

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030805.D
 Acq On : 26 Aug 2022 05:21
 Operator : JC/MD
 Sample : N4262-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107(42.5FT)

Quant Time: Aug 26 05:57:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

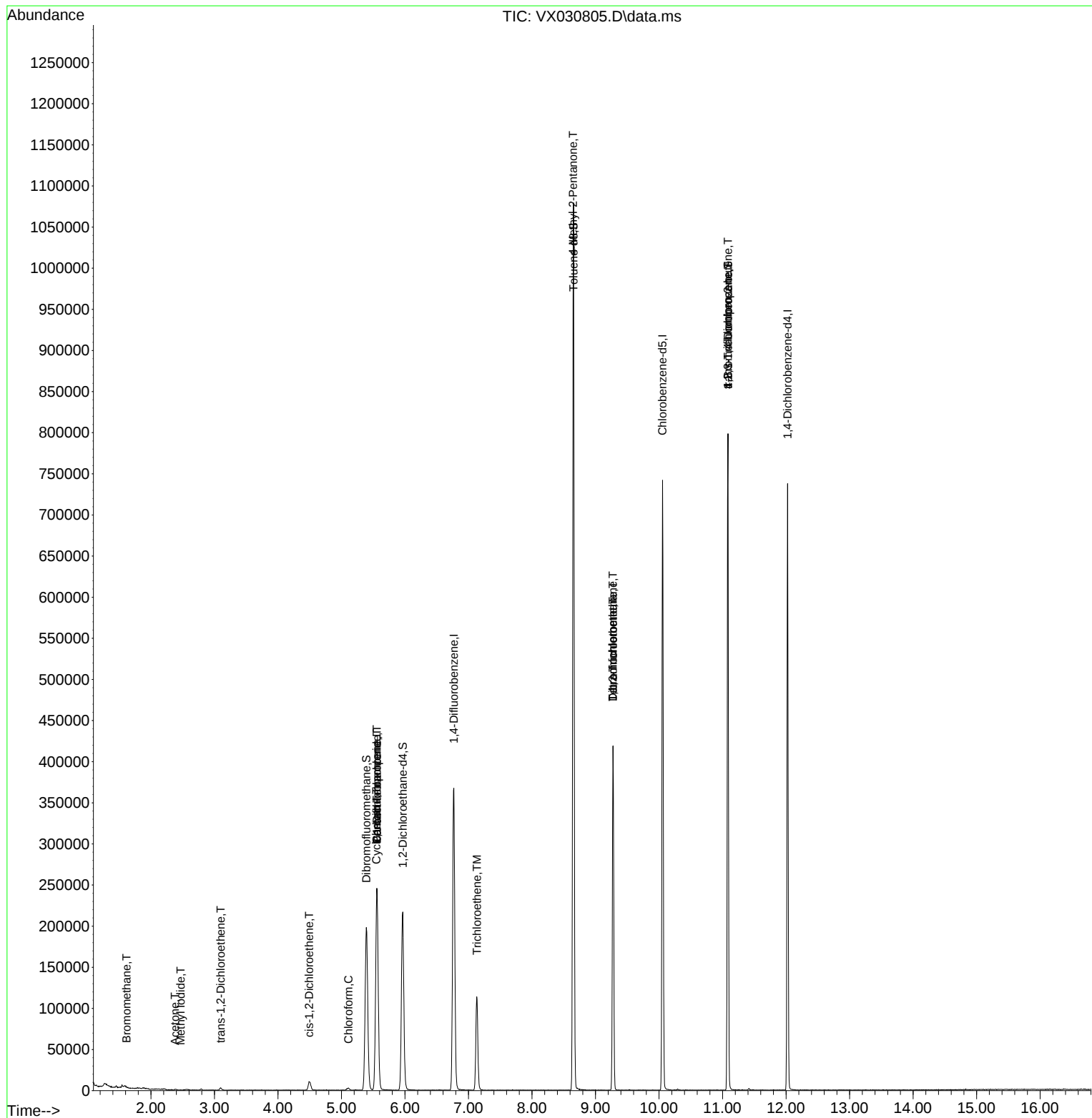
Internal Standards						
1) Pentafluorobenzene	5.556	168	234512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	389582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	206374	74.814	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 149.620%#	
35) Dibromofluoromethane	5.391	113	177352	74.072	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 148.140%#	
50) Toluene-d8	8.653	98	648053	77.673	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 155.340%#	
62) 4-Bromofluorobenzene	11.085	95	216920	69.834	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 139.660%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	376	Below Cal		95
4) Vinyl Chloride	1.374	62	25	Below Cal	#	1
5) Bromomethane	1.617	94	289	0.264	ug/l	87
6) Chloroethane	1.678	64	86	Below Cal	#	41
10) Methyl Iodide	2.465	142	21	4.040	ug/l	# 45
16) Acetone	2.380	43	1095	0.859	ug/l	# 88
17) Carbon Disulfide	2.508	76	300	Below Cal	#	74
20) Methylene Chloride	2.794	84	545	Below Cal		94
21) trans-1,2-Dichloroethene	3.099	96	1192	0.522	ug/l	# 77
27) cis-1,2-Dichloroethene	4.489	96	7012	2.486	ug/l	97
30) Chloroform	5.111	83	1582	0.336	ug/l	# 81
31) Cyclohexane	5.550	56	4570	1.296	ug/l	# 9
36) 1,1-Dichloropropene	5.556	75	18063	5.540	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	23889	6.946	ug/l	# 16
44) Trichloroethene	7.135	130	45875	16.278	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	2436	0.621	ug/l	# 1
55) 1,1,2-Trichloroethane	9.275	97	758	0.280	ug/l	# 1
60) Dibromochloromethane	9.275	129	80089	28.385	ug/l	# 11
64) Tetrachloroethene	9.275	164	80421	29.160	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	104423	31.498	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.085	75	104423	101.628	ug/l	# 13

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

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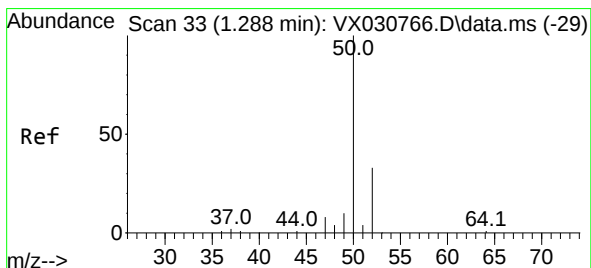
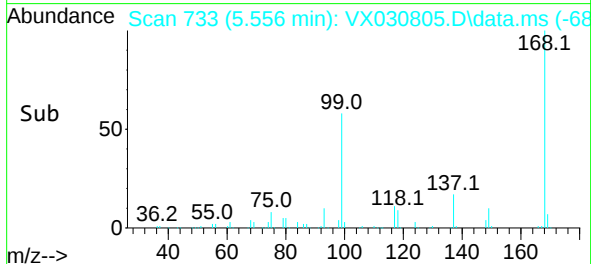
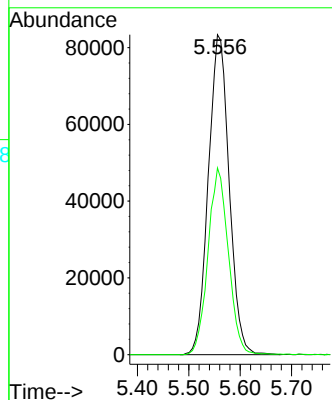
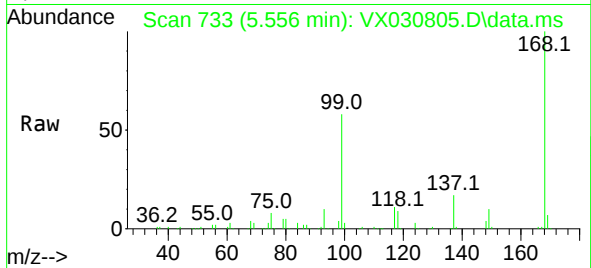




