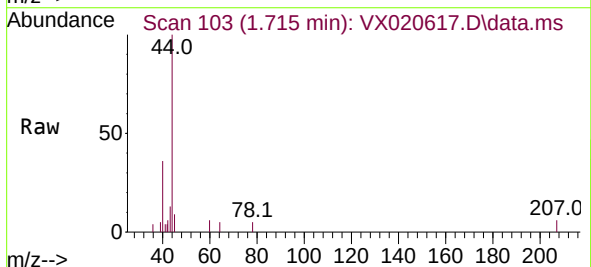
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#06

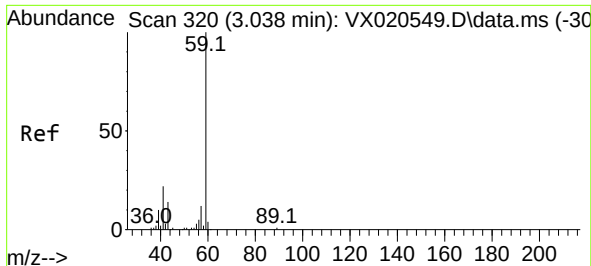
Tgt Ion:168 Resp: 184495
Ion Ratio Lower Upper
168 100
99 55.4 45.8 68.6



#6
Chloroethane
Concen: 0.46 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.006 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



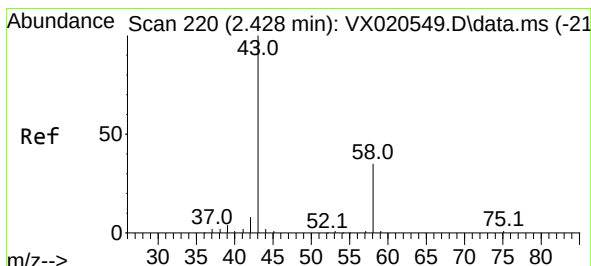
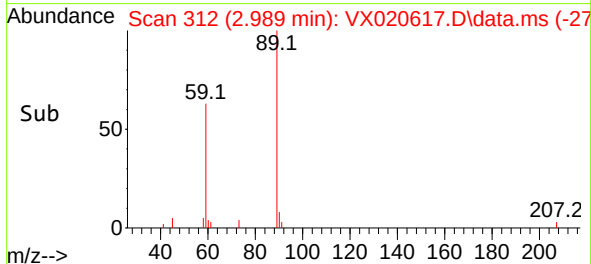
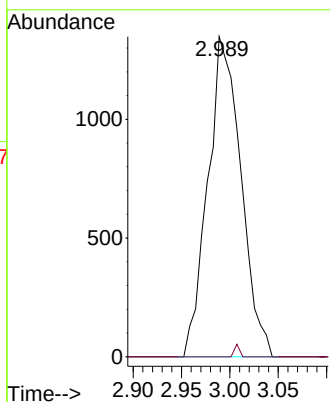
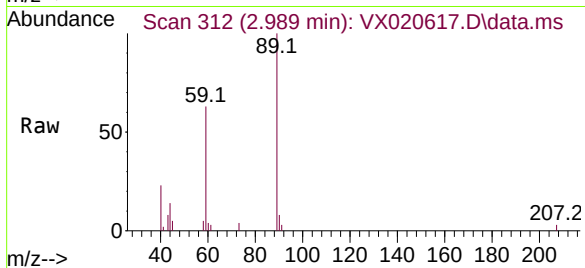


#11

Tert butyl alcohol
Concen: 5.68 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#06

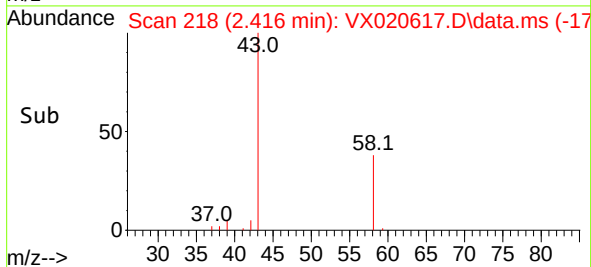
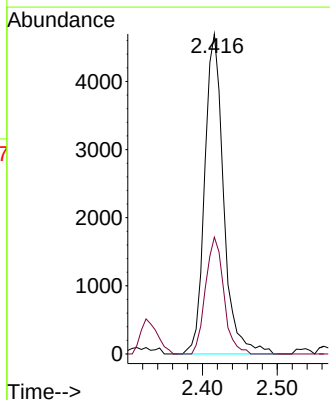
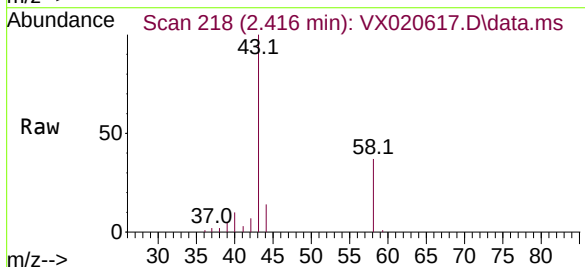
Tgt Ion: 59 Resp: 3207
Ion Ratio Lower Upper
59 100
57 0.6 7.8 11.8#

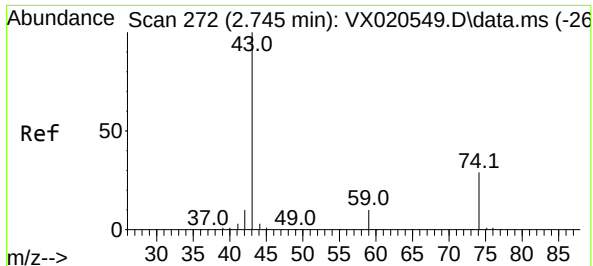


#16

Acetone
Concen: 7.09 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Tgt Ion: 43 Resp: 8268
Ion Ratio Lower Upper
43 100
58 36.5 27.8 41.8

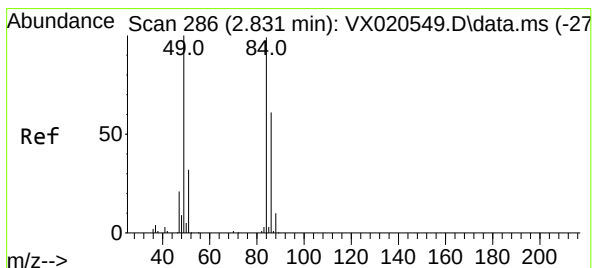
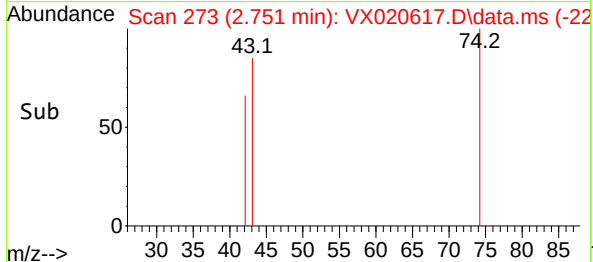
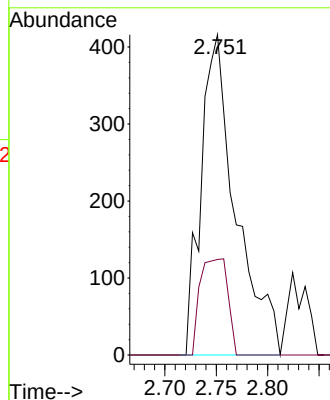
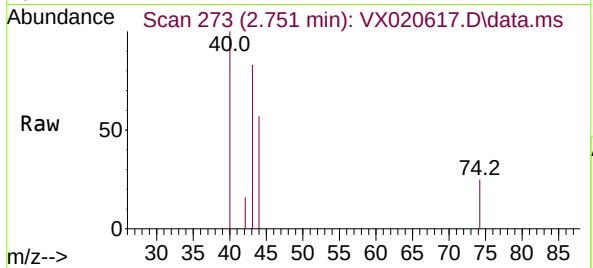




#18
Methyl Acetate
Concen: 0.50 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

