

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022677.D
 Acq On : 11 Jun 2021 19:05
 Operator : JC/MD
 Sample : M2639-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B67

Quant Time: Jun 12 02:32:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

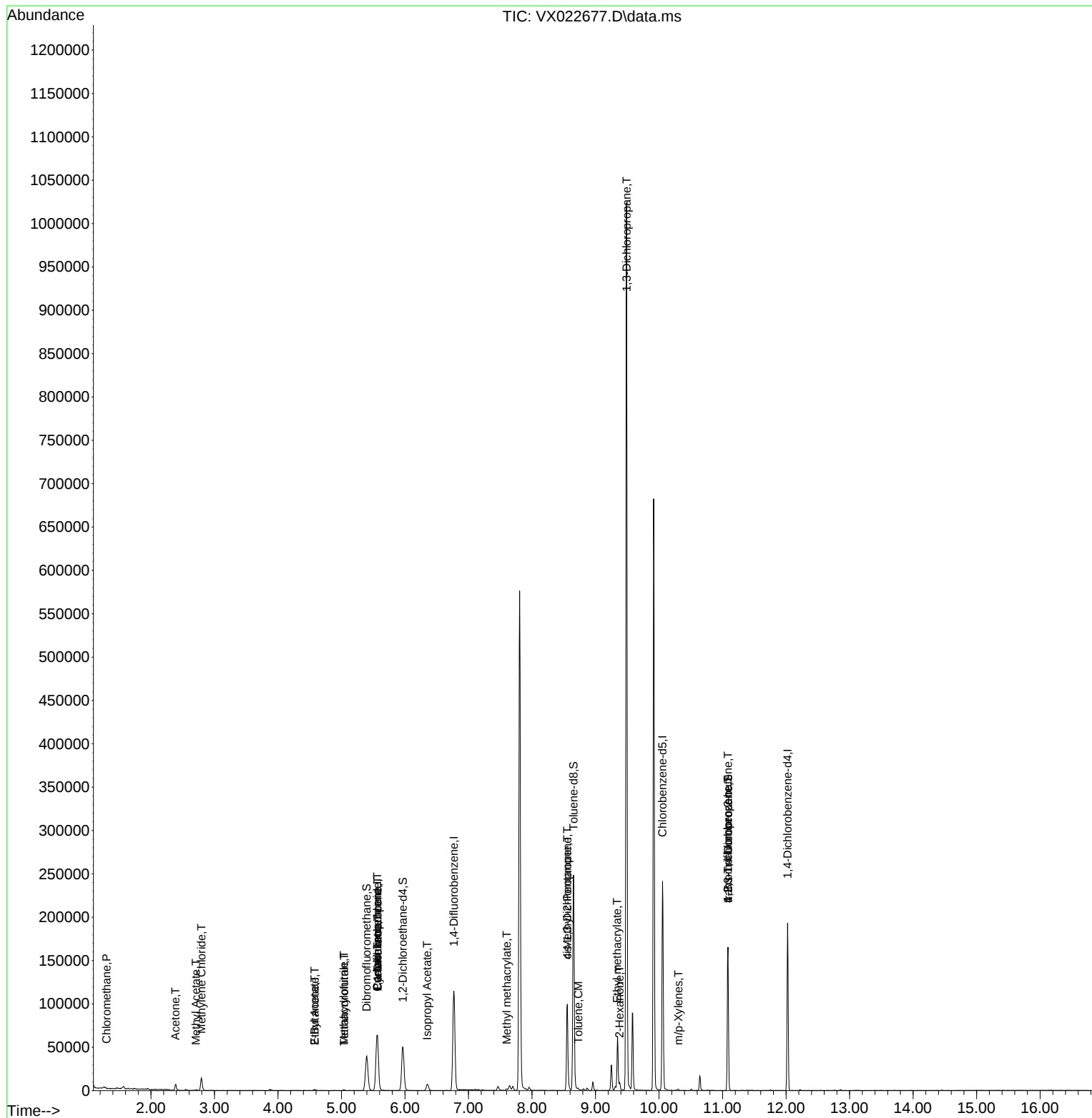
Internal Standards						
1) Pentafluorobenzene	5.562	168	54869	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112341	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47640	48.277	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.560%
35) Dibromofluoromethane	5.397	113	33153	46.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.500%
50) Toluene-d8	8.653	98	140597	49.760	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.520%
62) 4-Bromofluorobenzene	11.085	95	46518	43.531	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.060%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	181	0.233	ug/l	# 42
16) Acetone	2.386	43	7455	16.872	ug/l	93
18) Methyl Acetate	2.709	43	1105	0.831	ug/l	# 73
20) Methylene Chloride	2.794	84	5971	6.758	ug/l	# 85
25) 2-Butanone	4.574	43	1742	2.431	ug/l	94
29) Tetrahydrofuran	5.044	42	561	1.345	ug/l	# 40
31) Cyclohexane	5.568	56	1555	1.306	ug/l	# 44
36) 1,1-Dichloropropene	5.568	75	5424	4.846	ug/l	# 43
37) Ethyl Acetate	4.574	43	1742	1.224	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	6328	6.609	ug/l	# 15
41) Methacrylonitrile	5.038	41	251	0.329	ug/l	# 1
43) Isopropyl Acetate	6.348	43	9529	4.241	ug/l	# 95
48) Methyl methacrylate	7.604	41	3036	2.815	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	35628	24.981	ug/l	# 45
52) Toluene	8.726	92	540	0.261	ug/l	98
54) cis-1,3-Dichloropropene	8.555	75	15805	12.529	ug/l	# 66
56) Ethyl methacrylate	9.342	69	363	2.519	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	8534	5.786	ug/l	# 42
59) 2-Hexanone	9.378	43	3897	3.576	ug/l	# 19
68) m/p-Xylenes	10.305	106	331	0.238	ug/l	# 69
76) 1,2,3-Trichloropropane	11.085	75	24745	26.979	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	24745	67.455	ug/l	# 12

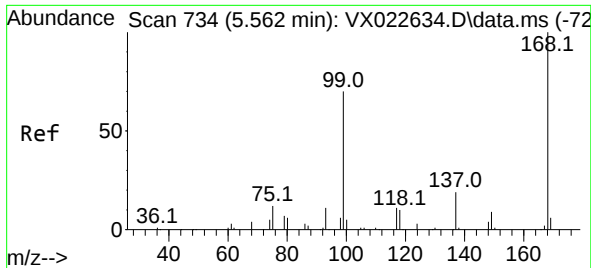
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
Data File : VX022677.D
Acq On : 11 Jun 2021 19:05
Operator : JC/MD
Sample : M2639-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B67

Quant Time: Jun 12 02:32:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

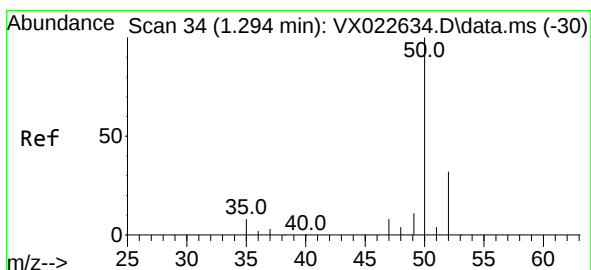
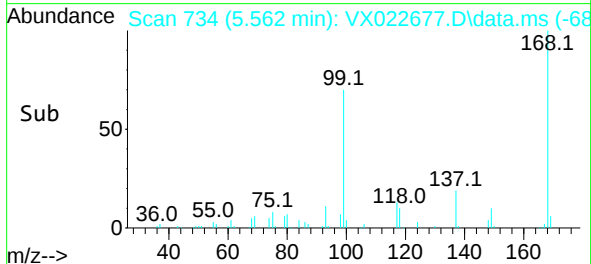
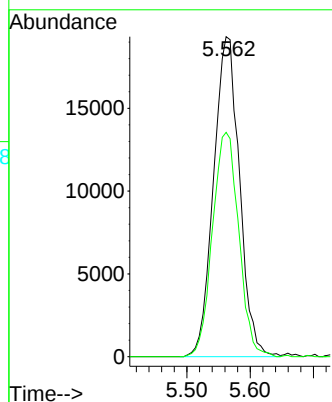
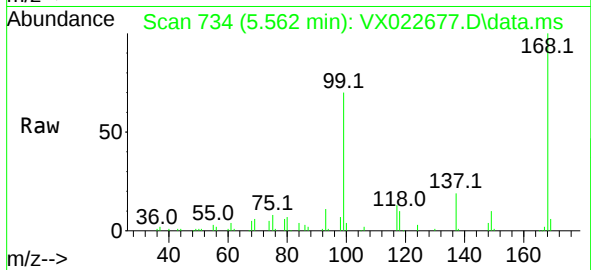