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

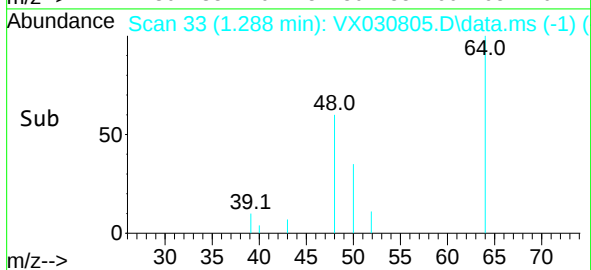
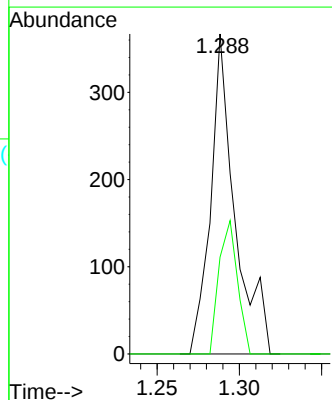
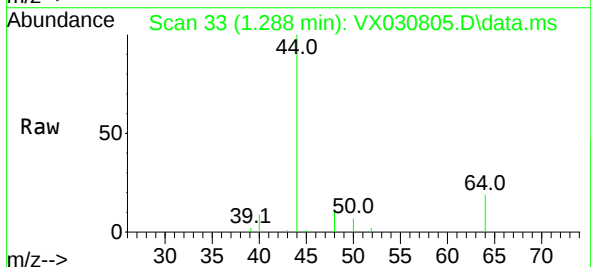
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

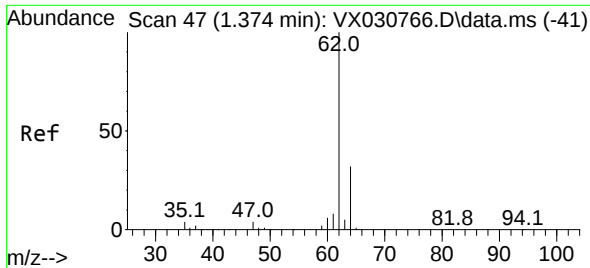
Tgt Ion:168 Resp: 234512
Ion Ratio Lower Upper
168 100
99 58.4 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

Tgt Ion: 50 Resp: 376
Ion Ratio Lower Upper
50 100
52 30.2 26.3 39.5

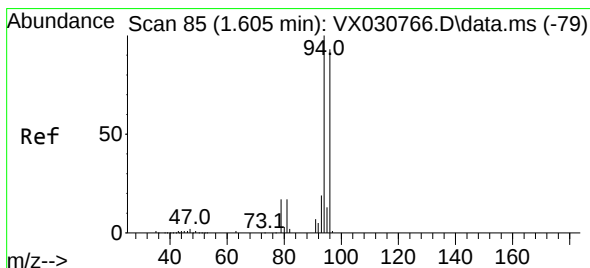
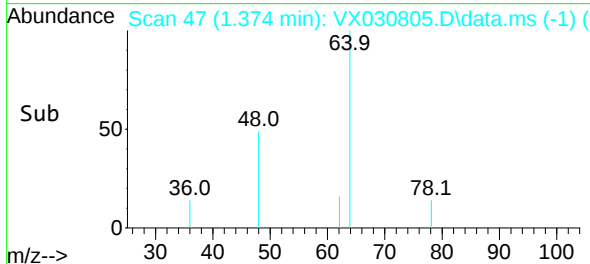
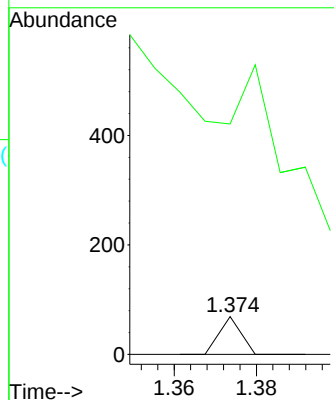
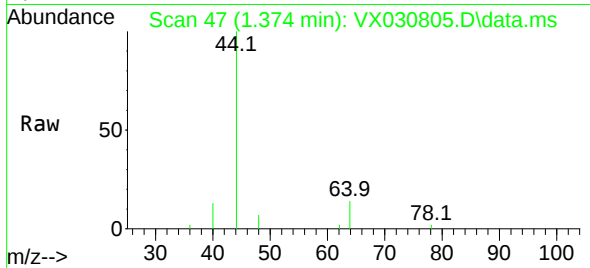




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030805.D
 Acq: 26 Aug 2022 05:21

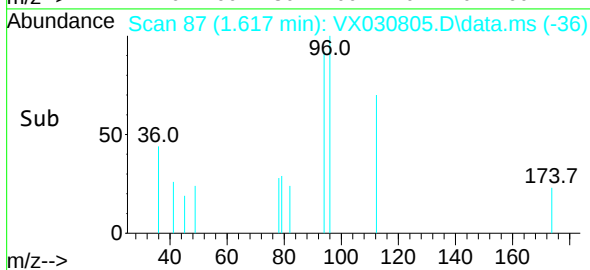
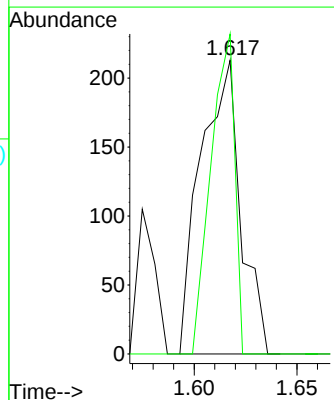
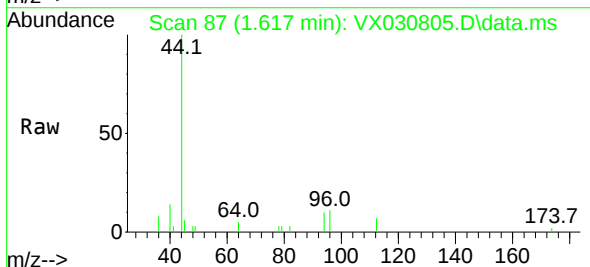
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107(42.5FT)

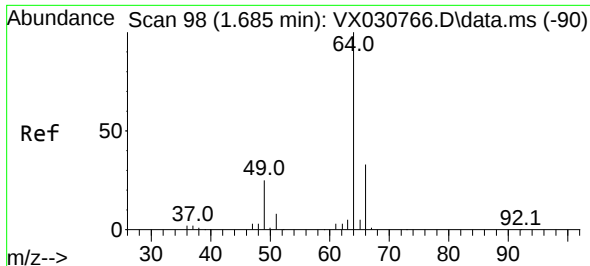
Tgt Ion: 62 Resp: 25
 Ion Ratio Lower Upper
 62 100
 64 129.0 25.2 37.8#



#5
 Bromomethane
 Concen: 0.264 ug/l
 RT: 1.617 min Scan# 87
 Delta R.T. 0.012 min
 Lab File: VX030805.D
 Acq: 26 Aug 2022 05:21

Tgt Ion: 94 Resp: 289
 Ion Ratio Lower Upper
 94 100
 96 108.9 76.9 115.3

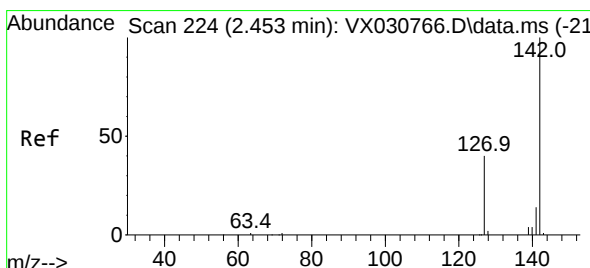
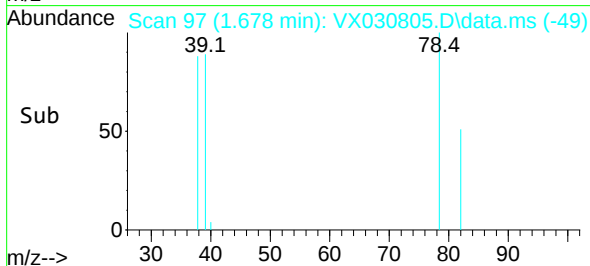
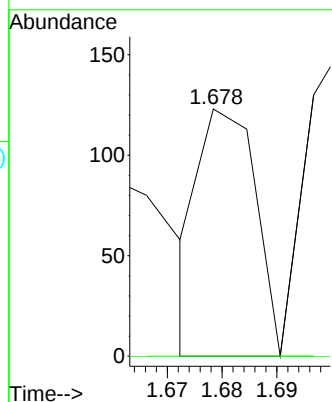
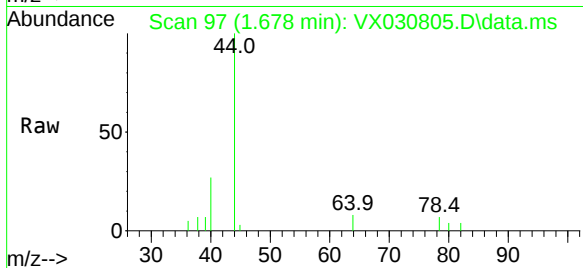




