

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020611.D
 Acq On : 14 Jan 2021 14:40
 Operator : JC/MD
 Sample : PB134118TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB134118TB

Quant Time: Jan 15 05:10:39 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)

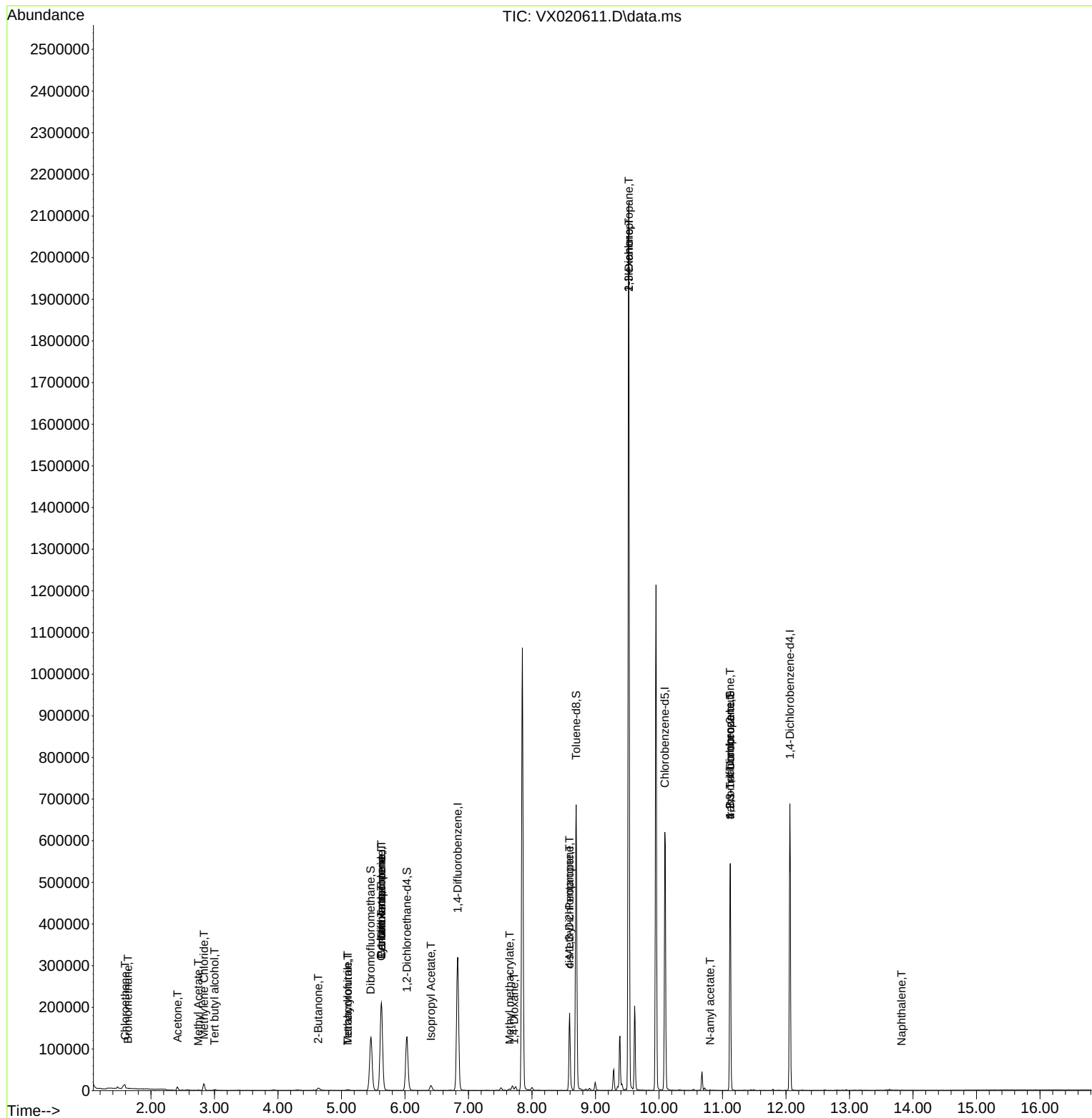
Internal Standards						
1) Pentafluorobenzene	5.629	168	207380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	333962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	304670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	143528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	125265	50.29	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.58%			
35) Dibromofluoromethane	5.458	113	111122	48.02	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.04%			
50) Toluene-d8	8.696	98	418643	50.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.12%			
62) 4-Bromofluorobenzene	11.122	95	151774	51.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.82%			
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	401	0.27	ug/l #	74
6) Chloroethane	1.593	64	86	0.48	ug/l #	43
11) Tert butyl alcohol	3.002	59	2211	2.60	ug/l	97
16) Acetone	2.416	43	8480	6.12	ug/l	97
18) Methyl Acetate	2.746	43	900	0.41	ug/l #	89
20) Methylene Chloride	2.837	84	7561	3.21	ug/l	95
25) 2-Butanone	4.635	43	4266	3.17	ug/l #	80
29) Tetrahydrofuran	5.099	42	1287	1.57	ug/l	96
31) Cyclohexane	5.623	56	3385	1.16	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	14146	4.64	ug/l #	49
38) Carbon Tetrachloride	5.629	117	19856	5.58	ug/l #	16
41) Methacrylonitrile	5.099	41	962	0.66	ug/l #	41
43) Isopropyl Acetate	6.409	43	15038	3.50	ug/l	100
48) Methyl methacrylate	7.647	41	4590	2.20	ug/l #	10
49) 1,4-Dioxane	7.720	88	24	0.46	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	52658	19.76	ug/l #	48
54) cis-1,3-Dichloropropene	8.592	75	30930	8.13	ug/l #	57
57) 1,3-Dichloropropane	9.525	76	19831	4.95	ug/l #	42
59) 2-Hexanone	9.525	43	220329	110.28	ug/l #	48
74) N-amyl acetate	10.805	43	699	1.44	ug/l #	41
76) 1,2,3-Trichloropropane	11.122	75	69660	23.04	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	69660	62.77	ug/l #	12
95) Naphthalene	13.817	128	449	3.88	ug/l #	69

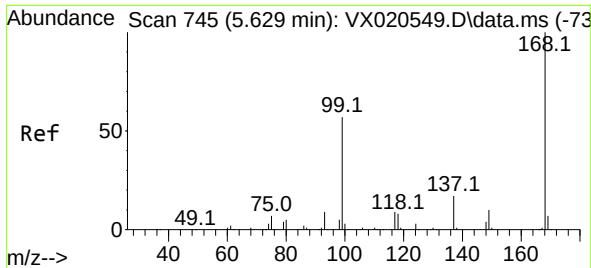
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
Data File : VX020611.D
Acq On : 14 Jan 2021 14:40
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Instrument :
MSVOA_X
ClientSampleId :
PB134118TB

Quant Time: Jan 15 05:10:39 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

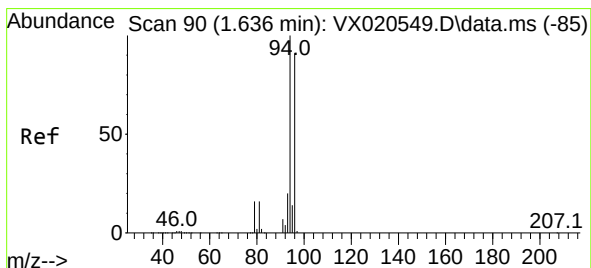
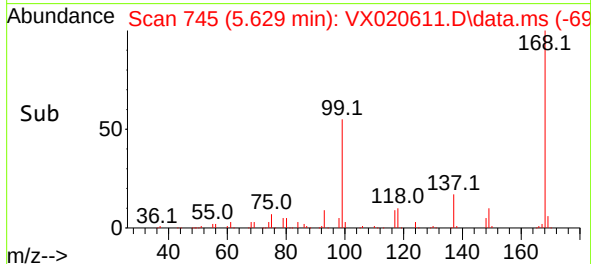
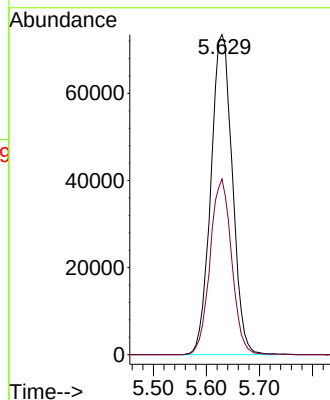
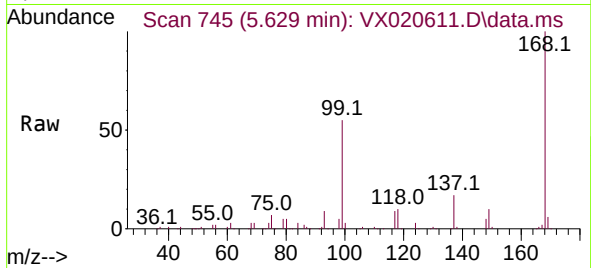




