

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024557.D
 Acq On : 05 Oct 2021 06:49
 Operator : JC/MD
 Sample : M3989-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Oct 05 08:36:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

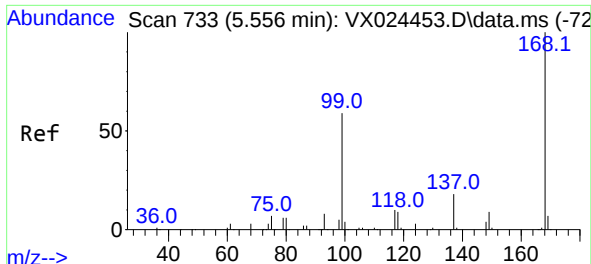
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	155890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	272751	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111168	50.598	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.200%
35) Dibromofluoromethane	5.397	113	90972	50.207	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.420%
50) Toluene-d8	8.653	98	288697	43.290	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	86.580%#
62) 4-Bromofluorobenzene	11.085	95	109843	41.891	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.780%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	317	0.214	ug/l #	87
6) Chloroethane	1.703	64	224	0.475	ug/l #	88
11) Tert butyl alcohol	2.971	59	3174	Below Cal	#	73
15) Acrylonitrile	3.130	53	1148	1.150	ug/l #	18
16) Acetone	2.392	43	1872	Below Cal	#	70
17) Carbon Disulfide	2.514	76	120	0.260	ug/l #	75
19) Methyl tert-butyl Ether	3.123	73	105121	19.519	ug/l	99
20) Methylene Chloride	2.800	84	298	Below Cal	#	68
31) Cyclohexane	5.556	56	3129	1.189	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11353	4.342	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15650	5.498	ug/l #	18
43) Isopropyl Acetate	6.330	43	1423	0.287	ug/l #	24
48) Methyl methacrylate	7.610	41	831	0.338	ug/l #	31
76) 1,2,3-Trichloropropane	11.085	75	59773	22.221	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59773	60.811	ug/l #	12

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

Quant Time: Oct 05 08:36:14 2021
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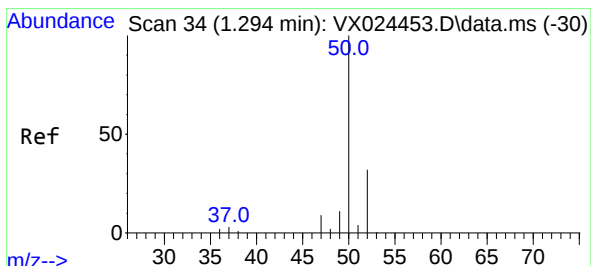
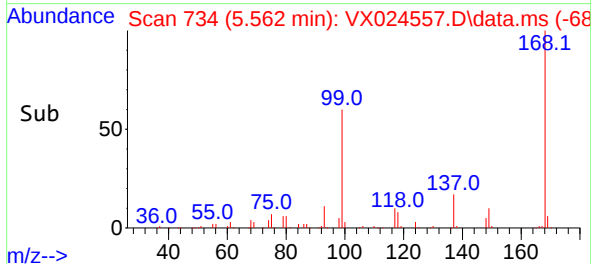
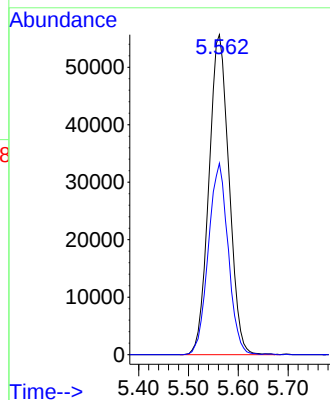
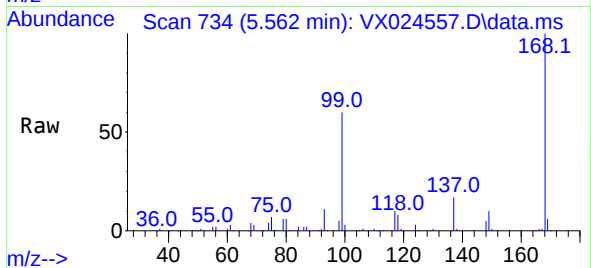




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

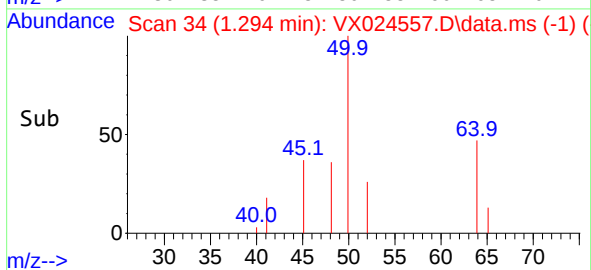
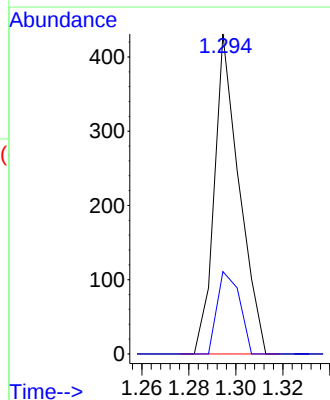
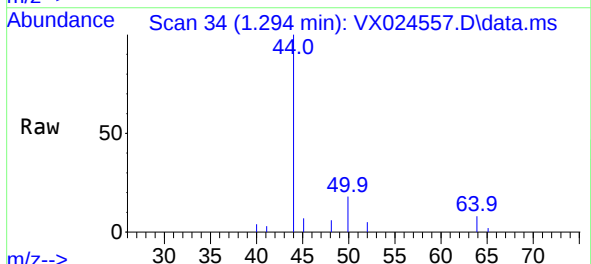
Instrument :
MSVOA_X
ClientSampleId :
MW-6

Tgt Ion:168 Resp: 155890
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.6

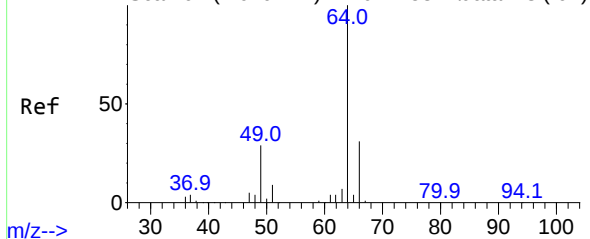


#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Tgt Ion: 50 Resp: 317
Ion Ratio Lower Upper
50 100
52 25.8 26.4 39.6#



Abundance Scan 97 (1.679 min): VX024453.D\data.ms (-91)