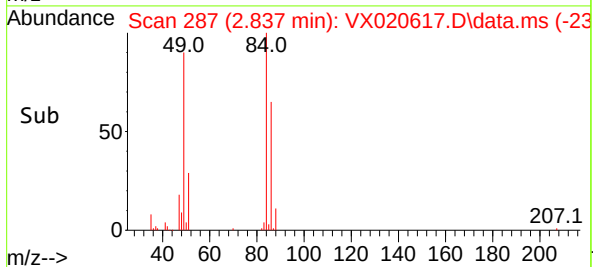
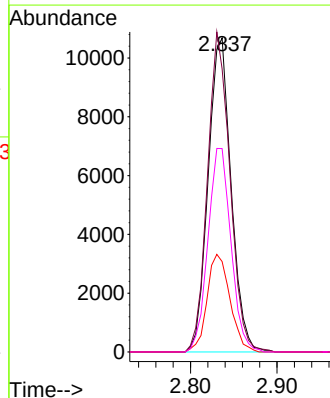
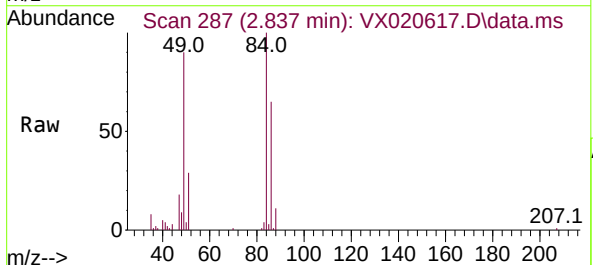
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#06

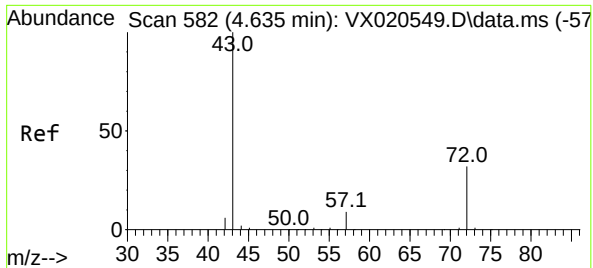
Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
74 23.8 21.9 32.9



#20
Methylene Chloride
Concen: 9.40 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Tgt Ion: 84 Resp: 19685
Ion Ratio Lower Upper
84 100
49 90.2 88.6 132.8
51 28.8 27.0 40.6
86 64.8 50.3 75.5

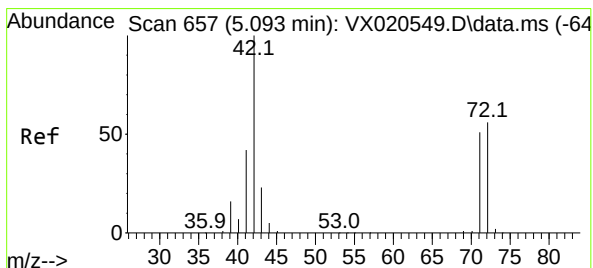
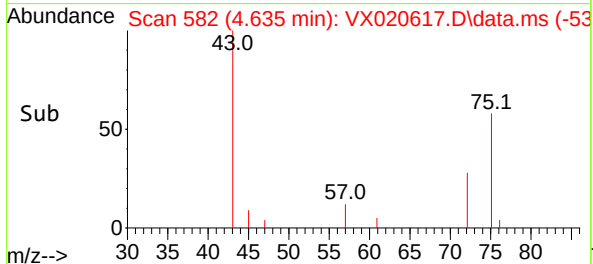
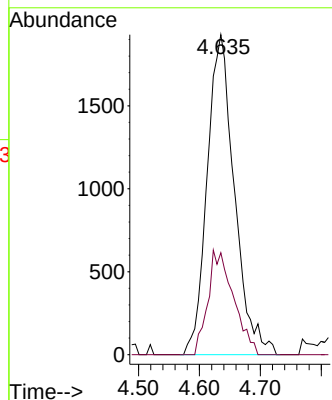
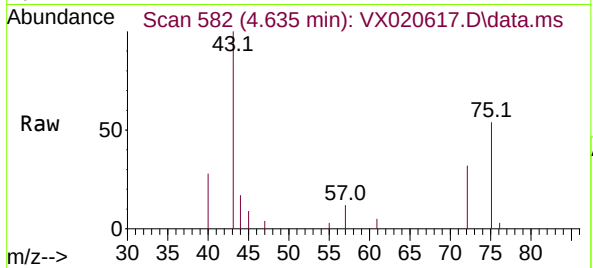




#25
2-Butanone
Concen: 5.01 ug/l
RT: 4.635 min Scan# 582
Delta R.T. -0.000 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

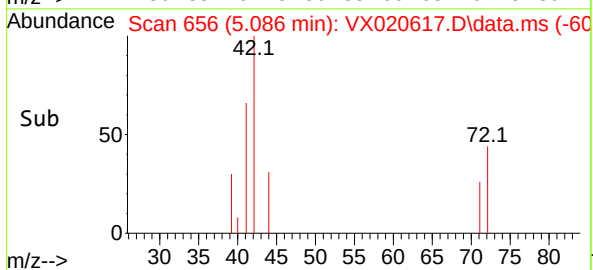
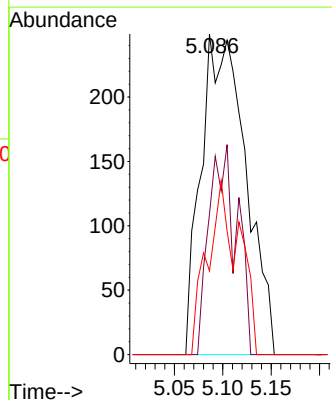
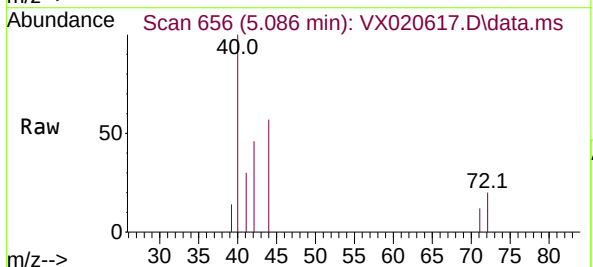
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#06

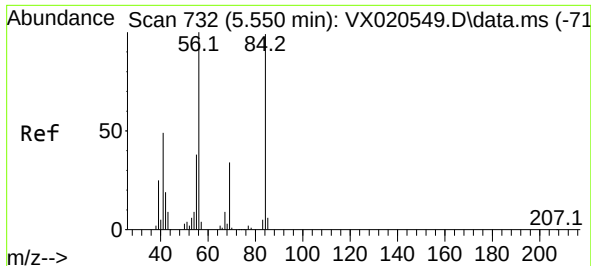
Tgt Ion: 43 Resp: 5998
Ion Ratio Lower Upper
43 100
72 31.8 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.10 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.007 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

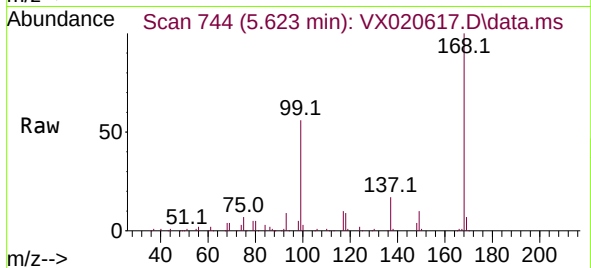
Tgt Ion: 42 Resp: 799
Ion Ratio Lower Upper
42 100
72 40.7 41.7 62.5#
71 27.3 38.4 57.6#



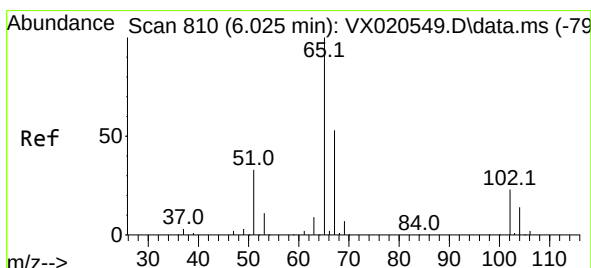
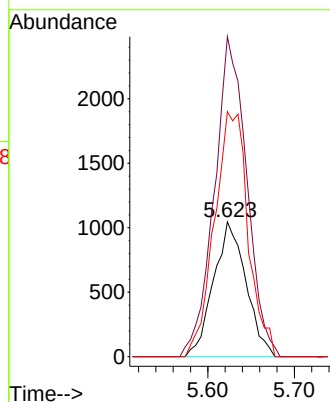
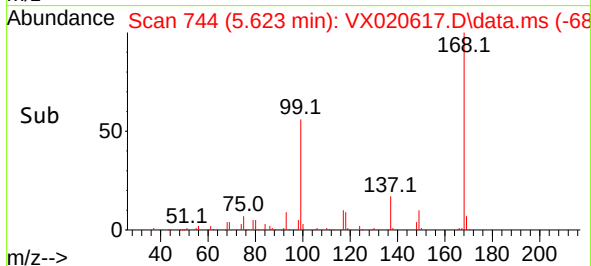