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

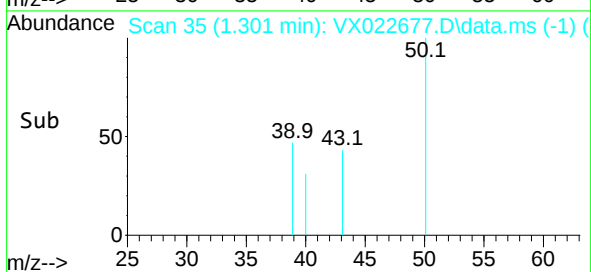
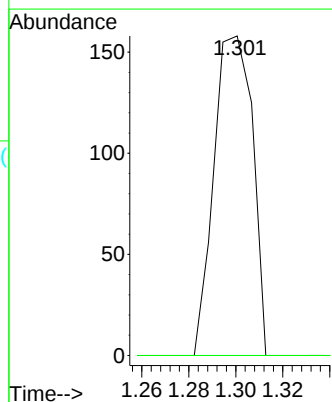
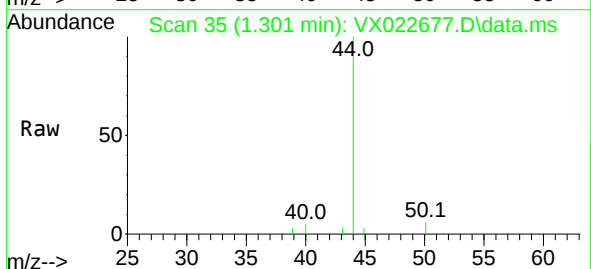
Instrument :
MSVOA_X
ClientSampleId :
B67

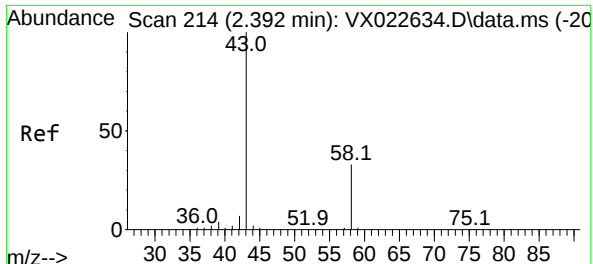
Tgt Ion:168 Resp: 54869
Ion Ratio Lower Upper
168 100
99 70.1 45.8 68.6#



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

Tgt Ion: 50 Resp: 181
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

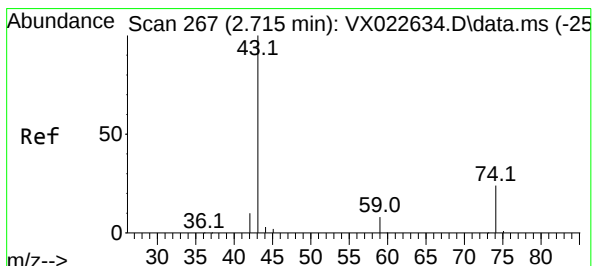
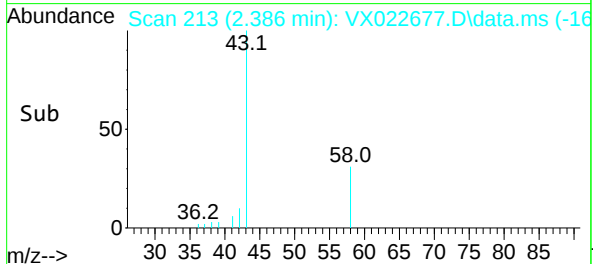
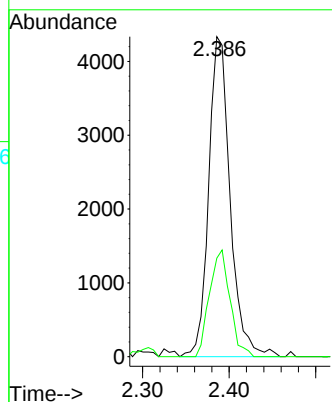
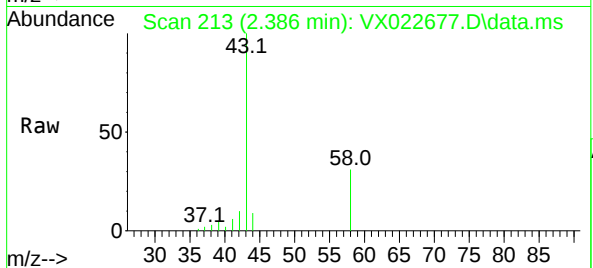




#16
Acetone
Concen: 16.872 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

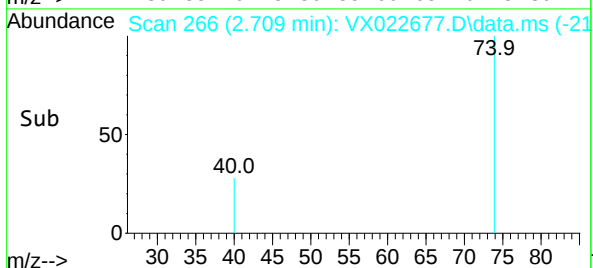
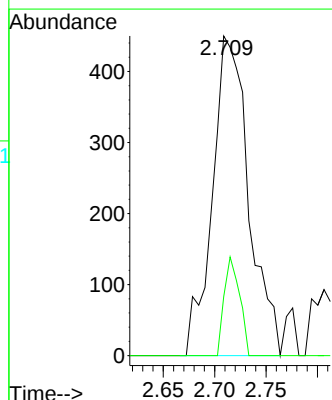
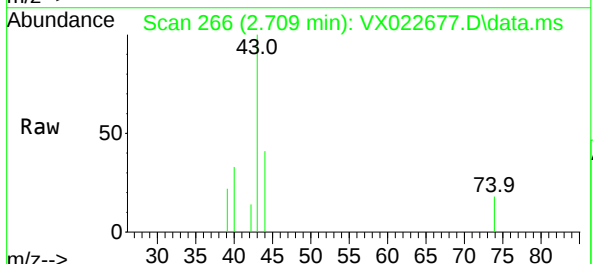
Instrument :
MSVOA_X
ClientSampled :
B67

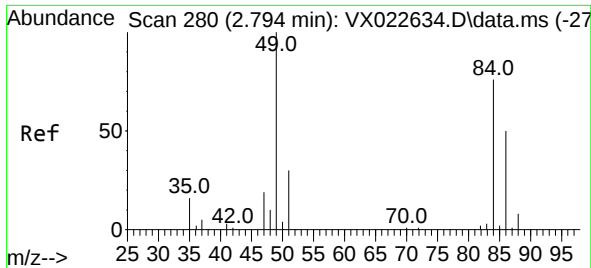
Tgt Ion: 43 Resp: 7455
Ion Ratio Lower Upper
43 100
58 30.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.831 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
74 13.1 21.9 32.9#

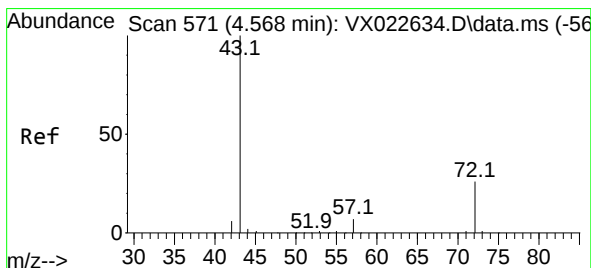
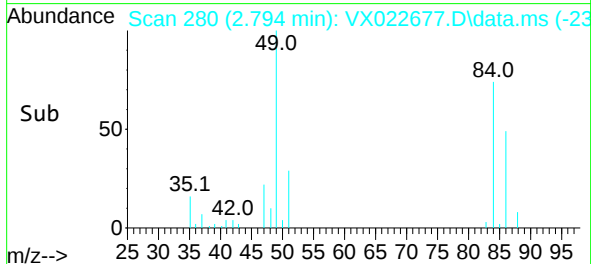
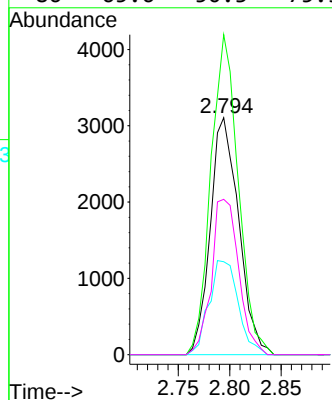
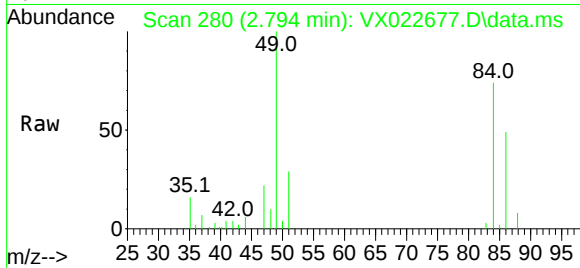




#20
Methylene Chloride
Concen: 6.758 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

