

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020612.D
 Acq On : 14 Jan 2021 15:03
 Operator : JC/MD
 Sample : PB134118ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB134118ZHE#01

Quant Time: Jan 15 05:10:50 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)

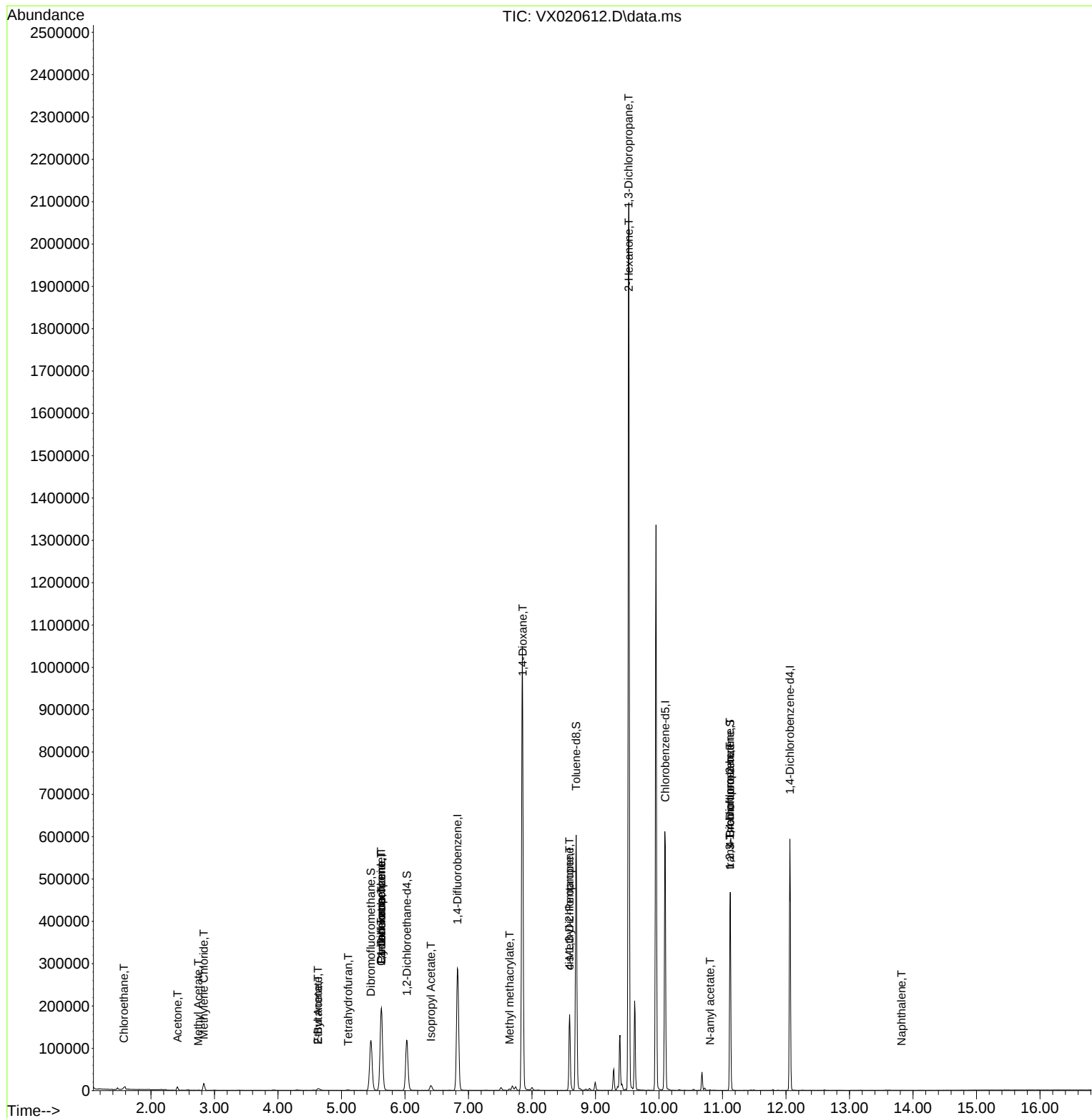
Internal Standards						
1) Pentafluorobenzene	5.629	168	190521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	305424	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	294879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	127758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	116385	50.86	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.72%
35) Dibromofluoromethane	5.465	113	103971	49.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.26%
50) Toluene-d8	8.696	98	371702	49.09	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.18%
62) 4-Bromofluorobenzene	11.122	95	128864	48.19	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.38%
Target Compounds						Qvalue
6) Chloroethane	1.575	64	106	0.50	ug/l #	43
11) Tert butyl alcohol	3.002	59	725	Below Cal	#	73
16) Acetone	2.416	43	8054	6.46	ug/l	95
18) Methyl Acetate	2.745	43	813	0.40	ug/l #	84
20) Methylene Chloride	2.831	84	7993	3.70	ug/l	93
25) 2-Butanone	4.629	43	4001	3.24	ug/l	95
29) Tetrahydrofuran	5.105	42	924	1.23	ug/l #	82
31) Cyclohexane	5.629	56	3317	1.23	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	13381	4.79	ug/l #	50
37) Ethyl Acetate	4.629	43	4001	1.58	ug/l #	66
38) Carbon Tetrachloride	5.623	117	18574	5.70	ug/l #	16
43) Isopropyl Acetate	6.409	43	14558	3.70	ug/l	99
48) Methyl methacrylate	7.647	41	4273	2.24	ug/l #	10
49) 1,4-Dioxane	7.854	88	169	3.51	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	54300	22.28	ug/l #	48
54) cis-1,3-Dichloropropene	8.592	75	30913	8.89	ug/l #	57
57) 1,3-Dichloropropane	9.519	76	19742	5.39	ug/l #	43
59) 2-Hexanone	9.525	43	213396	116.79	ug/l #	48
74) N-amyl acetate	10.805	43	596	1.43	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	59235	22.01	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	59235	59.97	ug/l #	12
95) Naphthalene	13.817	128	192	3.86	ug/l #	69

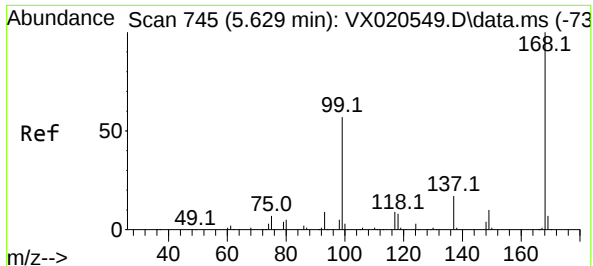
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX020612.D
Acq On : 14 Jan 2021 15:03
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Instrument :
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ClientSampleId :
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Quant Time: Jan 15 05:10:50 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

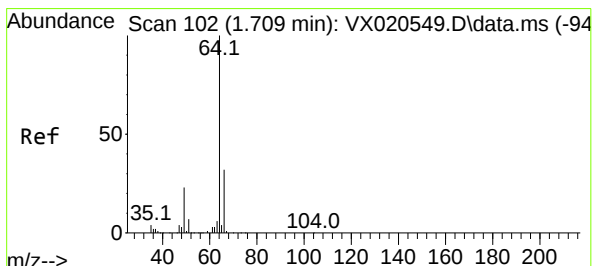
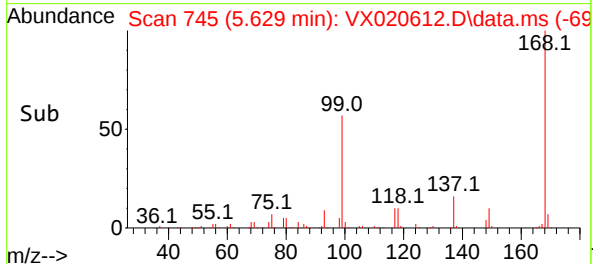
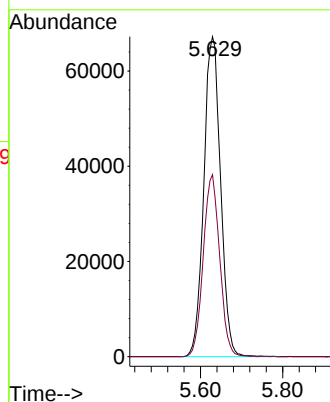
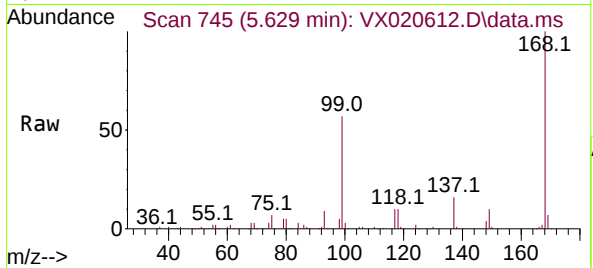