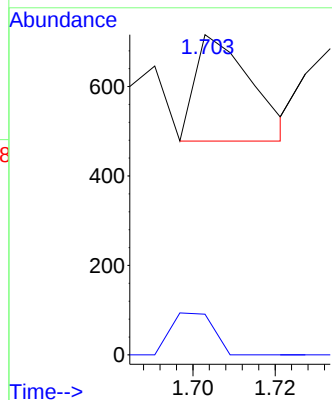
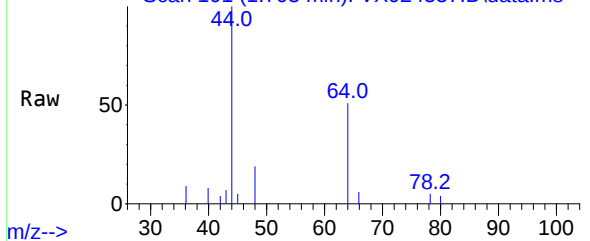


#6
Chloroethane
Concen: 0.475 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

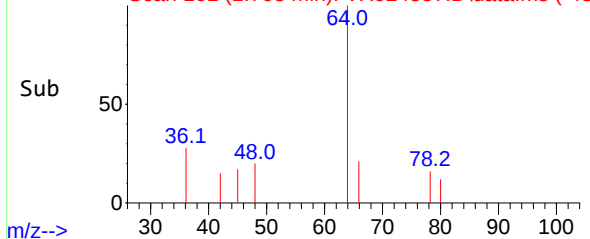
Instrument :
MSVOA_X
ClientSampled :
MW-6

Tgt Ion: 64 Resp: 224
Ion Ratio Lower Upper
64 100
66 38.2 25.4 38.0#

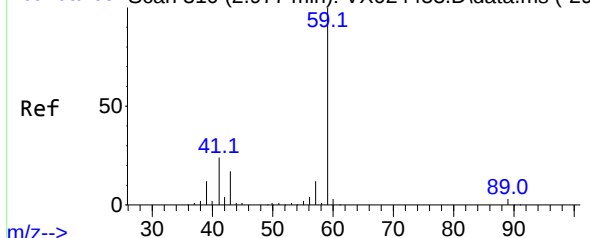
Abundance Scan 101 (1.703 min): VX024557.D\data.ms



Abundance Scan 101 (1.703 min): VX024557.D\data.ms (-48)



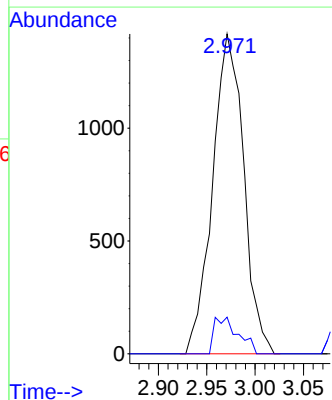
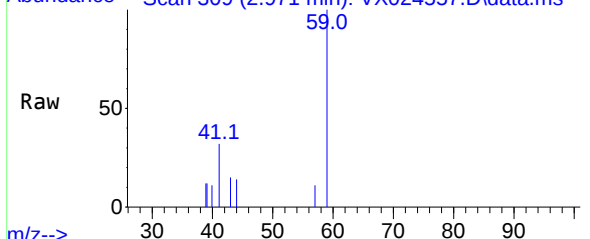
Abundance Scan 310 (2.977 min): VX024453.D\data.ms (-29)



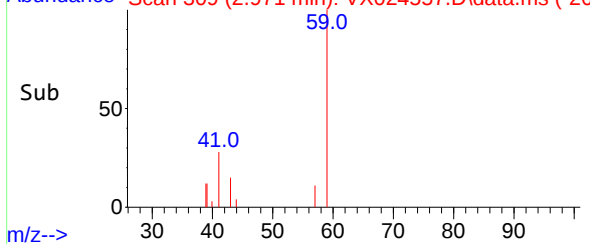
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

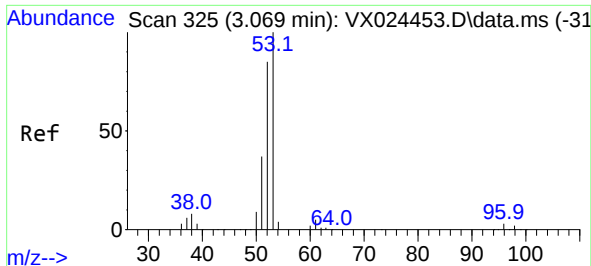
Tgt Ion: 59 Resp: 3174
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

Abundance Scan 309 (2.971 min): VX024557.D\data.ms



Abundance Scan 309 (2.971 min): VX024557.D\data.ms (-26)

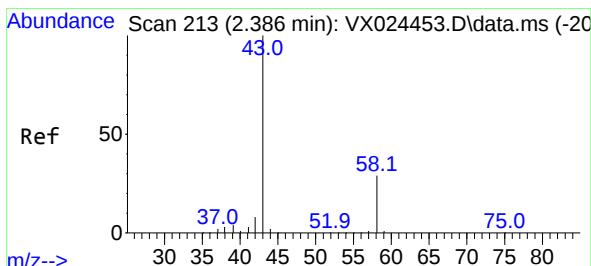
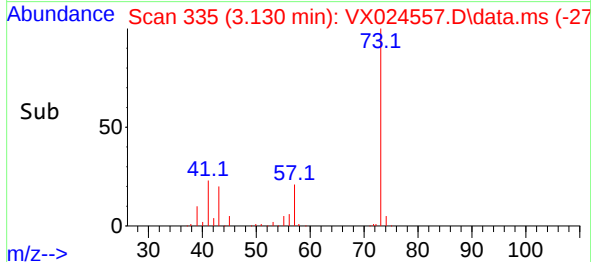
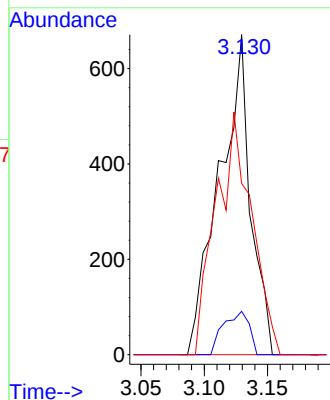
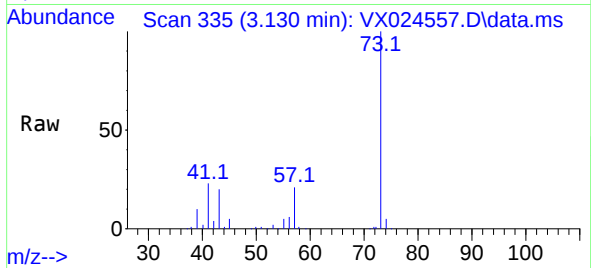