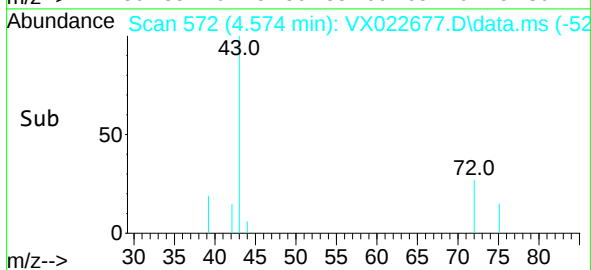
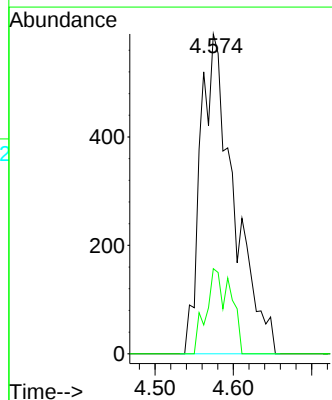
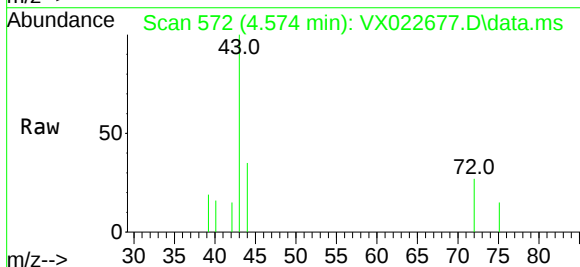
Instrument :
MSVOA_X
ClientSampled :
B67

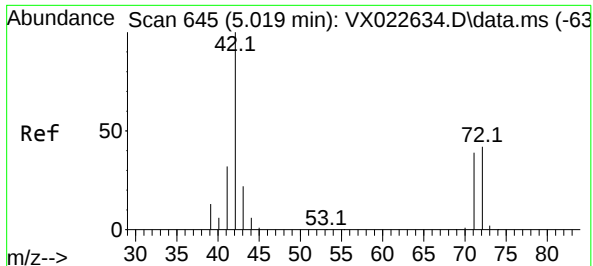
Tgt Ion:	84	Resp:	5971
Ion	Ratio	Lower	Upper
84	100		
49	135.1	88.6	132.8#
51	39.3	27.0	40.6
86	65.6	50.3	75.5



#25
2-Butanone
Concen: 2.431 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

Tgt Ion:	43	Resp:	1742
Ion	Ratio	Lower	Upper
43	100		
72	26.6	23.7	35.5





#29

Tetrahydrofuran

Concen: 1.345 ug/l

RT: 5.044 min Scan# 649

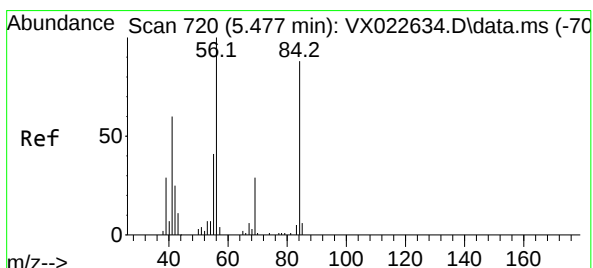
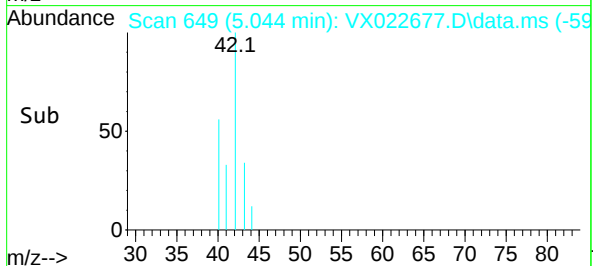
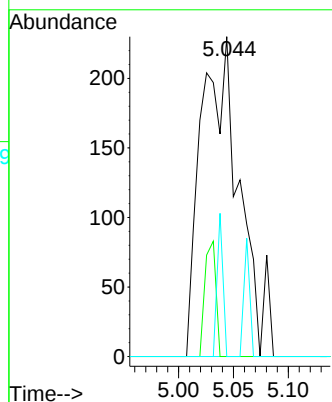
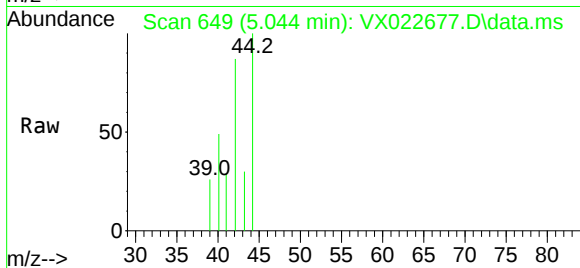
Delta R.T. 0.031 min

Lab File: VX022677.D

Acq: 11 Jun 2021 19:05

Tgt Ion:	42	Resp:	561
Ion	Ratio	Lower	Upper
42	100		
72	10.2	41.7	62.5#
71	6.8	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :
B67



#31

Cyclohexane

Concen: 1.306 ug/l

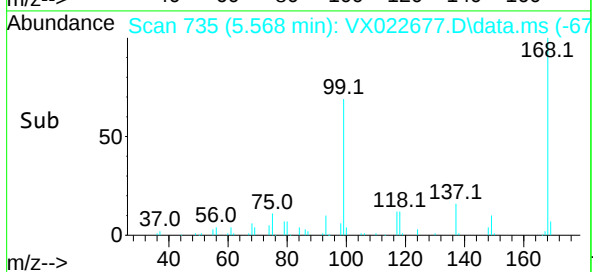
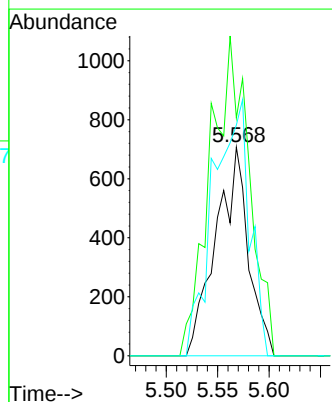
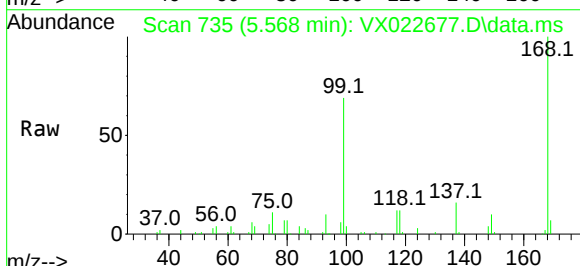
RT: 5.568 min Scan# 735

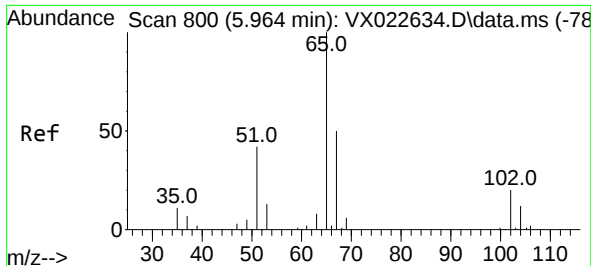
Delta R.T. 0.091 min

Lab File: VX022677.D

Acq: 11 Jun 2021 19:05

Tgt Ion:	56	Resp:	1555
Ion	Ratio	Lower	Upper
56	100		
69	114.0	25.3	37.9#
84	110.6	71.4	107.0#

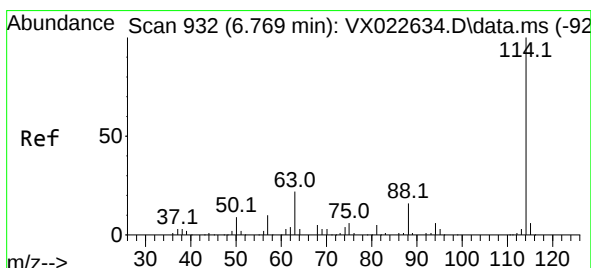
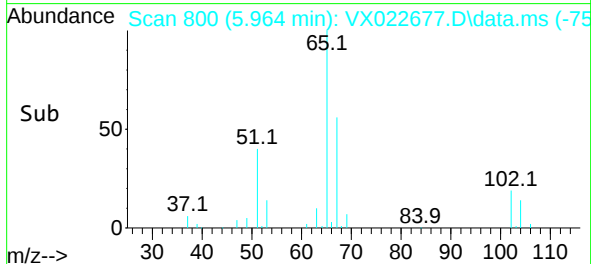
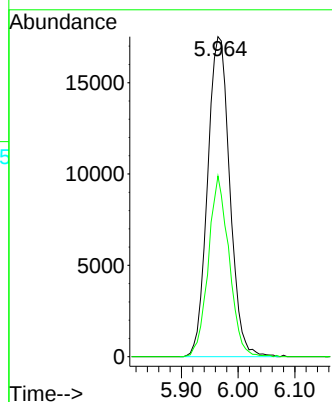
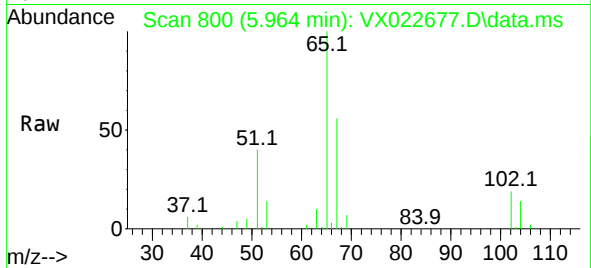




#33
1,2-Dichloroethane-d4
Concen: 48.277 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