#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

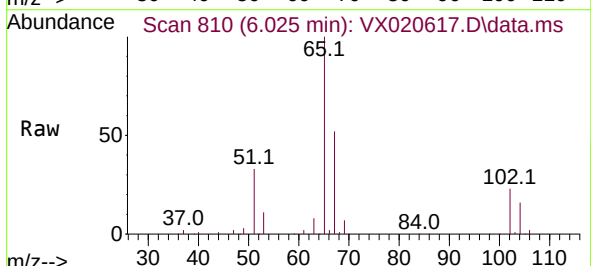
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#06



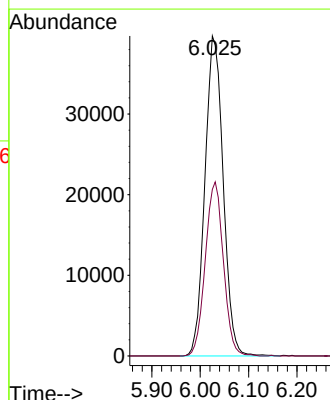
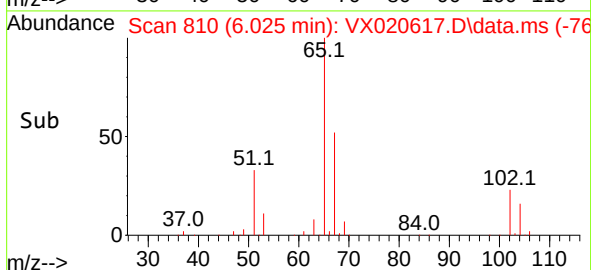
Tgt Ion: 56 Resp: 2722
Ion Ratio Lower Upper
56 100
69 237.1 25.3 37.9#
84 181.5 71.4 107.0#

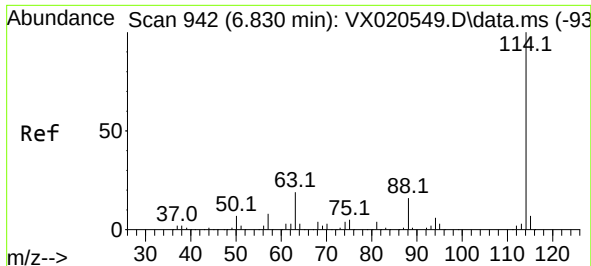


#33
1,2-Dichloroethane-d4
Concen: 47.04 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59



Tgt Ion: 65 Resp: 104240
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.4

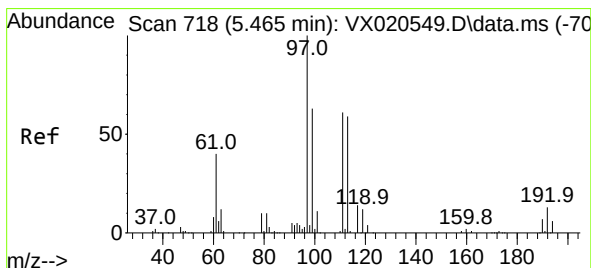
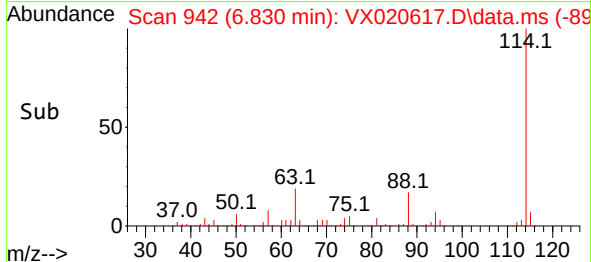
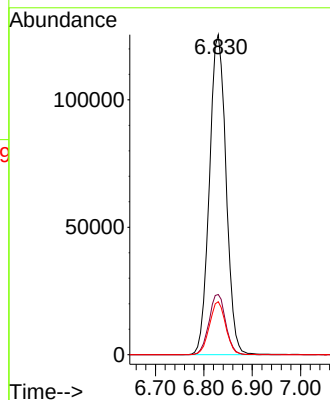
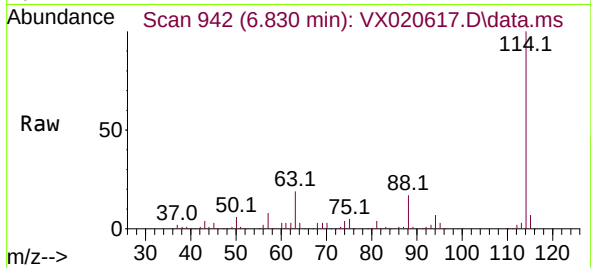




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

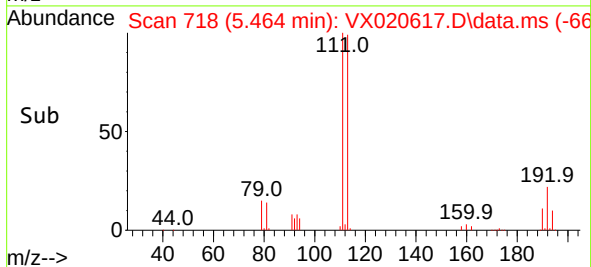
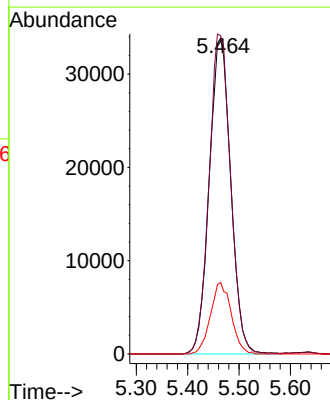
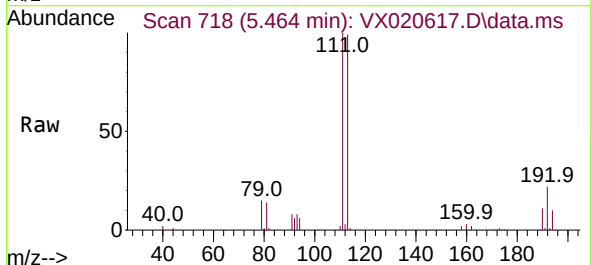
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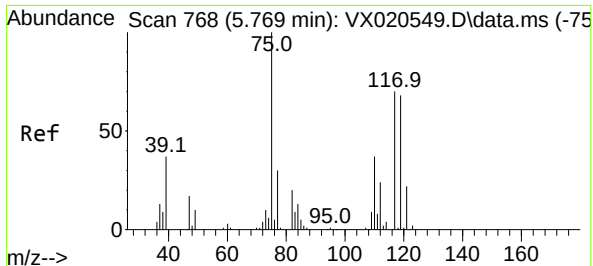
Tgt Ion:114 Resp: 300425
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.09 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Tgt Ion:113 Resp: 98014
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 21.9 16.7 25.1

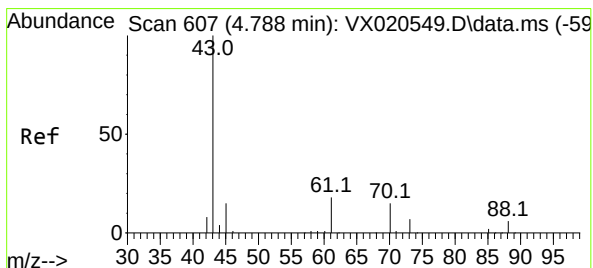
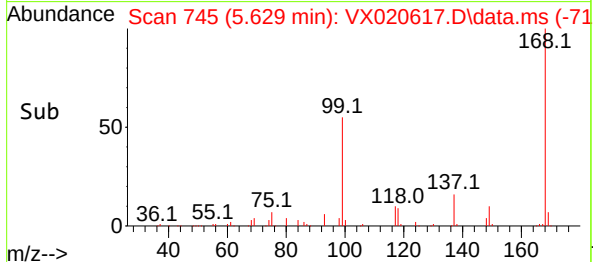
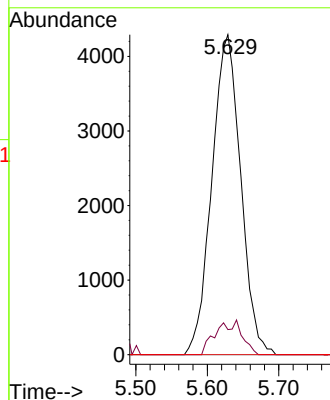
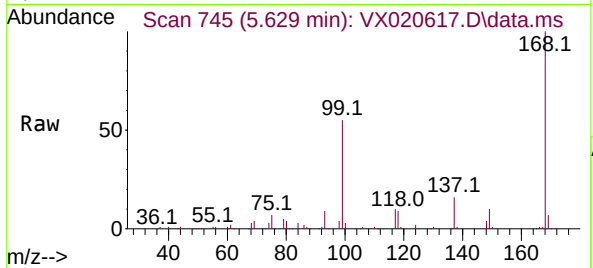




