

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030834.D
 Acq On : 26 Aug 2022 19:00
 Operator : JC/MD
 Sample : N4262-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Aug 27 02:41:25 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)

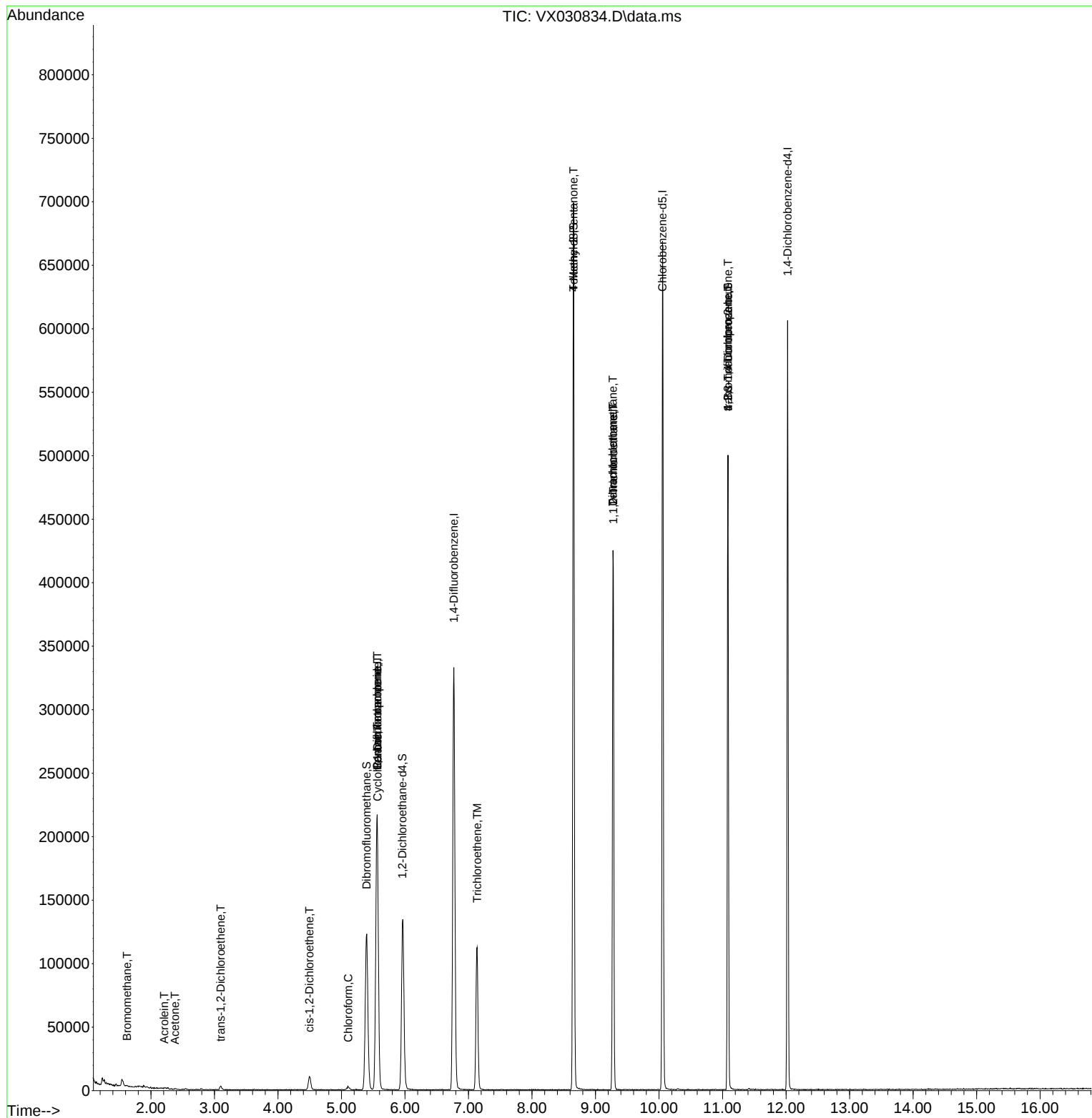
Internal Standards						
1) Pentafluorobenzene	5.562	168	204280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	343587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130241	54.202	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.400%	
35) Dibromofluoromethane	5.397	113	109755	51.976	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.960%	
50) Toluene-d8	8.653	98	410573	55.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.600%	
62) 4-Bromofluorobenzene	11.085	95	131858	48.132	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	170	Below Cal		89
4) Vinyl Chloride	1.374	62	130	Below Cal	#	43
5) Bromomethane	1.624	94	329	0.346	ug/l #	45
6) Chloroethane	1.672	64	191	Below Cal	#	41
13) Acrolein	2.209	56	25	10.104	ug/l #	14
16) Acetone	2.380	43	949	0.855	ug/l #	71
17) Carbon Disulfide	2.501	76	219	Below Cal	#	74
20) Methylene Chloride	2.794	84	450	Below Cal	#	76
21) trans-1,2-Dichloroethene	3.099	96	1106	0.556	ug/l #	77
27) cis-1,2-Dichloroethene	4.495	96	6730	2.739	ug/l	94
30) Chloroform	5.105	83	2996	0.730	ug/l	91
31) Cyclohexane	5.568	56	4398	1.431	ug/l #	10
36) 1,1-Dichloropropene	5.562	75	16174	5.625	ug/l #	49
38) Carbon Tetrachloride	5.562	117	20587	6.788	ug/l #	18
44) Trichloroethene	7.135	130	45247	18.205	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	1657	0.479	ug/l #	1
55) 1,1,2-Trichloroethane	9.281	97	735	0.308	ug/l #	2
60) Dibromochloromethane	9.275	129	79145	31.805	ug/l #	11
64) Tetrachloroethene	9.275	164	81007	33.688	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	64415	23.333	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	64415	75.281	ug/l #	13