#15
Acrylonitrile
Concen: 1.150 ug/l
RT: 3.130 min Scan# 335
Delta R.T. 0.061 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

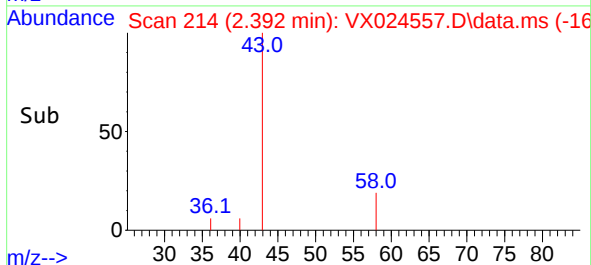
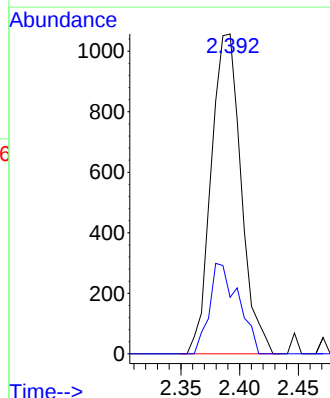
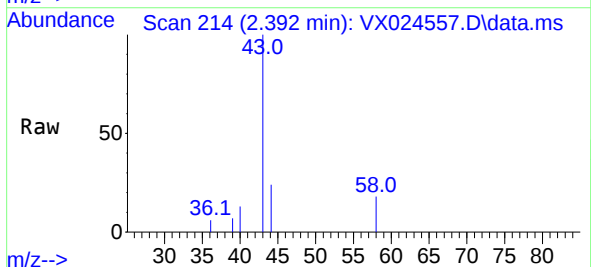
Instrument :
MSVOA_X
ClientSampled :
MW-6

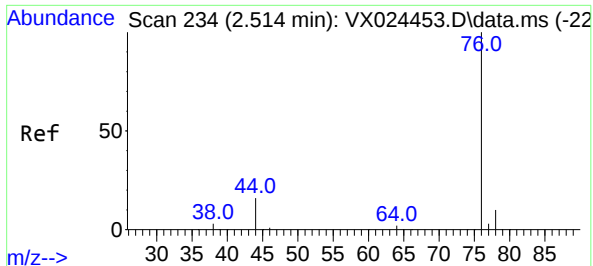
Tgt Ion: 53 Resp: 1148
Ion Ratio Lower Upper
53 100
52 11.2 65.3 97.9#
51 86.8 28.2 42.2#



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
58 17.7 27.8 41.8#

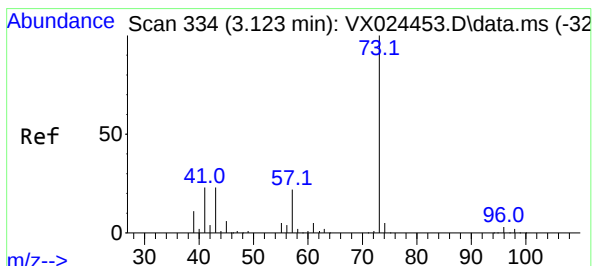
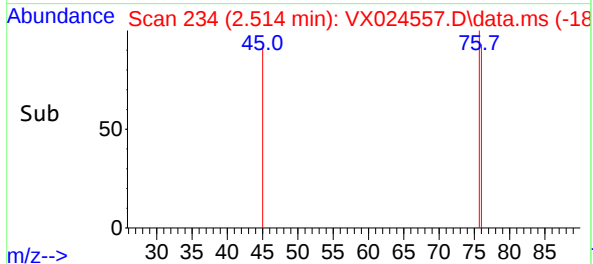
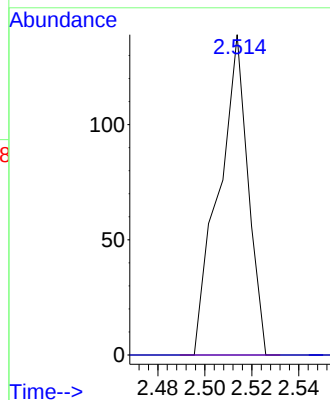
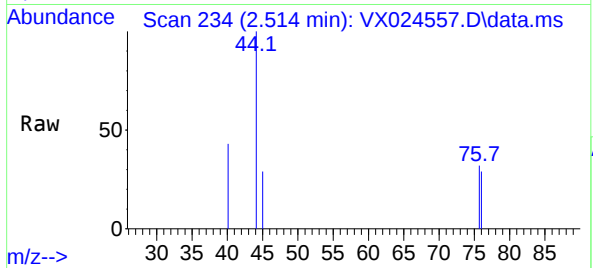




#17
Carbon Disulfide
Concen: 0.260 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

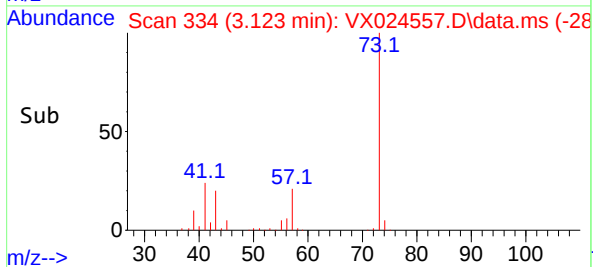
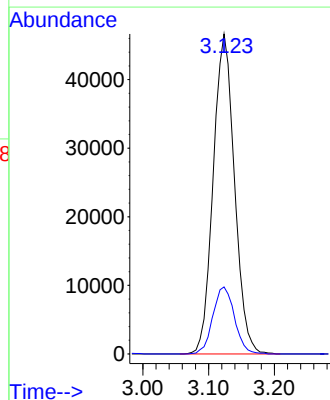
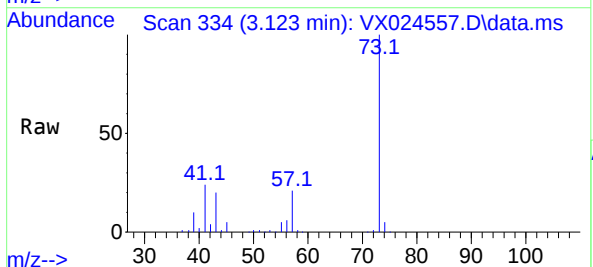
Instrument :
MSVOA_X
ClientSampled :
MW-6