#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

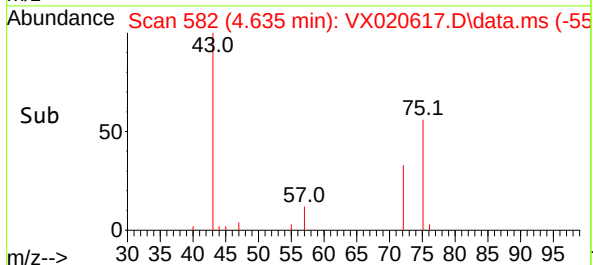
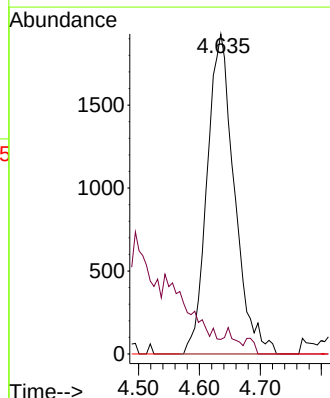
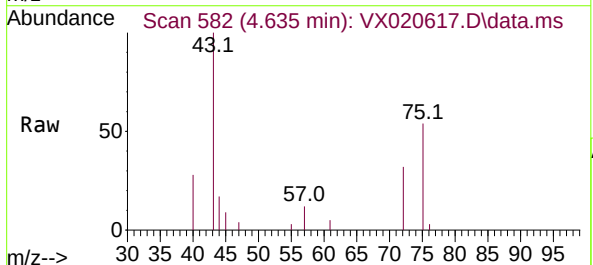
Instrument :
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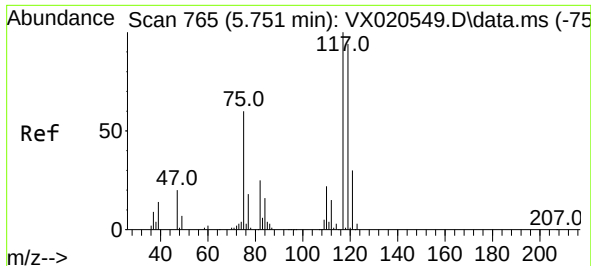
Tgt Ion: 75 Resp: 12022
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 2.41 ug/l
RT: 4.635 min Scan# 582
Delta R.T. -0.153 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Tgt Ion: 43 Resp: 5998
Ion Ratio Lower Upper
43 100
61 1.7 12.8 19.2#
70 0.0 10.5 15.7#

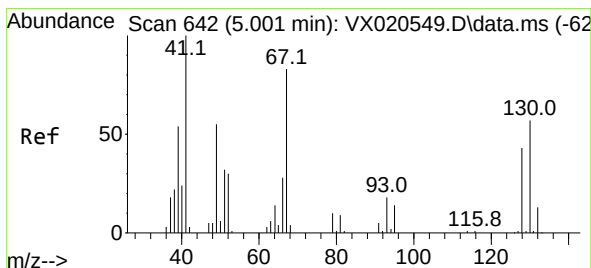
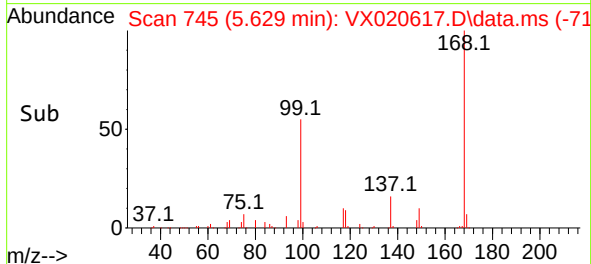
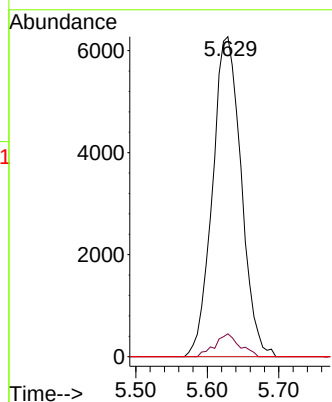
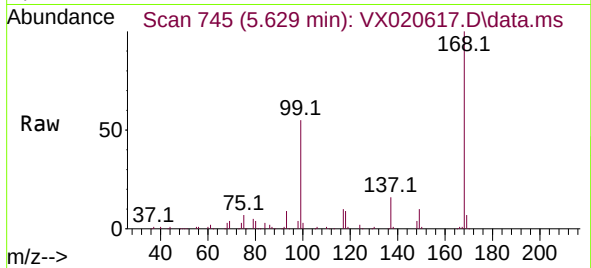




#38
Carbon Tetrachloride
Concen: 5.46 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

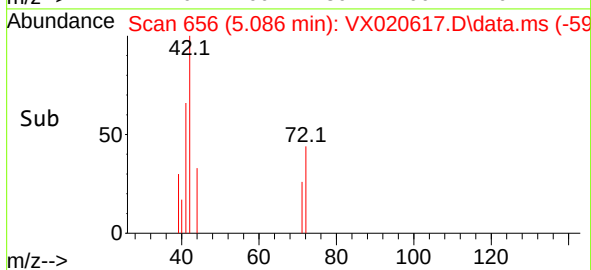
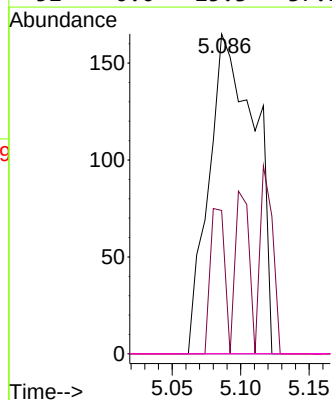
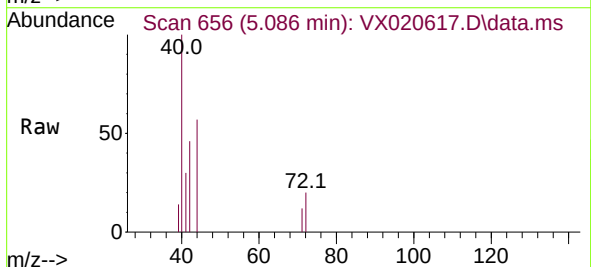
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#06

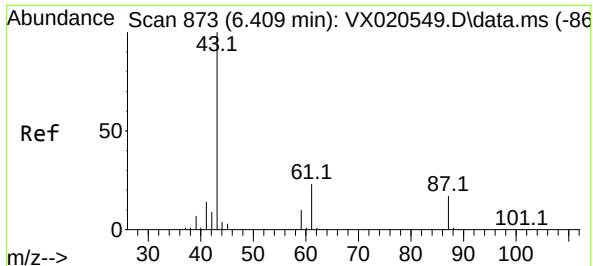
Tgt Ion:117 Resp: 17476
Ion Ratio Lower Upper
117 100
119 7.1 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.30 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.085 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Tgt Ion: 41 Resp: 385
Ion Ratio Lower Upper
41 100
39 14.0 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