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

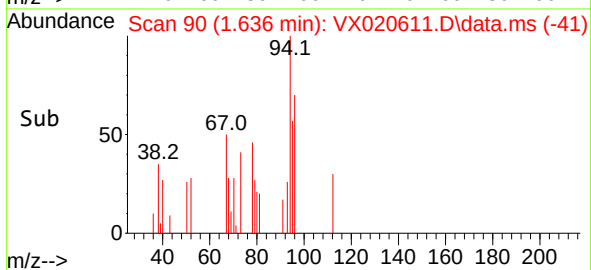
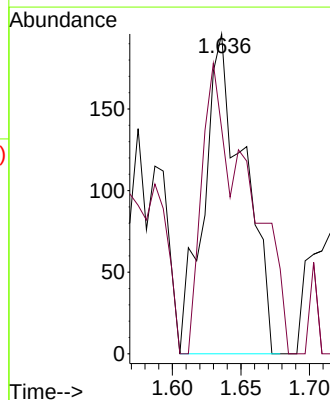
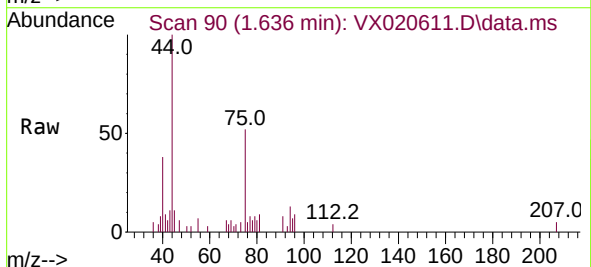
Instrument :
MSVOA_X
ClientSampleId :
PB134118TB

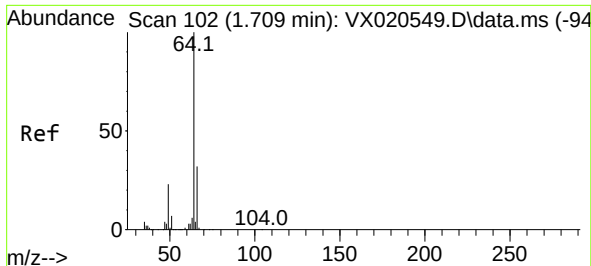
Tgt Ion:168 Resp: 207380
Ion Ratio Lower Upper
168 100
99 54.9 45.8 68.6



#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.000 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

Tgt Ion: 94 Resp: 401
Ion Ratio Lower Upper
94 100
96 70.4 76.4 114.6#

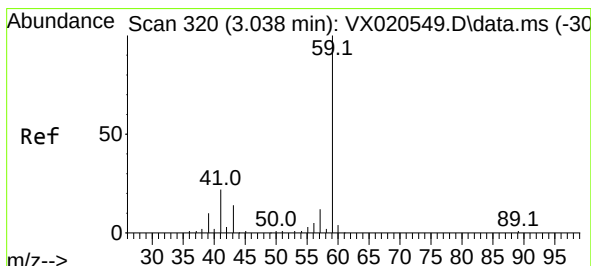
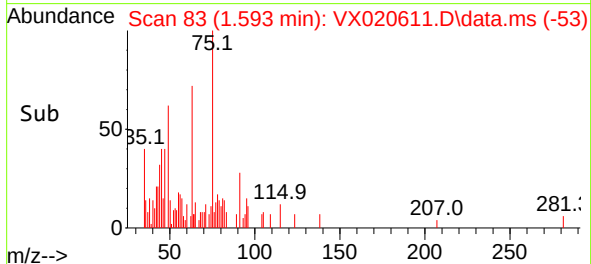
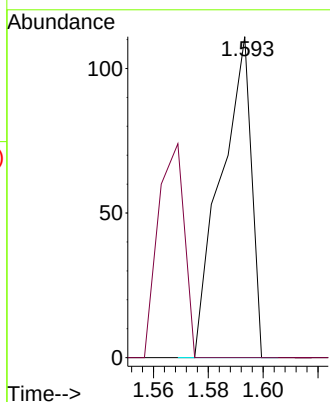
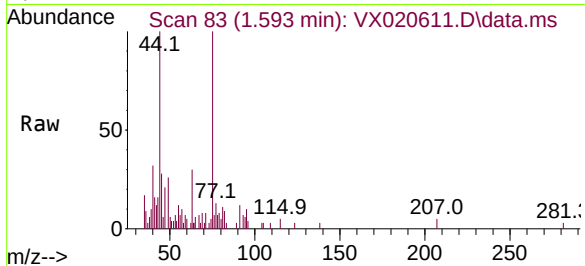




#6
Chloroethane
Concen: 0.48 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.116 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

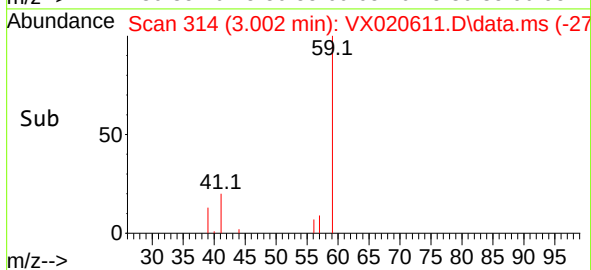
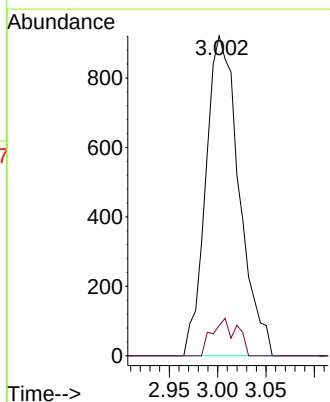
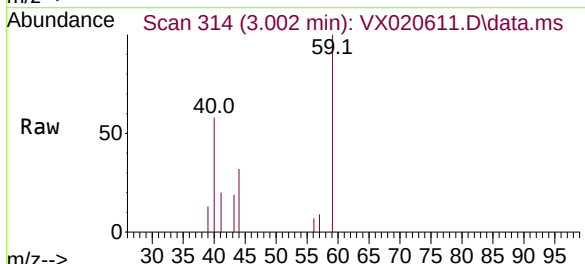
Instrument :
MSVOA_X
ClientSampleId :
PB134118TB

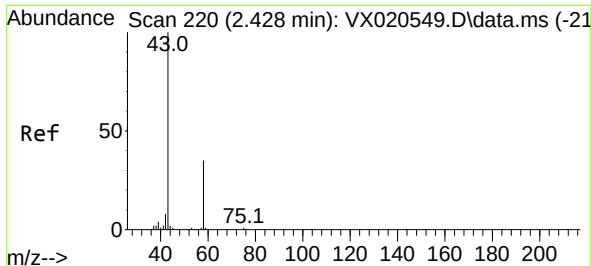
Tgt Ion: 64 Resp: 86
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 2.60 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.036 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

Tgt Ion: 59 Resp: 2211
Ion Ratio Lower Upper
59 100
57 8.8 7.8 11.8

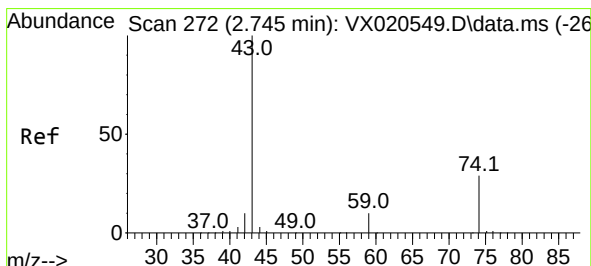
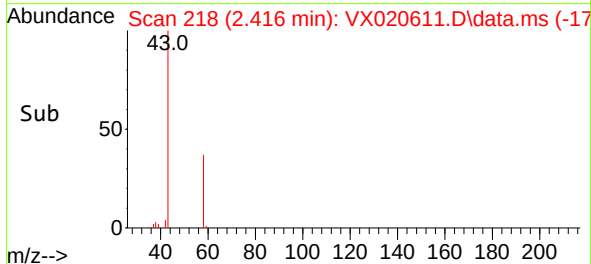
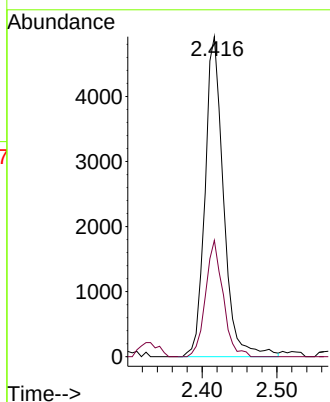
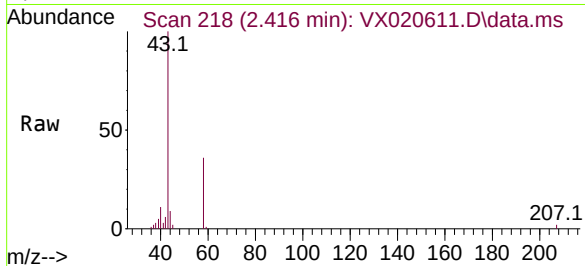




#16
Acetone
Concen: 6.12 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

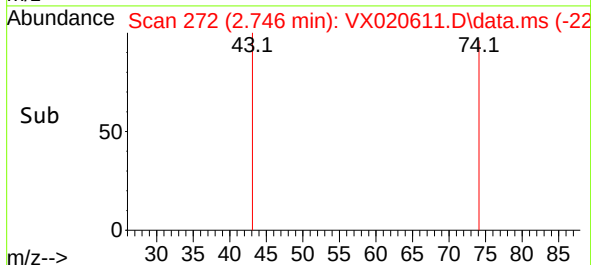
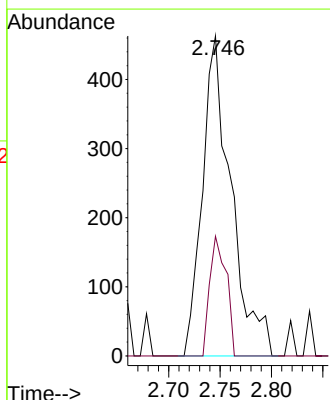
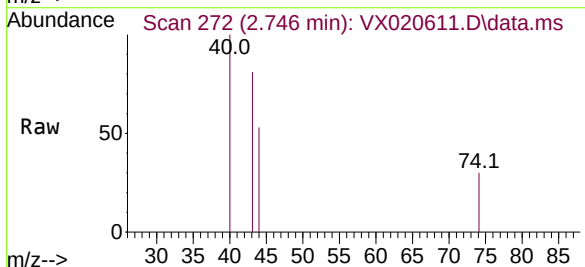
Instrument :
MSVOA_X
ClientSampleId :
PB134118TB