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

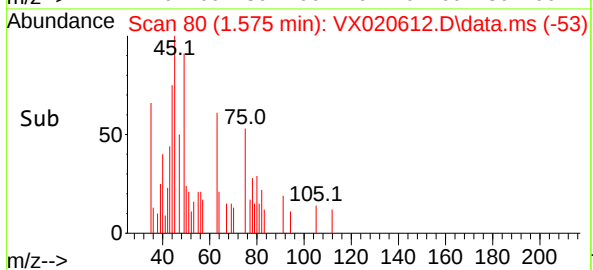
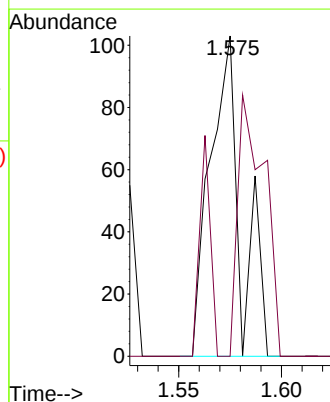
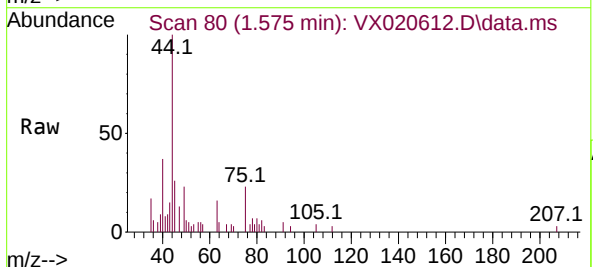
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#01

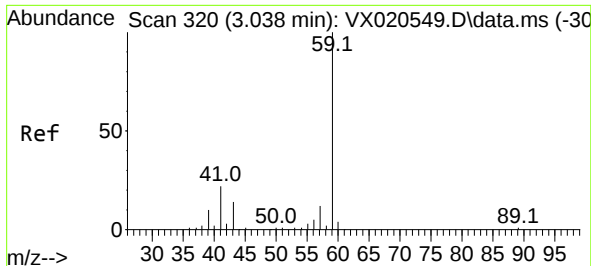
Tgt Ion:168 Resp: 190521
Ion Ratio Lower Upper
168 100
99 56.9 45.8 68.6



#6
Chloroethane
Concen: 0.50 ug/l
RT: 1.575 min Scan# 80
Delta R.T. -0.134 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

Tgt Ion: 64 Resp: 106
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



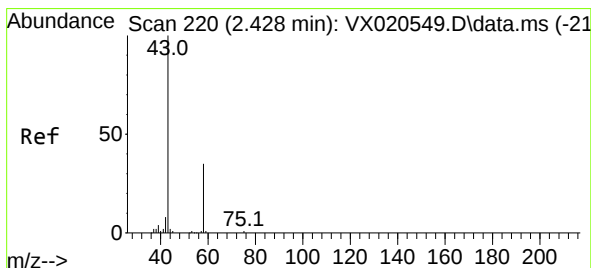
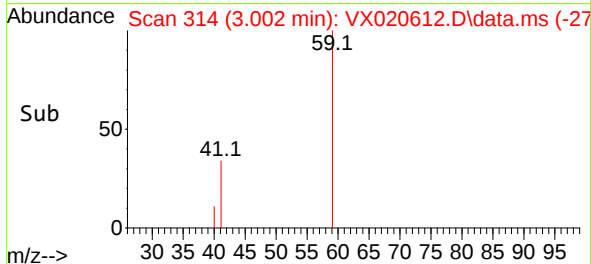
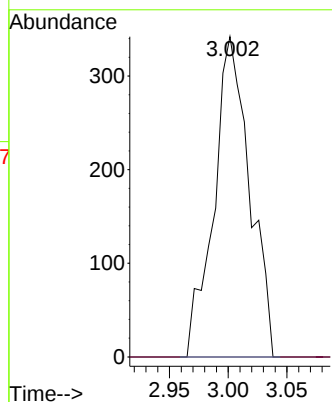
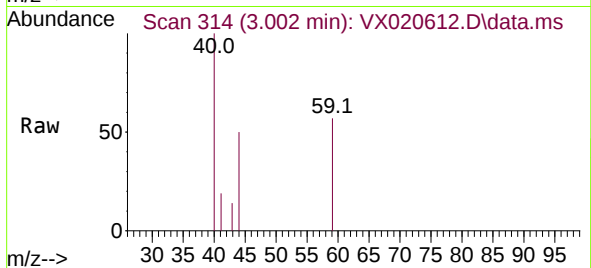


#11

Tert butyl alcohol
Concen: Below Cal
RT: 3.002 min Scan# 314
Delta R.T. -0.036 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#01

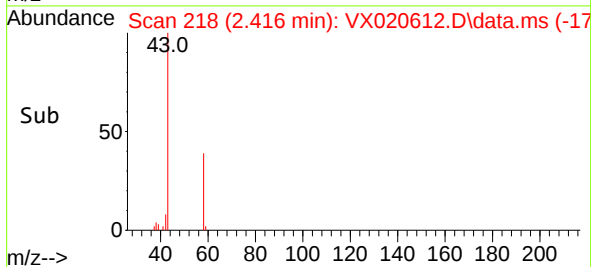
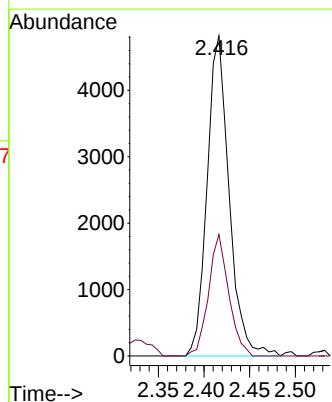
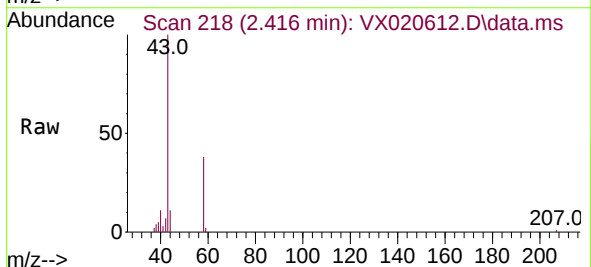
Tgt Ion: 59 Resp: 725
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

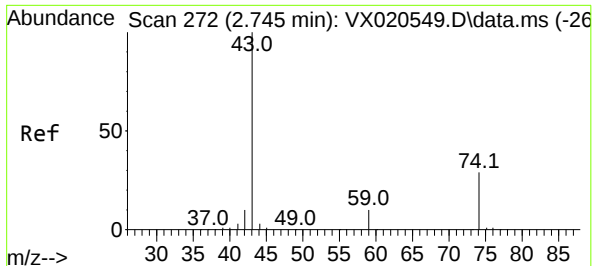


#16

Acetone
Concen: 6.46 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

Tgt Ion: 43 Resp: 8054
Ion Ratio Lower Upper
43 100
58 37.9 27.8 41.8

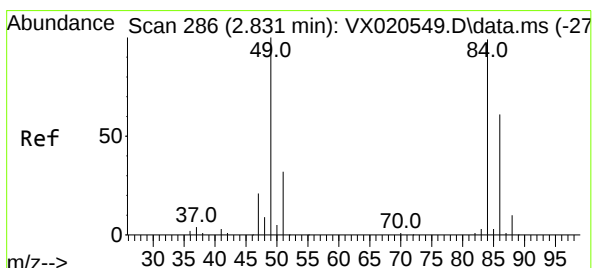
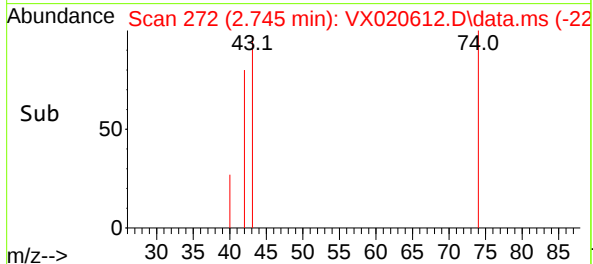
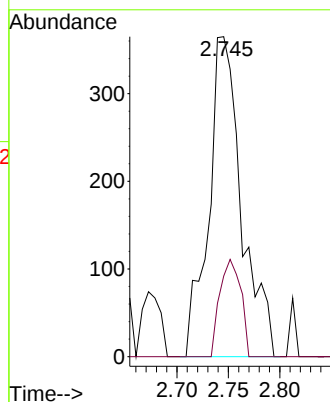
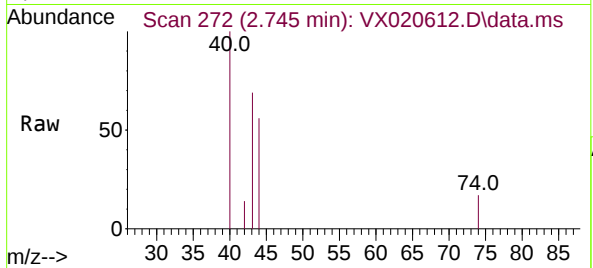




#18
Methyl Acetate
Concen: 0.40 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