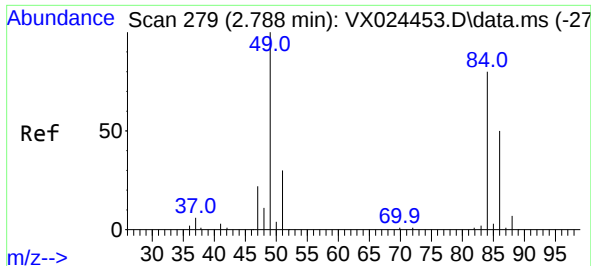
Tgt Ion: 76 Resp: 120
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 19.519 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Tgt Ion: 73 Resp: 105121
Ion Ratio Lower Upper
73 100
57 21.0 17.1 25.7



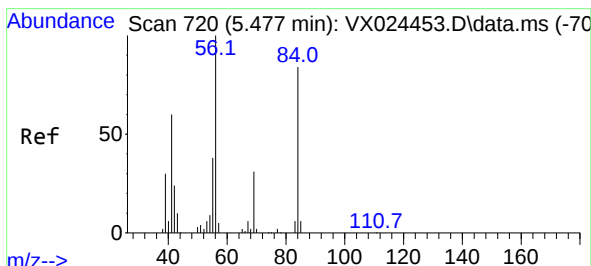
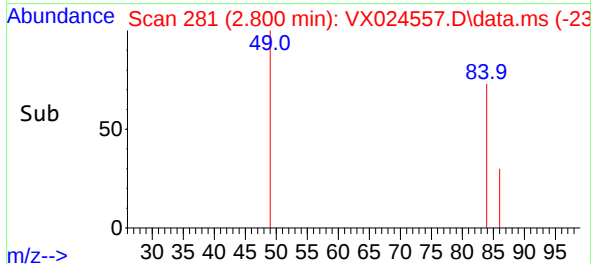
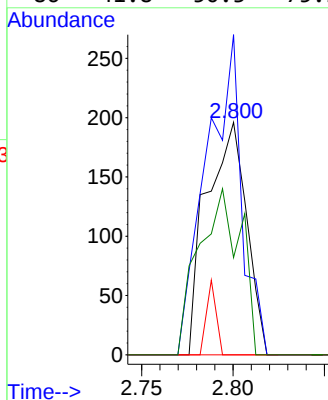
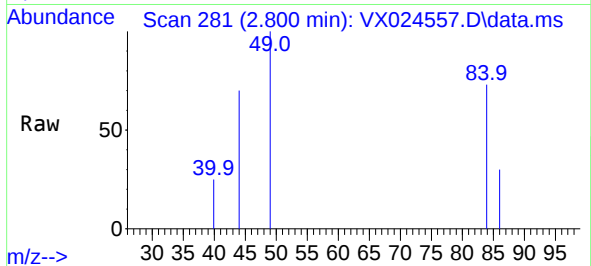


#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Tgt Ion: 84 Resp: 298

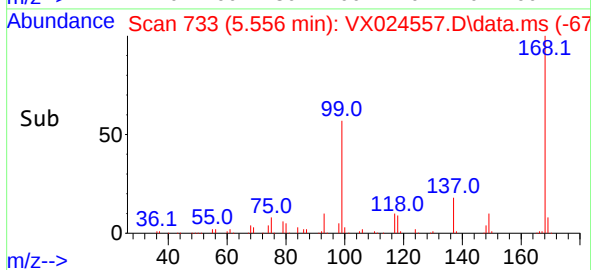
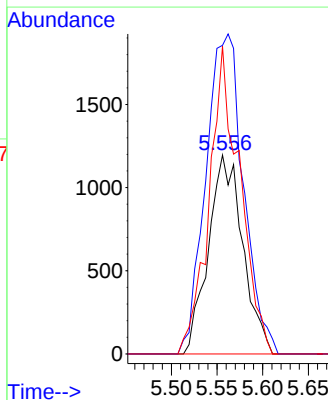
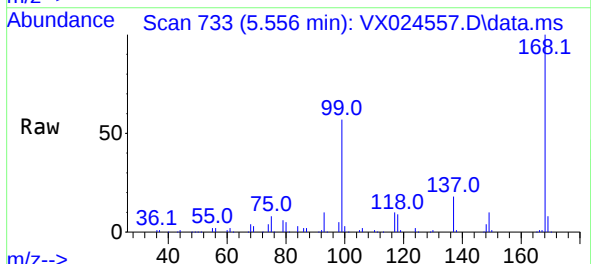
Ion	Ratio	Lower	Upper
84	100		
49	137.8	88.6	132.8#
51	0.0	27.0	40.6#
86	41.8	50.3	75.5#

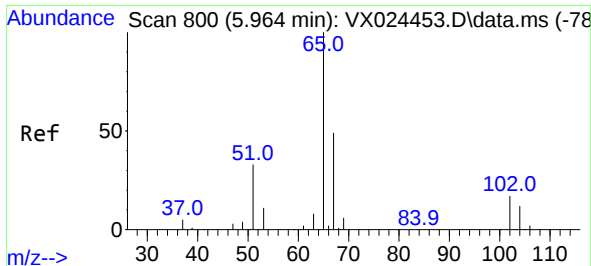


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Tgt Ion: 56 Resp: 3129

Ion	Ratio	Lower	Upper
56	100		
69	155.2	25.3	37.9#
84	154.8	71.4	107.0#

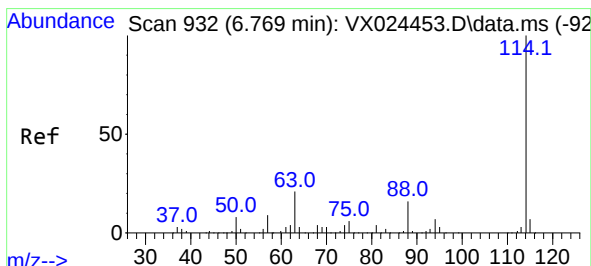
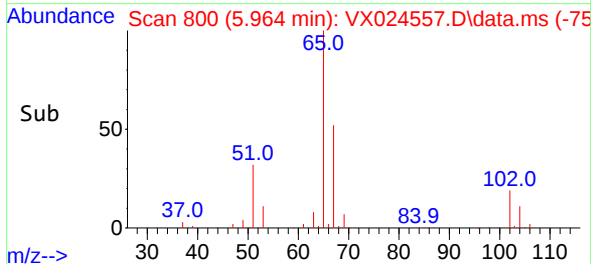
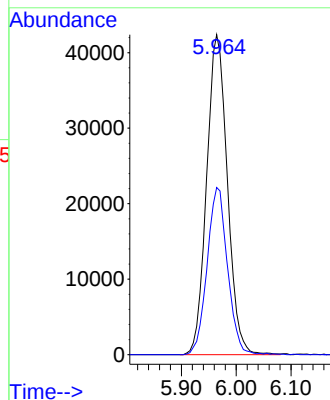
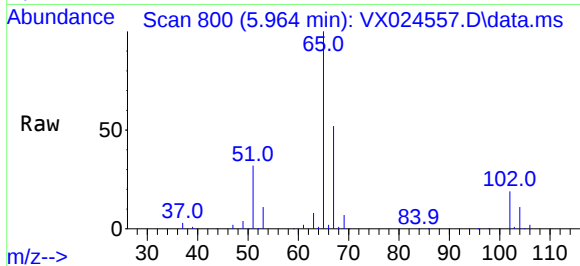