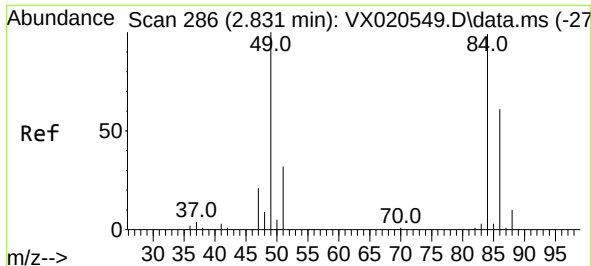
Tgt Ion: 43 Resp: 8480
Ion Ratio Lower Upper
43 100
58 36.3 27.8 41.8



#18
Methyl Acetate
Concen: 0.41 ug/l
RT: 2.746 min Scan# 272
Delta R.T. 0.001 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
74 21.6 21.9 32.9#

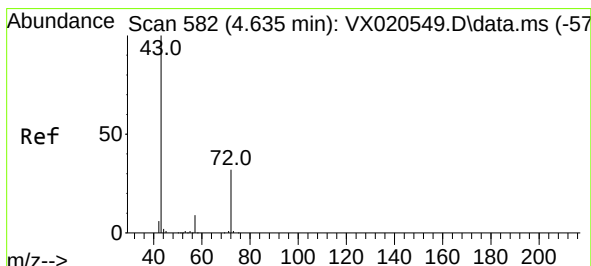
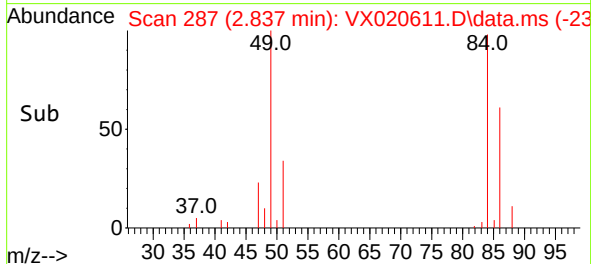
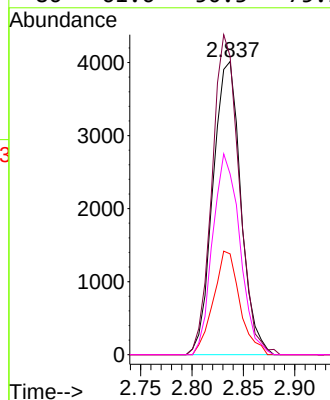
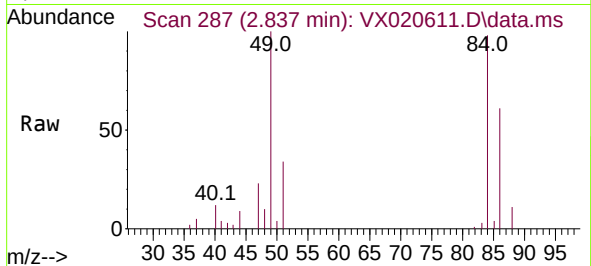




#20
Methylene Chloride
Concen: 3.21 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

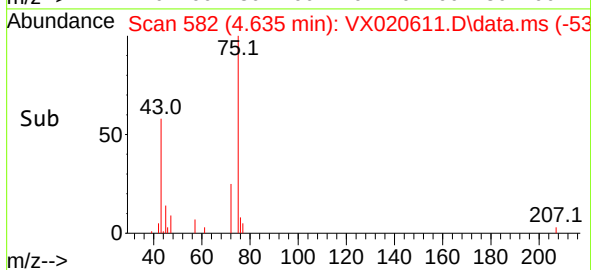
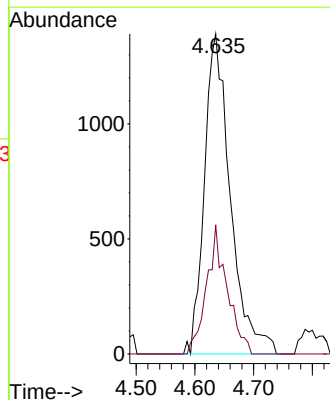
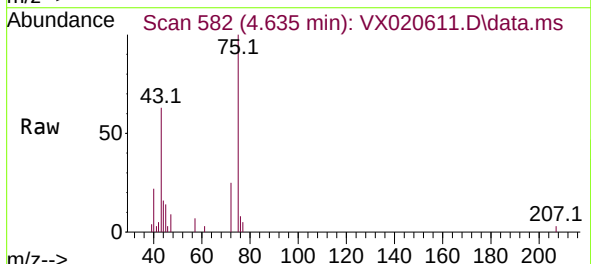
Instrument :
MSVOA_X
ClientSampleId :
PB134118TB

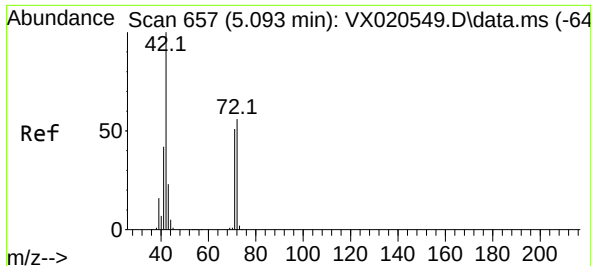
Tgt Ion: 84	Resp: 7561
Ion Ratio	Lower Upper
84 100	
49 101.8	88.6 132.8
51 34.4	27.0 40.6
86 61.6	50.3 75.5



#25
2-Butanone
Concen: 3.17 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.000 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

Tgt Ion: 43	Resp: 4266
Ion Ratio	Lower Upper
43 100	
72 40.3	23.7 35.5#





#29

Tetrahydrofuran

Concen: 1.57 ug/l

RT: 5.099 min Scan# 658

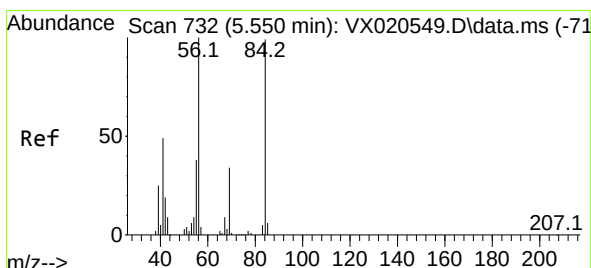
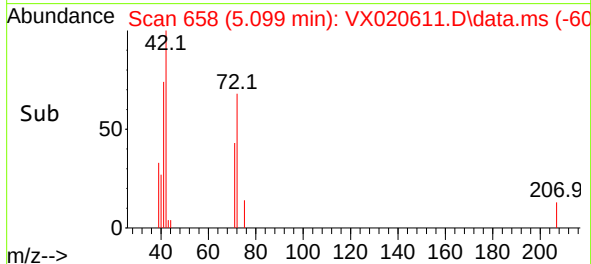
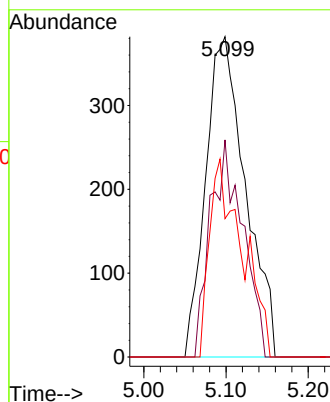
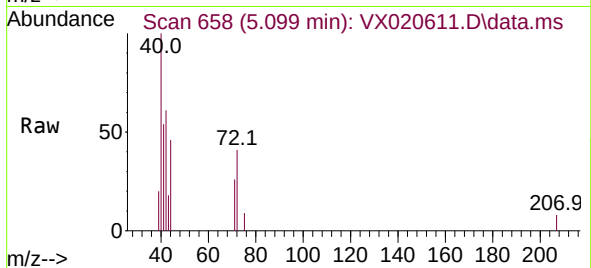
Delta R.T. 0.006 min

Lab File: VX020611.D

Acq: 14 Jan 2021 14:40

Tgt Ion:	42	Resp:	1287
Ion	Ratio	Lower	Upper
42	100		
72	55.4	41.7	62.5
71	50.7	38.4	57.6

Instrument :
MSVOA_X
ClientSampleId :
PB134118TB



#31

Cyclohexane

Concen: 1.16 ug/l

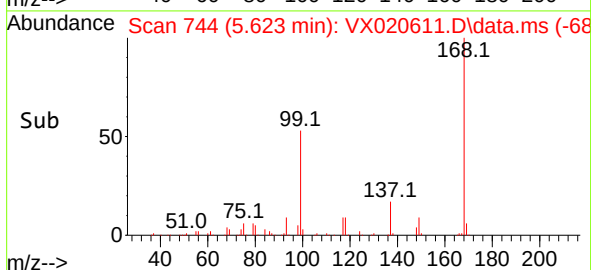
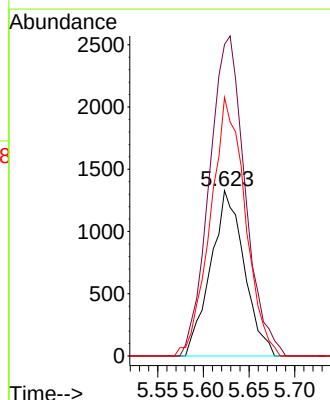
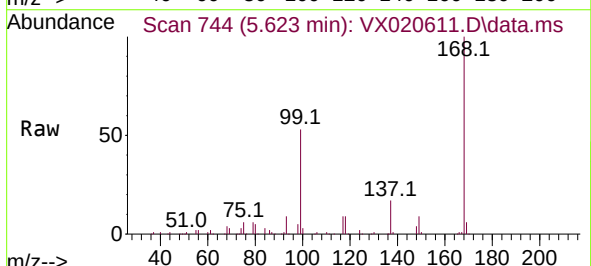
RT: 5.623 min Scan# 744