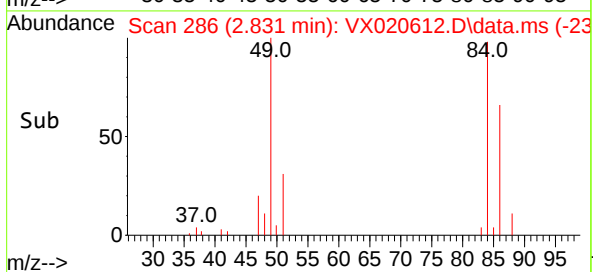
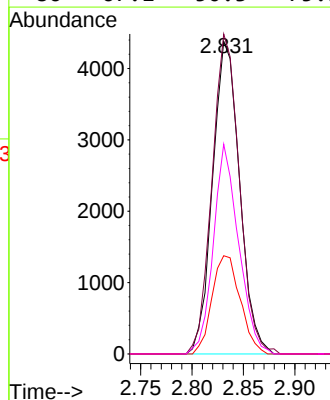
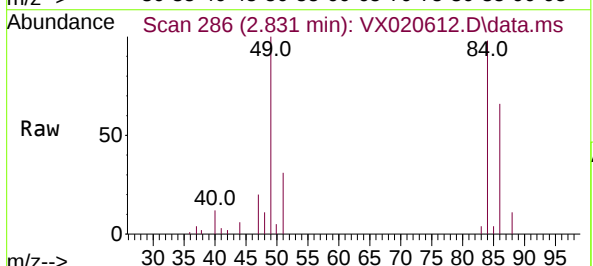
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#01

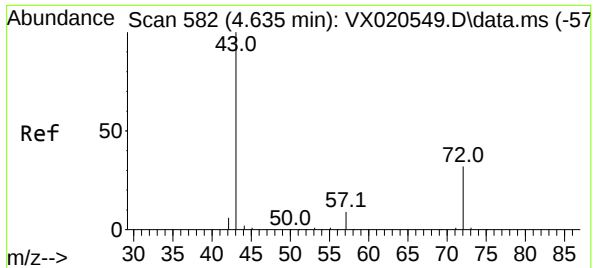
Tgt Ion: 43 Resp: 813
Ion Ratio Lower Upper
43 100
74 19.3 21.9 32.9#



#20
Methylene Chloride
Concen: 3.70 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

Tgt Ion: 84 Resp: 7993
Ion Ratio Lower Upper
84 100
49 102.4 88.6 132.8
51 31.4 27.0 40.6
86 67.1 50.3 75.5

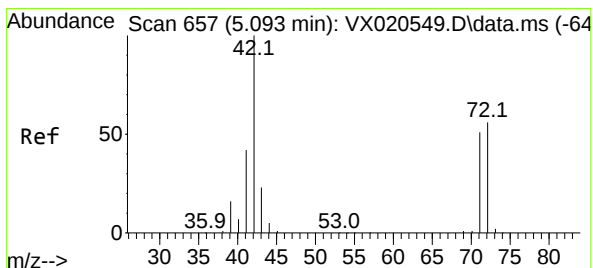
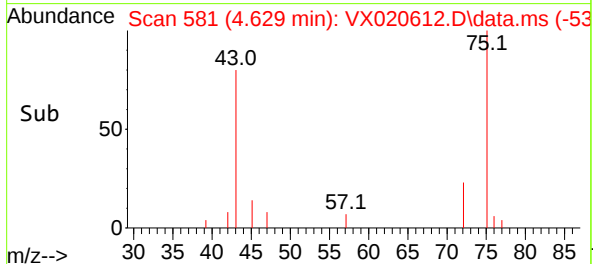
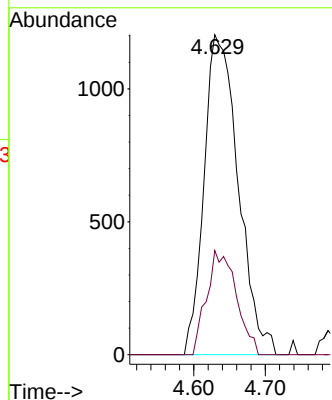
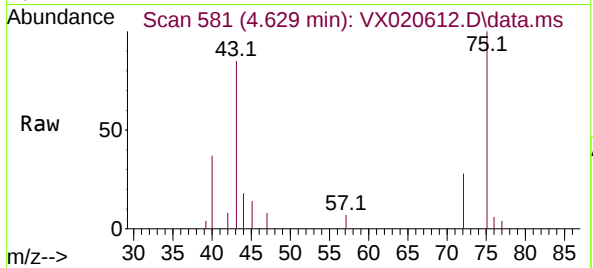




#25
2-Butanone
Concen: 3.24 ug/l
RT: 4.629 min Scan# 581
Delta R.T. -0.006 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

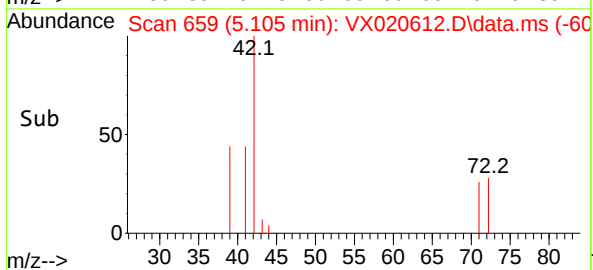
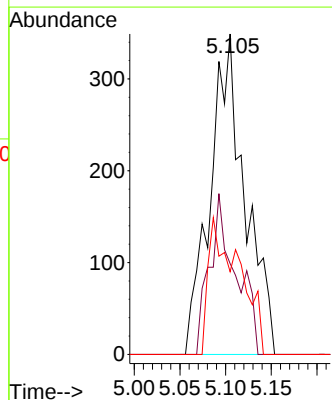
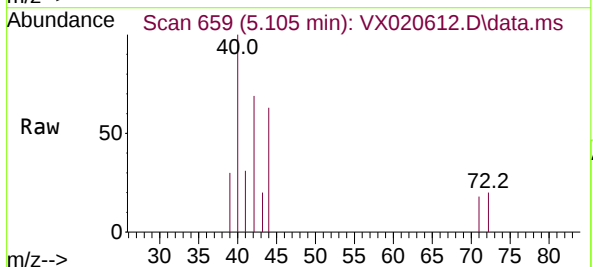
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#01

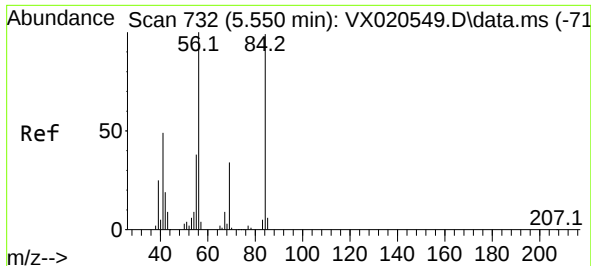
Tgt Ion: 43 Resp: 4001
Ion Ratio Lower Upper
43 100
72 32.6 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.23 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

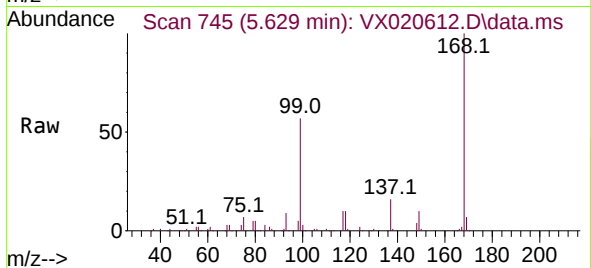
Tgt Ion: 42 Resp: 924
Ion Ratio Lower Upper
42 100
72 38.0 41.7 62.5#
71 37.8 38.4 57.6#



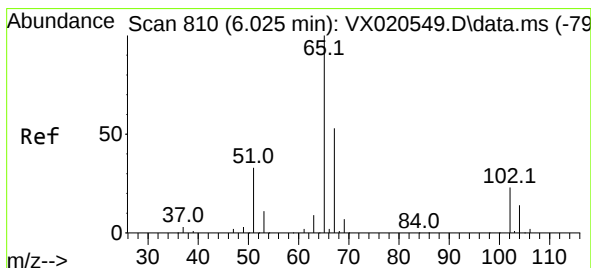
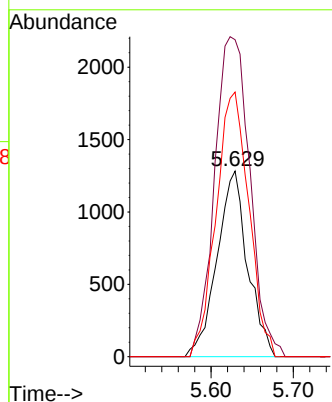
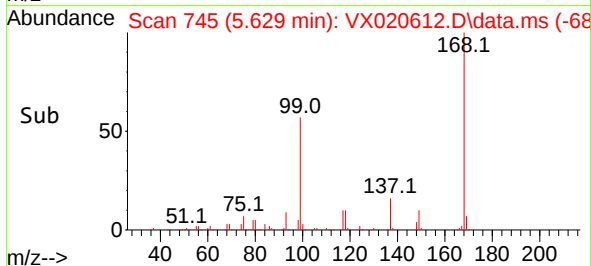


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.079 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