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

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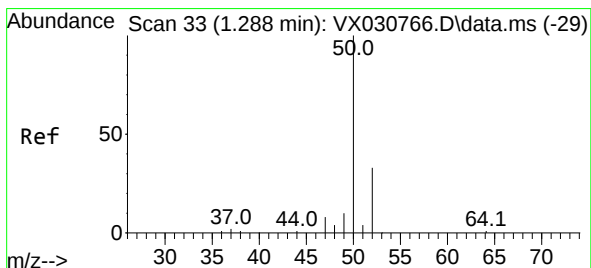
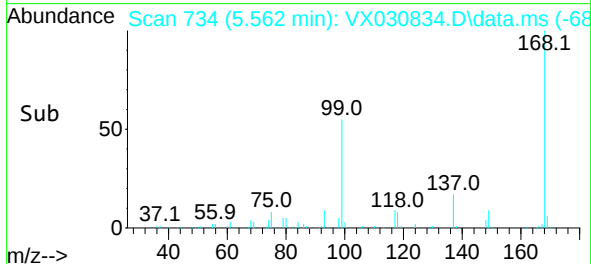
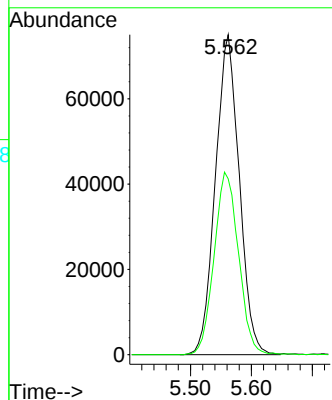
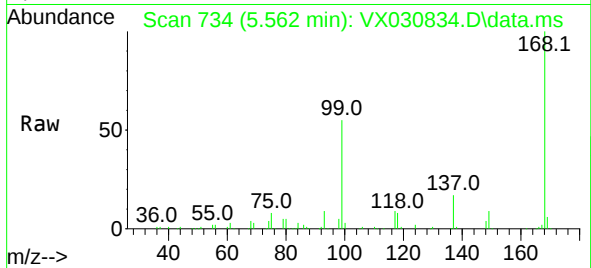




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

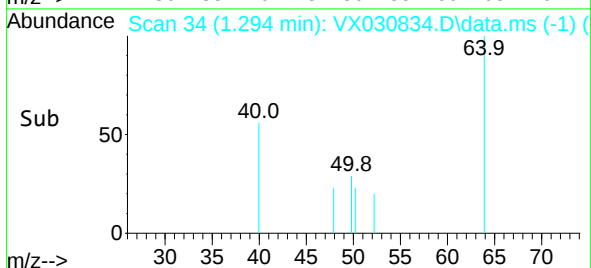
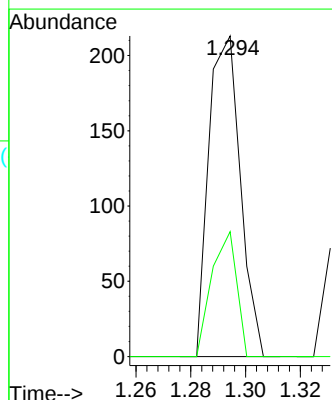
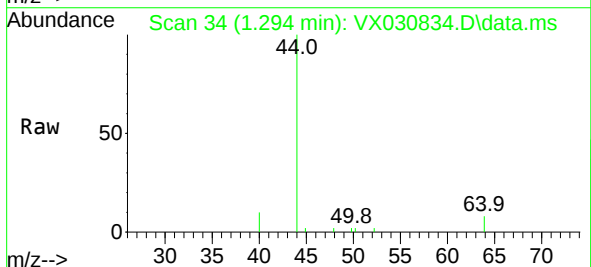
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

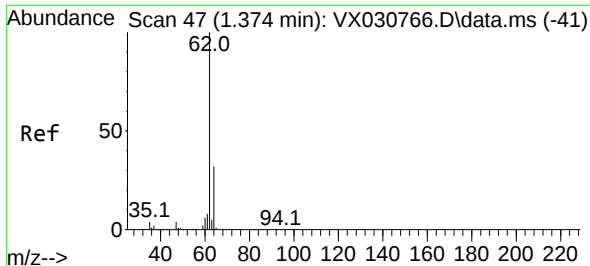
Tgt Ion:168 Resp: 204280
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