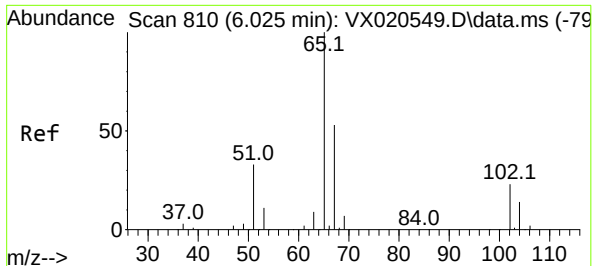
Delta R.T. 0.073 min

Lab File: VX020611.D

Acq: 14 Jan 2021 14:40

Tgt Ion:	56	Resp:	3385
Ion	Ratio	Lower	Upper
56	100		
69	188.5	25.3	37.9#
84	156.5	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.29 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020611.D

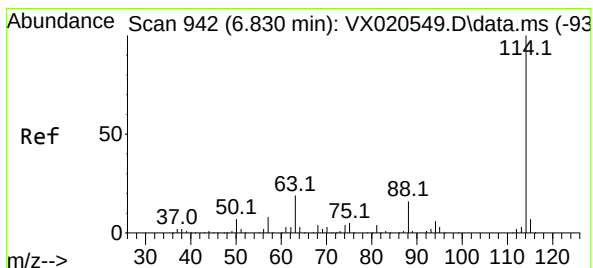
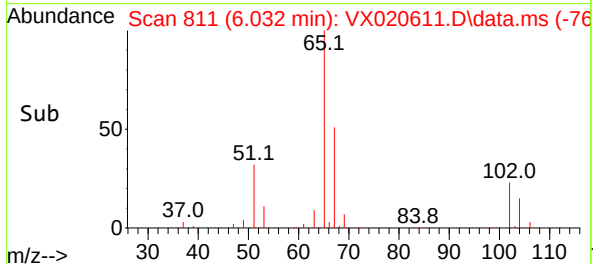
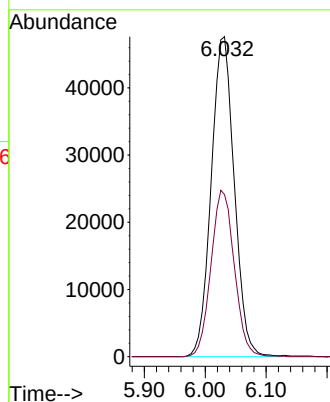
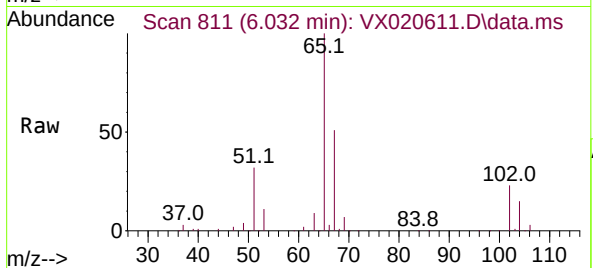
Acq: 14 Jan 2021 14:40

Tgt Ion: 65 Resp: 125265

Ion Ratio Lower Upper

65 100

67 52.5 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: VX020611.D

Acq: 14 Jan 2021 14:40

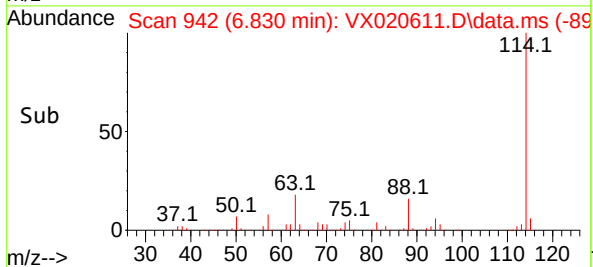
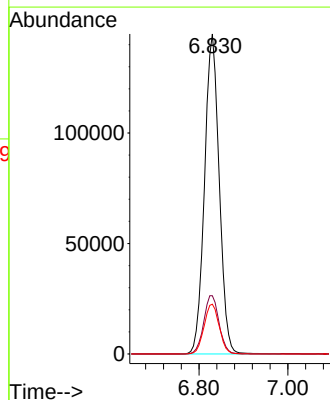
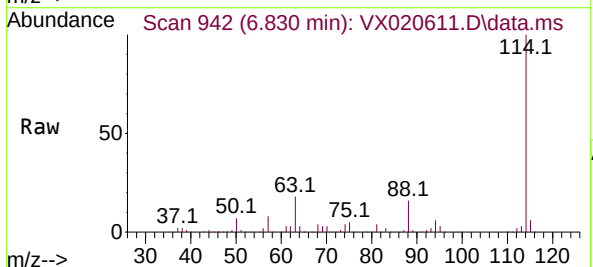
Tgt Ion: 114 Resp: 333962

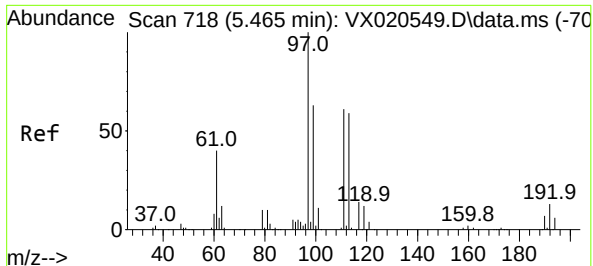
Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.8

88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.02 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.007 min

Lab File: VX020611.D

Acq: 14 Jan 2021 14:40

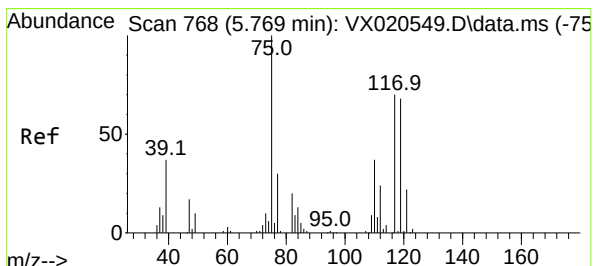
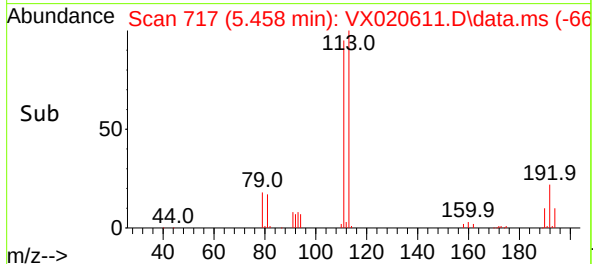
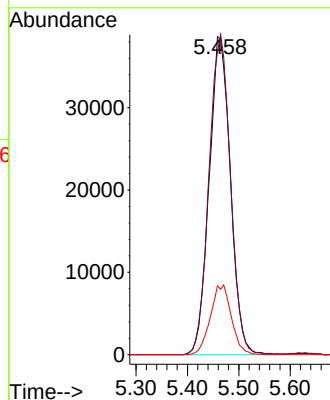
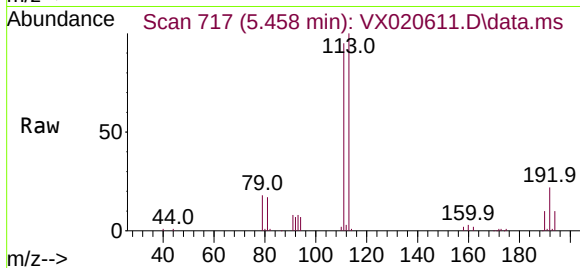
Tgt Ion:113 Resp: 111122

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

192 21.7 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.64 ug/l

RT: 5.629 min Scan# 745

Delta R.T. -0.140 min

Lab File: VX020611.D

Acq: 14 Jan 2021 14:40

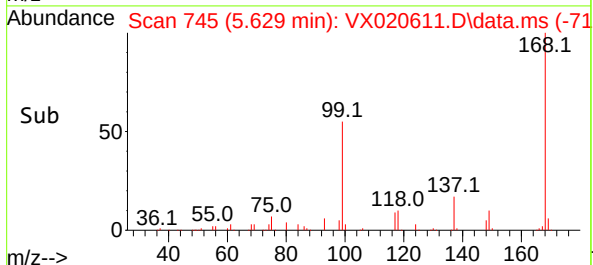
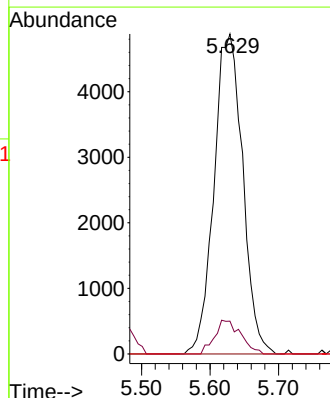
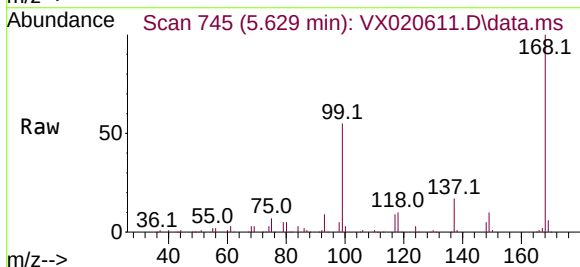
Tgt Ion: 75 Resp: 14146