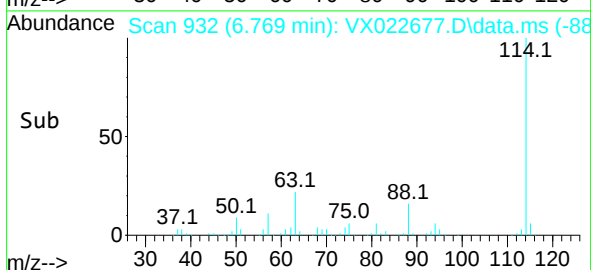
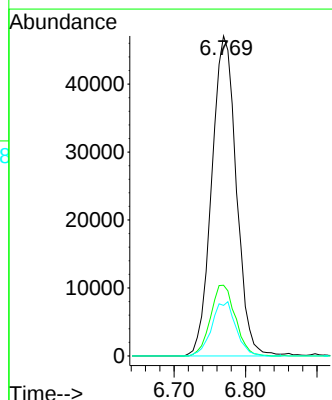
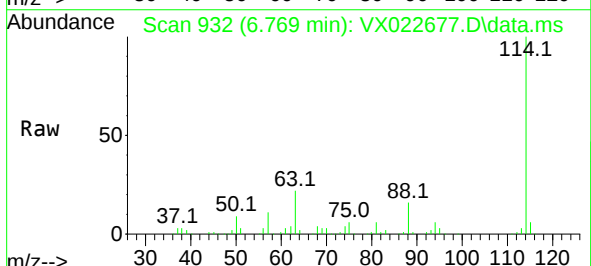
Instrument :
MSVOA_X
ClientSampled :
B67

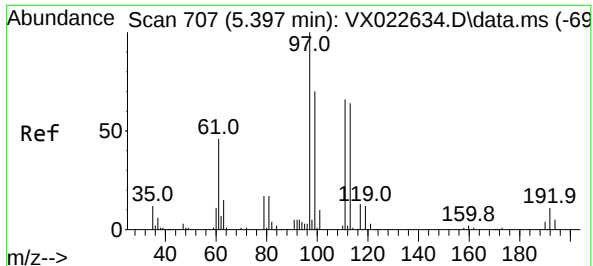
Tgt Ion: 65 Resp: 47640
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

Tgt Ion: 114 Resp: 112341
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.8
88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.254 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022677.D

Acq: 11 Jun 2021 19:05

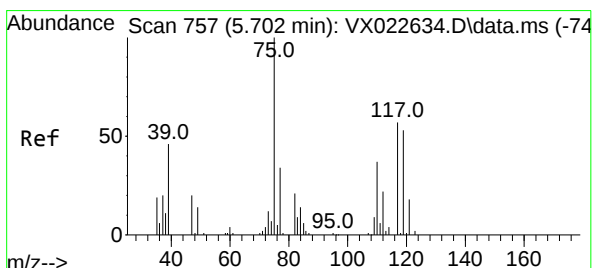
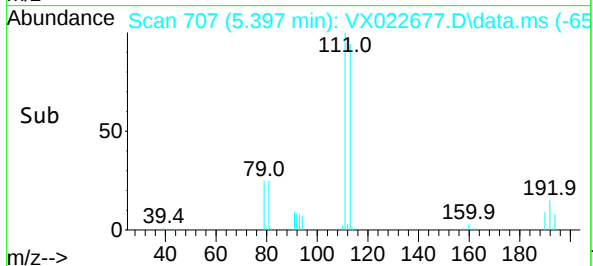
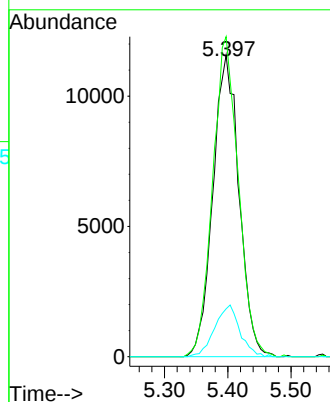
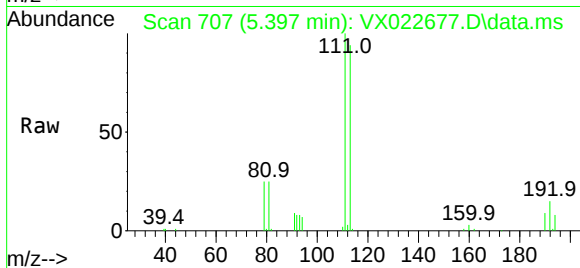
Tgt Ion:113 Resp: 33153

Ion Ratio Lower Upper

113 100

111 104.0 81.9 122.9

192 16.5 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.846 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX022677.D

Acq: 11 Jun 2021 19:05

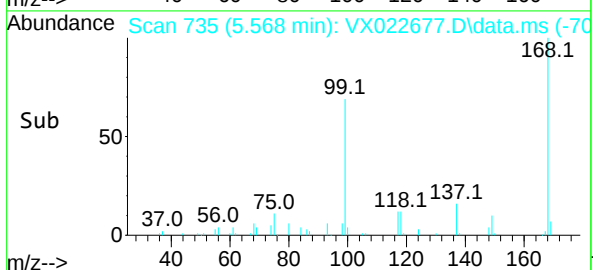
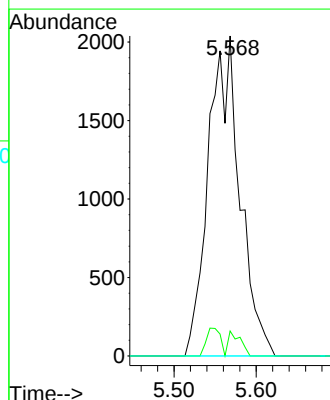
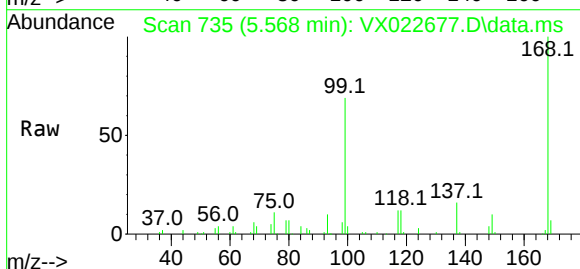
Tgt Ion: 75 Resp: 5424

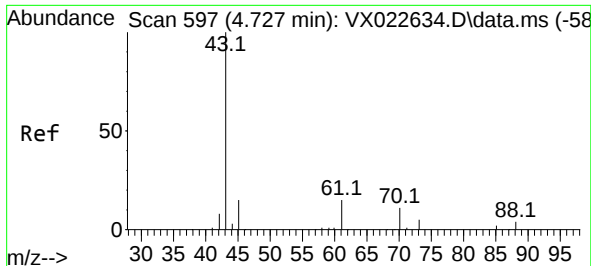
Ion Ratio Lower Upper

75 100

110 3.0 18.1 54.4#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 1.224 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.153 min

Lab File: VX022677.D

Acq: 11 Jun 2021 19:05

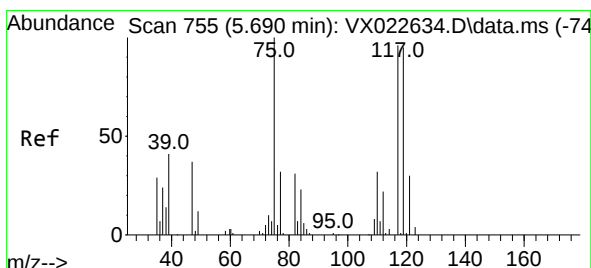
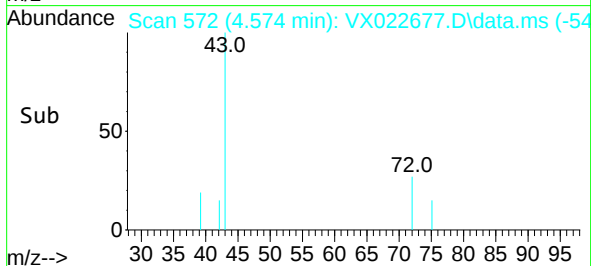
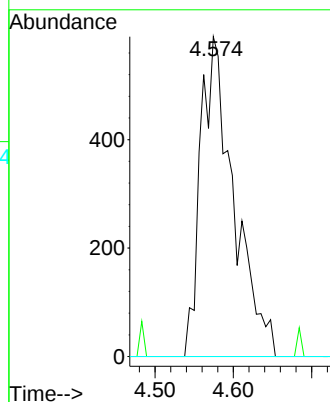
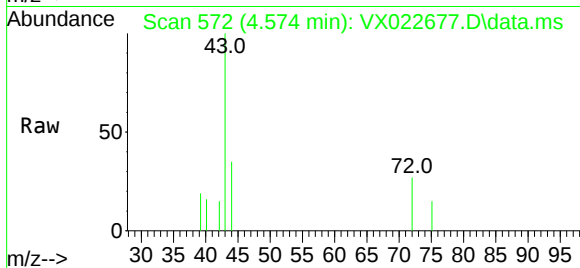
Instrument :

MSVOA_X

ClientSampleId :

B67

Tgt Ion: 43	Resp: 1742
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 6.609 ug/l