Tgt Ion: 50 Resp: 170
Ion Ratio Lower Upper
50 100
52 39.0 26.3 39.5

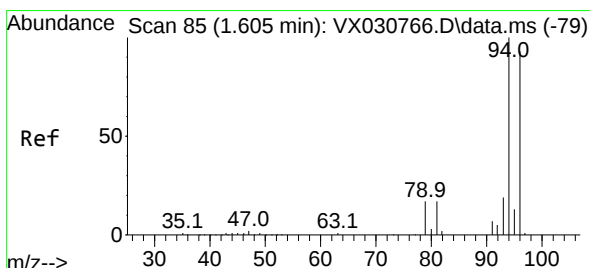
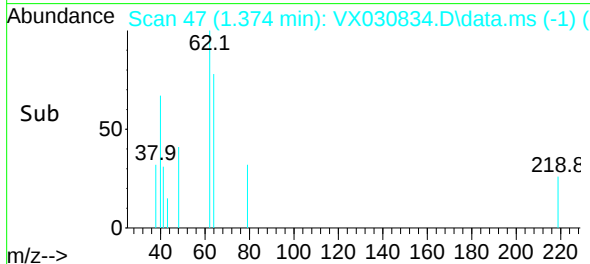
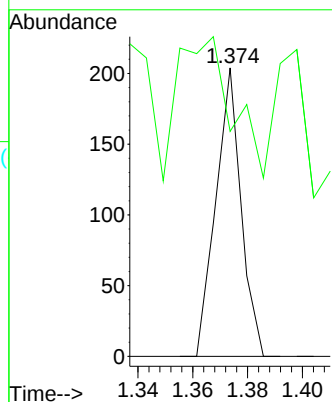
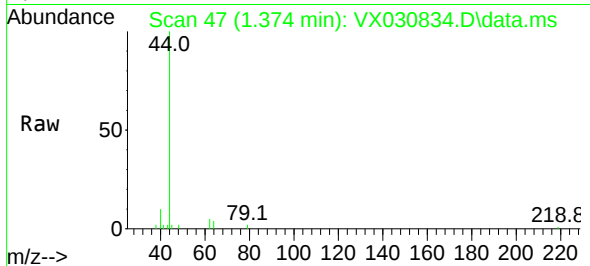




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030834.D
 Acq: 26 Aug 2022 19:00

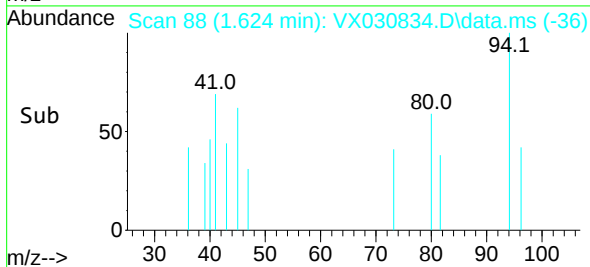
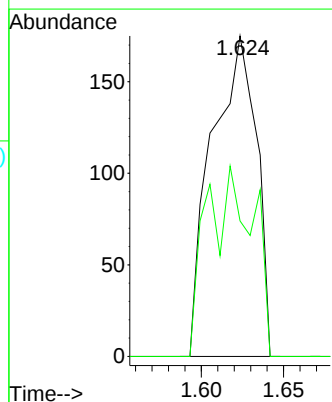
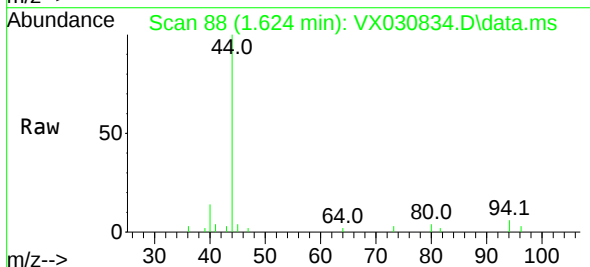
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107(42.5FT)

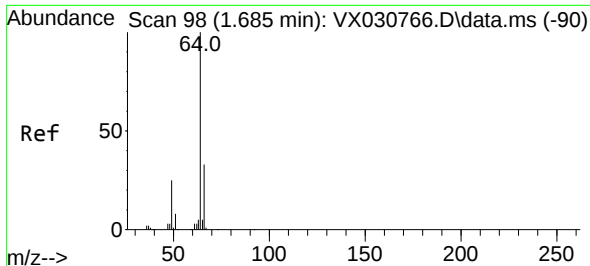
Tgt Ion: 62 Resp: 130
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.2 37.8#



#5
 Bromomethane
 Concen: 0.346 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. 0.018 min
 Lab File: VX030834.D
 Acq: 26 Aug 2022 19:00