#33
1,2-Dichloroethane-d4
Concen: 50.598 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

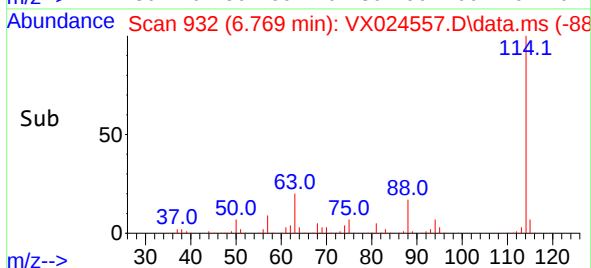
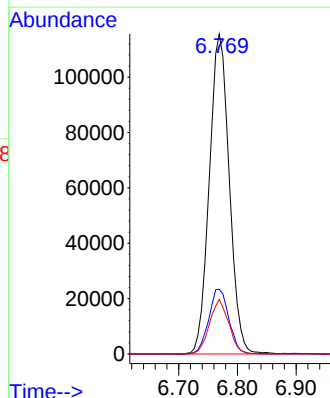
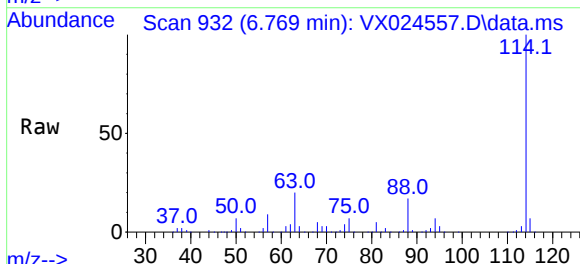
Instrument :
MSVOA_X
ClientSampled :
MW-6

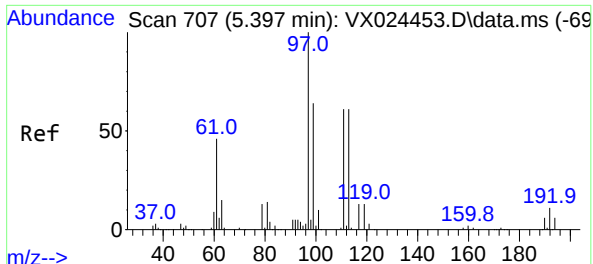
Tgt Ion: 65 Resp: 111168
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Tgt Ion: 114 Resp: 272751
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 17.0 0.0 32.8

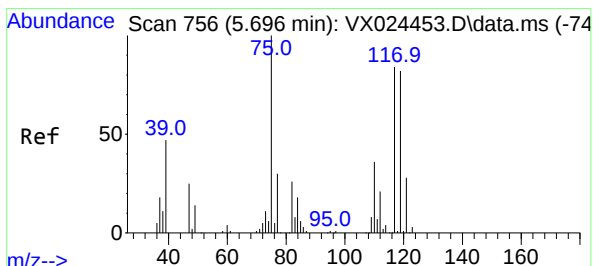
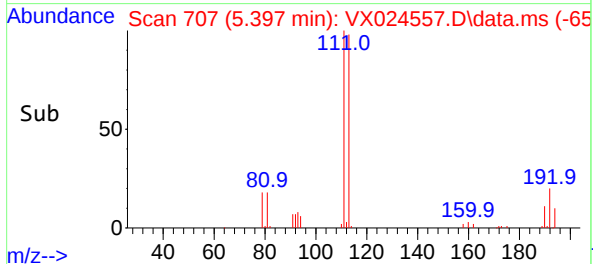
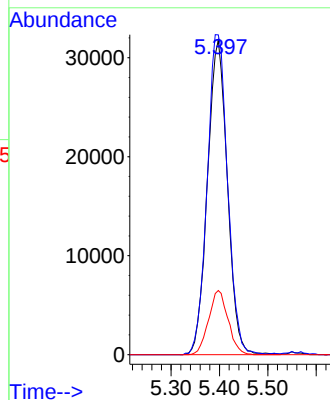
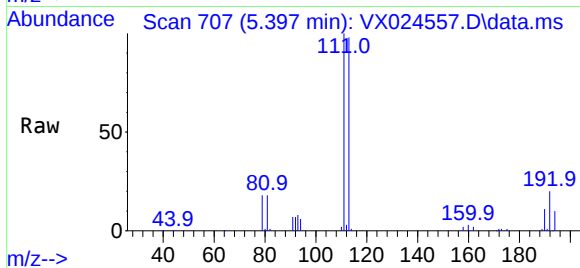




#35
Dibromofluoromethane
Concen: 50.207 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

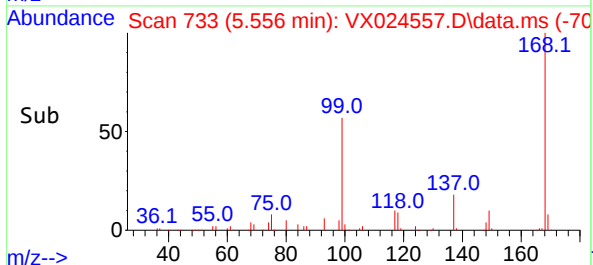
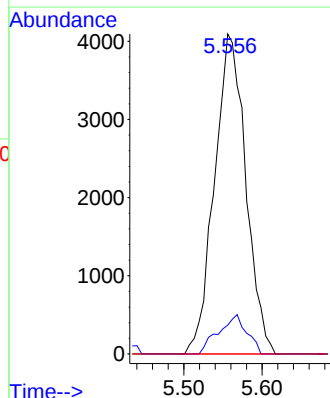
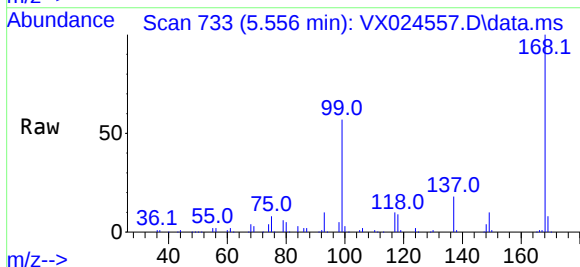
Instrument :
MSVOA_X
ClientSampled :
MW-6