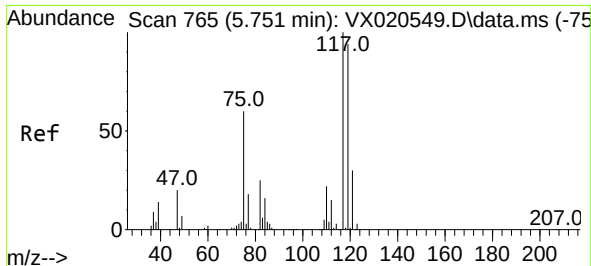
Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

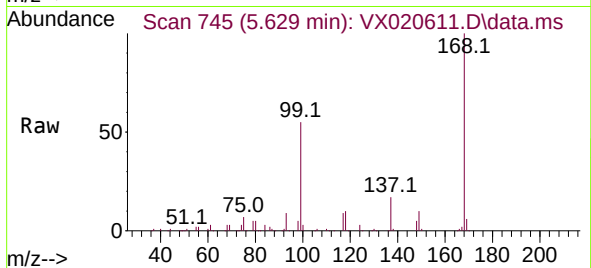
77 0.0 25.3 37.9#



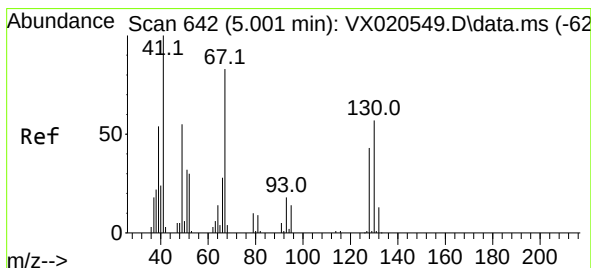
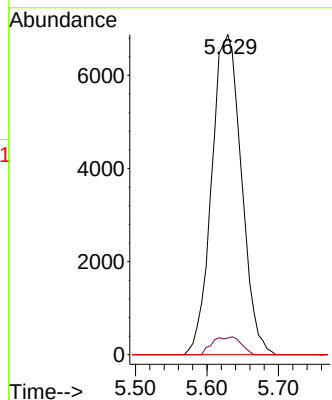
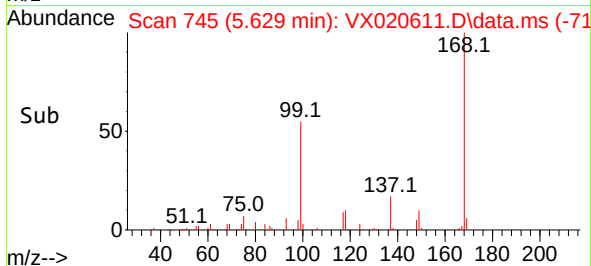


#38
Carbon Tetrachloride
Concen: 5.58 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

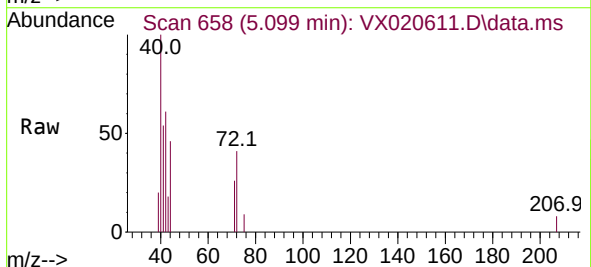
Instrument :
MSVOA_X
ClientSampleId :
PB134118TB



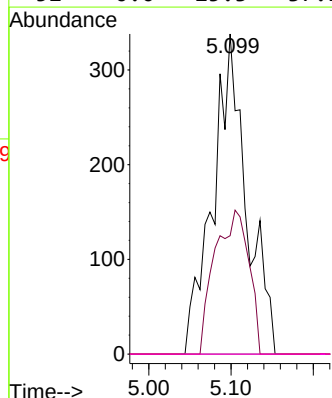
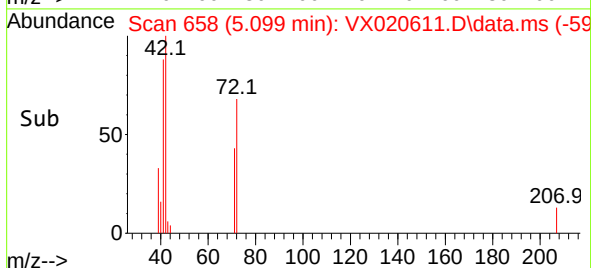
Tgt Ion: 117 Resp: 19856
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

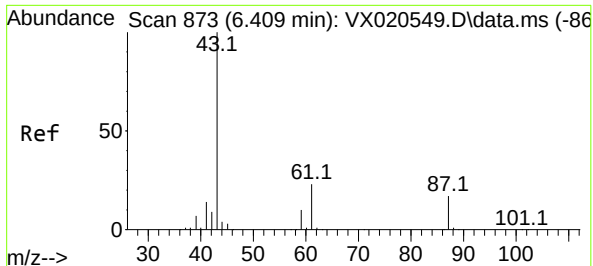


#41
Methacrylonitrile
Concen: 0.66 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.098 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40



Tgt Ion: 41 Resp: 962
Ion Ratio Lower Upper
41 100
39 45.3 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

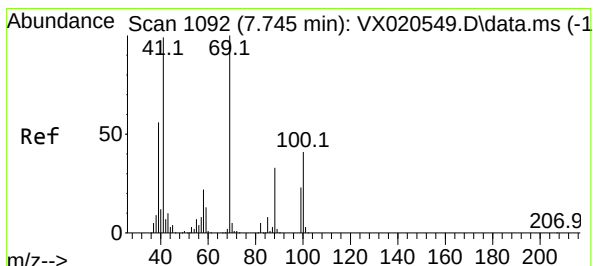
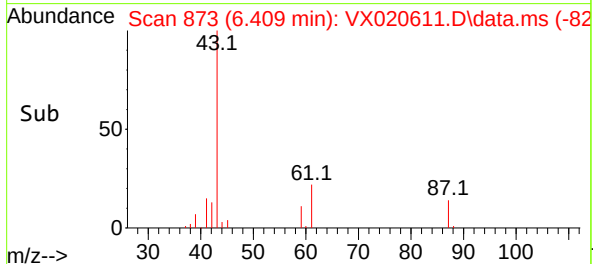
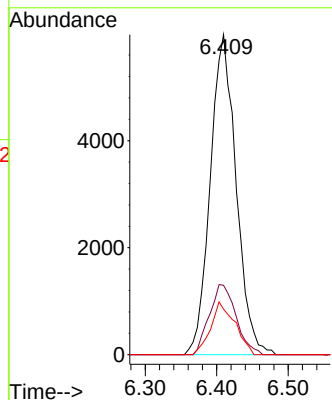
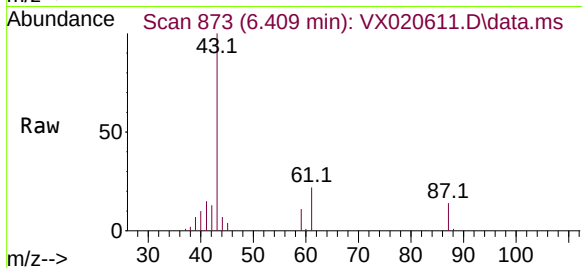




#43
Isopropyl Acetate
Concen: 3.50 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.000 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

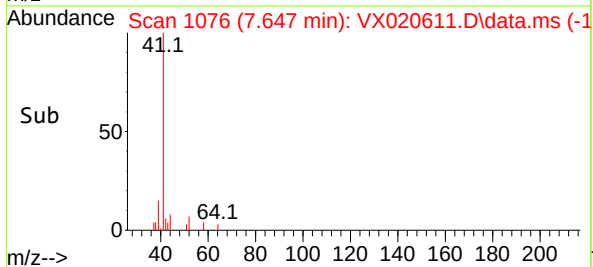
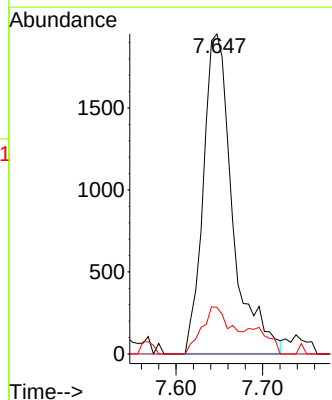
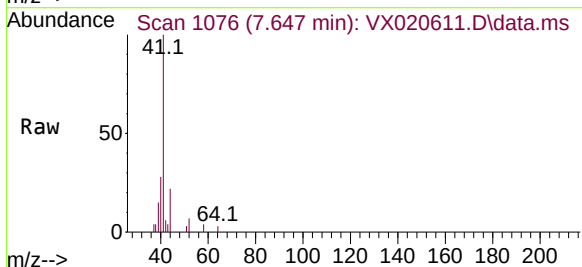
Instrument :
MSVOA_X
ClientSampleId :
PB134118TB