#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

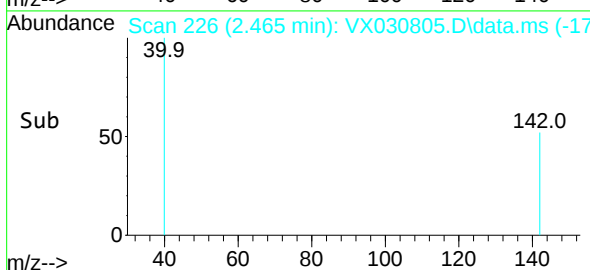
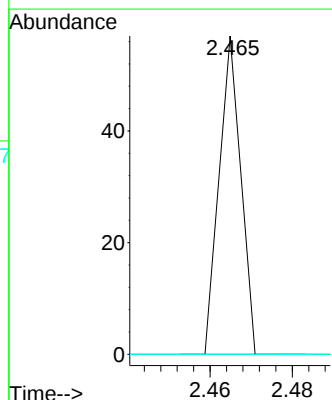
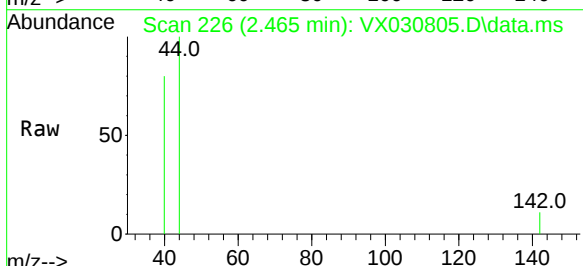
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

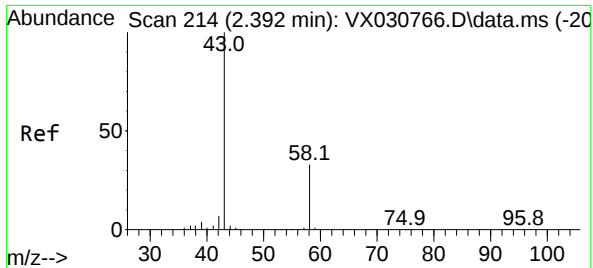
Tgt Ion: 64 Resp: 86
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.040 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

Tgt Ion: 142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

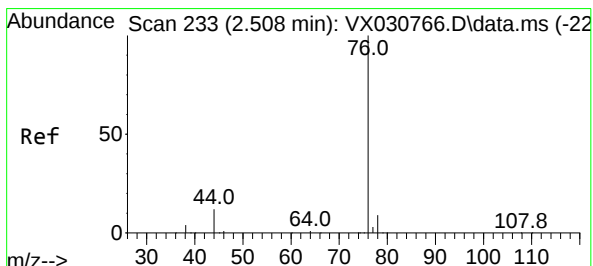
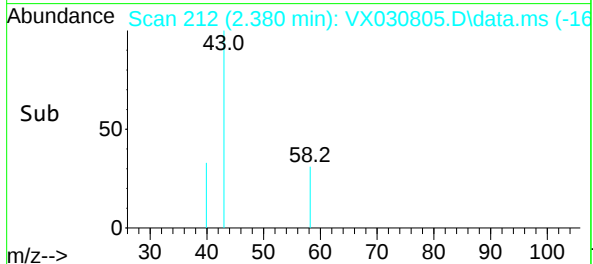
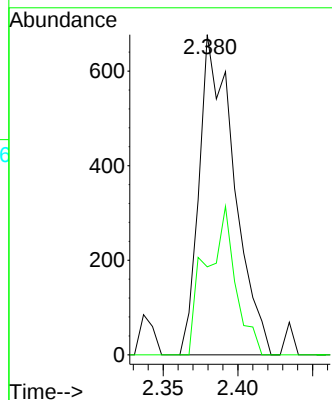
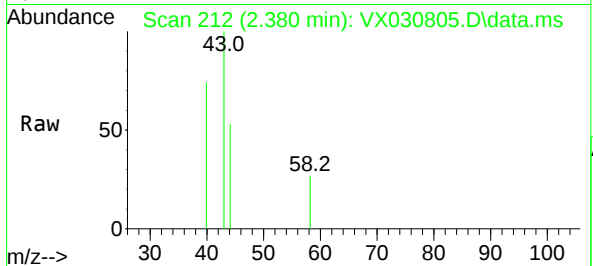




#16
Acetone
Concen: 0.859 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

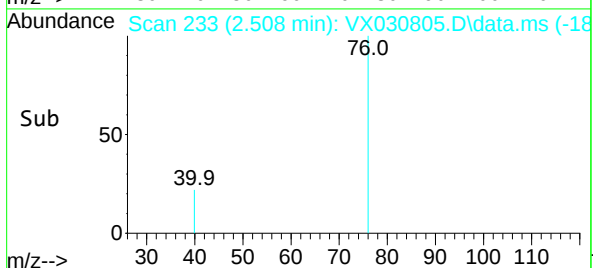
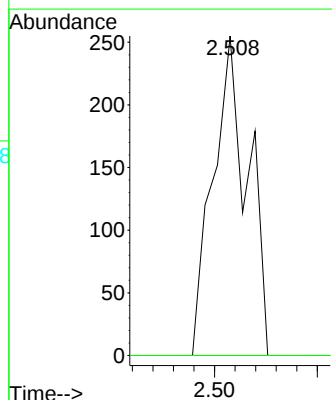
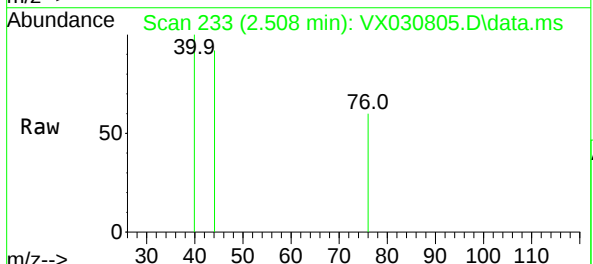
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

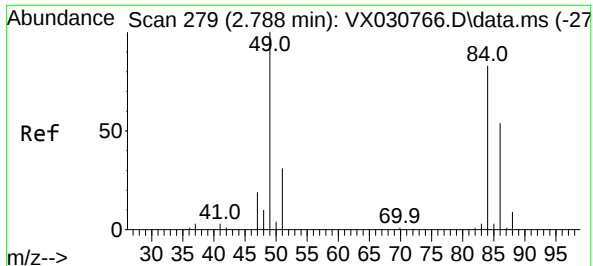
Tgt Ion: 43 Resp: 1095
Ion Ratio Lower Upper
43 100
58 27.5 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

Tgt Ion: 76 Resp: 300
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

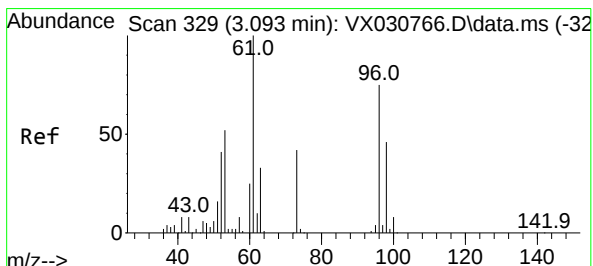
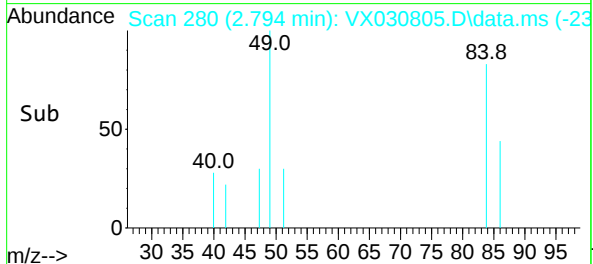
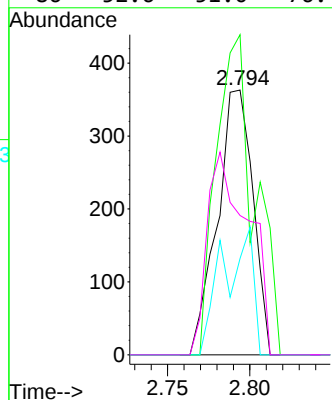
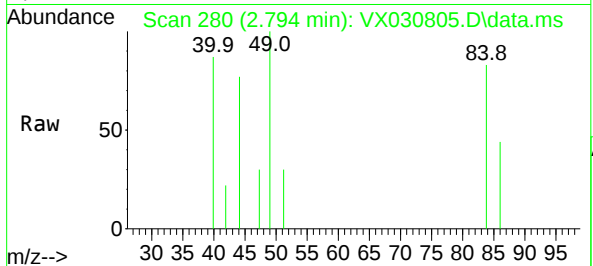