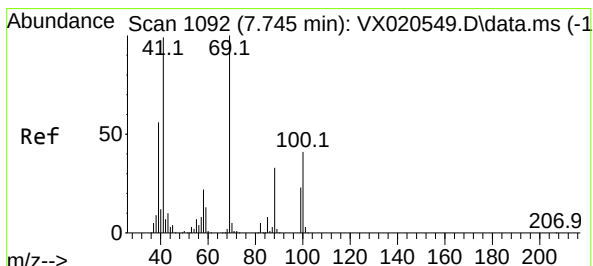
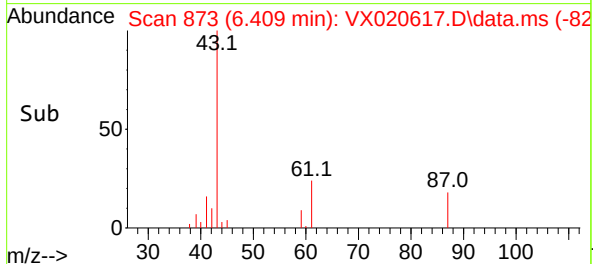
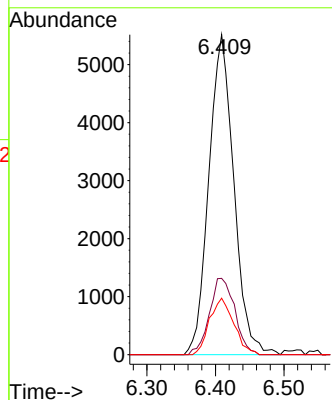
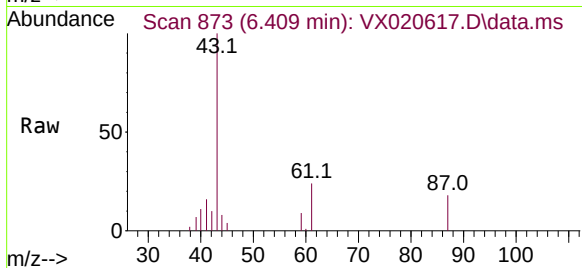




#43
Isopropyl Acetate
Concen: 3.61 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.000 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

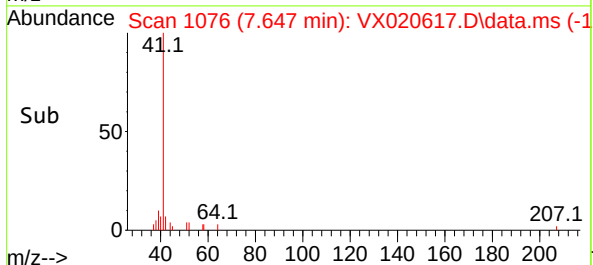
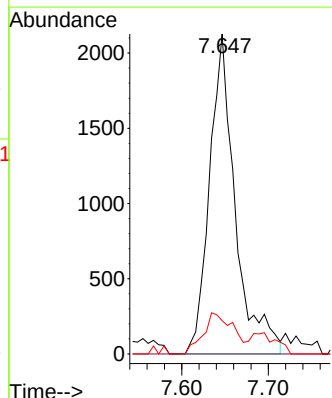
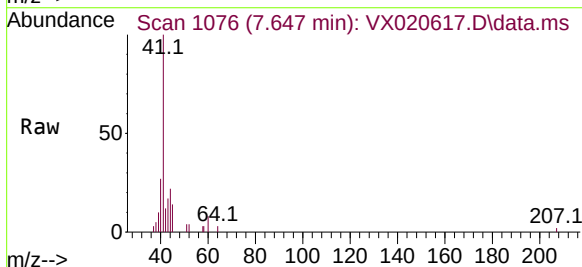
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#06

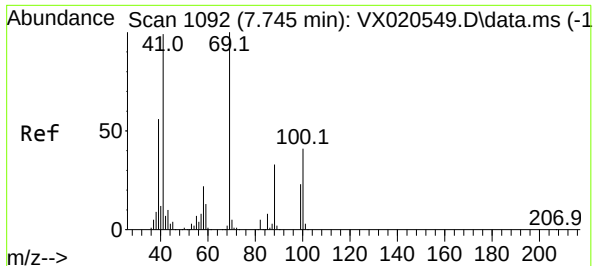
Tgt Ion:	43	Resp:	13972
Ion	Ratio	Lower	Upper
43	100		
61	24.2	18.2	27.4
87	17.2	12.5	18.7



#48
Methyl methacrylate
Concen: 2.34 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.098 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Tgt Ion:	41	Resp:	4393
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: 3.57 ug/l

RT: 7.854 min Scan# 1110

Delta R.T. 0.109 min

Lab File: VX020617.D

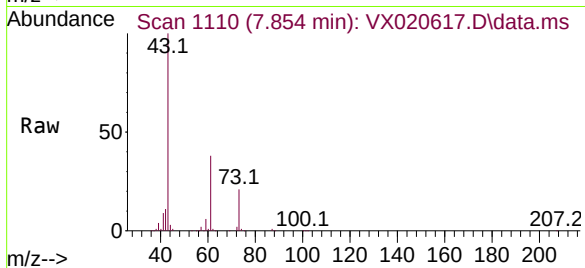
Acq: 14 Jan 2021 16:59

Instrument :

MSVOA_X

ClientSampleId :

PB134118ZHE#06



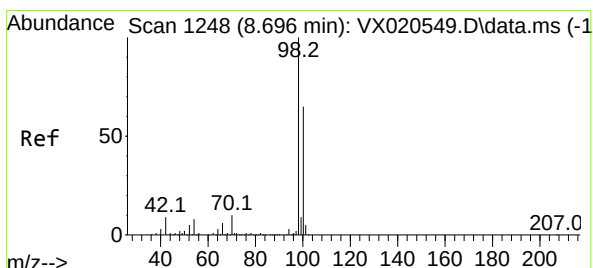
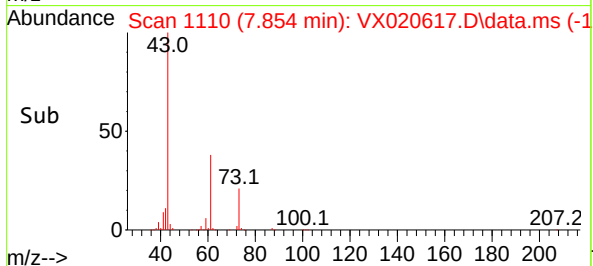
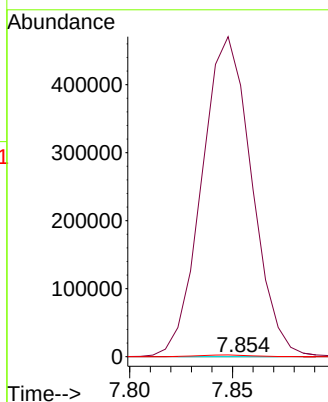
Tgt Ion: 88 Resp: 169

Ion Ratio Lower Upper

88 100

43 474098.2 23.2 34.8#

58 2700.6 55.0 82.4#



#50

Toluene-d8

Concen: 49.31 ug/l

RT: 8.695 min Scan# 1248

Delta R.T. -0.001 min

Lab File: VX020617.D

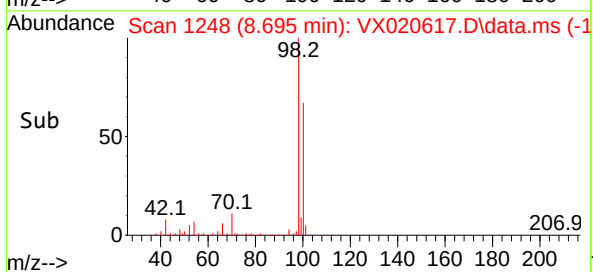
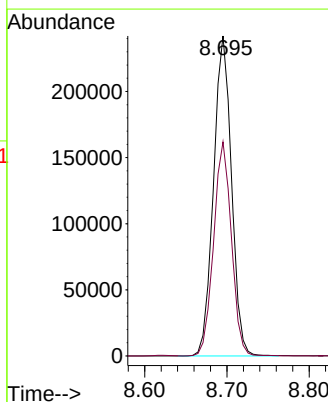
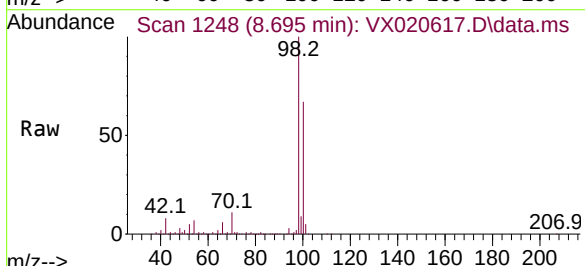
Acq: 14 Jan 2021 16:59