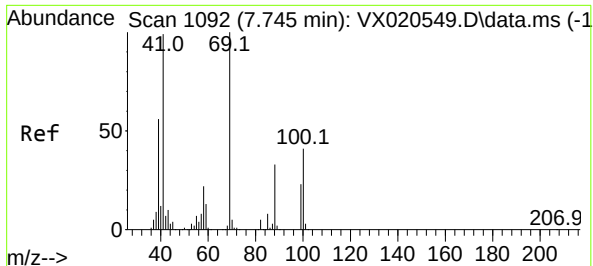
Tgt Ion:	43	Resp:	15038
Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.2	27.4
87	15.4	12.5	18.7



#48
Methyl methacrylate
Concen: 2.20 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.098 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

Tgt Ion:	41	Resp:	4590
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: 0.46 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. -0.025 min

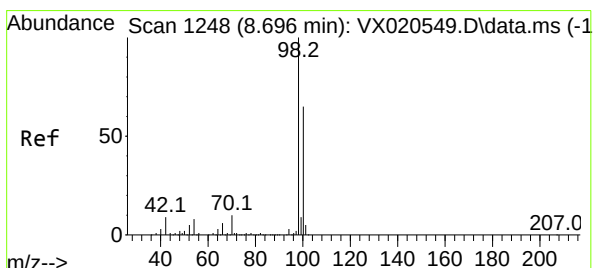
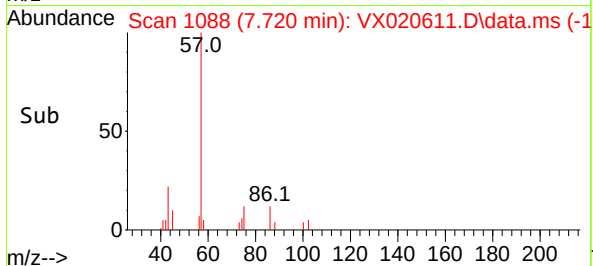
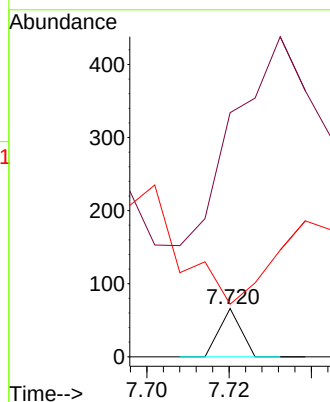
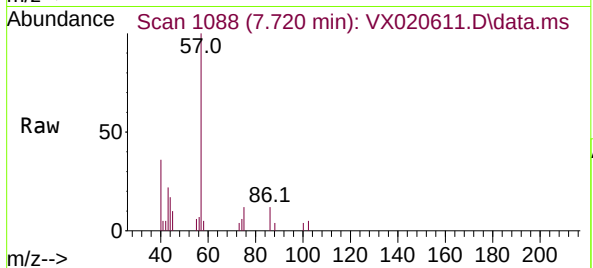
Lab File: VX020611.D

Acq: 14 Jan 2021 14:40

Tgt Ion: 88 Resp: 24

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	1208.3	55.0	82.4#

Instrument :
MSVOA_X
ClientSampleId :
PB134118TB



#50

Toluene-d8

Concen: 50.56 ug/l

RT: 8.696 min Scan# 1248

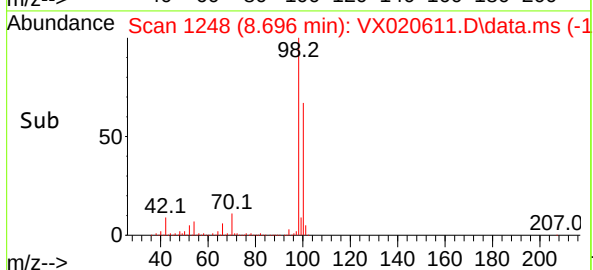
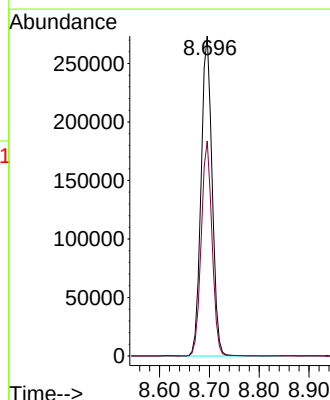
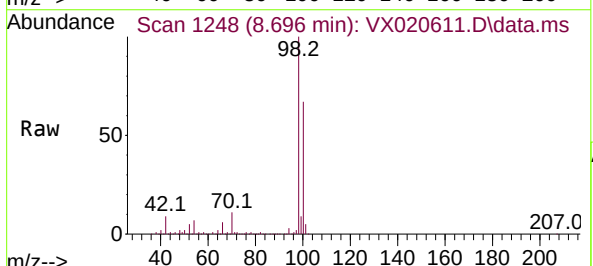
Delta R.T. -0.000 min

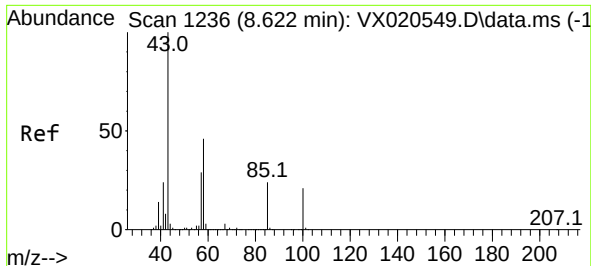
Lab File: VX020611.D

Acq: 14 Jan 2021 14:40

Tgt Ion: 98 Resp: 418643

Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.9	77.9

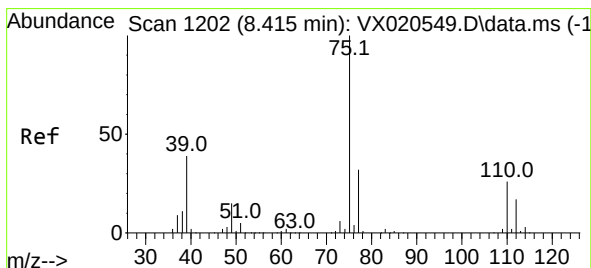
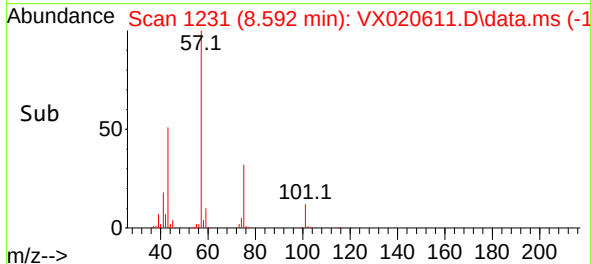
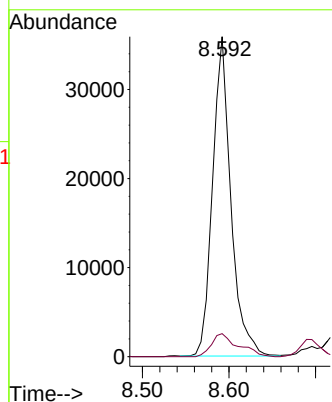
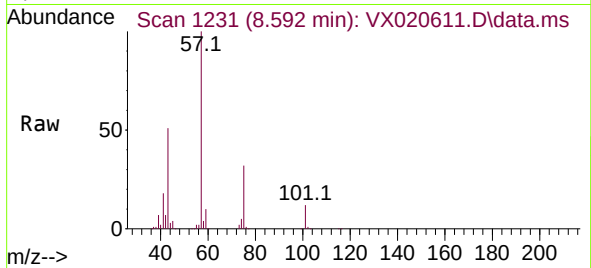




#51
4-Methyl-2-Pentanone
Concen: 19.76 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.030 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

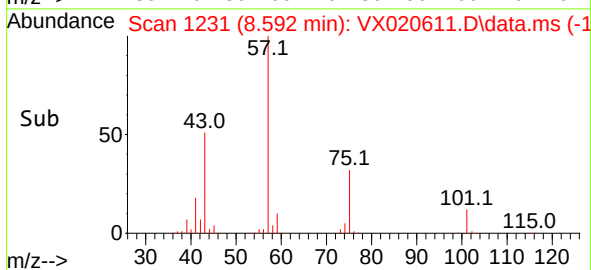
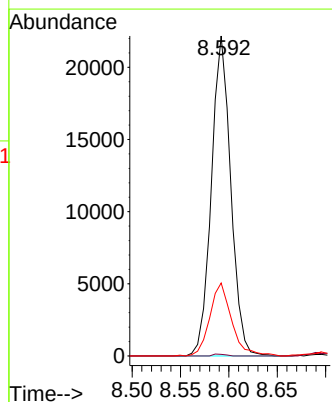
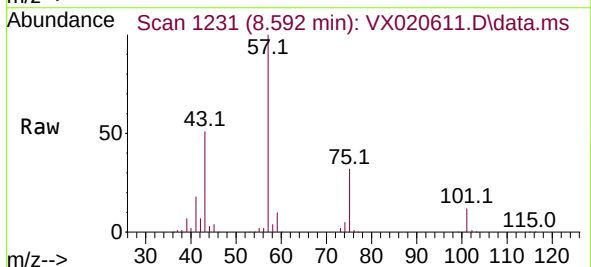
Instrument :
MSVOA_X
ClientSampleId :
PB134118TB

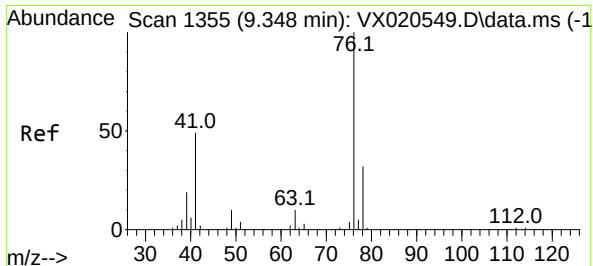
Tgt Ion: 43 Resp: 52658
Ion Ratio Lower Upper
43 100
58 10.5 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 8.13 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.177 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