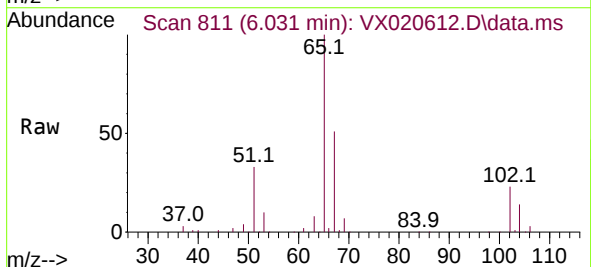
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MSVOA_X
ClientSampleId :
PB134118ZHE#01



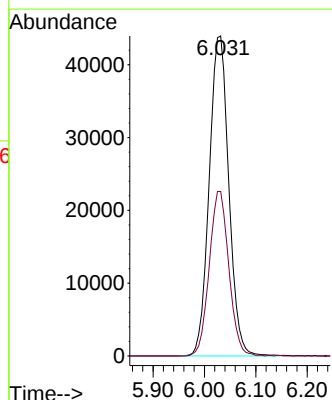
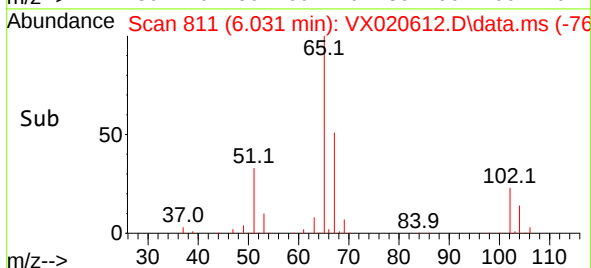
Tgt Ion: 56 Resp: 3317
Ion Ratio Lower Upper
56 100
69 170.7 25.3 37.9#
84 142.6 71.4 107.0#

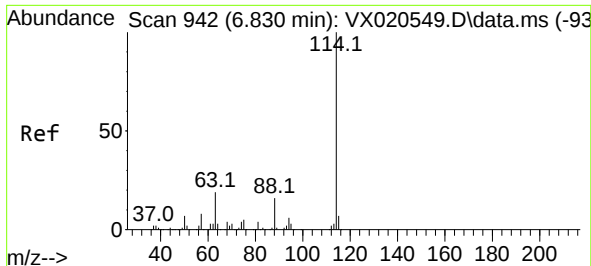


#33
1,2-Dichloroethane-d4
Concen: 50.86 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03



Tgt Ion: 65 Resp: 116385
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

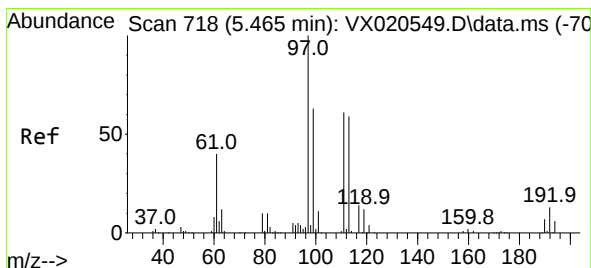
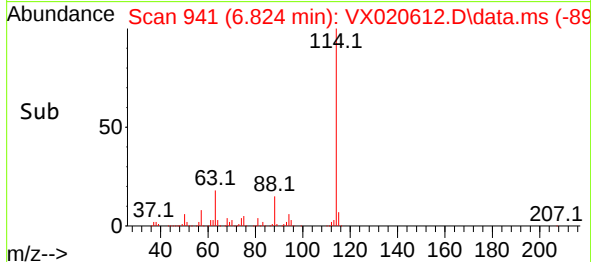
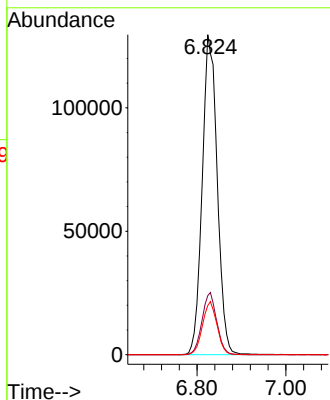
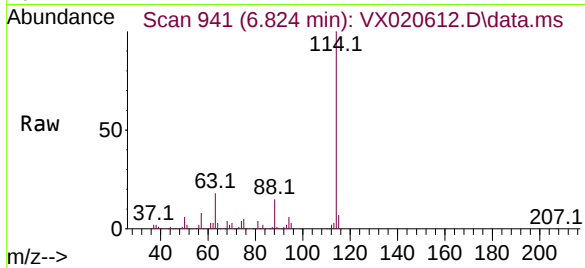




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

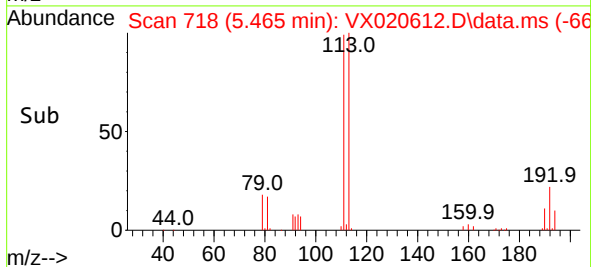
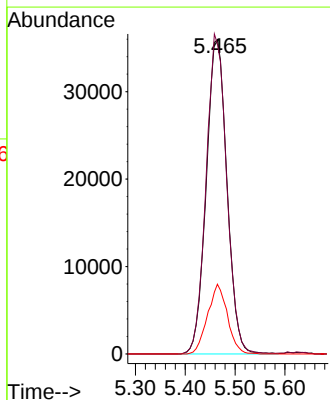
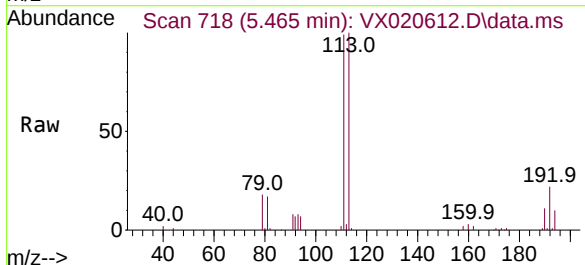
Instrument :
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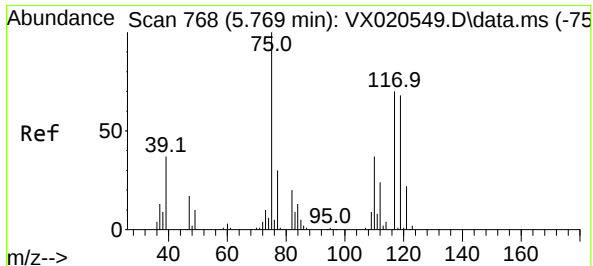
Tgt Ion:114 Resp: 305424
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.13 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

Tgt Ion:113 Resp: 103971
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 21.2 16.7 25.1

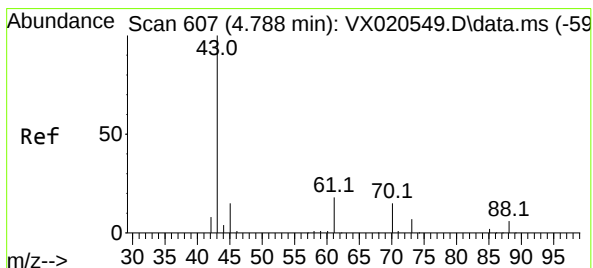
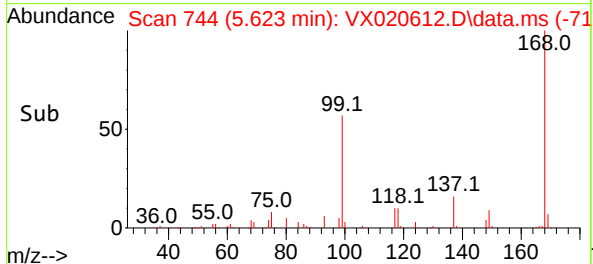
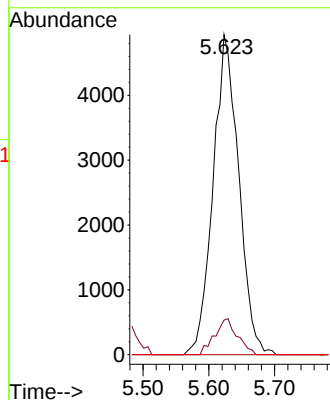
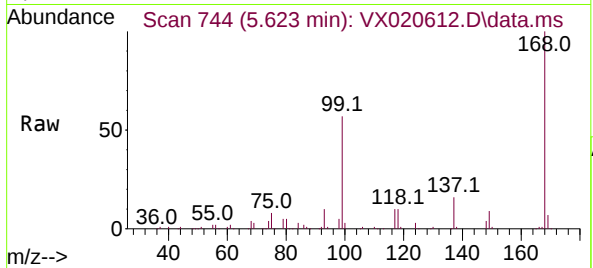