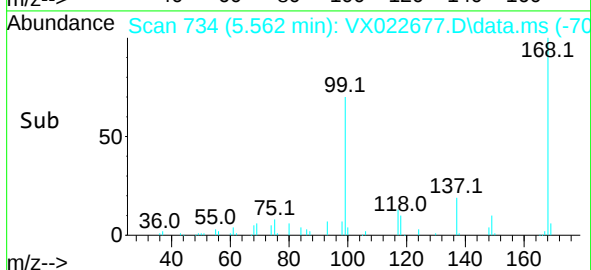
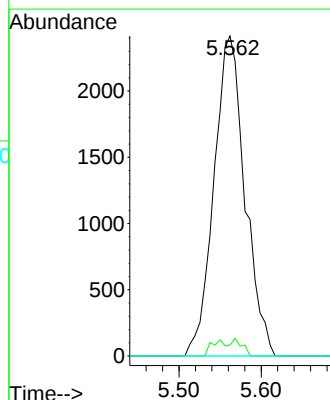
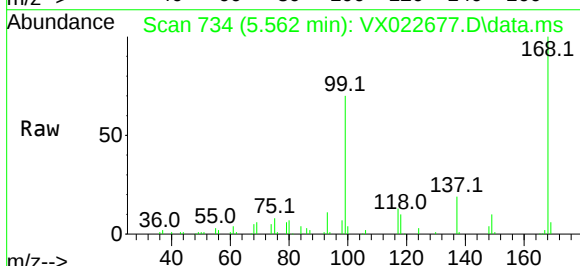
RT: 5.562 min Scan# 734

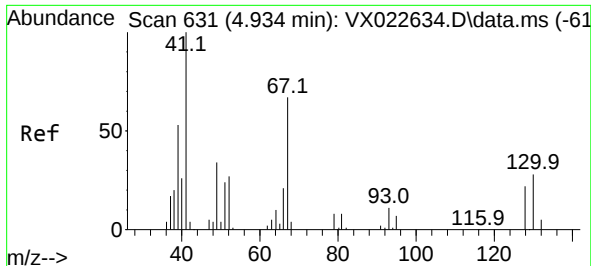
Delta R.T. -0.116 min

Lab File: VX022677.D

Acq: 11 Jun 2021 19:05

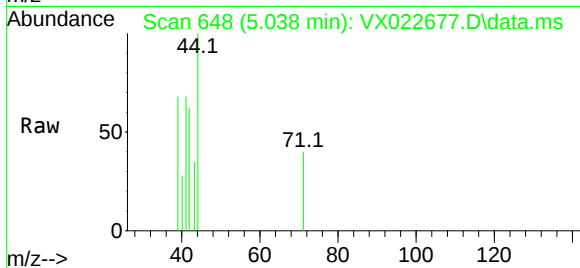
Tgt Ion: 117	Resp: 6328
Ion Ratio	Lower Upper
117 100	
119 3.4	76.2 114.2#
121 0.0	24.8 37.2#



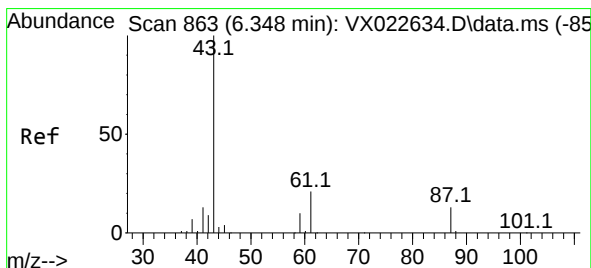
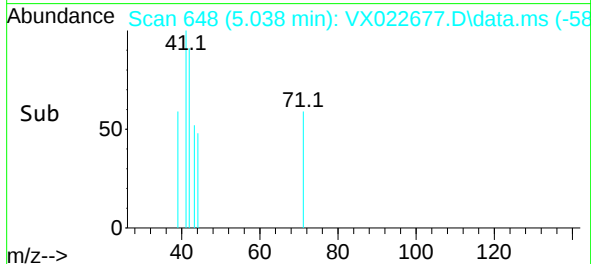
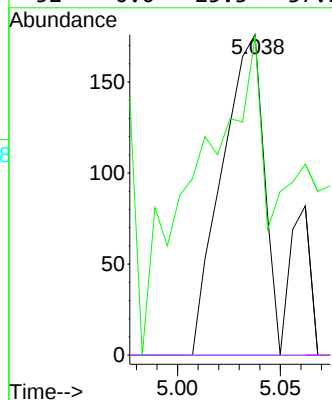


#41
Methacrylonitrile
Concen: 0.329 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

Instrument :
MSVOA_X
ClientSampled :
B67

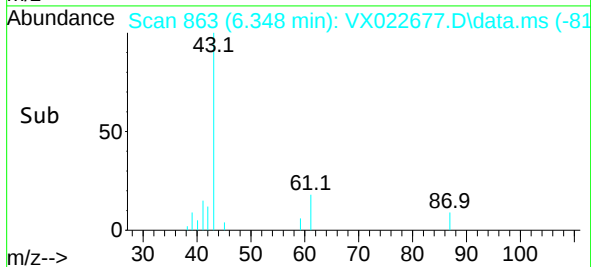
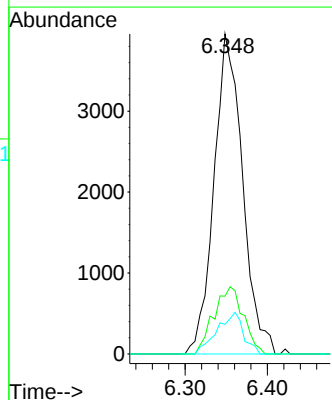
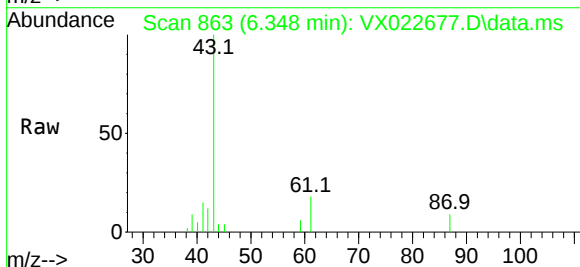


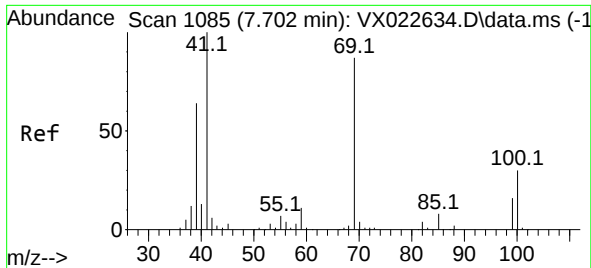
Tgt Ion:	41	Resp:	251
Ion	Ratio	Lower	Upper
41	100		
39	167.3	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 4.241 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

Tgt Ion:	43	Resp:	9529
Ion	Ratio	Lower	Upper
43	100		
61	21.8	18.2	27.4
87	11.9	12.5	18.7#

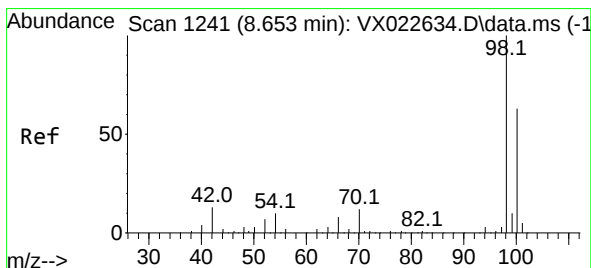
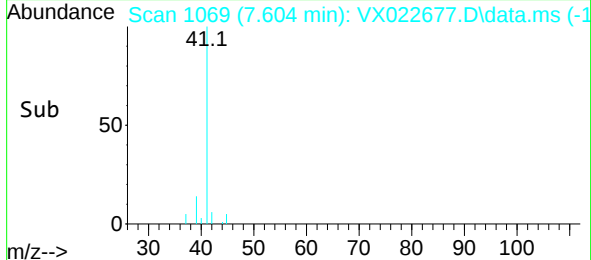
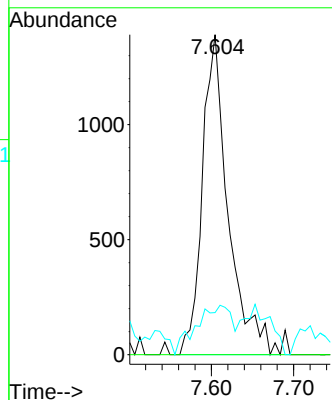
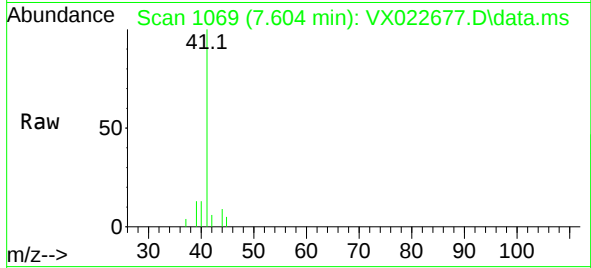




#48
Methyl methacrylate
Concen: 2.815 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