Tgt Ion: 75 Resp: 30930
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 22.8 35.1 52.7#



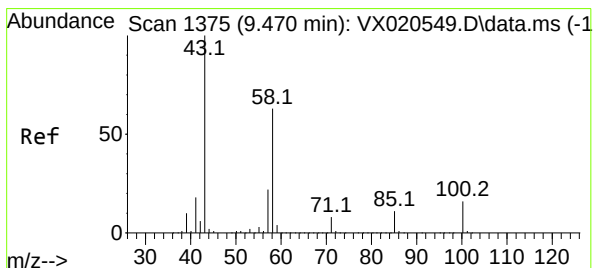
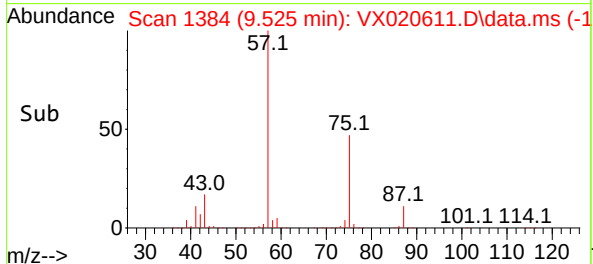
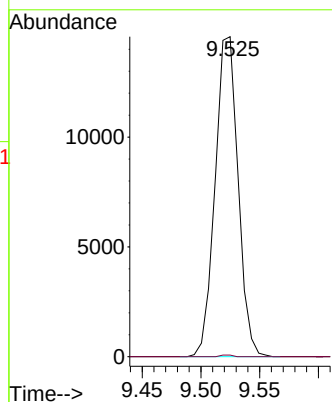
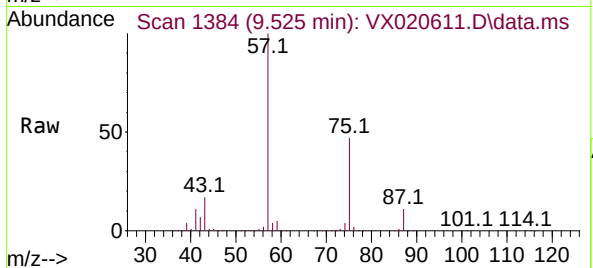


#57

1,3-Dichloropropane
Concen: 4.95 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

Instrument :
MSVOA_X
ClientSampleId :
PB134118TB

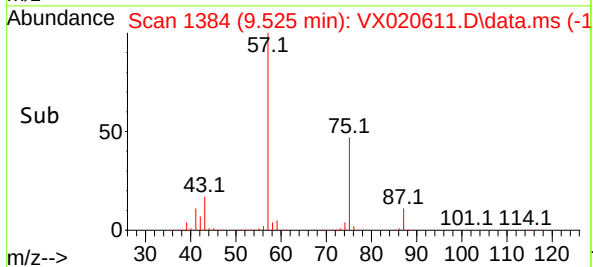
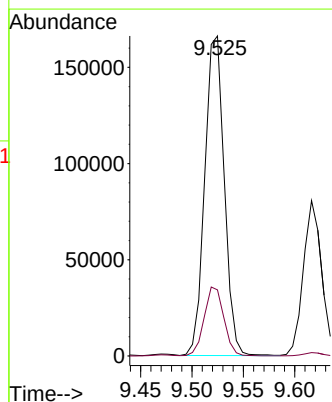
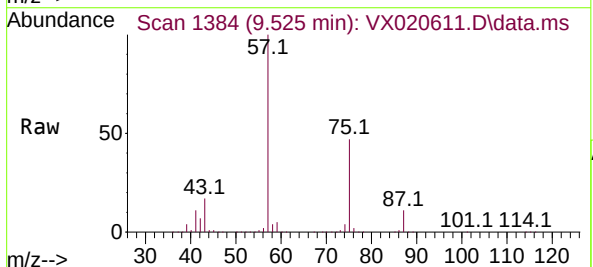
Tgt Ion: 76 Resp: 19831
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

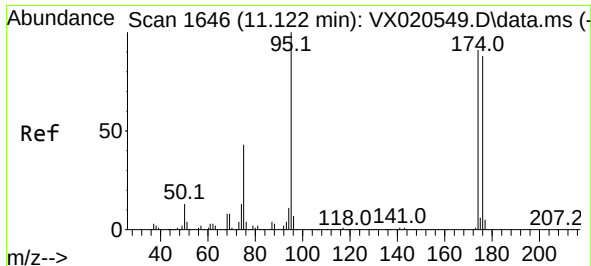


#59

2-Hexanone
Concen: 110.28 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

Tgt Ion: 43 Resp: 220329
Ion Ratio Lower Upper
43 100
58 21.7 30.9 92.8#

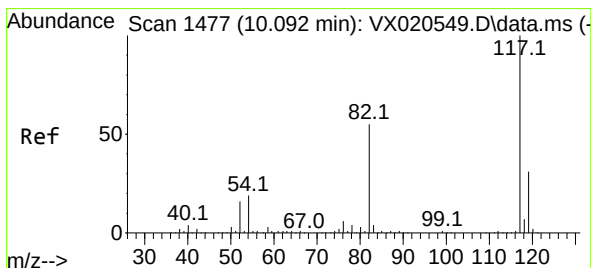
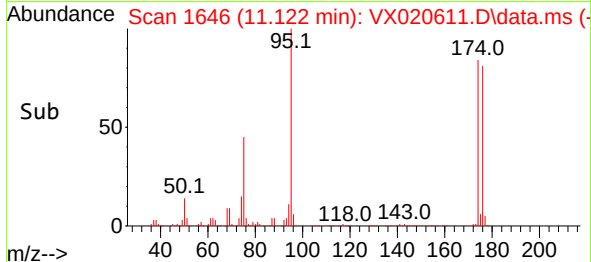
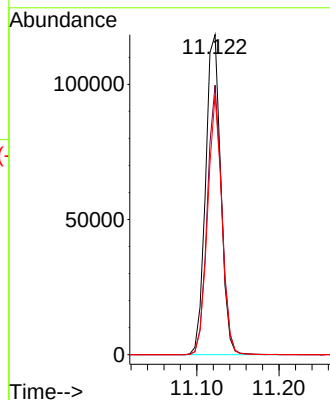
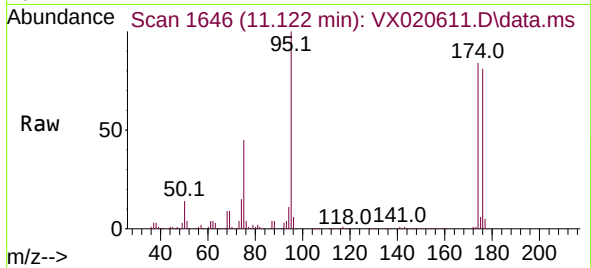




#62
4-Bromofluorobenzene
Concen: 51.91 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

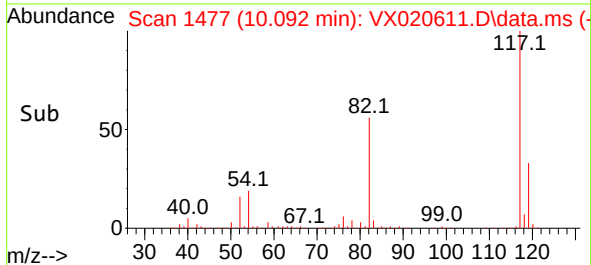
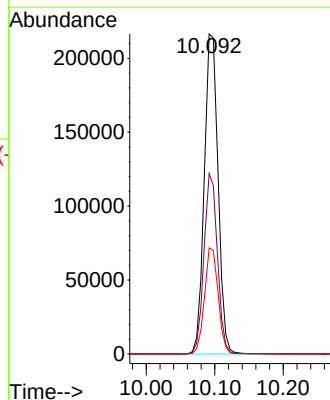
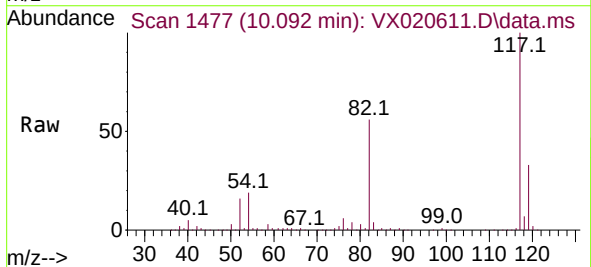
Instrument :
MSVOA_X
ClientSampleId :
PB134118TB

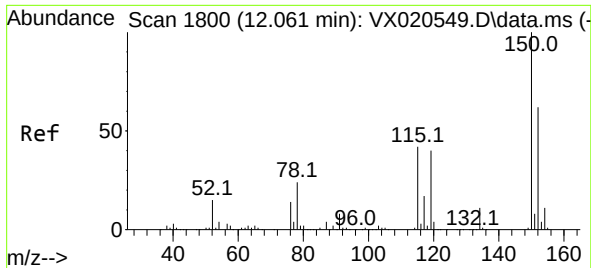
Tgt Ion: 95 Resp: 151774
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 76.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

Tgt Ion: 117 Resp: 304670
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 33.1 26.6 39.8