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

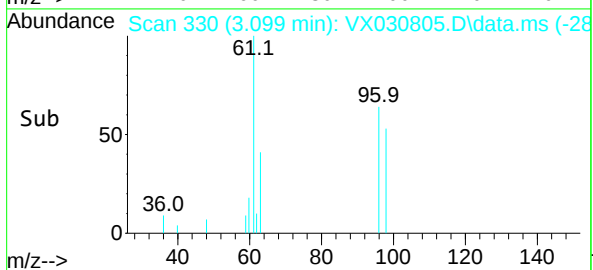
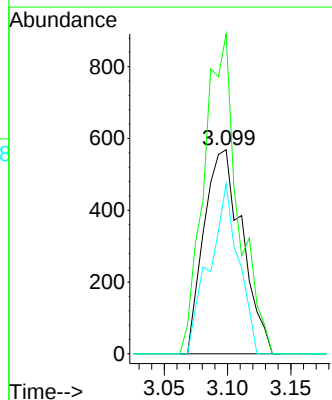
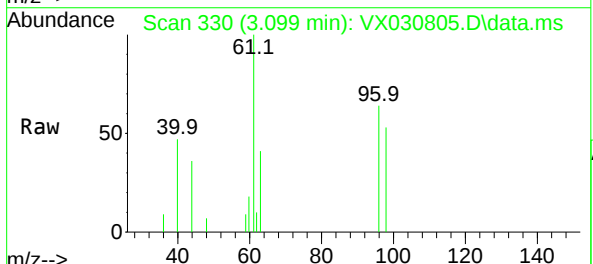
Instrument :
MSVOA_X
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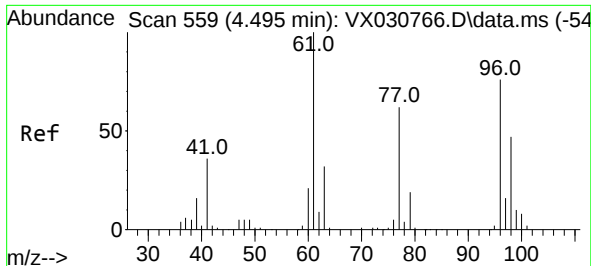
Tgt Ion: 84	Resp: 545
Ion Ratio	Lower Upper
84 100	
49 120.9	93.8 140.6
51 36.4	29.4 44.0
86 52.6	51.0 76.4



#21
trans-1,2-Dichloroethene
Concen: 0.522 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

Tgt Ion: 96	Resp: 1192		
Ion Ratio	Lower	Upper	
96	100		
61	156.6	105.6	158.4
98	83.3	50.1	75.1#

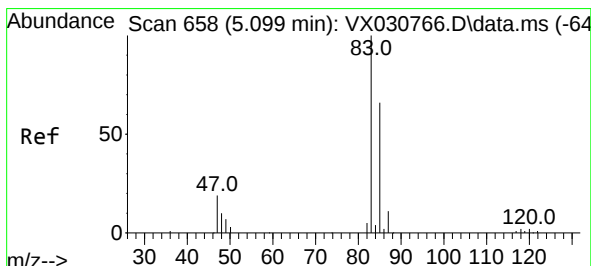
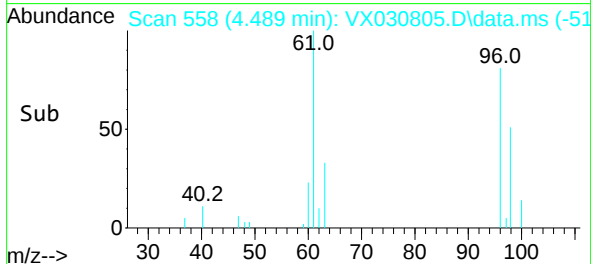
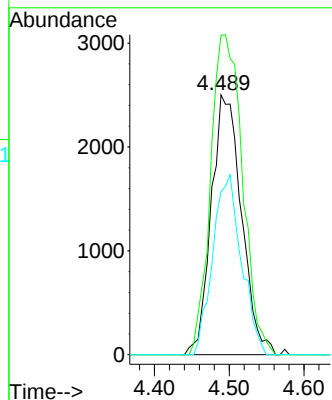
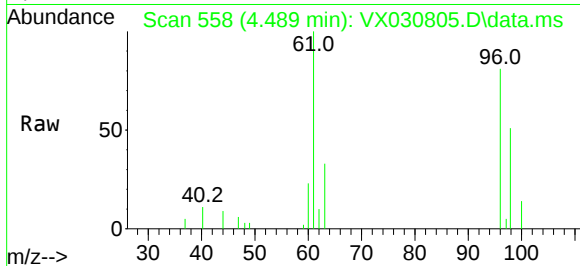




#27
 cis-1,2-Dichloroethene
 Concen: 2.486 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX030805.D
 Acq: 26 Aug 2022 05:21

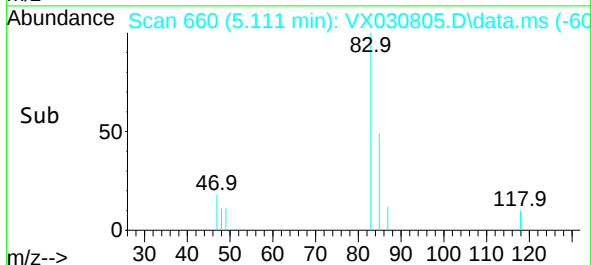
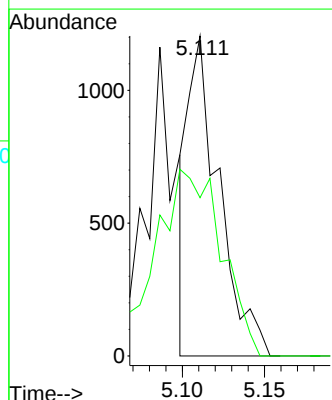
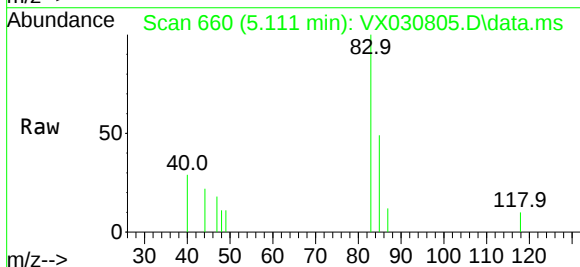
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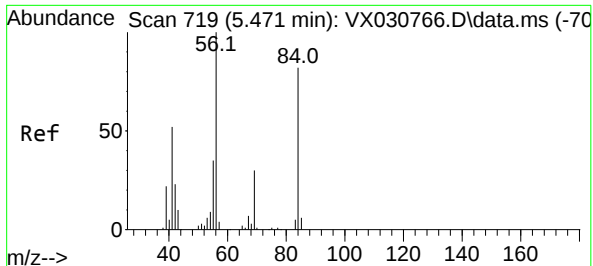
Tgt Ion: 96 Resp: 7012
 Ion Ratio Lower Upper
 96 100
 61 130.4 0.0 270.0
 98 65.8 0.0 127.8



#30
 Chloroform
 Concen: 0.336 ug/l
 RT: 5.111 min Scan# 660
 Delta R.T. 0.012 min
 Lab File: VX030805.D
 Acq: 26 Aug 2022 05:21

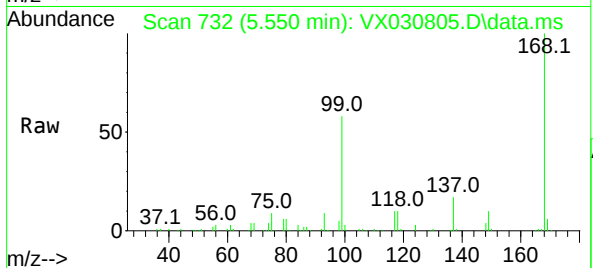
Tgt Ion: 83 Resp: 1582
 Ion Ratio Lower Upper
 83 100
 85 49.5 51.5 77.3#



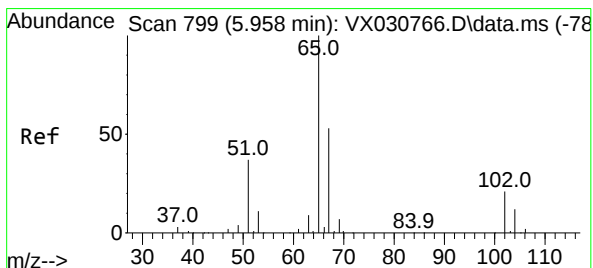
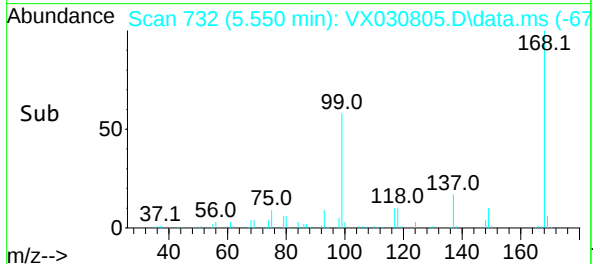
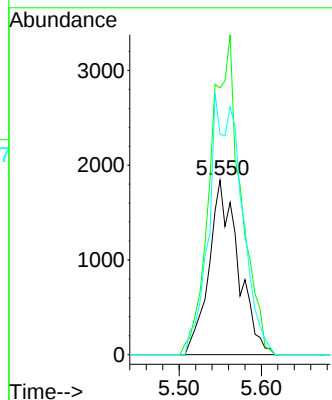