Tgt Ion: 94 Resp: 329
 Ion Ratio Lower Upper
 94 100
 96 42.3 76.9 115.3#

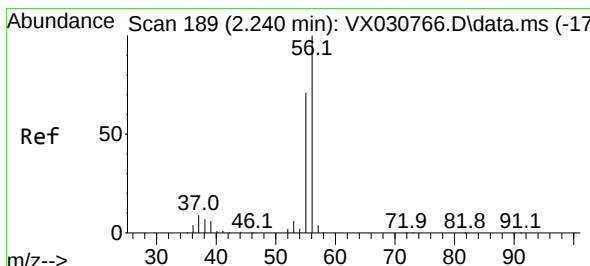
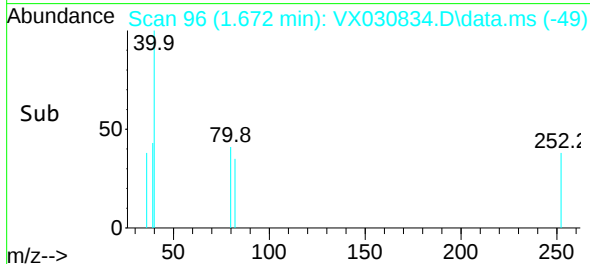
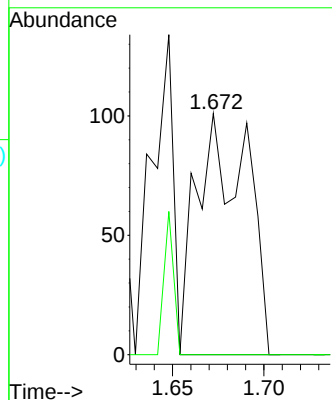
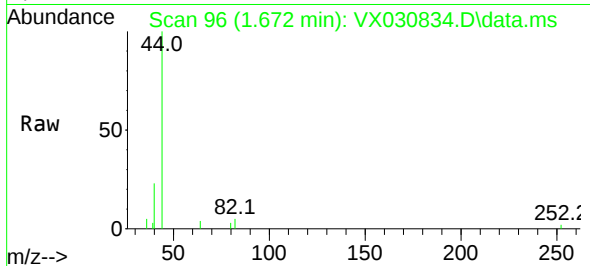




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.013 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

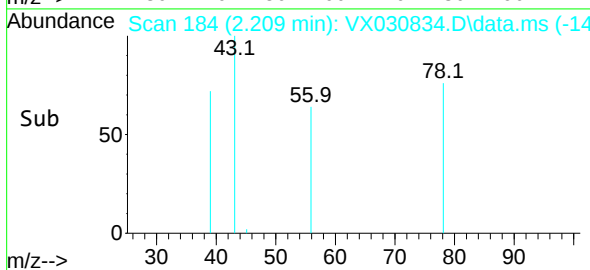
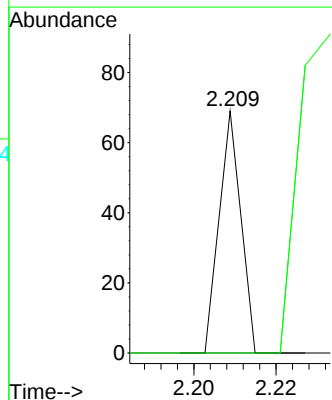
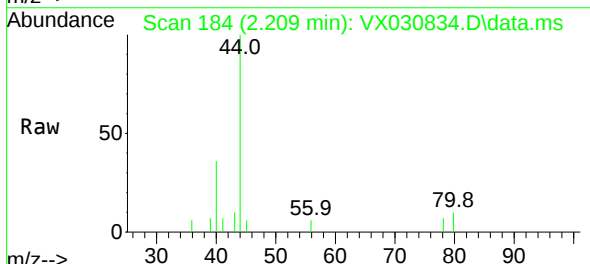
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

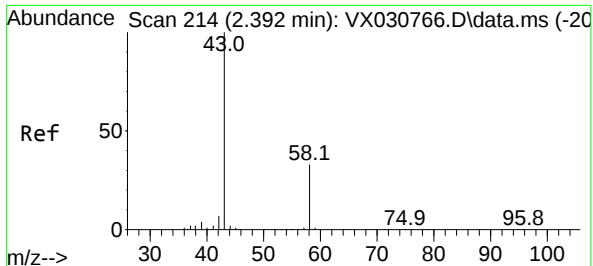
Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#13
Acrolein
Concen: 10.104 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.031 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

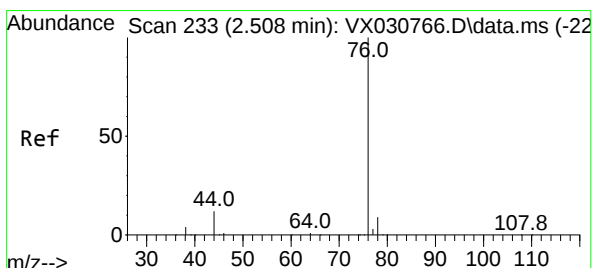
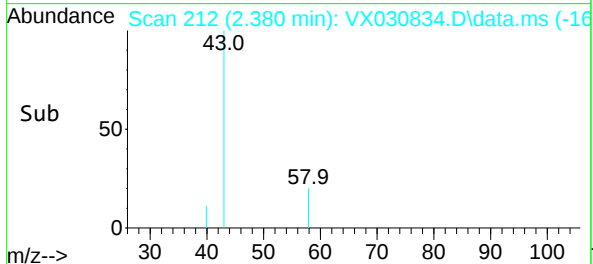
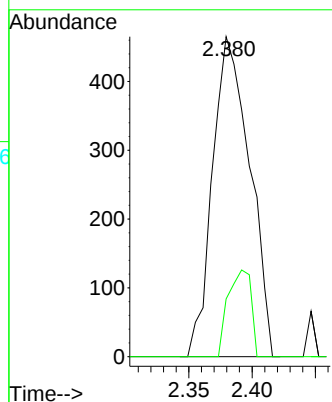
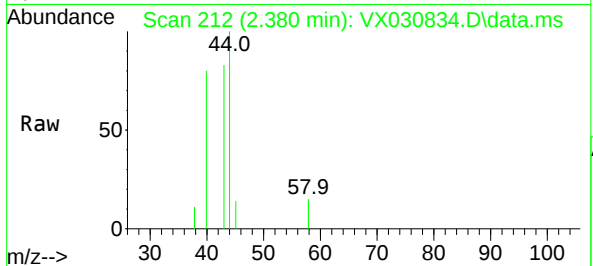