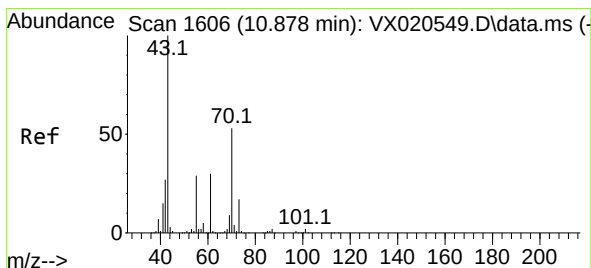
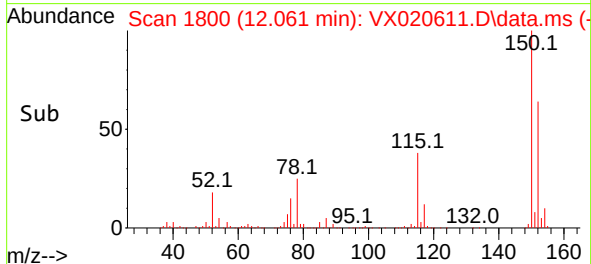
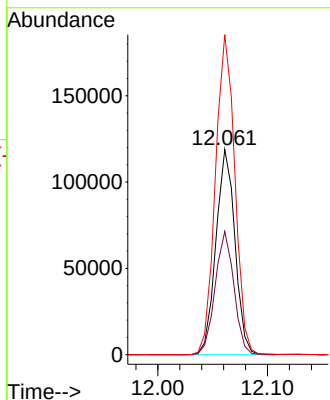
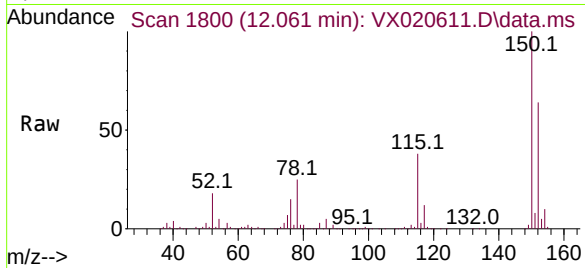




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

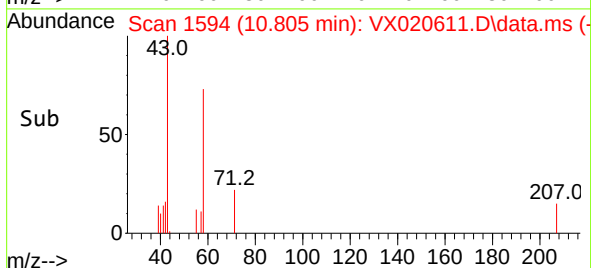
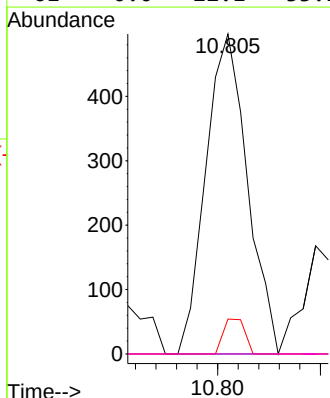
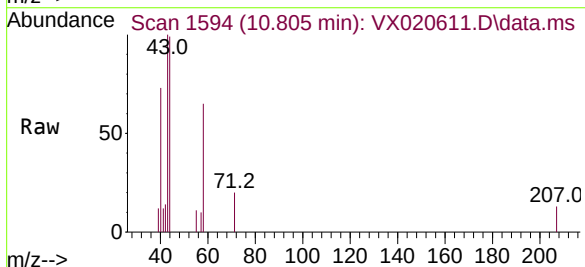
Instrument :
MSVOA_X
ClientSampleId :
PB134118TB

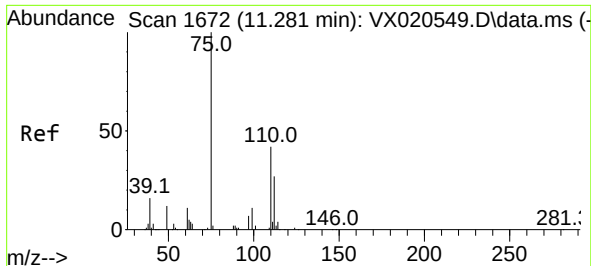
Tgt Ion:152 Resp: 143528
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 159.3 0.0 349.0



#74
N-ethyl acetate
Concen: 1.44 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.073 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 5.6 21.5 32.3#
61 0.0 22.1 33.1#

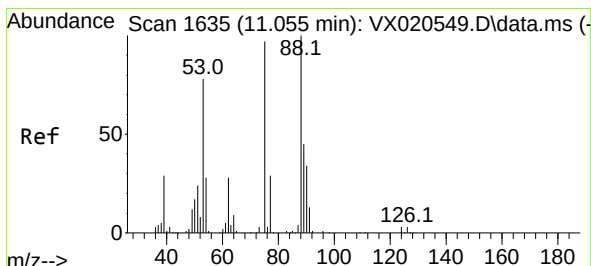
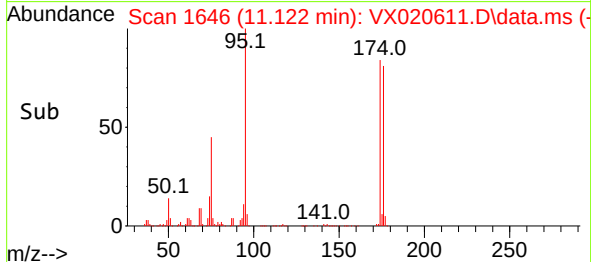
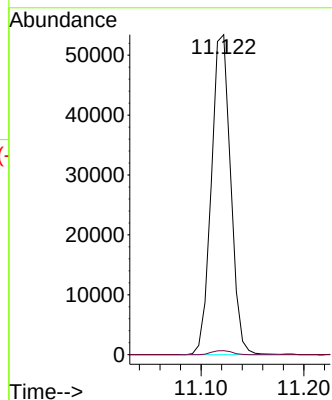
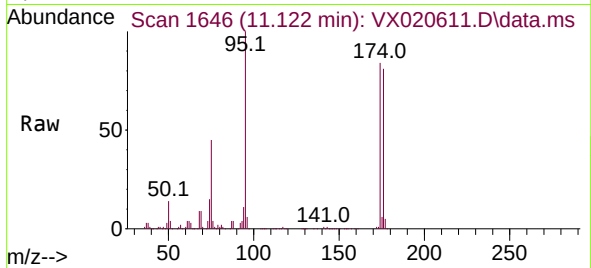




#76
1,2,3-Trichloropropane
Concen: 23.04 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

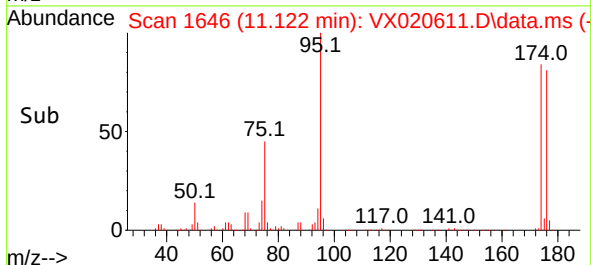
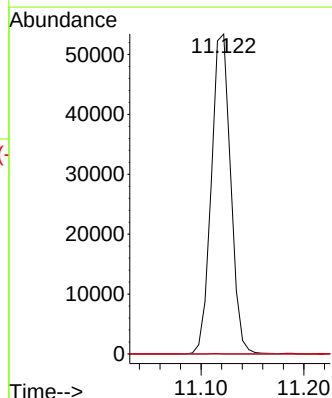
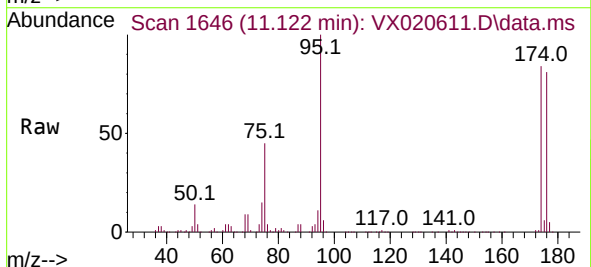
Instrument :
MSVOA_X
ClientSampleId :
PB134118TB

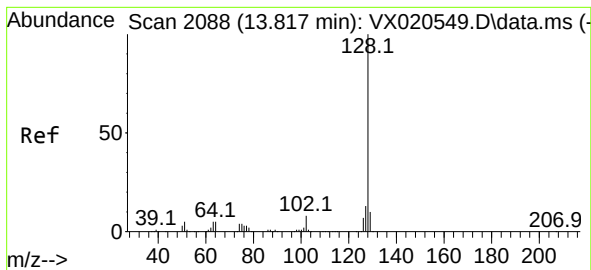
Tgt Ion: 75 Resp: 69660
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.77 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

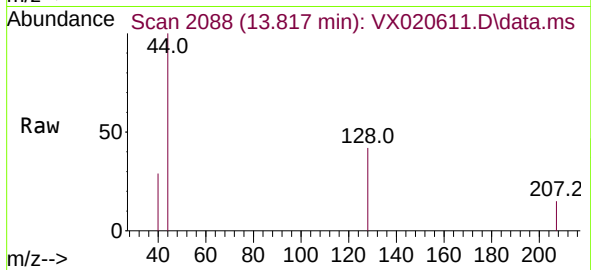
Tgt Ion: 75 Resp: 69660
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.88 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020611.D
Acq: 14 Jan 2021 14:40

Instrument :
MSVOA_X
ClientSampleId :
PB134118TB



Tgt Ion:128 Resp: 449
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