#31
Cyclohexane
Concen: 1.296 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

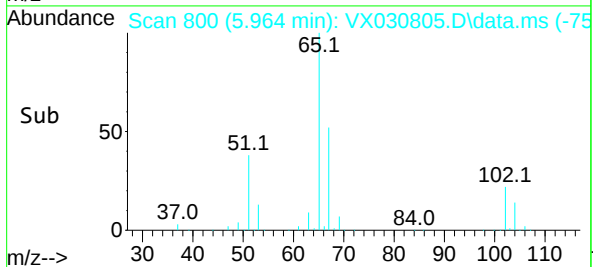
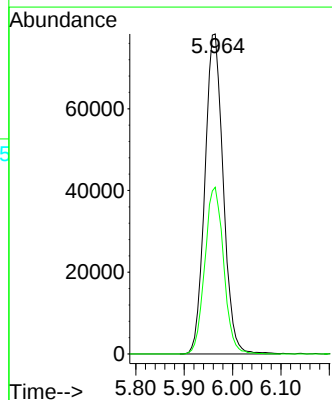
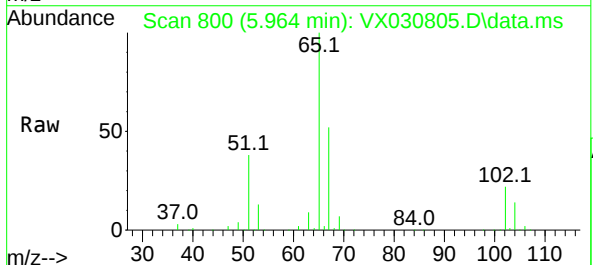


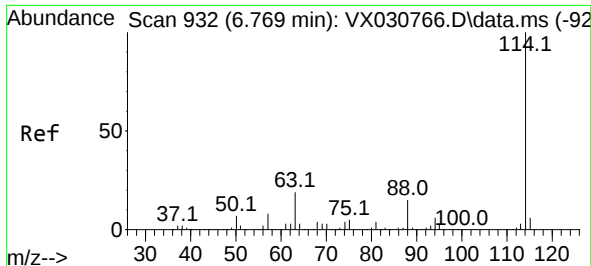
Tgt Ion: 56 Resp: 4570
Ion Ratio Lower Upper
56 100
69 152.9 25.4 38.0#
84 126.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 74.814 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

Tgt Ion: 65 Resp: 206374
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6

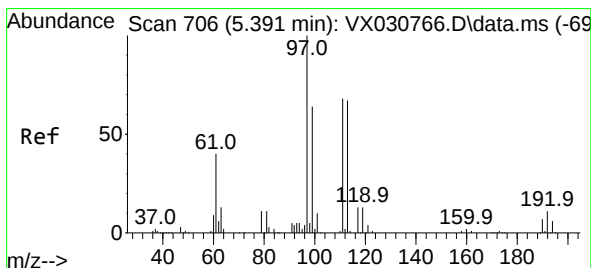
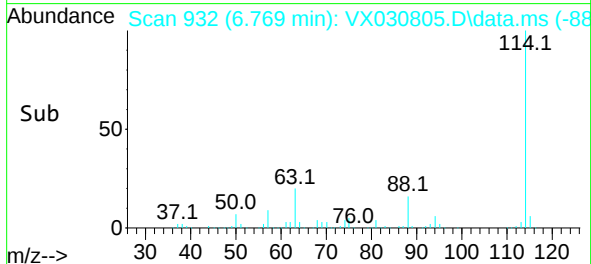
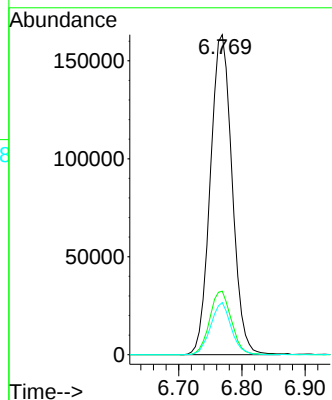
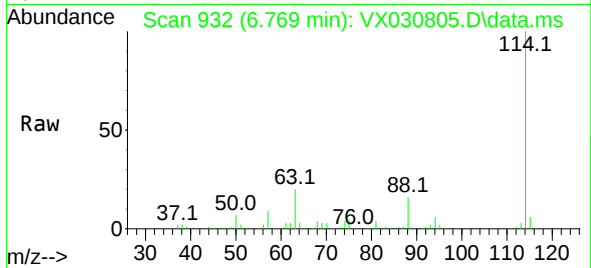




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

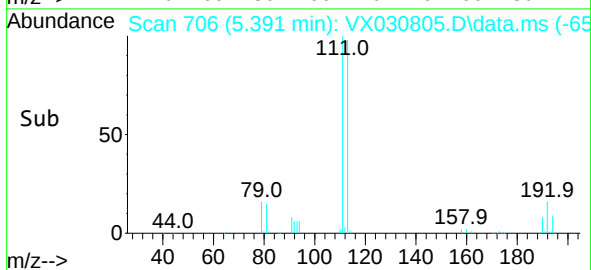
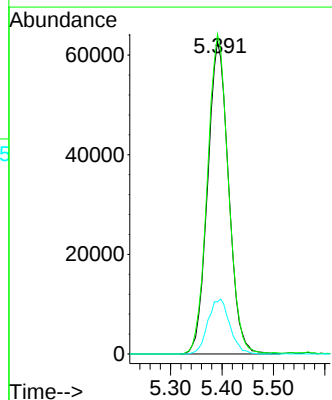
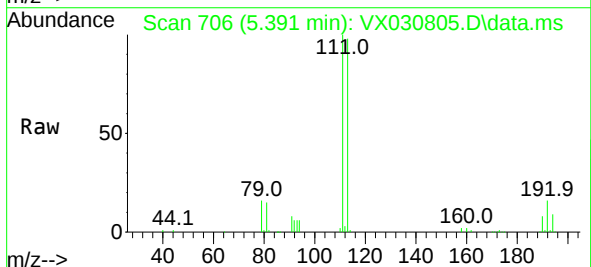
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

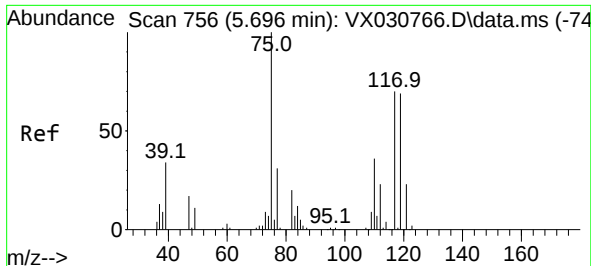
Tgt Ion:114 Resp: 389582
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.4
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 74.072 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

Tgt Ion:113 Resp: 177352
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 18.3 14.8 22.2

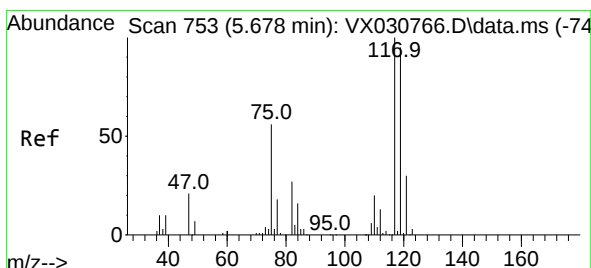
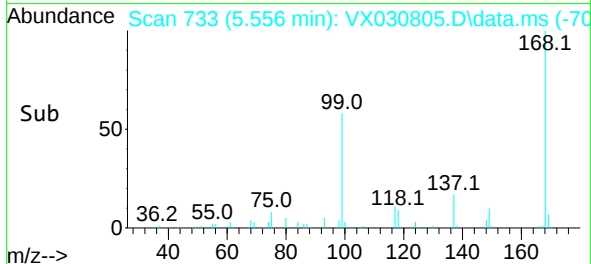
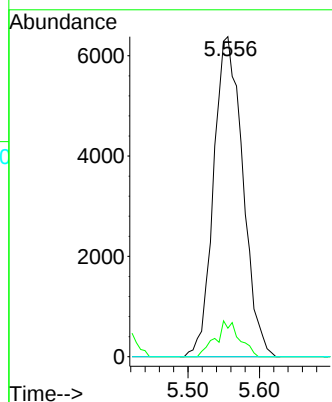
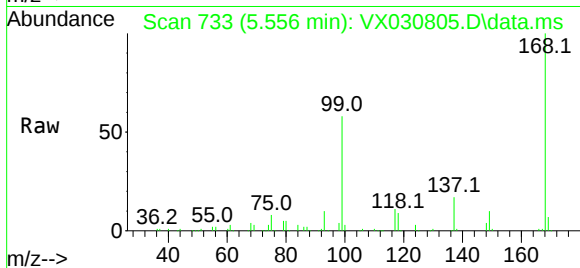