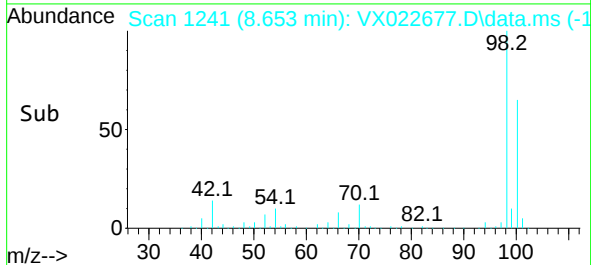
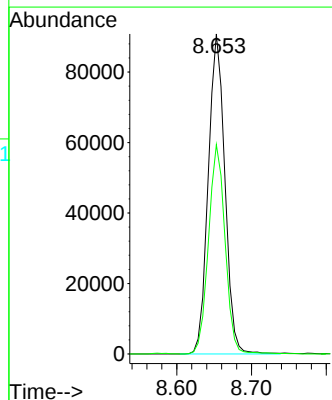
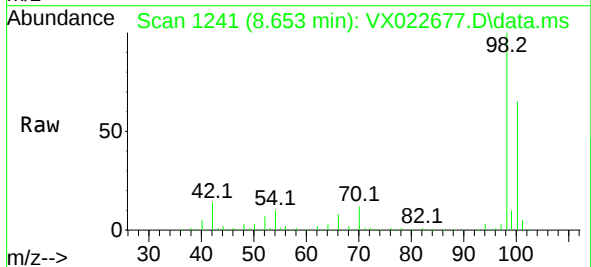
Instrument :
MSVOA_X
ClientSampleId :
B67

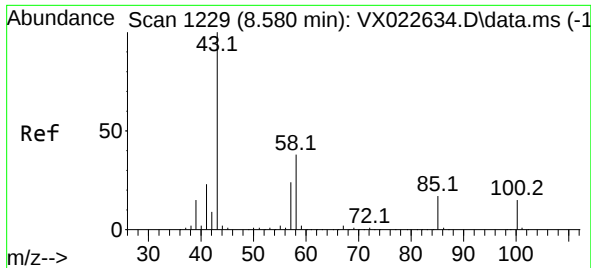
Tgt Ion: 41 Resp: 3036
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 49.760 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

Tgt Ion: 98 Resp: 140597
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

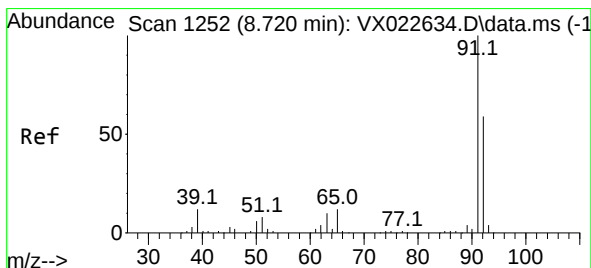
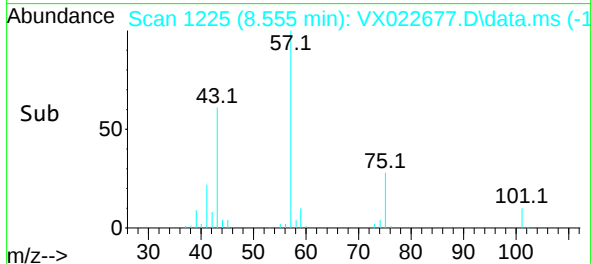
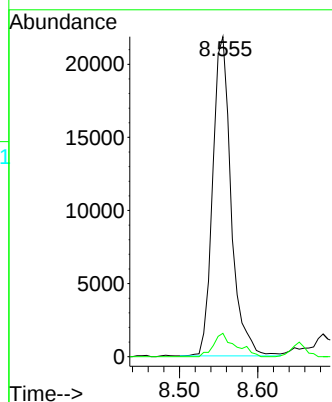
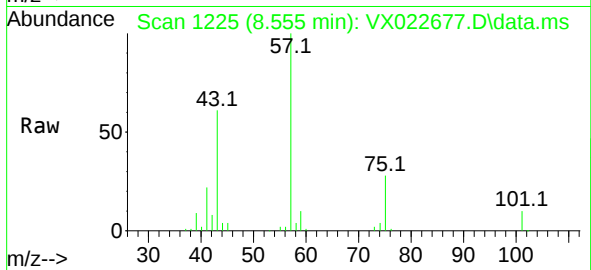




#51
4-Methyl-2-Pentanone
Concen: 24.981 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

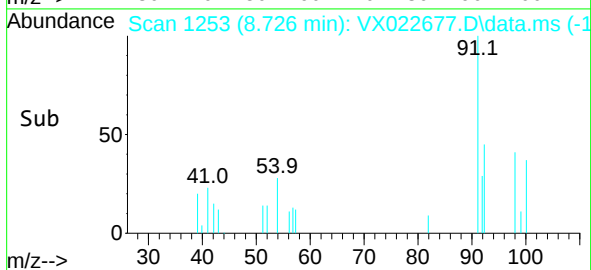
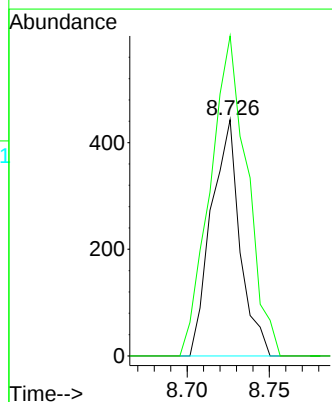
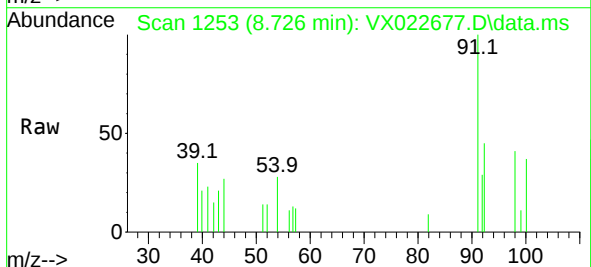
Instrument :
MSVOA_X
ClientSampleId :
B67

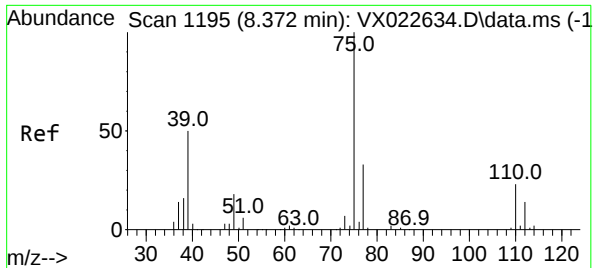
Tgt Ion: 43 Resp: 35628
Ion Ratio Lower Upper
43 100
58 8.8 35.4 53.0#



#52
Toluene
Concen: 0.261 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

Tgt Ion: 92 Resp: 540
Ion Ratio Lower Upper
92 100
91 174.1 137.1 205.7

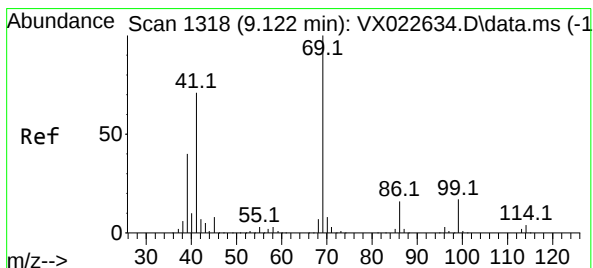
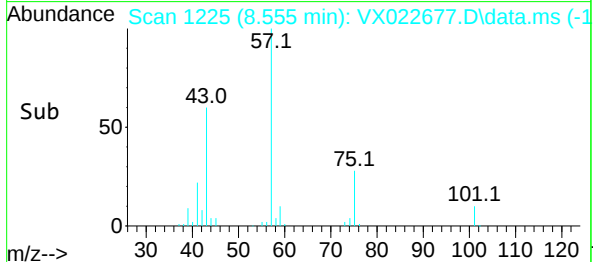
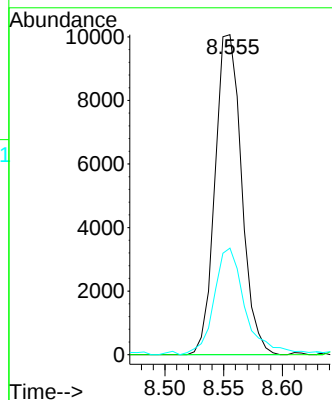
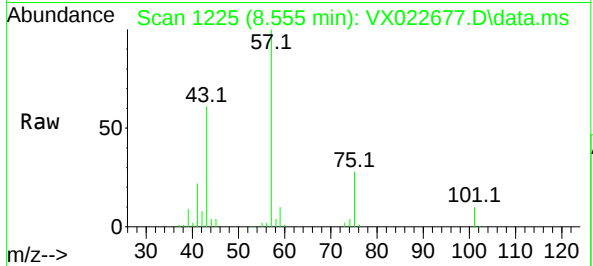




#54
 cis-1,3-Dichloropropene
 Concen: 12.529 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX022677.D
 Acq: 11 Jun 2021 19:05