#16
Acetone
Concen: 0.855 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

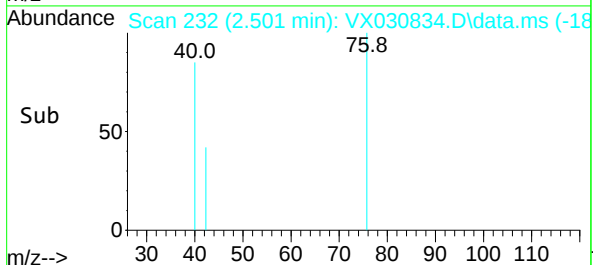
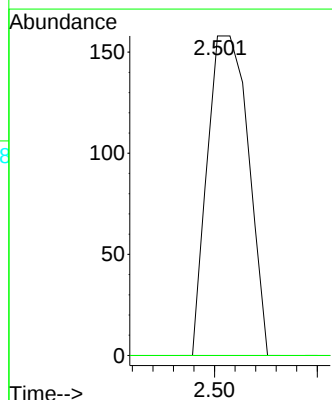
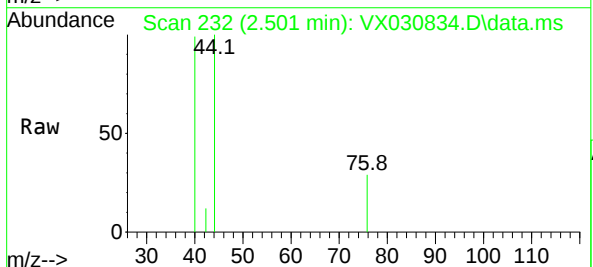
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

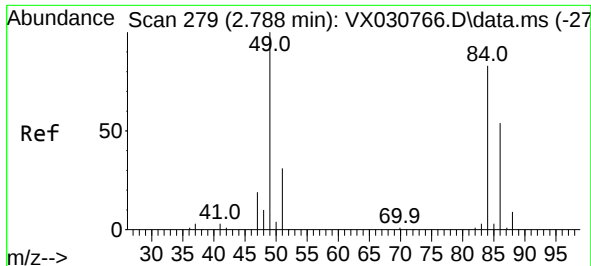
Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
58 18.1 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.501 min Scan# 232
Delta R.T. -0.007 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

Tgt Ion: 76 Resp: 219
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

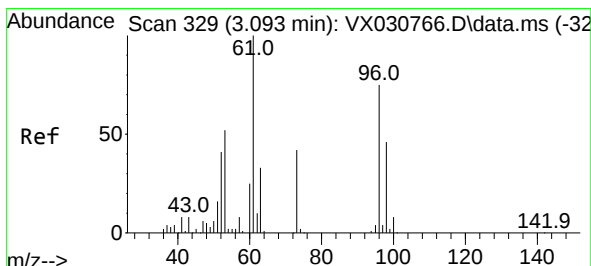
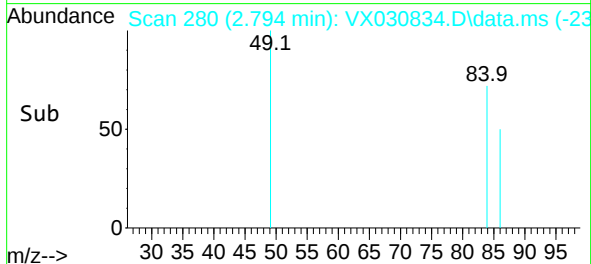
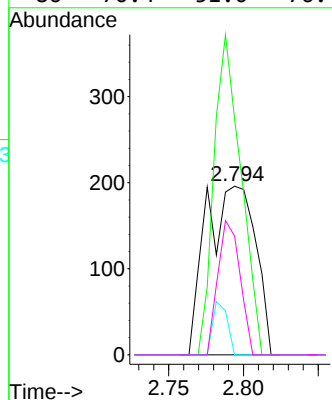
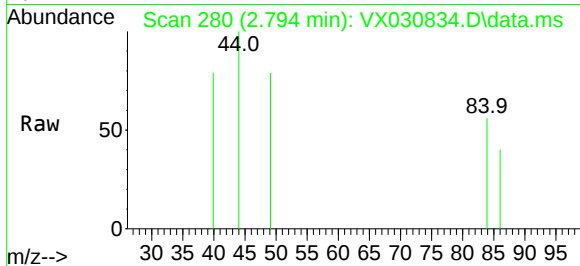