#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

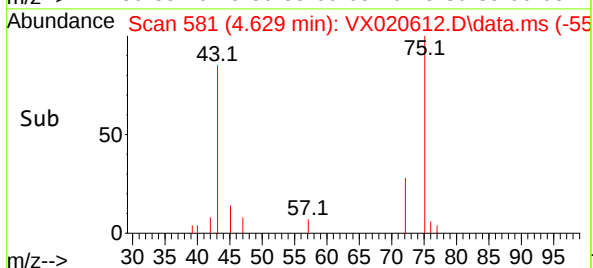
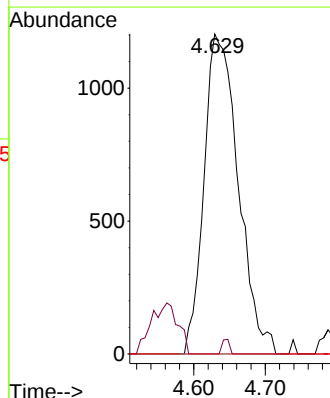
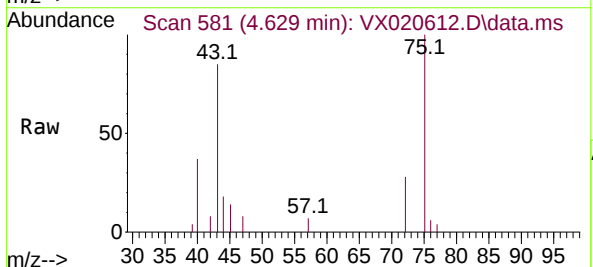
Instrument :
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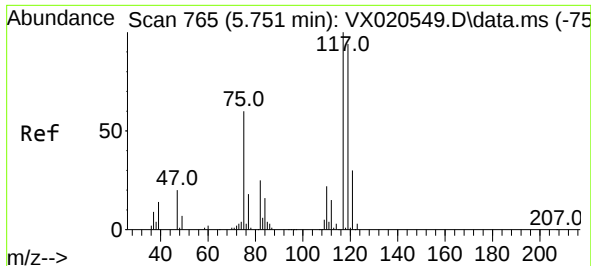
Tgt Ion: 75 Resp: 13381
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 1.58 ug/l
RT: 4.629 min Scan# 581
Delta R.T. -0.159 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

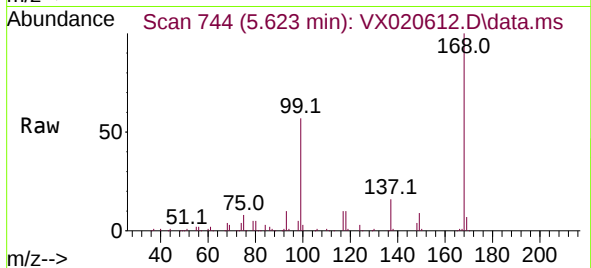
Tgt Ion: 43 Resp: 4001
Ion Ratio Lower Upper
43 100
61 1.0 12.8 19.2#
70 0.0 10.5 15.7#



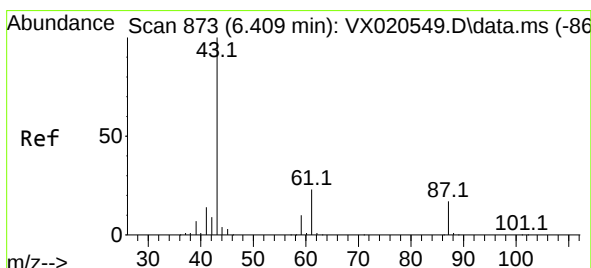
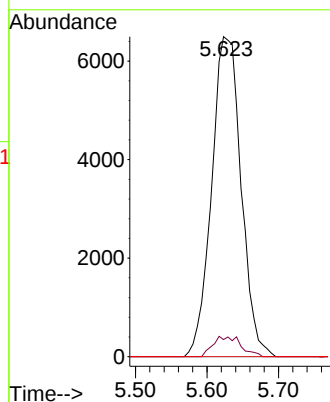
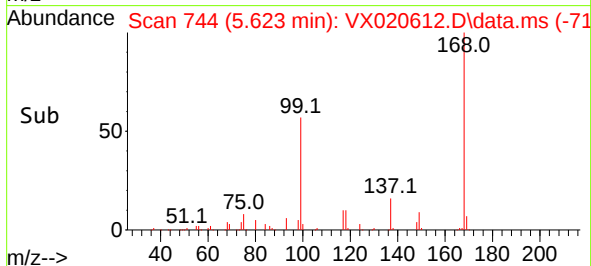


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

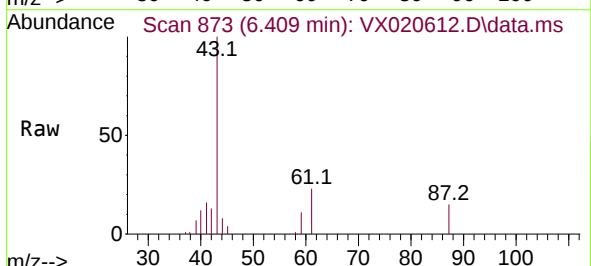
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#01



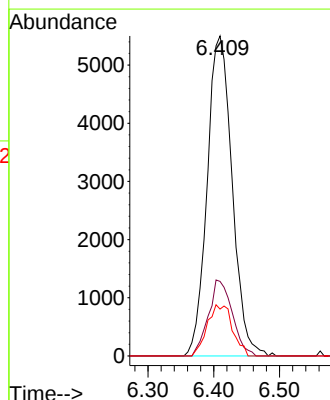
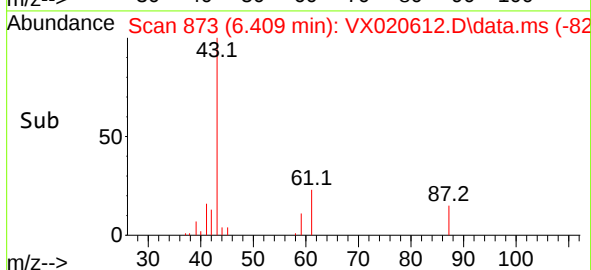
Tgt Ion: 117 Resp: 18574
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

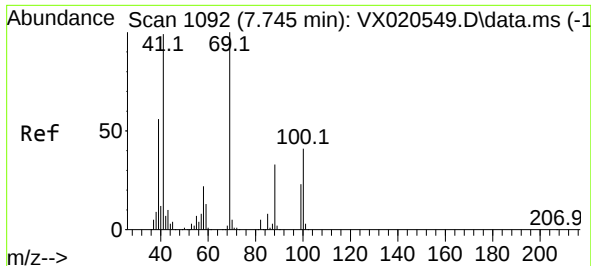


#43
Isopropyl Acetate
Concen: 3.70 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.000 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03



Tgt Ion: 43 Resp: 14558
Ion Ratio Lower Upper
43 100
61 22.7 18.2 27.4
87 16.0 12.5 18.7

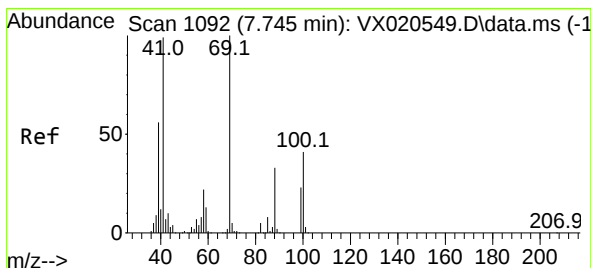
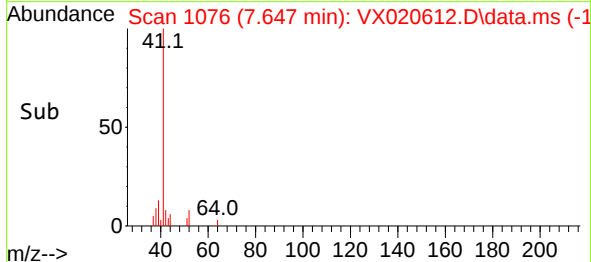
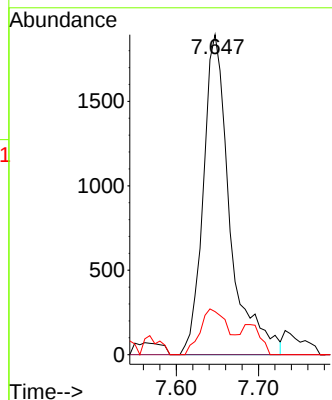
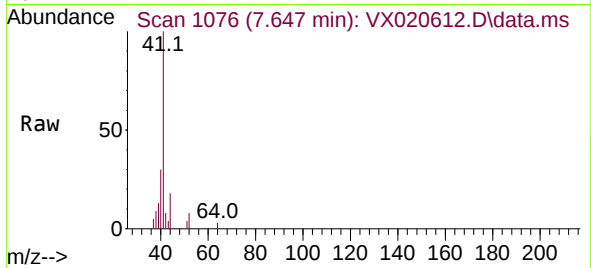




#48
Methyl methacrylate
Concen: 2.24 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.098 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