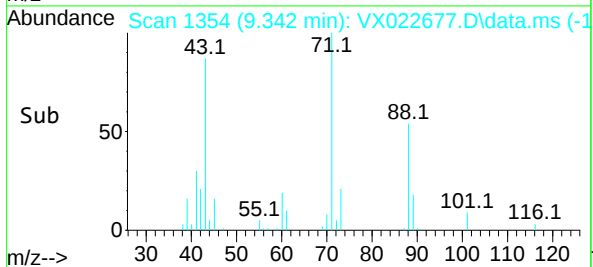
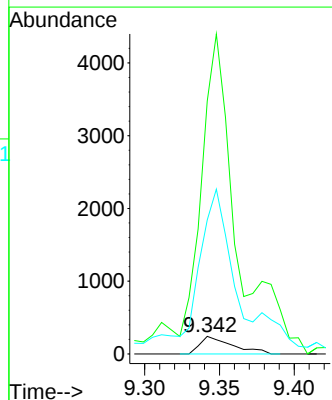
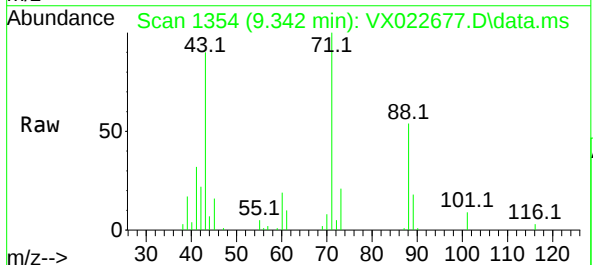
Instrument :
 MSVOA_X
 ClientSampled :
 B67

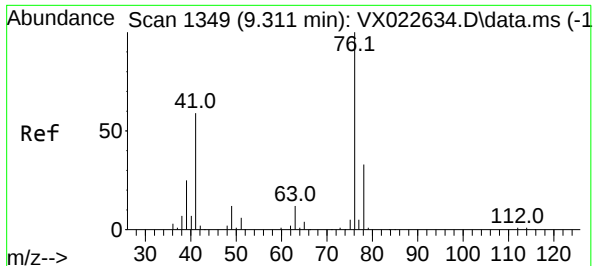
Tgt Ion: 75 Resp: 15805
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 33.3 35.1 52.7#



#56
 Ethyl methacrylate
 Concen: 2.519 ug/l
 RT: 9.342 min Scan# 1354
 Delta R.T. 0.220 min
 Lab File: VX022677.D
 Acq: 11 Jun 2021 19:05

Tgt Ion: 69 Resp: 363
 Ion Ratio Lower Upper
 69 100
 41 1755.1 46.8 70.2#
 39 909.4 24.7 37.1#



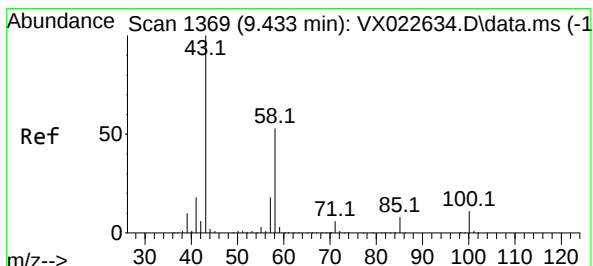
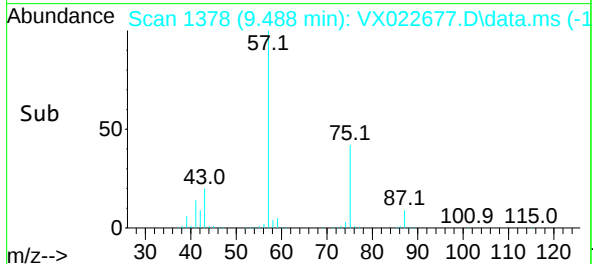
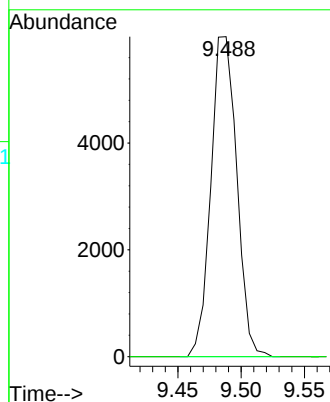
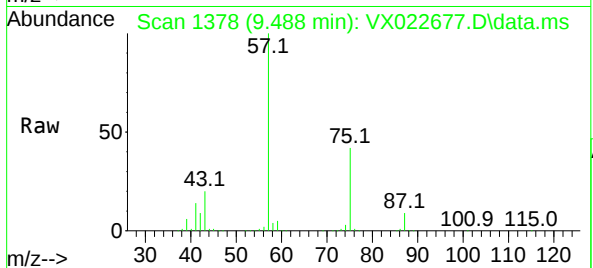


#57

1,3-Dichloropropane
Concen: 5.786 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

Instrument :
MSVOA_X
ClientSampleId :
B67

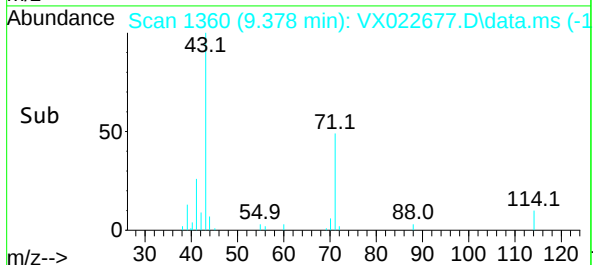
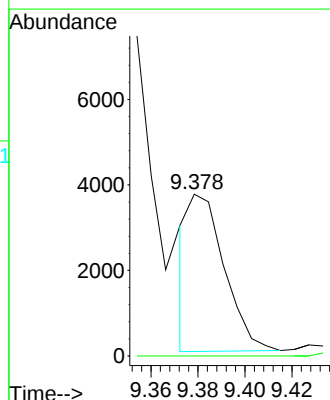
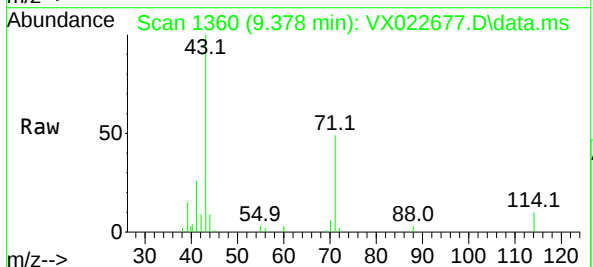
Tgt Ion: 76 Resp: 8534
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

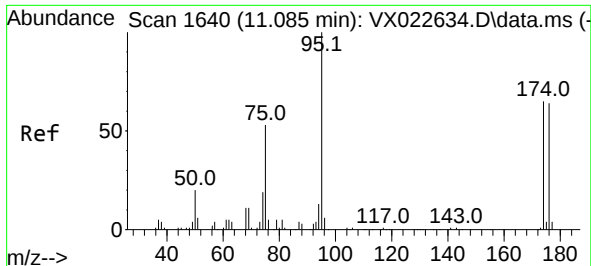


#59

2-Hexanone
Concen: 3.576 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

Tgt Ion: 43 Resp: 3897
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

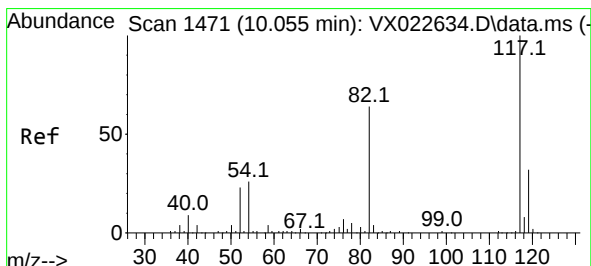
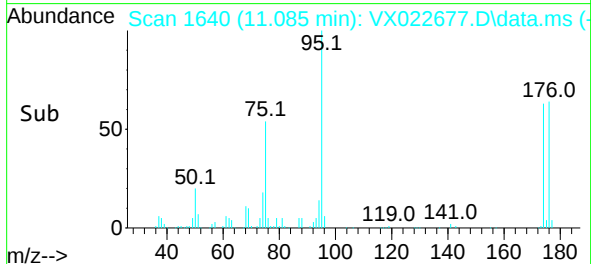
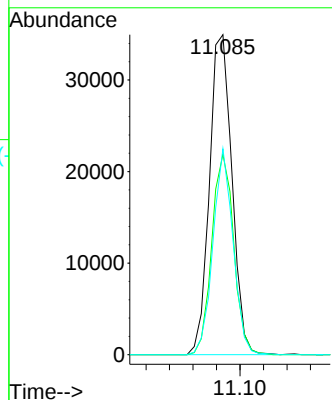
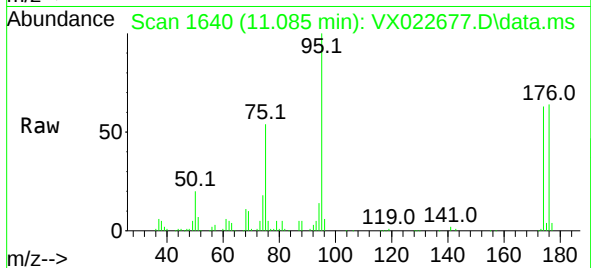




#62
4-Bromofluorobenzene
Concen: 43.531 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