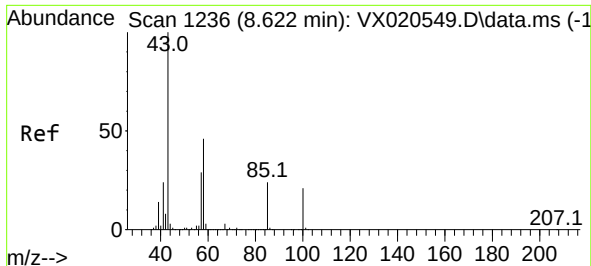
Tgt Ion: 98 Resp: 367307

Ion Ratio Lower Upper

98 100

100 66.3 51.9 77.9

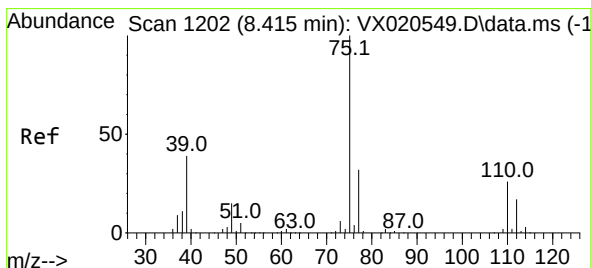
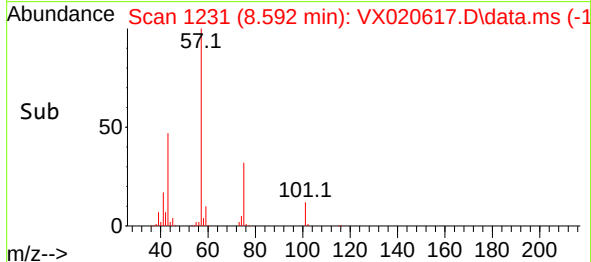
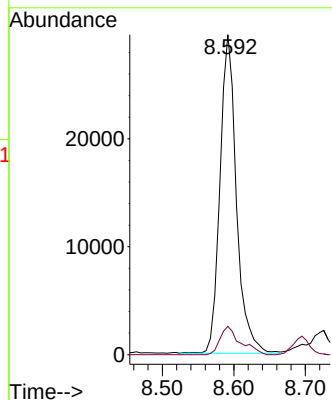
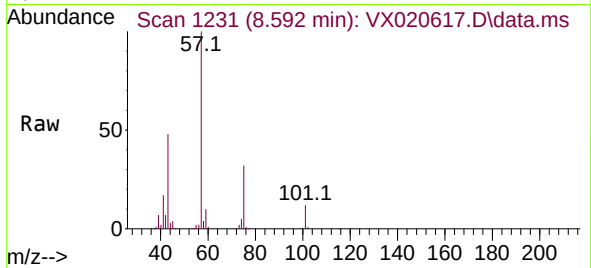




#51
4-Methyl-2-Pentanone
Concen: 19.71 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.030 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

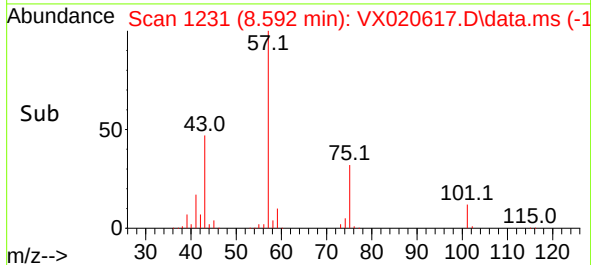
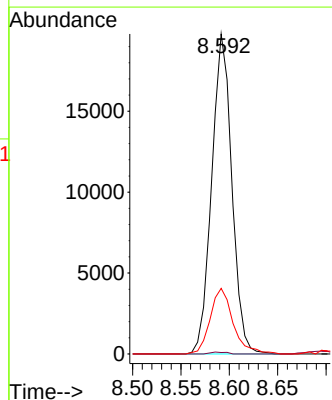
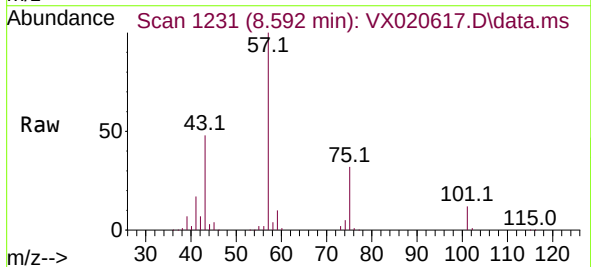
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#06

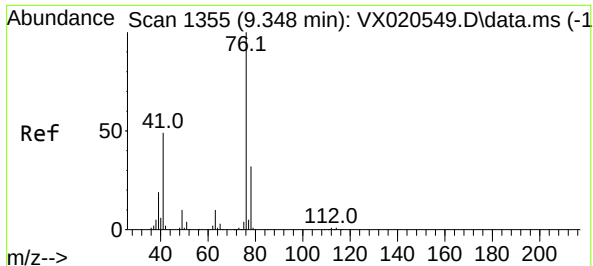
Tgt Ion: 43 Resp: 47258
Ion Ratio Lower Upper
43 100
58 10.9 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 8.37 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.177 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Tgt Ion: 75 Resp: 28640
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 20.5 35.1 52.7#



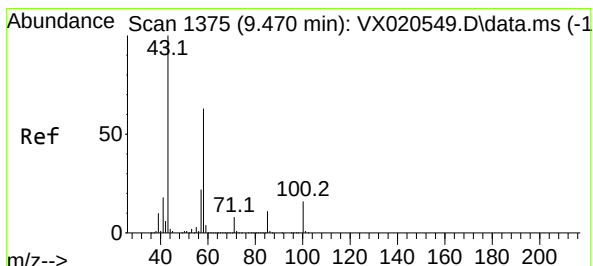
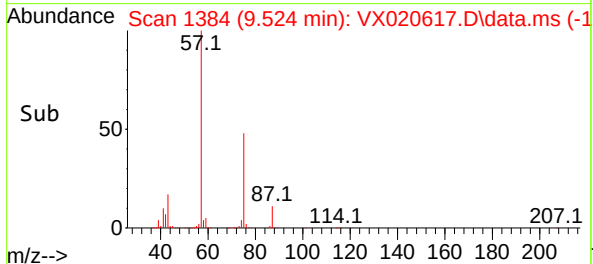
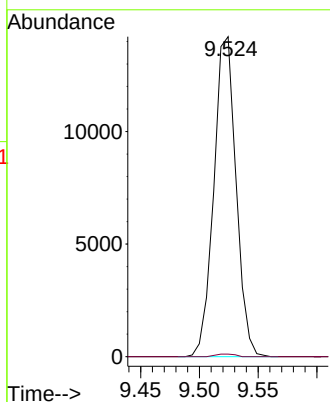
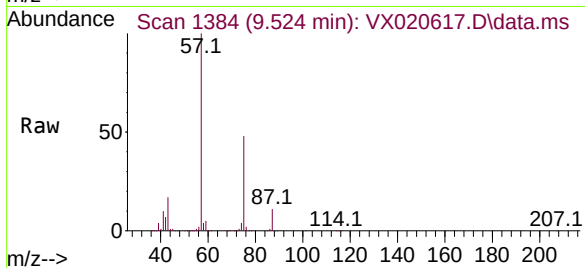


#57

1,3-Dichloropropane
Concen: 5.20 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.176 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#06

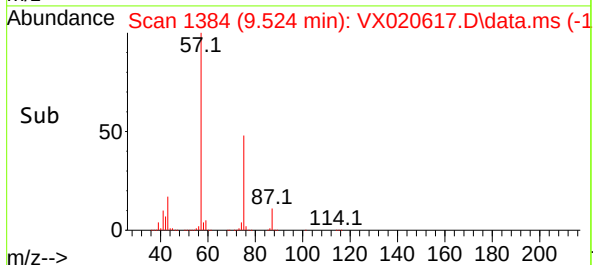
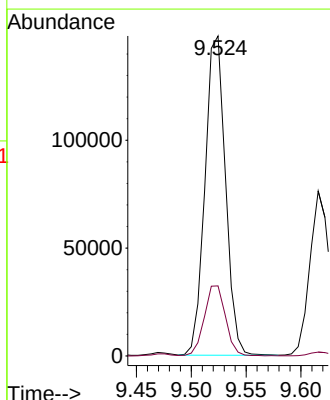
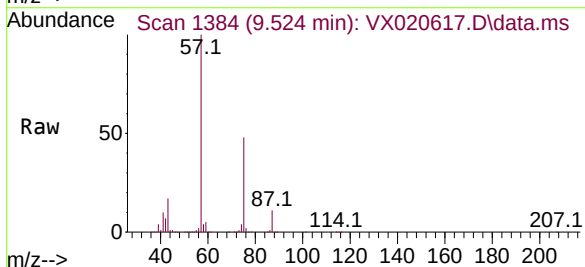
Tgt Ion: 76 Resp: 18746
Ion Ratio Lower Upper
76 100
78 0.7 26.2 39.2#