#36
1,1-Dichloropropene
Concen: 5.540 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

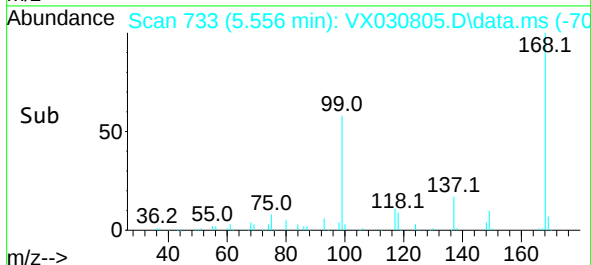
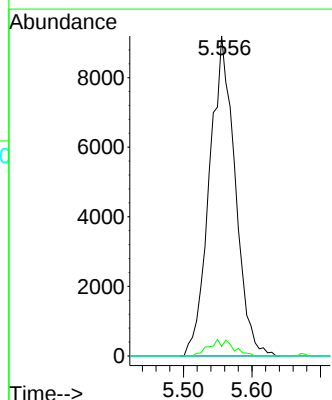
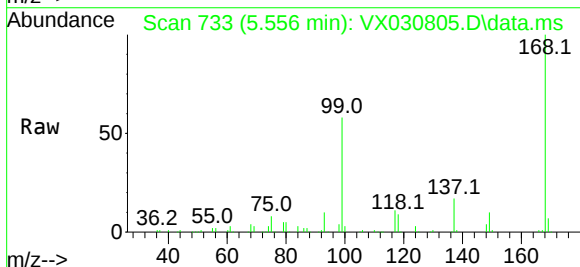
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

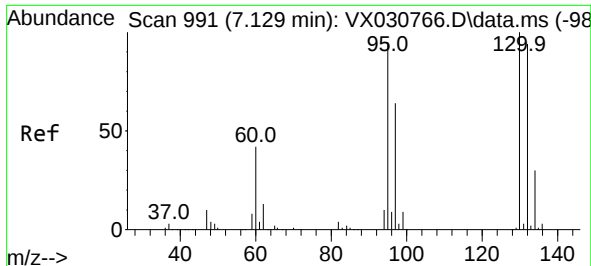
Tgt Ion: 75 Resp: 18063
Ion Ratio Lower Upper
75 100
110 9.1 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.946 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

Tgt Ion: 117 Resp: 23889
Ion Ratio Lower Upper
117 100
119 2.9 74.1 111.1#
121 0.0 25.8 38.8#

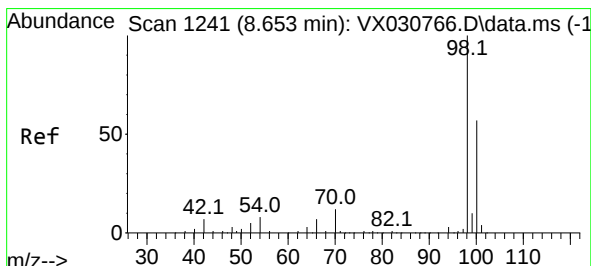
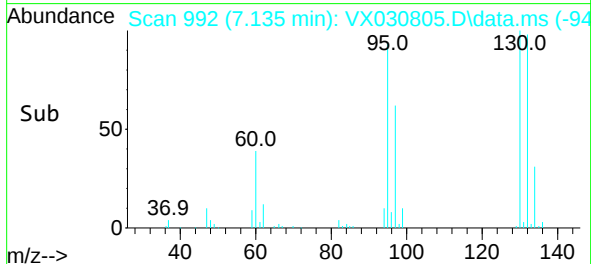
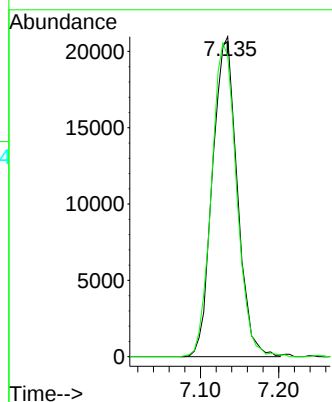
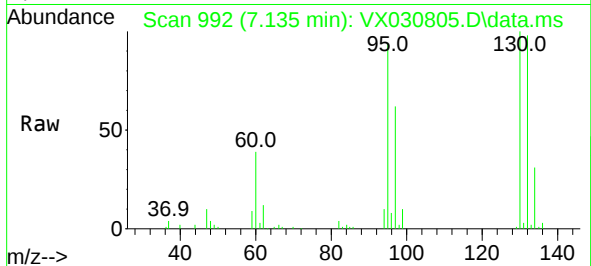




#44
 Trichloroethene
 Concen: 16.278 ug/l
 RT: 7.135 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX030805.D
 Acq: 26 Aug 2022 05:21

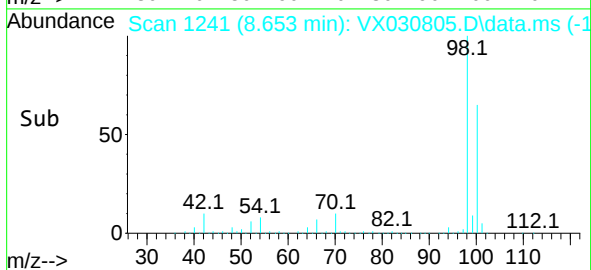
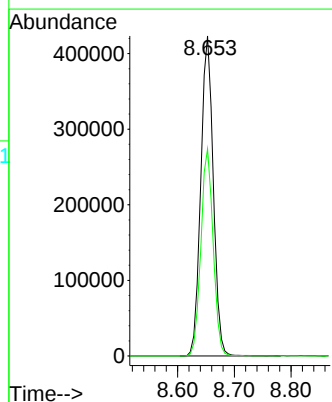
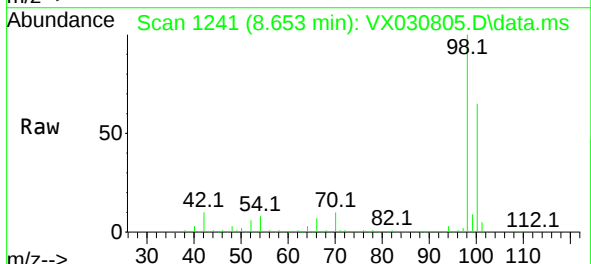
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107(42.5FT)

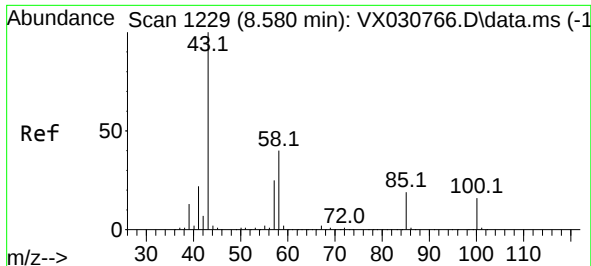
Tgt Ion:130 Resp: 45875
 Ion Ratio Lower Upper
 130 100
 95 94.0 0.0 194.8



#50
 Toluene-d8
 Concen: 77.673 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX030805.D
 Acq: 26 Aug 2022 05:21