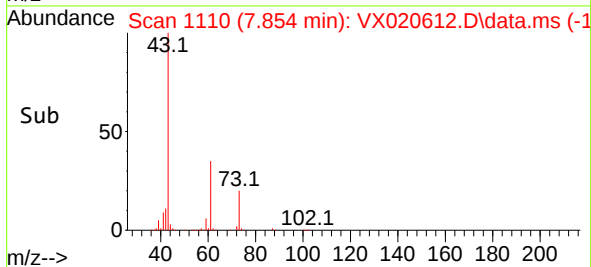
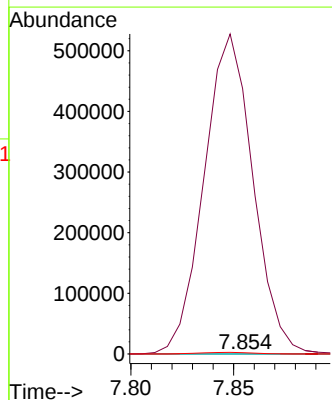
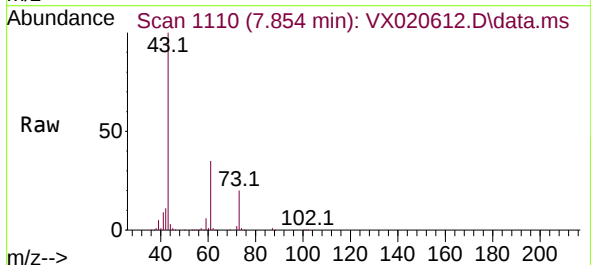
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#01

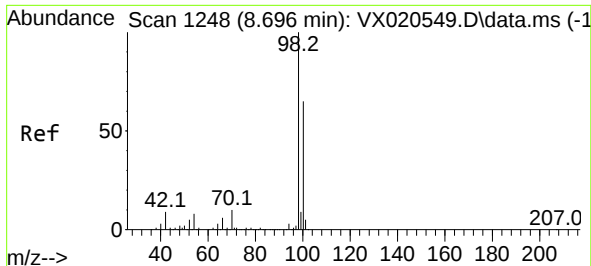
Tgt Ion: 41 Resp: 4273
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.51 ug/l
RT: 7.854 min Scan# 1110
Delta R.T. 0.109 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

Tgt Ion: 88 Resp: 169
Ion Ratio Lower Upper
88 100
43 520895.3 23.2 34.8#
58 2887.6 55.0 82.4#

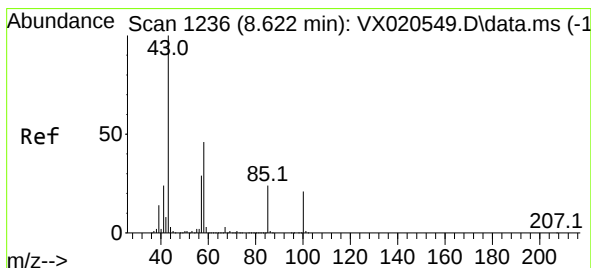
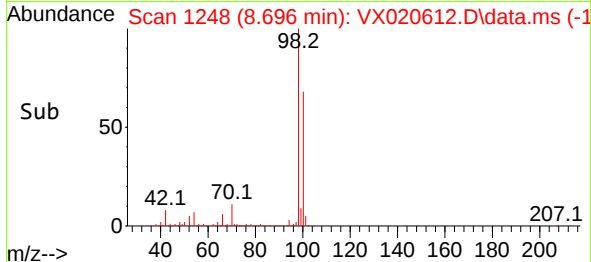
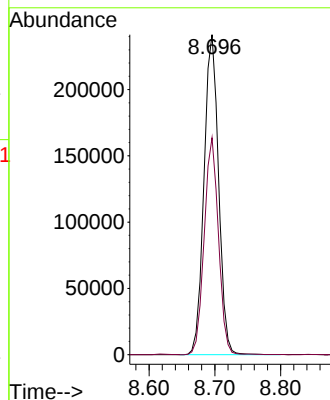
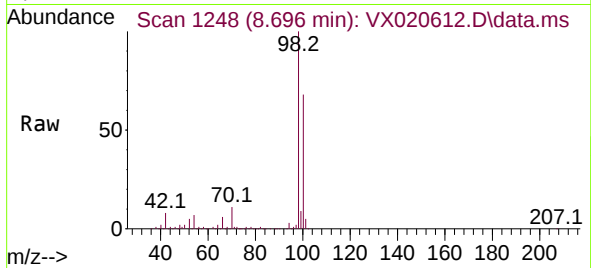




#50
Toluene-d8
Concen: 49.09 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

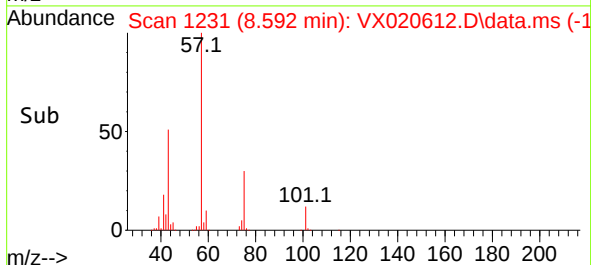
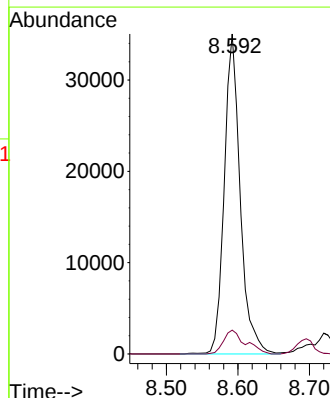
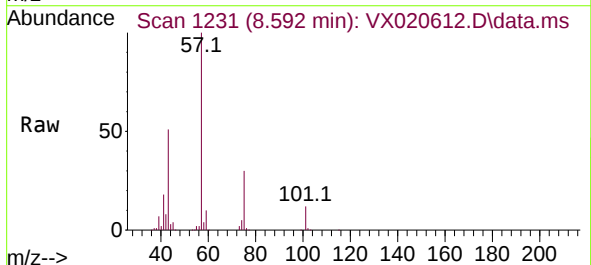
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#01

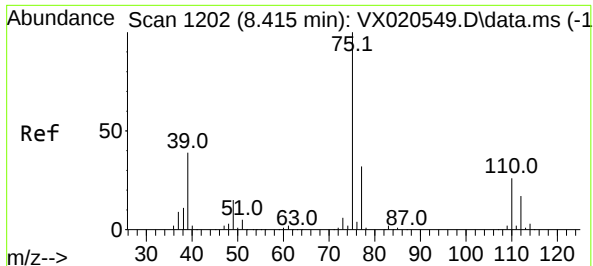
Tgt Ion: 98 Resp: 371702
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 22.28 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.030 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

Tgt Ion: 43 Resp: 54300
Ion Ratio Lower Upper
43 100
58 10.2 35.4 53.0#

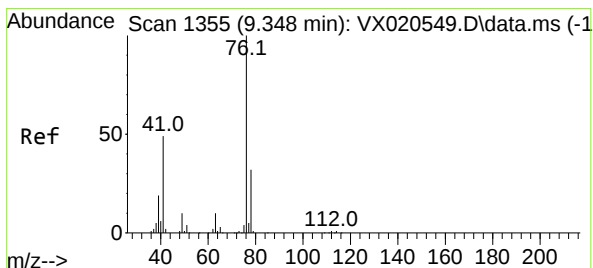
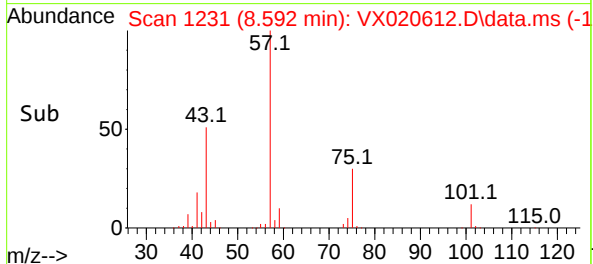
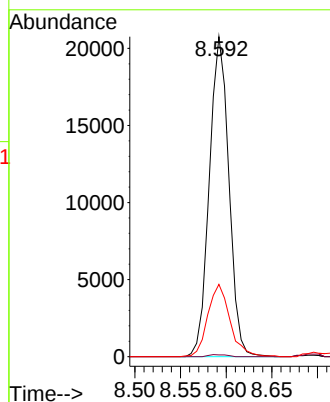
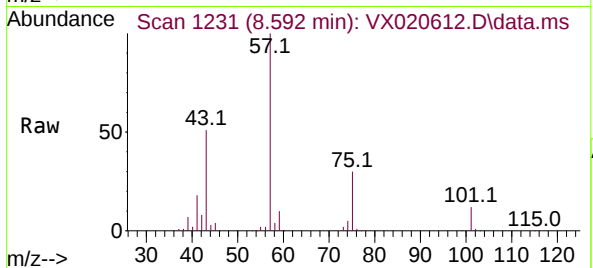




#54
 cis-1,3-Dichloropropene
 Concen: 8.89 ug/l
 RT: 8.592 min Scan# 1231
 Delta R.T. 0.177 min
 Lab File: VX020612.D
 Acq: 14 Jan 2021 15:03