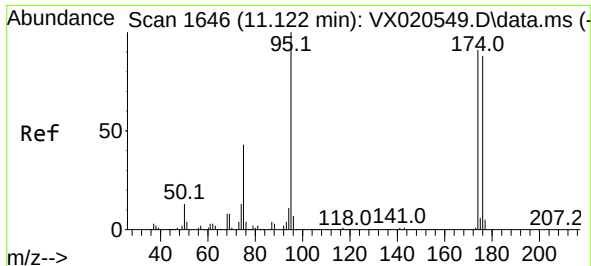


#59

2-Hexanone
Concen: 107.05 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.054 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Tgt Ion: 43 Resp: 192405
Ion Ratio Lower Upper
43 100
58 22.9 30.9 92.8#

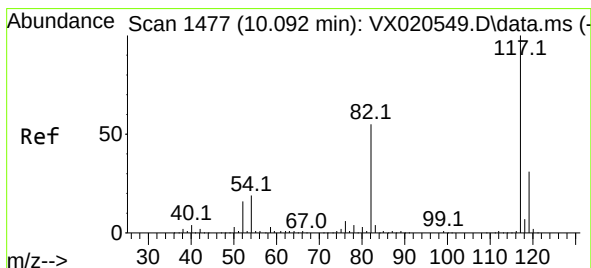
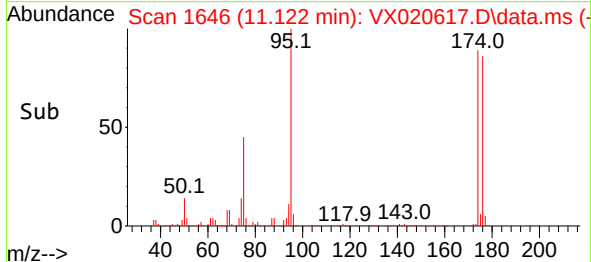
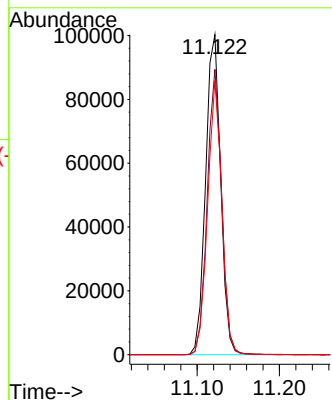
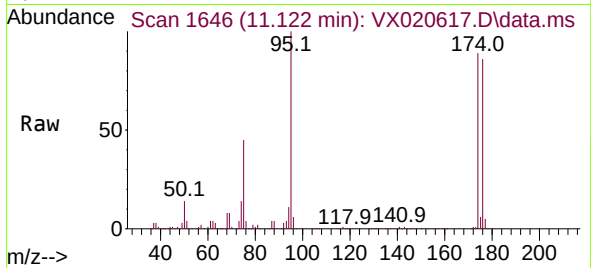




#62
4-Bromofluorobenzene
Concen: 48.62 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

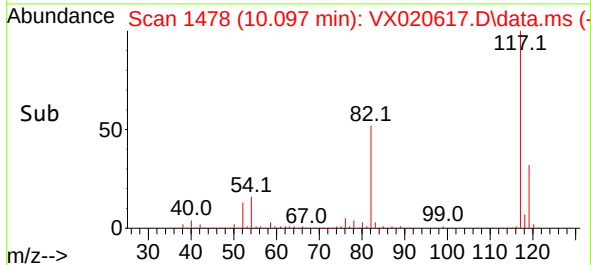
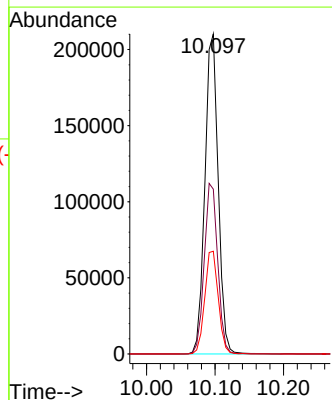
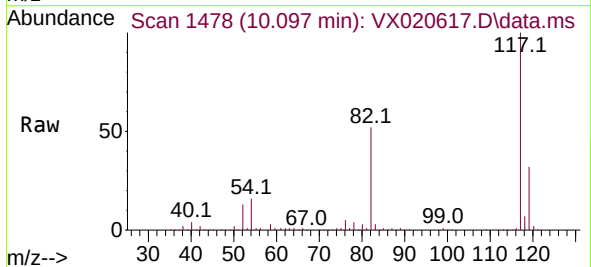
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#06

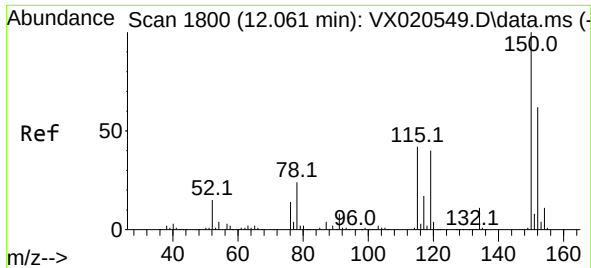
Tgt Ion: 95 Resp: 127877
Ion Ratio Lower Upper
95 100
174 85.7 0.0 154.6
176 81.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Tgt Ion: 117 Resp: 284216
Ion Ratio Lower Upper
117 100
82 51.5 47.4 71.2
119 32.1 26.6 39.8

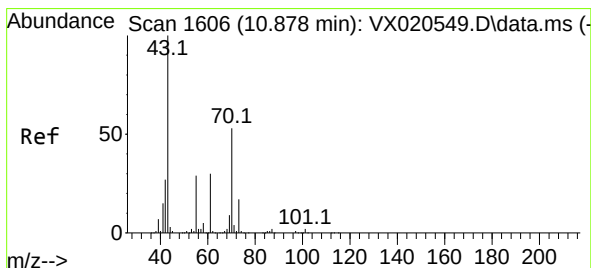
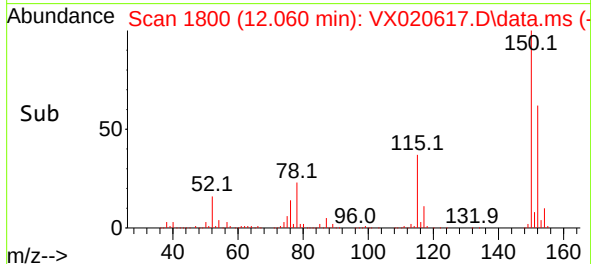
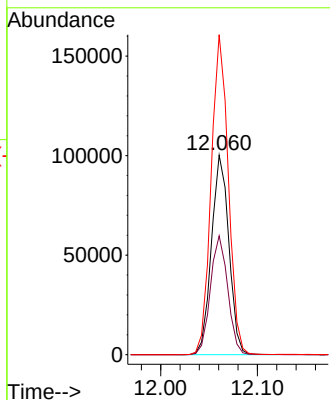
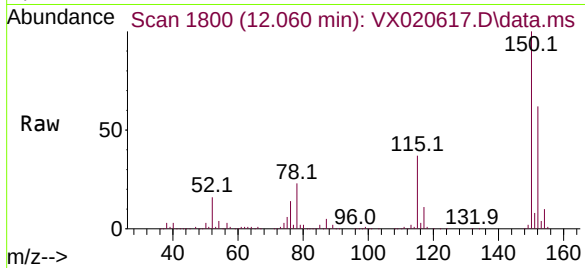




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.060 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

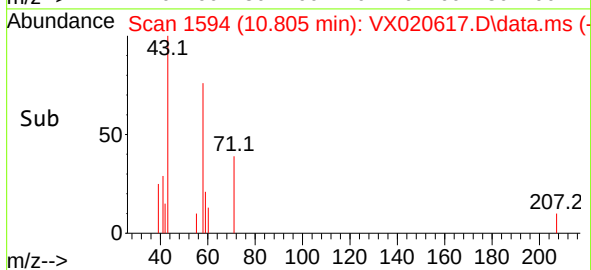
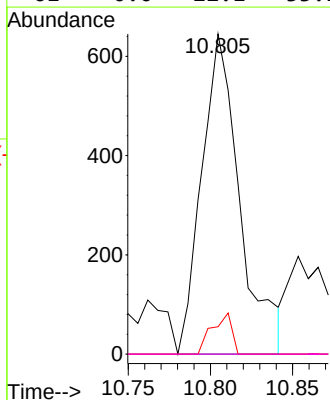
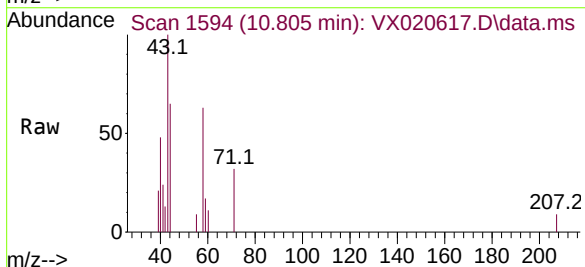
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#06