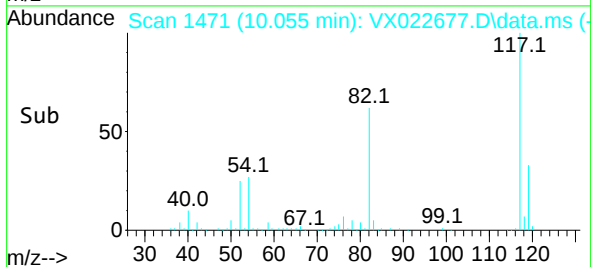
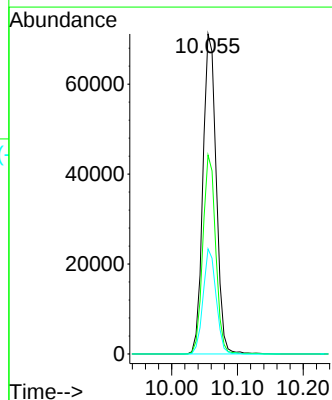
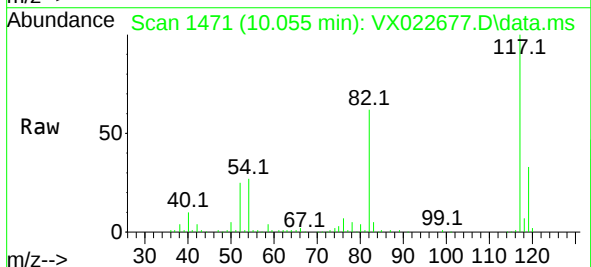
Instrument :
MSVOA_X
ClientSampleId :
B67

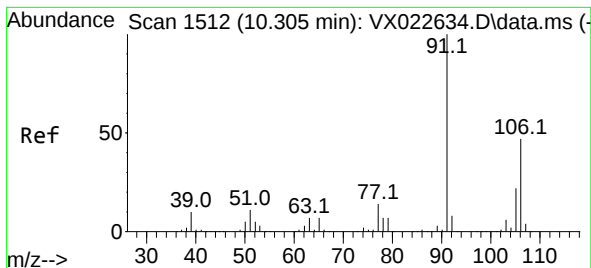
Tgt Ion: 95 Resp: 46518
Ion Ratio Lower Upper
95 100
174 60.9 0.0 154.6
176 57.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

Tgt Ion: 117 Resp: 100087
Ion Ratio Lower Upper
117 100
82 62.2 47.4 71.2
119 32.8 26.6 39.8

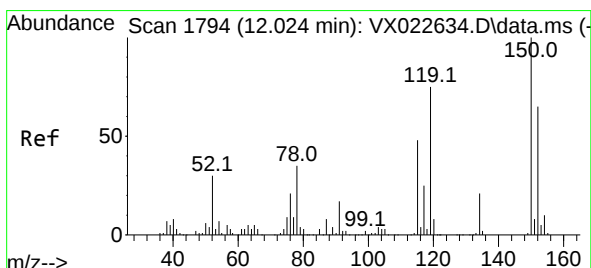
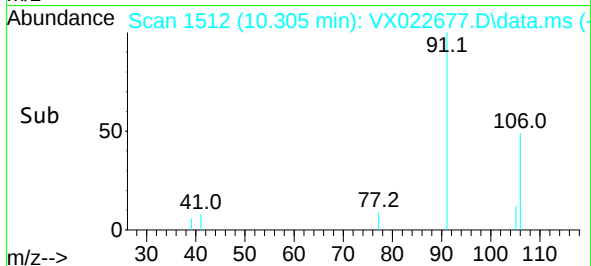
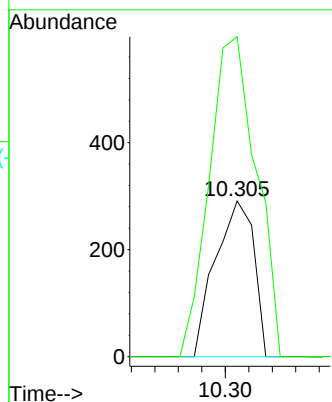
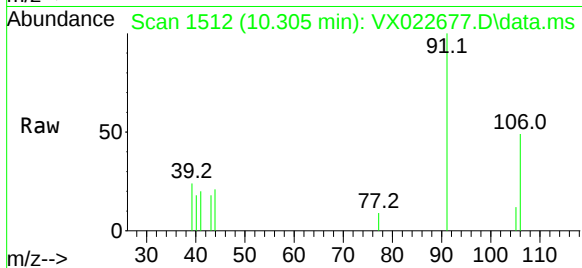




#68
m/p-Xylenes
Concen: 0.238 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

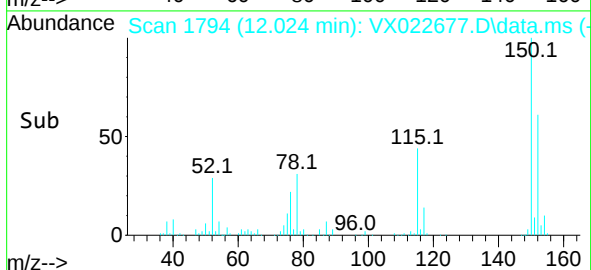
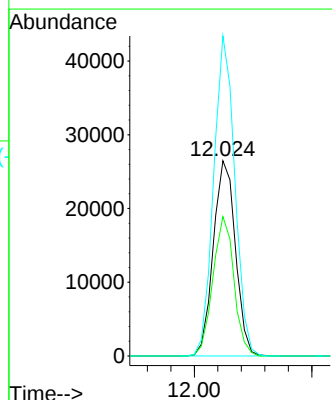
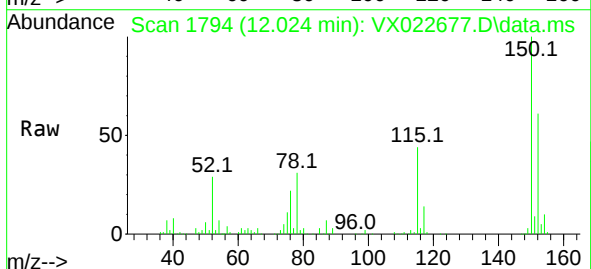
Instrument :
MSVOA_X
ClientSampled :
B67

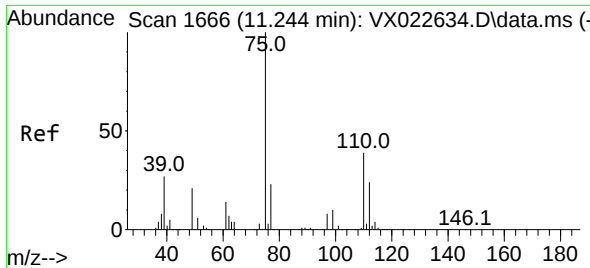
Tgt Ion:106 Resp: 331
Ion Ratio Lower Upper
106 100
91 250.8 162.8 244.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

Tgt Ion:152 Resp: 34593
Ion Ratio Lower Upper
152 100
115 67.9 41.1 123.3
150 156.6 0.0 349.0

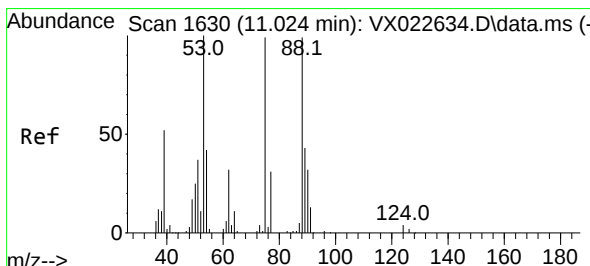
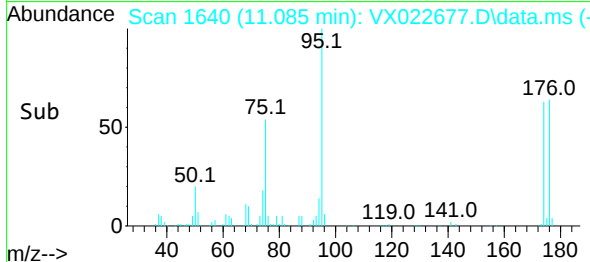
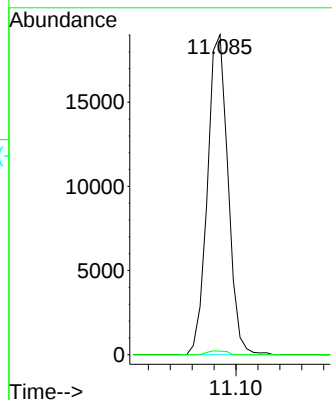
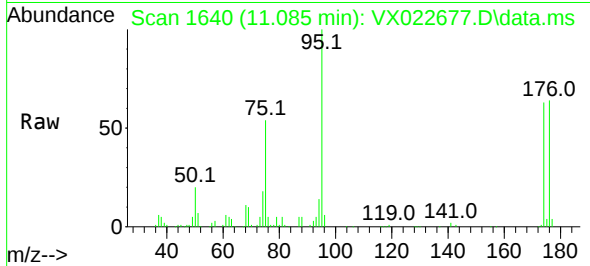




#76
1,2,3-Trichloropropane
Concen: 26.979 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

Instrument :
MSVOA_X
ClientSampled :
B67

Tgt Ion: 75 Resp: 24745
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.455 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022677.D
Acq: 11 Jun 2021 19:05

Tgt Ion: 75 Resp: 24745
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