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

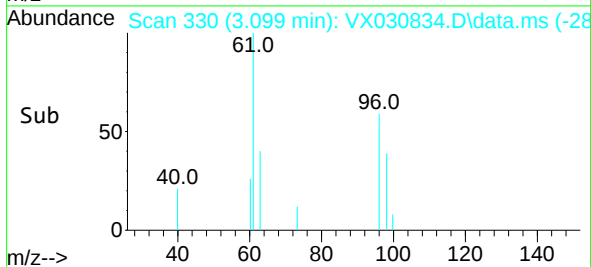
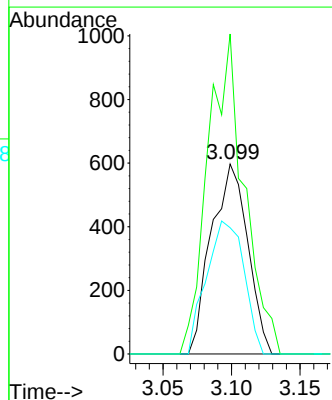
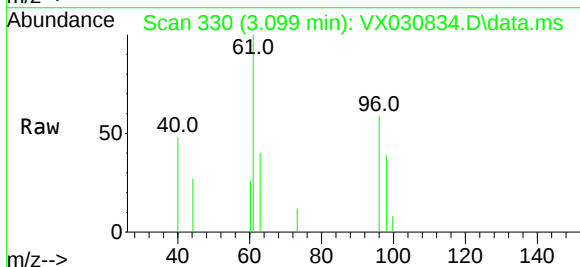
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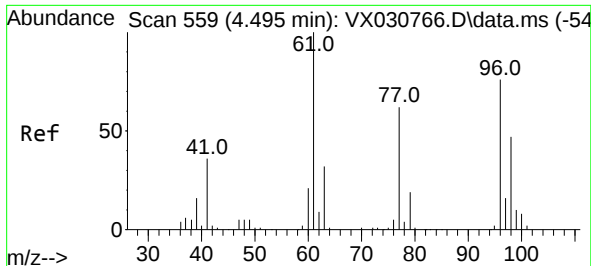
Tgt Ion: 84	Resp:	450
Ion	Ratio	Lower Upper
84	100	
49	139.8	93.8 140.6
51	0.0	29.4 44.0#
86	70.4	51.0 76.4



#21
trans-1,2-Dichloroethene
Concen: 0.556 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

Tgt Ion: 96	Resp:	1106
Ion	Ratio	Lower Upper
96	100	
61	168.5	105.6 158.4#
98	66.5	50.1 75.1

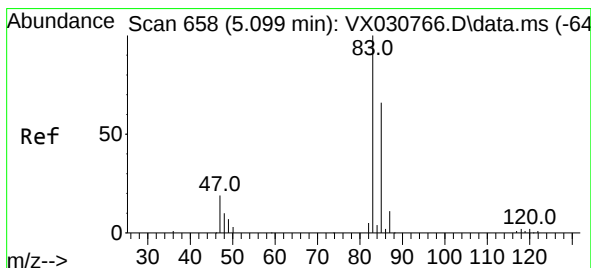
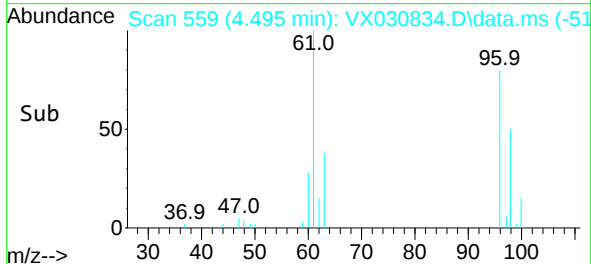
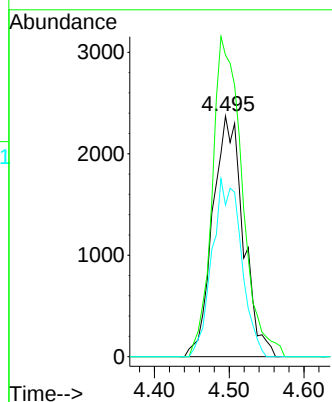
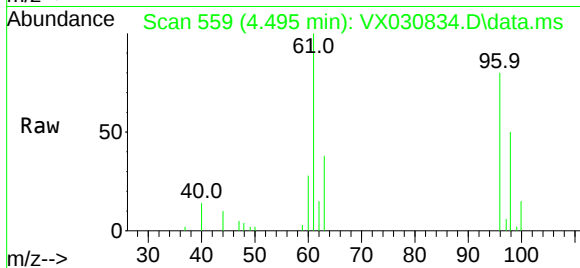




#27
 cis-1,2-Dichloroethene
 Concen: 2.739 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX030834.D
 Acq: 26 Aug 2022 19:00