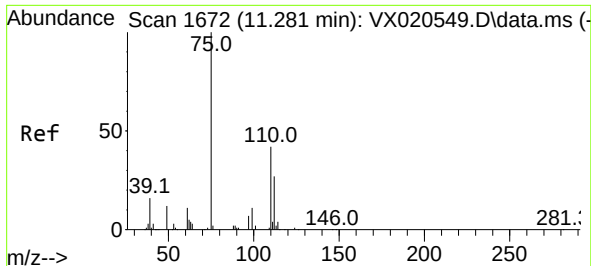
Tgt Ion:152 Resp: 125525
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 157.7 0.0 349.0



#74
N-ethyl acetate
Concen: 1.58 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.073 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 6.6 21.5 32.3#
61 0.0 22.1 33.1#

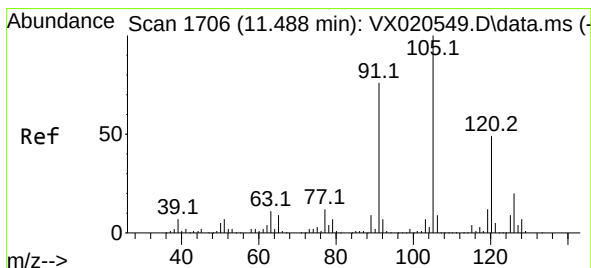
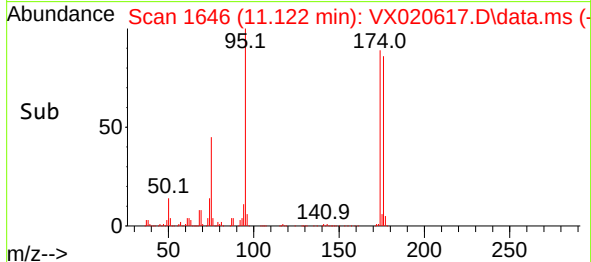
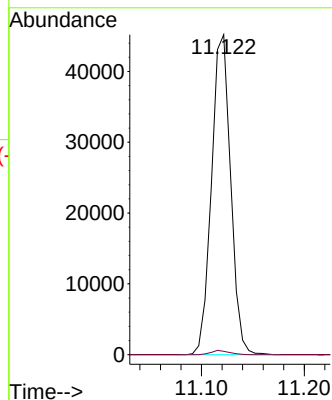
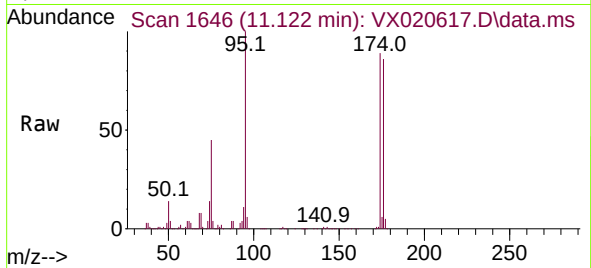




#76
1,2,3-Trichloropropane
Concen: 22.07 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

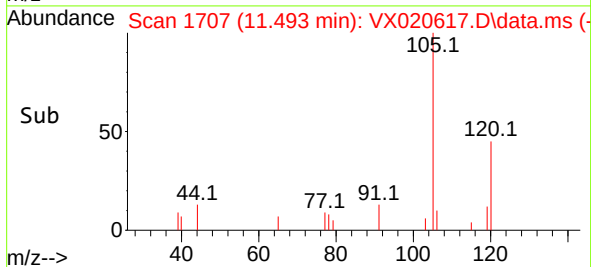
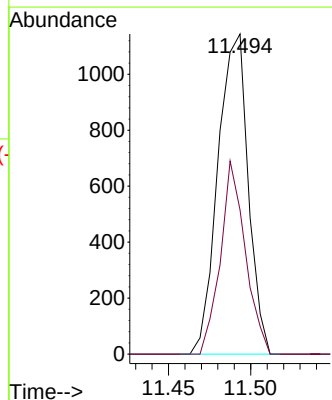
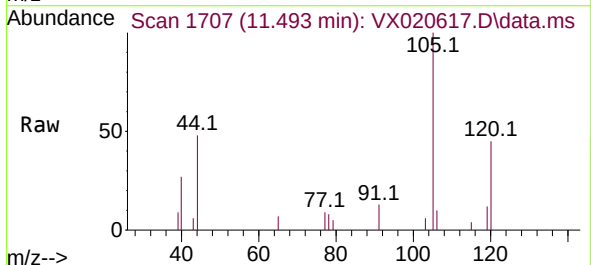
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#06

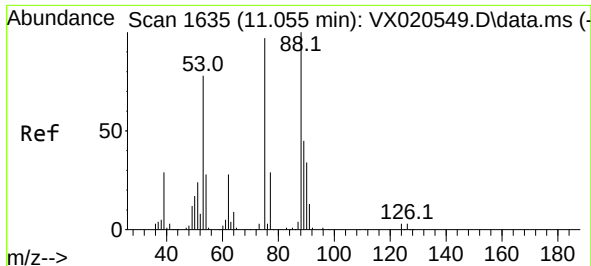
Tgt Ion: 75 Resp: 58372
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.21 ug/l
RT: 11.493 min Scan# 1707
Delta R.T. 0.005 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Tgt Ion: 105 Resp: 1464
Ion Ratio Lower Upper
105 100
120 49.6 23.8 71.5

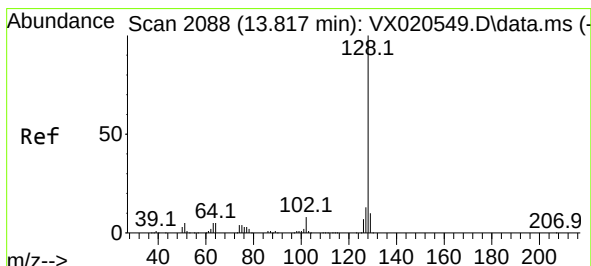
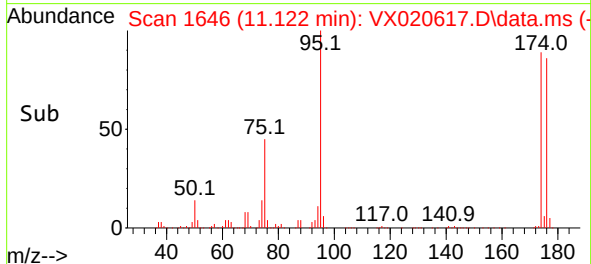
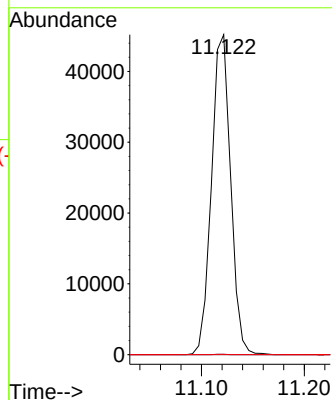
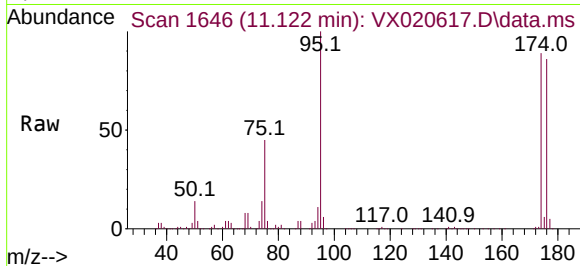




#81
trans-1,4-Dichloro-2-butene
Concen: 60.14 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#06

Tgt Ion: 75 Resp: 58372
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.86 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020617.D
Acq: 14 Jan 2021 16:59

Tgt Ion: 128 Resp: 139
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