Tgt Ion: 98 Resp: 648053
 Ion Ratio Lower Upper
 98 100
 100 63.4 52.3 78.5

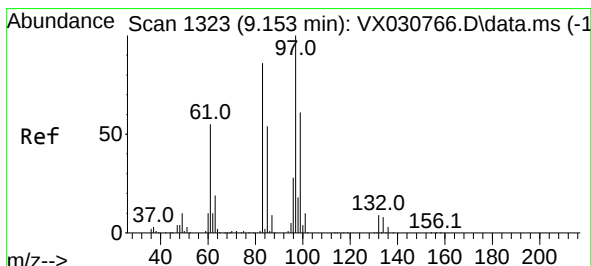
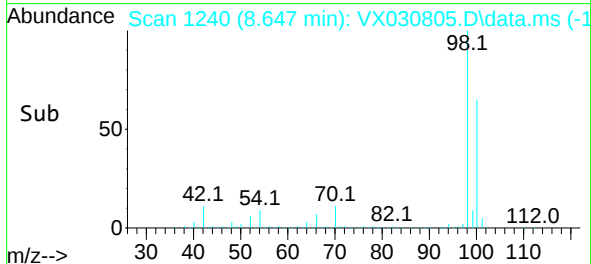
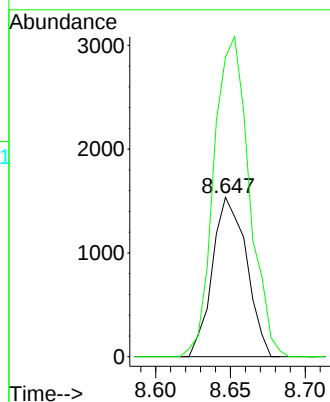
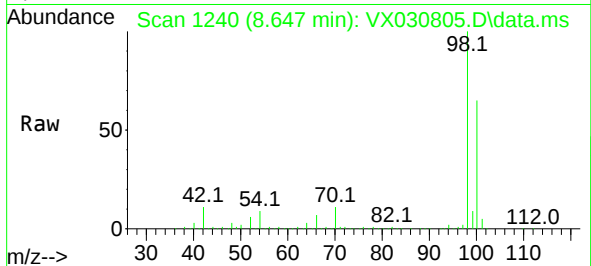




#51
4-Methyl-2-Pentanone
Concen: 0.621 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

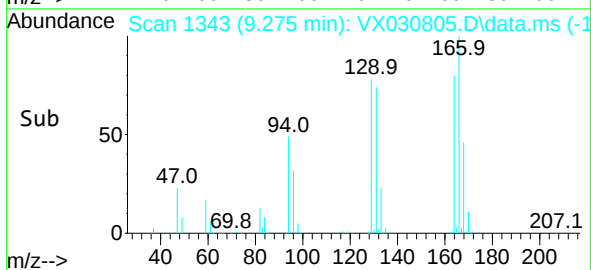
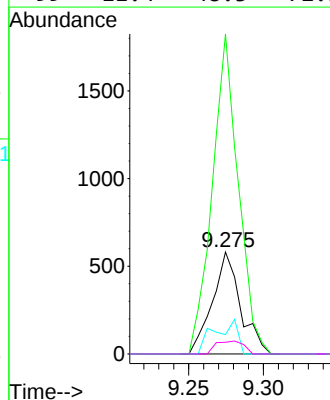
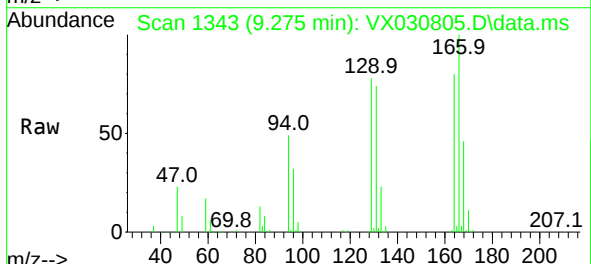
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

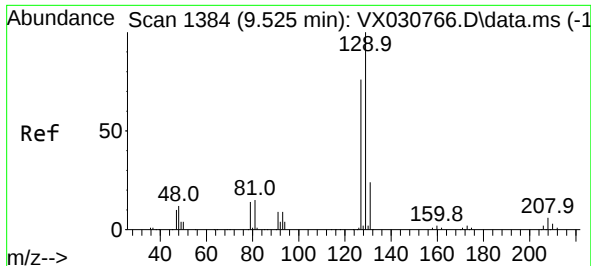
Tgt Ion: 43 Resp: 2436
Ion Ratio Lower Upper
43 100
58 208.3 31.4 47.2#



#55
1,1,2-Trichloroethane
Concen: 0.280 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.122 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

Tgt Ion: 97 Resp: 758
Ion Ratio Lower Upper
97 100
83 314.1 68.9 103.3#
85 18.9 44.0 66.0#
99 11.4 48.3 72.5#

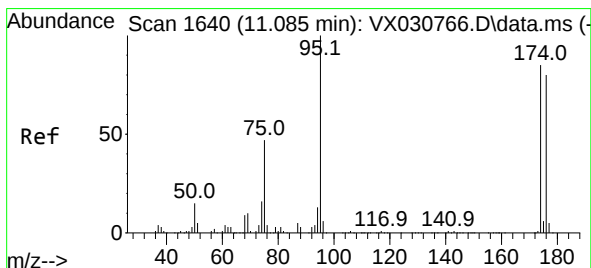
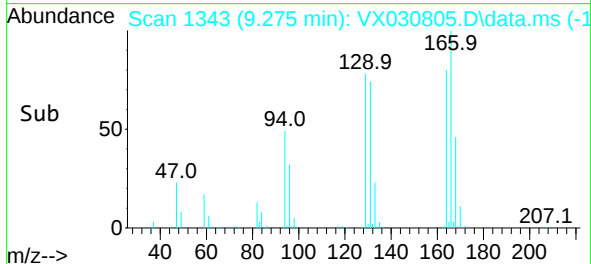
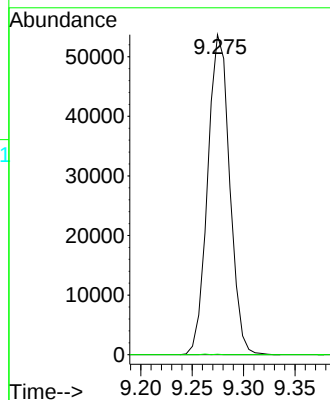
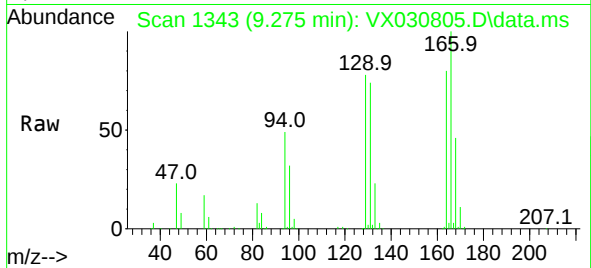




#60
Dibromochloromethane
Concen: 28.385 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

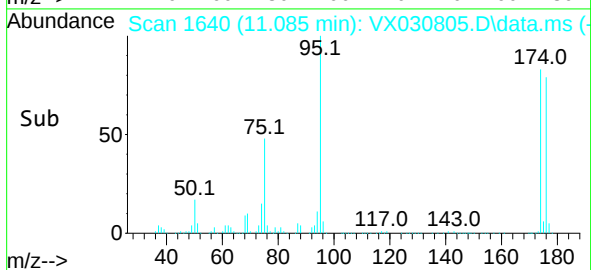
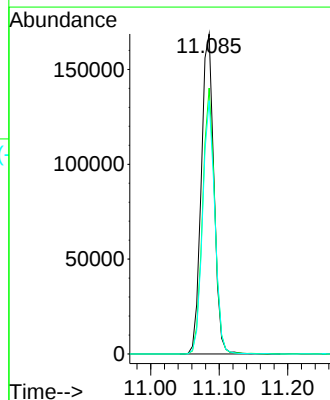
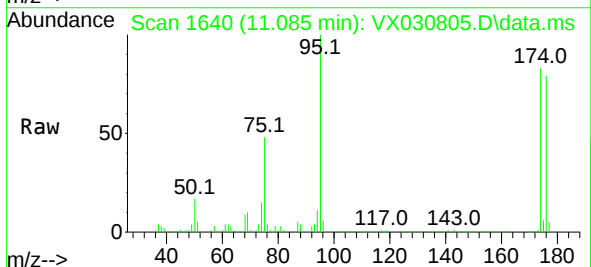
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

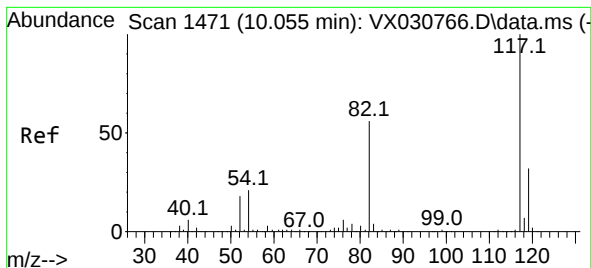
Tgt Ion:129 Resp: 80089
Ion Ratio Lower Upper
129 100
127 0.1 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 69.834 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

Tgt Ion: 95 Resp: 216920
Ion Ratio Lower Upper
95 100
174 79.9 0.0 149.0
176 76.5 0.0 146.0