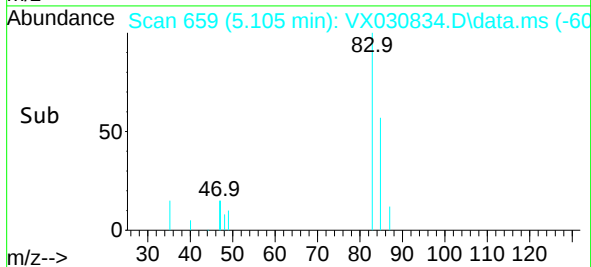
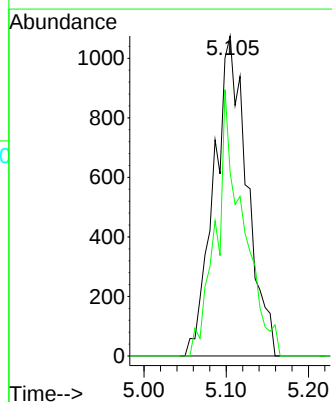
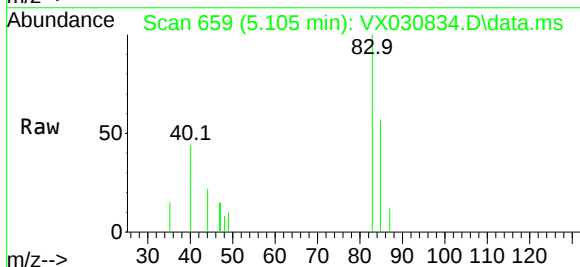
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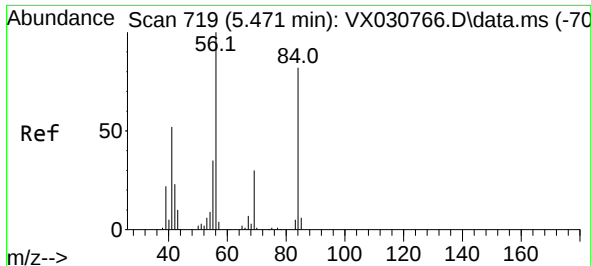
Tgt Ion: 96 Resp: 6730
 Ion Ratio Lower Upper
 96 100
 61 129.7 0.0 270.0
 98 70.5 0.0 127.8



#30
 Chloroform
 Concen: 0.730 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. 0.006 min
 Lab File: VX030834.D
 Acq: 26 Aug 2022 19:00

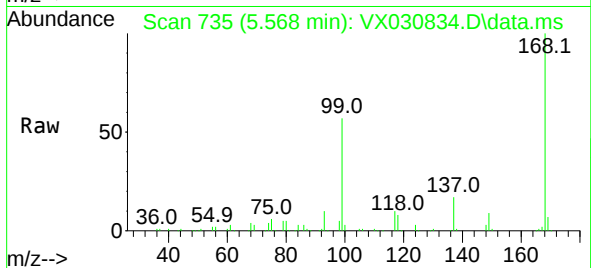
Tgt Ion: 83 Resp: 2996
 Ion Ratio Lower Upper
 83 100
 85 57.3 51.5 77.3



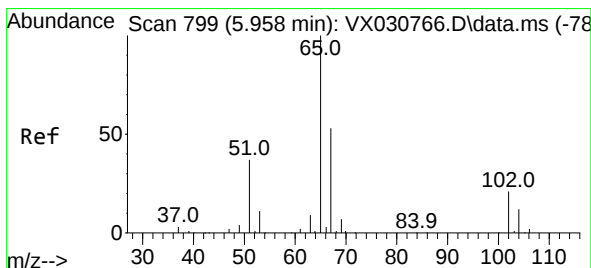
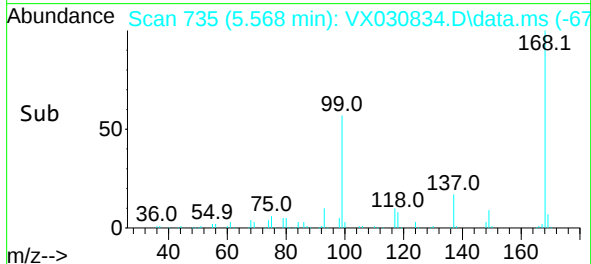
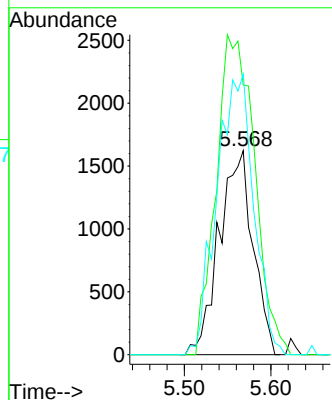


#31
Cyclohexane
Concen: 1.431 ug/l
RT: 5.568 min Scan# 719
Delta R.T. 0.097 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

Instrument :
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ClientSampleId :
MW-107(42.5FT)