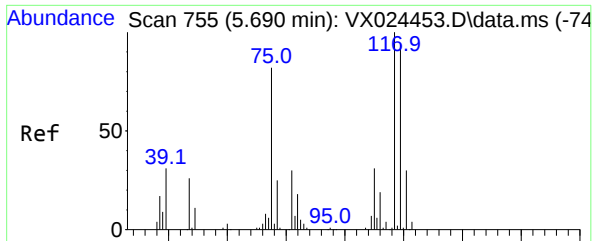
Tgt Ion:	113	Resp:	90972
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.9	122.9
192	19.9	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.342 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

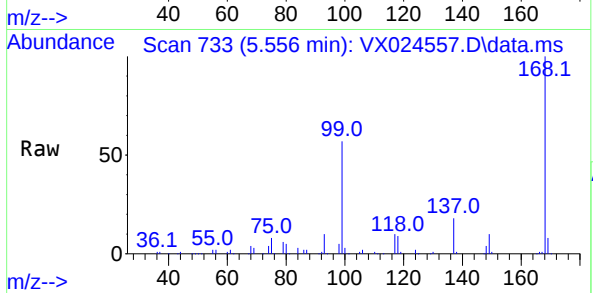
Tgt Ion:	75	Resp:	11353
Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.1	54.4#
77	0.0	25.3	37.9#



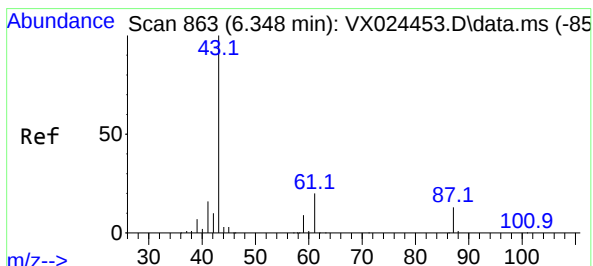
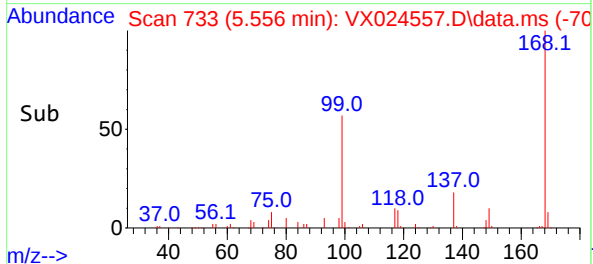
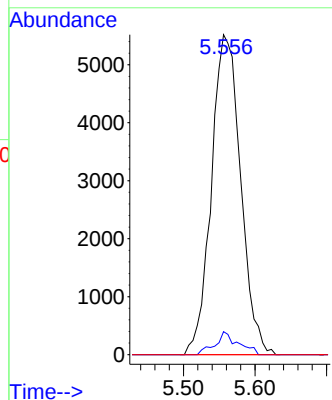


#38
Carbon Tetrachloride
Concen: 5.498 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Instrument :
MSVOA_X
ClientSampleId :
MW-6

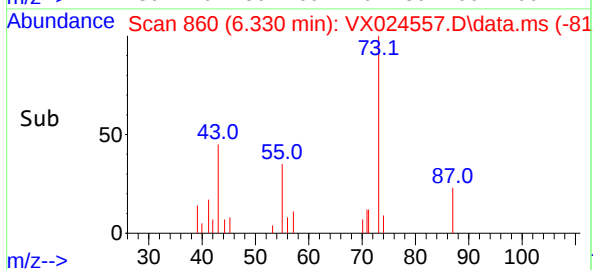
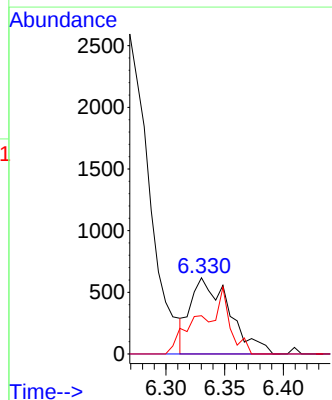
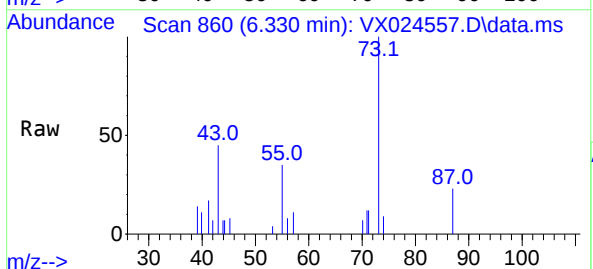


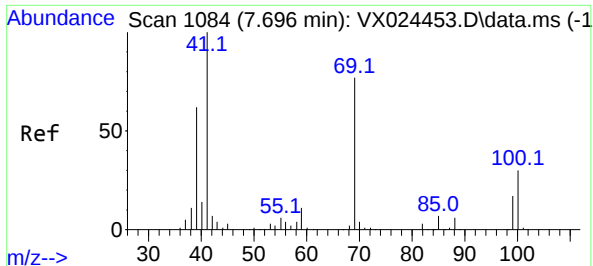
Tgt Ion:117 Resp: 15650
Ion Ratio Lower Upper
117 100
119 7.2 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 0.287 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.018 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Tgt Ion: 43 Resp: 1423
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 65.5 12.5 18.7#



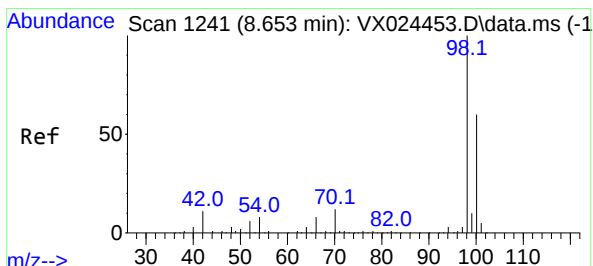
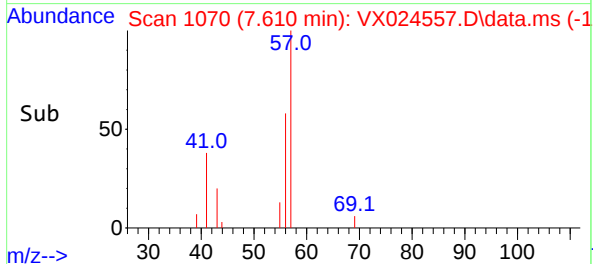
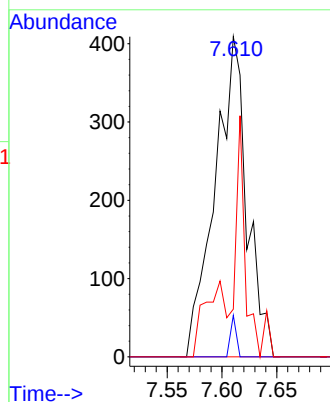
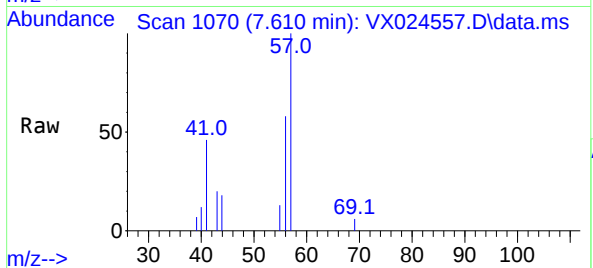