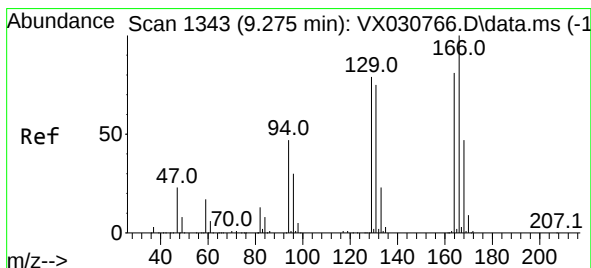
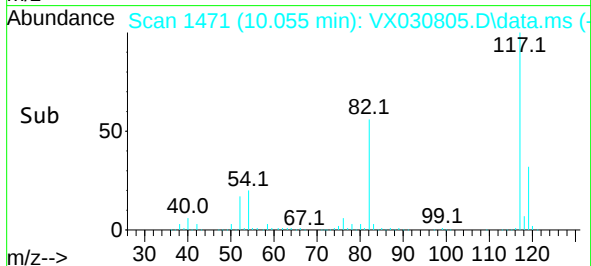
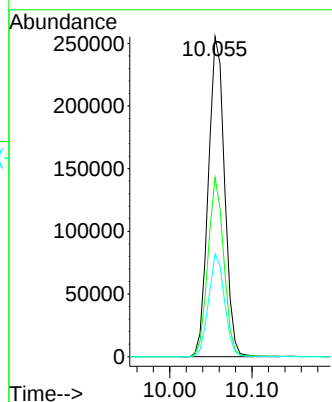
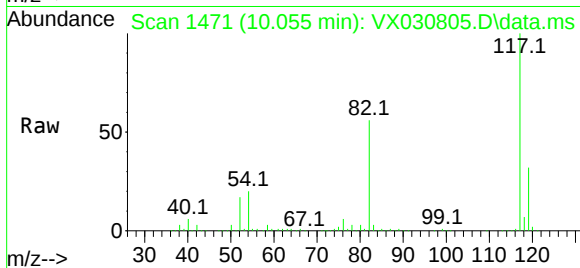




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

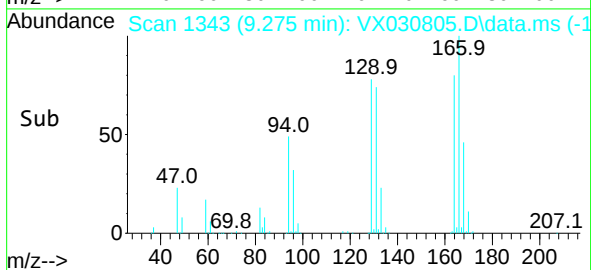
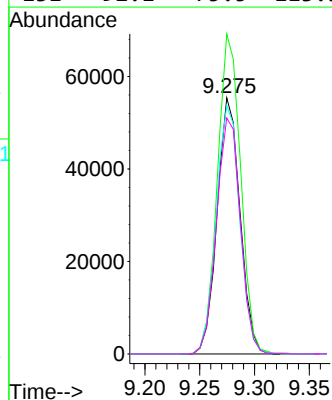
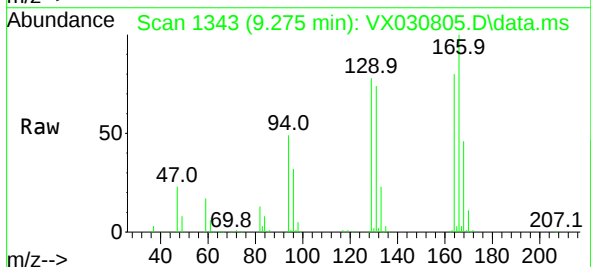
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

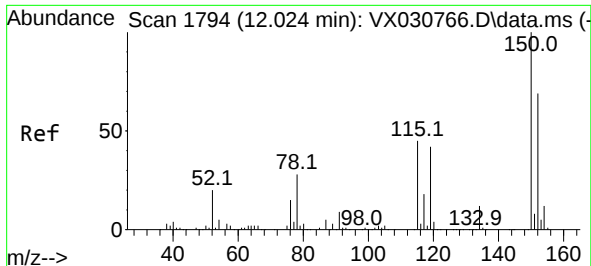
Tgt Ion:117 Resp: 350109
Ion Ratio Lower Upper
117 100
82 56.0 42.7 64.1
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 29.160 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

Tgt Ion:164 Resp: 80421
Ion Ratio Lower Upper
164 100
166 124.9 98.2 147.4
129 97.0 80.8 121.2
131 92.1 75.5 113.3

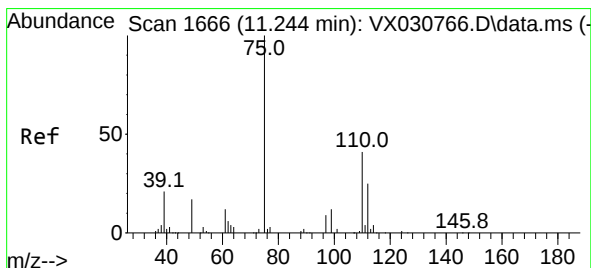
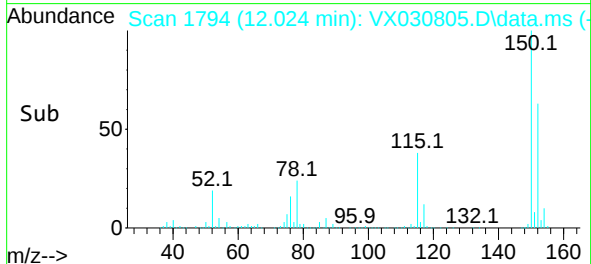
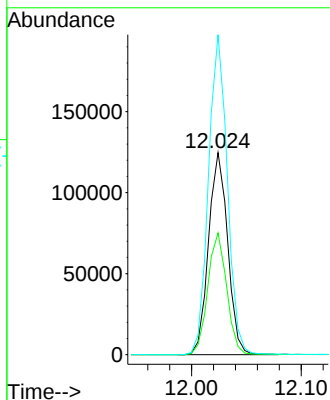
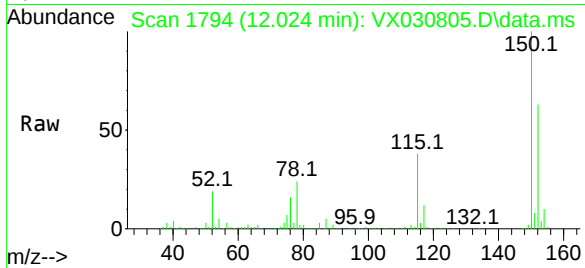




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

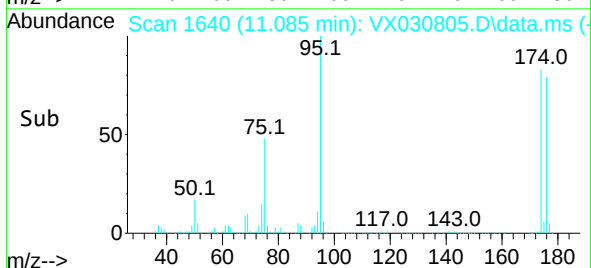
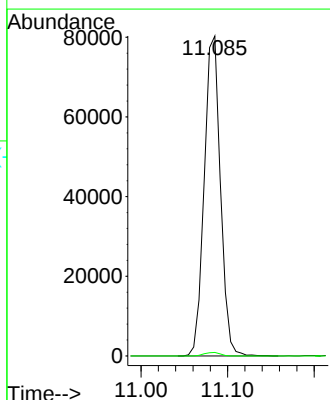
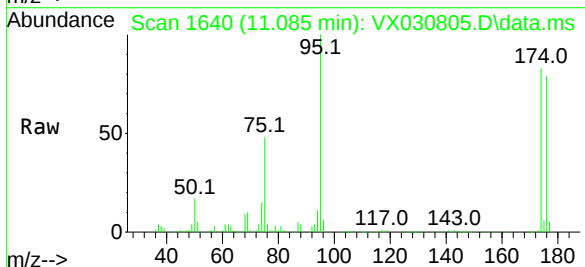
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

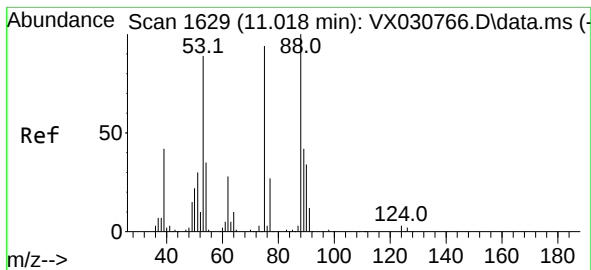
Tgt Ion:152 Resp: 151318
Ion Ratio Lower Upper
152 100
115 59.5 40.5 121.5
150 156.2 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 31.498 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030805.D
Acq: 26 Aug 2022 05:21

Tgt Ion: 75 Resp: 104423
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.628 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX030805.D
 Acq: 26 Aug 2022 05:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107(42.5FT)

Tgt Ion: 75 Resp: 104423
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