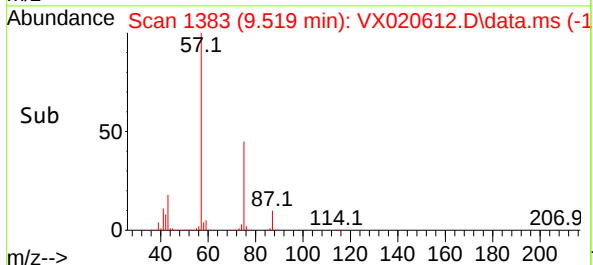
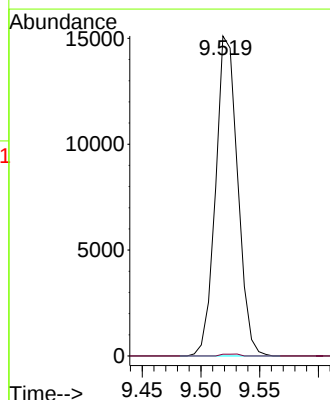
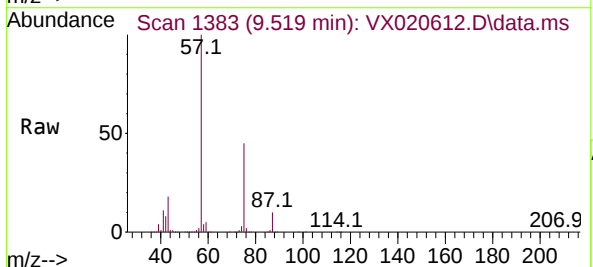
Instrument :
 MSVOA_X
 ClientSampleId :
 PB134118ZHE#01

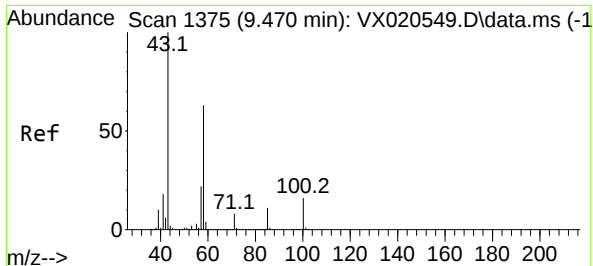
Tgt Ion: 75 Resp: 30913
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.7 38.5#
 39 22.6 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 5.39 ug/l
 RT: 9.519 min Scan# 1383
 Delta R.T. 0.171 min
 Lab File: VX020612.D
 Acq: 14 Jan 2021 15:03

Tgt Ion: 76 Resp: 19742
 Ion Ratio Lower Upper
 76 100
 78 0.5 26.2 39.2#

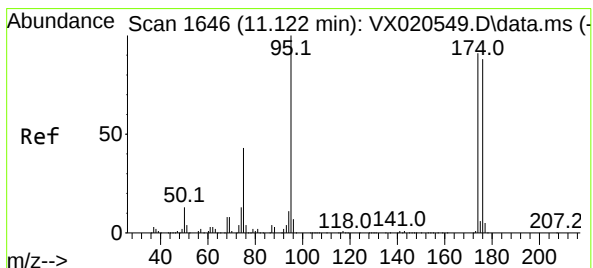
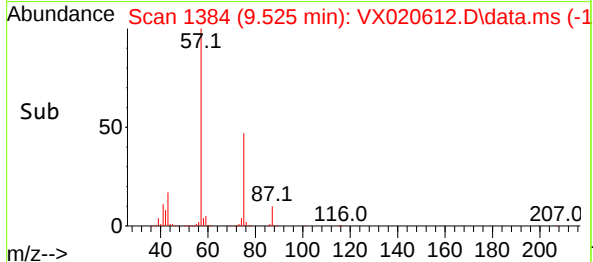
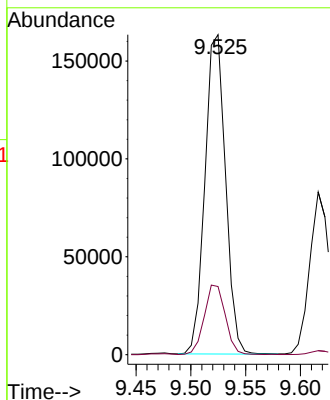
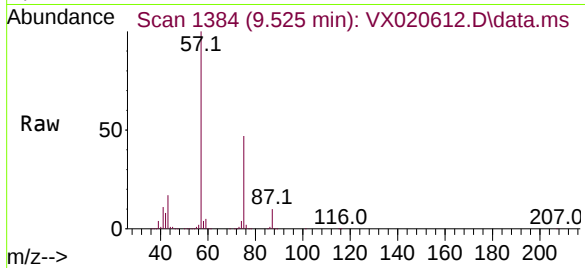




#59
2-Hexanone
Concen: 116.79 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

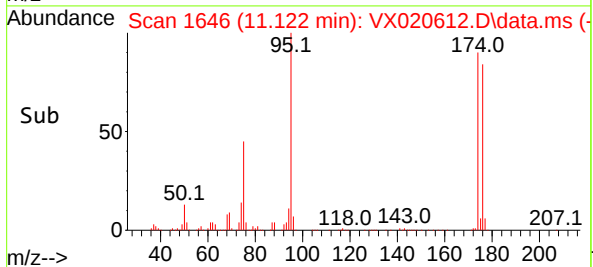
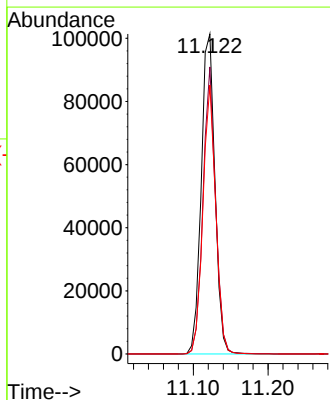
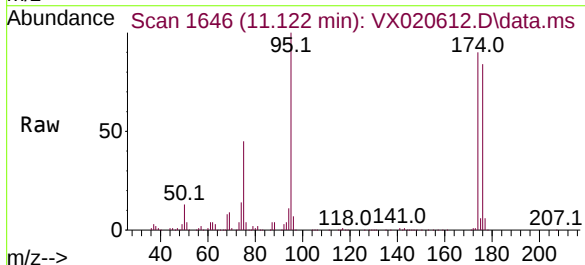
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#01

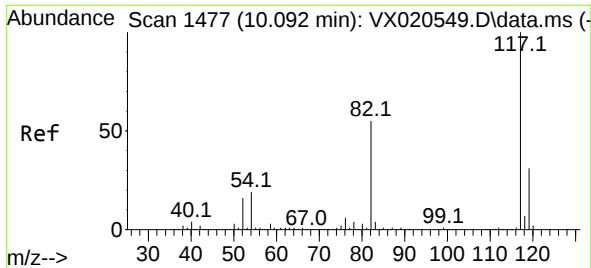
Tgt Ion: 43 Resp: 213396
Ion Ratio Lower Upper
43 100
58 22.3 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.19 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

Tgt Ion: 95 Resp: 128864
Ion Ratio Lower Upper
95 100
174 82.1 0.0 154.6
176 79.1 0.0 155.8

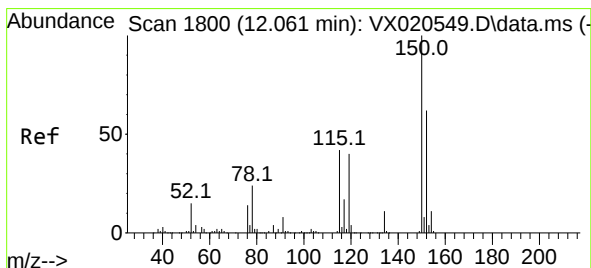
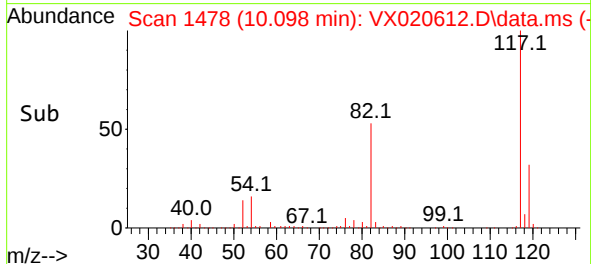
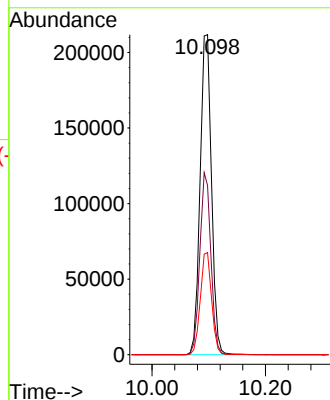
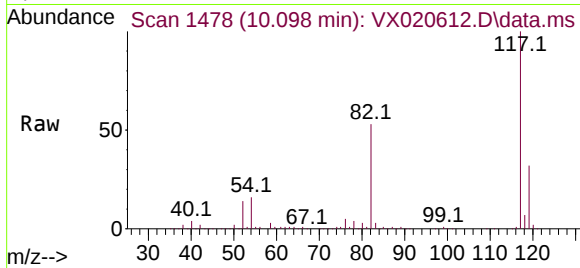