#48

Methyl methacrylate
Concen: 0.338 ug/l
RT: 7.610 min Scan# 1070
Delta R.T. -0.086 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Instrument :
MSVOA_X
ClientSampled :
MW-6

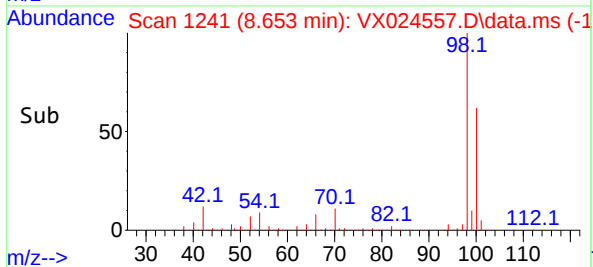
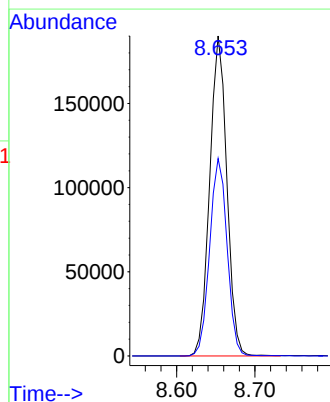
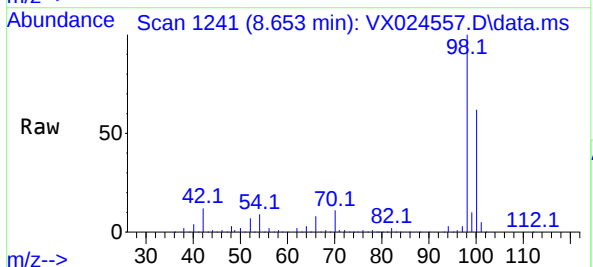
Tgt Ion: 41 Resp: 831
Ion Ratio Lower Upper
41 100
69 2.3 76.0 114.0#
39 39.1 44.6 67.0#

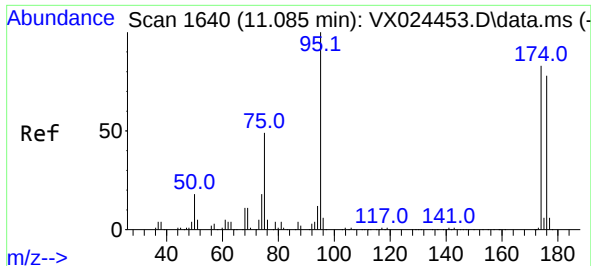


#50

Toluene-d8
Concen: 43.290 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Tgt Ion: 98 Resp: 288697
Ion Ratio Lower Upper
98 100
100 62.8 51.9 77.9

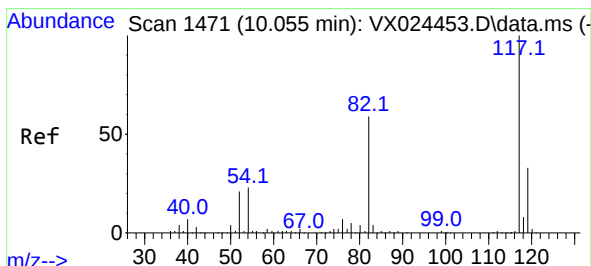
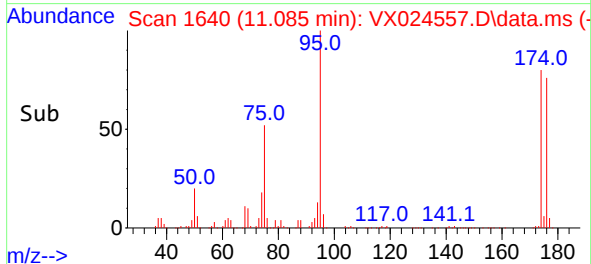
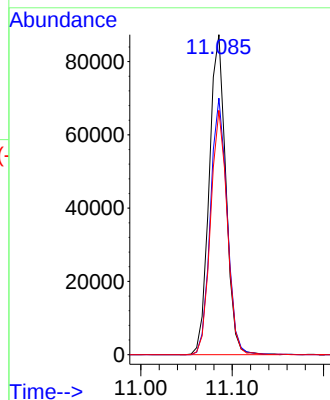
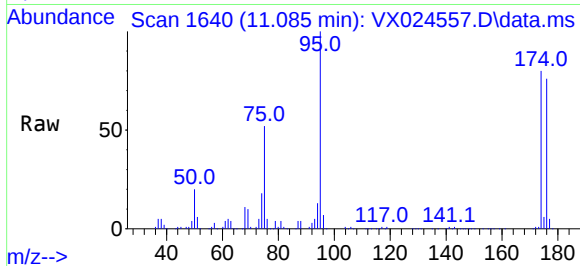




#62
4-Bromofluorobenzene
Concen: 41.891 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

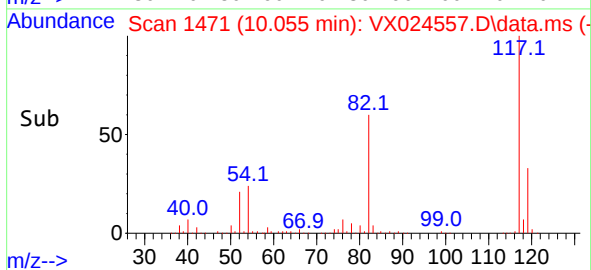
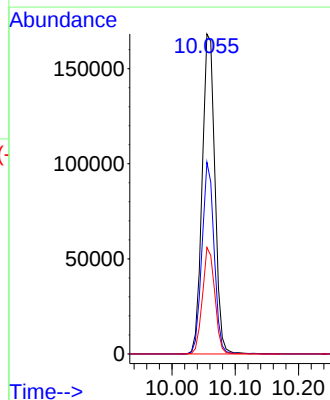
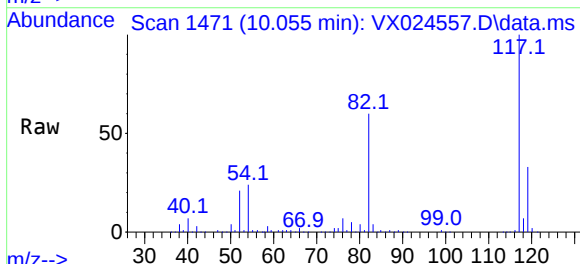
Instrument :
MSVOA_X
ClientSampled :
MW-6

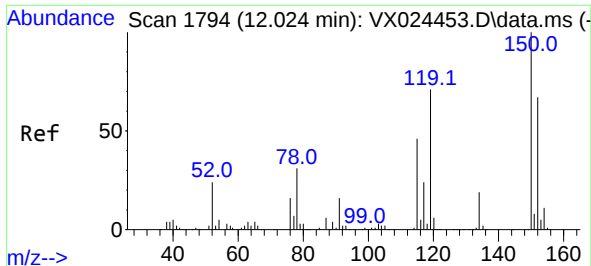
Tgt Ion: 95 Resp: 109843
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 76.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Tgt Ion: 117 Resp: 235999
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 33.3 26.6 39.8

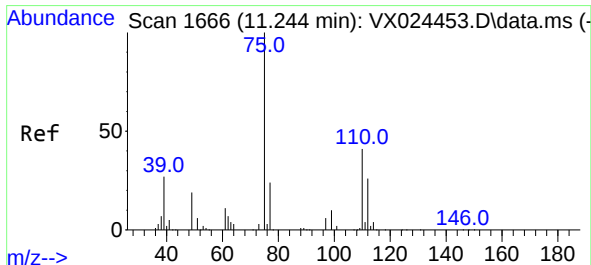
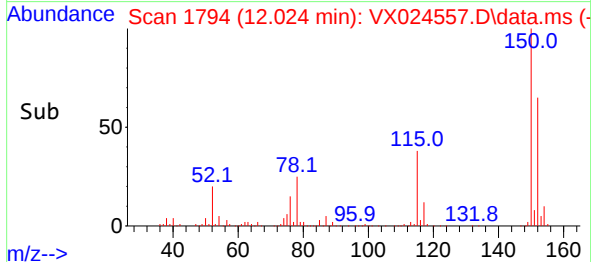
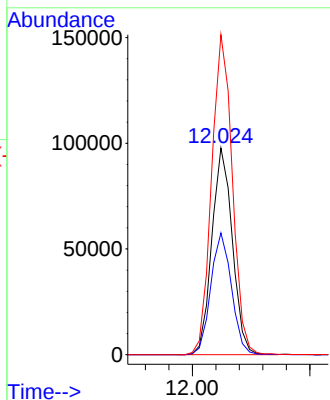
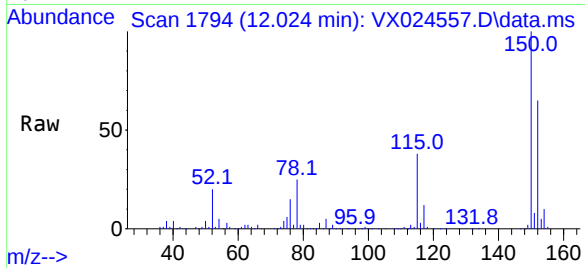




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

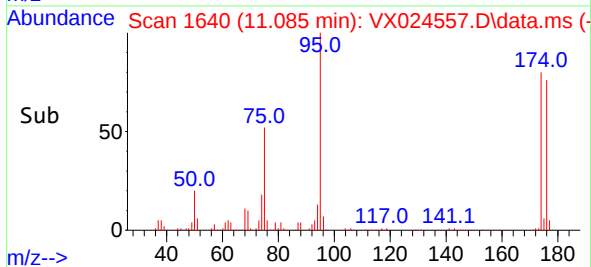
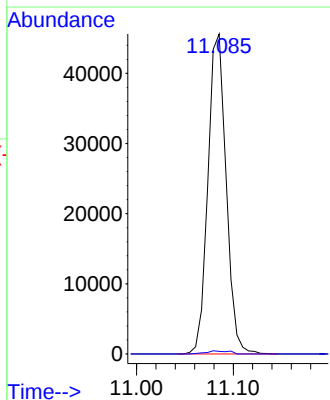
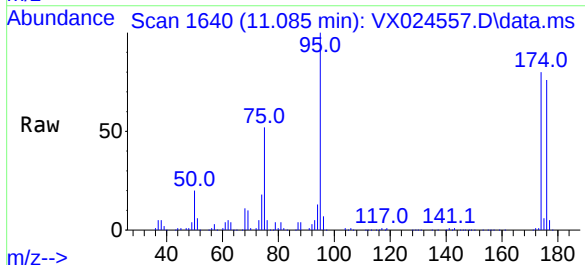
Instrument :
MSVOA_X
ClientSampled :
MW-6

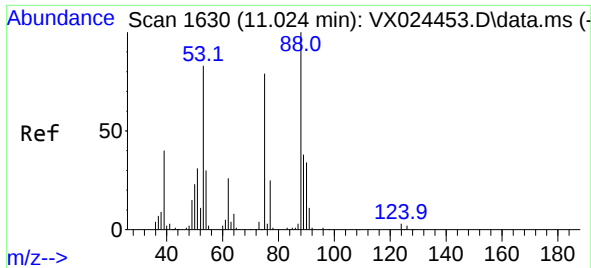
Tgt Ion:152 Resp: 118450
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 156.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 22.221 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

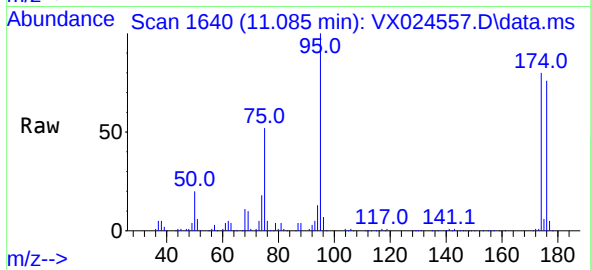
Tgt Ion: 75 Resp: 59773
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.811 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Instrument :
MSVOA_X
ClientSampleId :
MW-6



Tgt Ion: 75 Resp: 59773
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