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

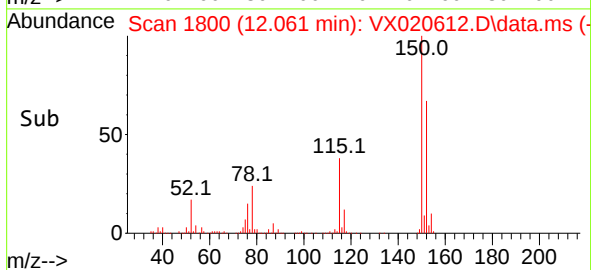
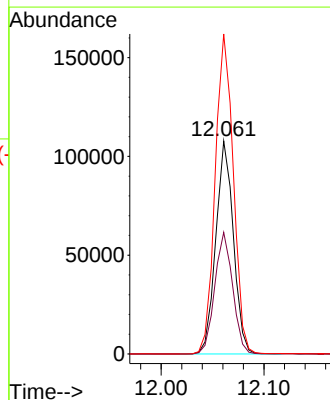
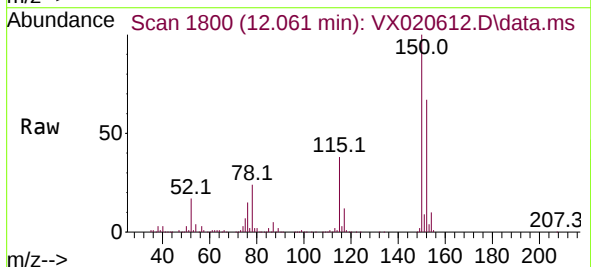
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#01

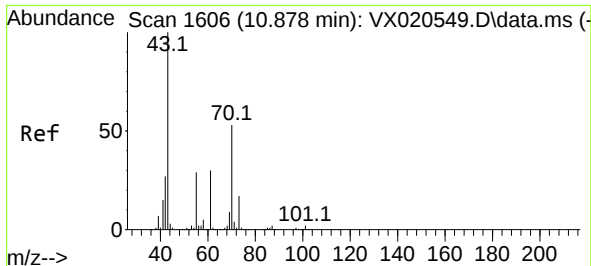
Tgt Ion:117 Resp: 294879
Ion Ratio Lower Upper
117 100
82 52.9 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

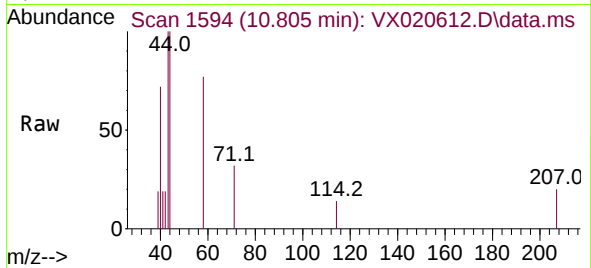
Tgt Ion:152 Resp: 127758
Ion Ratio Lower Upper
152 100
115 58.1 41.1 123.3
150 155.2 0.0 349.0



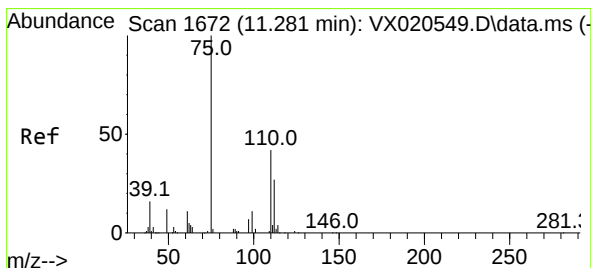
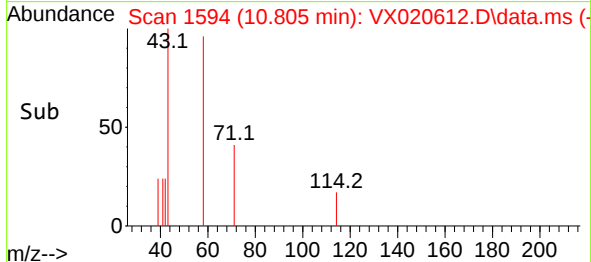
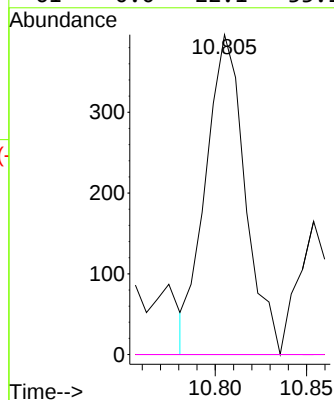


#74
N-amy1 acetate
Concen: 1.43 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.073 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#01

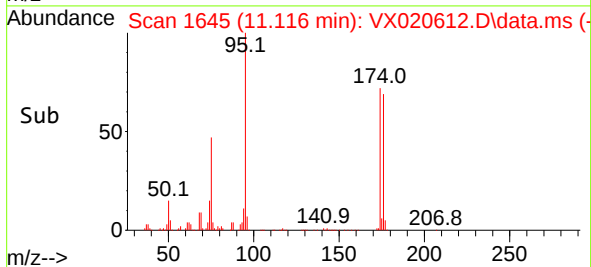
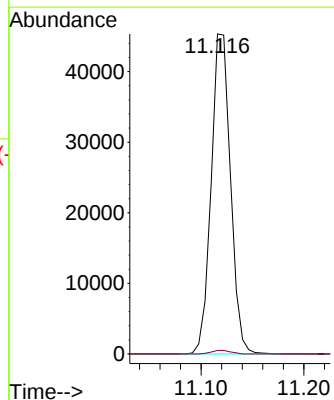
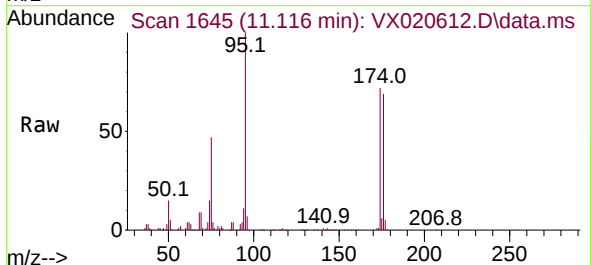


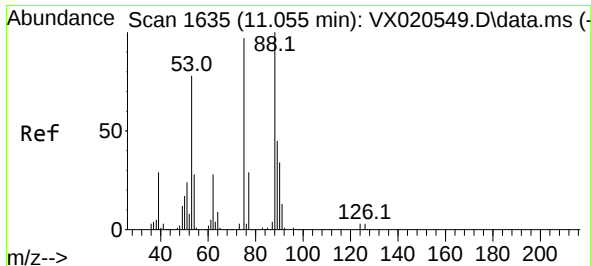
Tgt Ion: 43	Resp: 596
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 22.01 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

Tgt Ion: 75	Resp: 59235
Ion Ratio	Lower Upper
75	100
77	1.1 19.1 57.5#

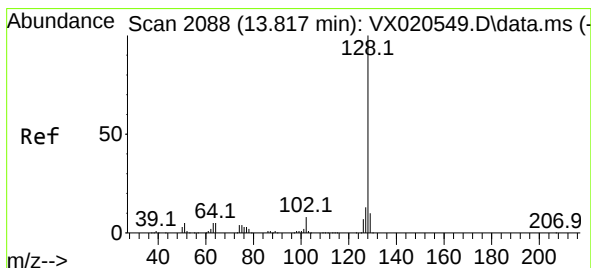
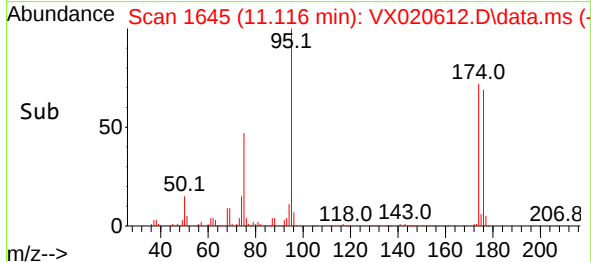
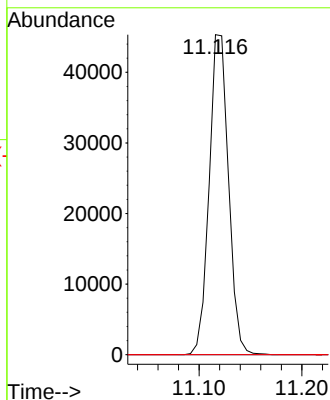
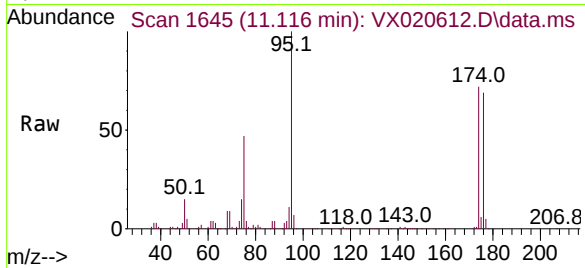




#81
trans-1,4-Dichloro-2-butene
Concen: 59.97 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#01

Tgt Ion: 75 Resp: 59235
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. -0.000 min
Lab File: VX020612.D
Acq: 14 Jan 2021 15:03

Tgt Ion: 128 Resp: 192
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