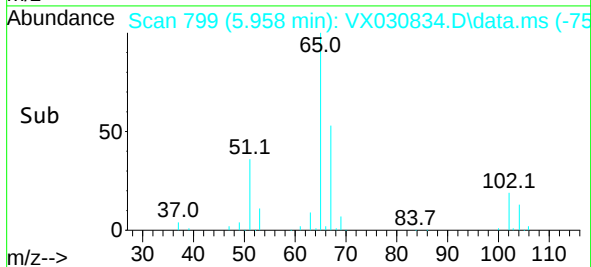
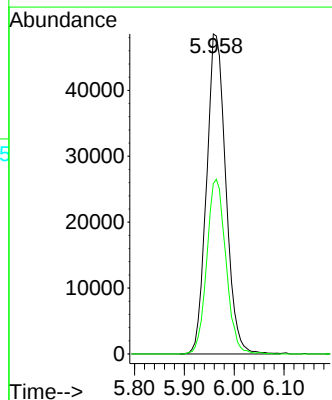
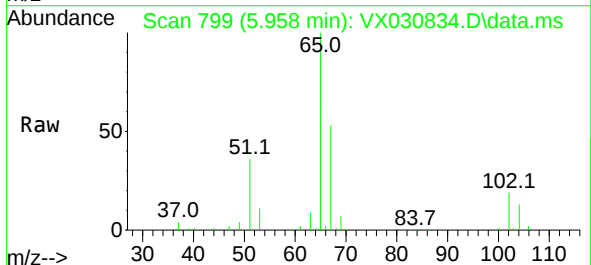


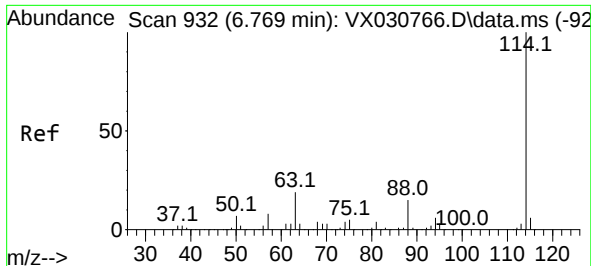
Tgt Ion: 56 Resp: 4398
Ion Ratio Lower Upper
56 100
69 132.2 25.4 38.0#
84 137.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.202 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

Tgt Ion: 65 Resp: 130241
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.6

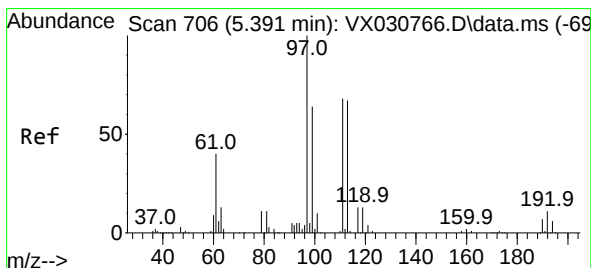
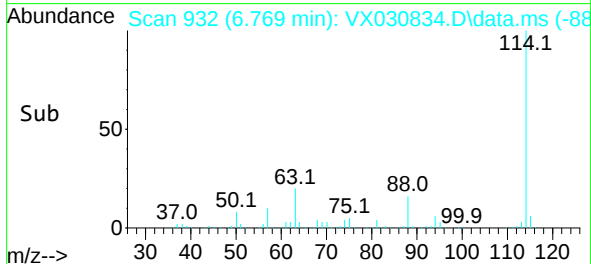
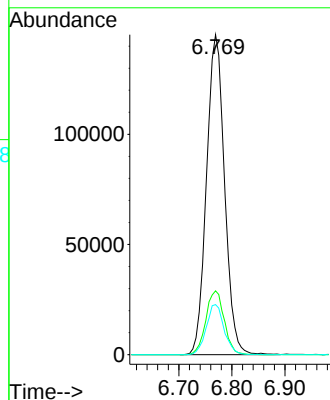
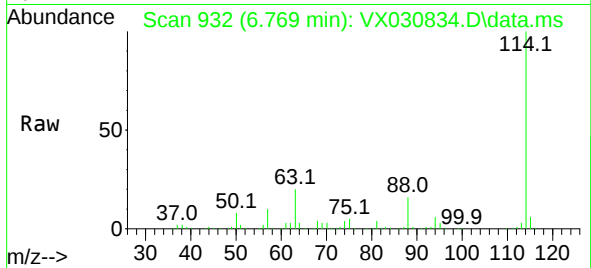




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

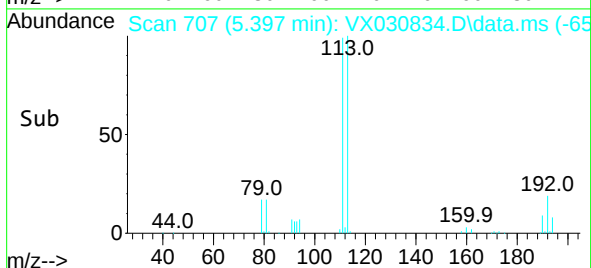
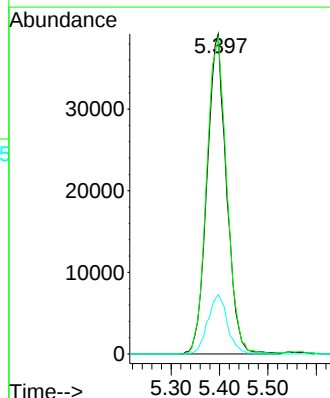
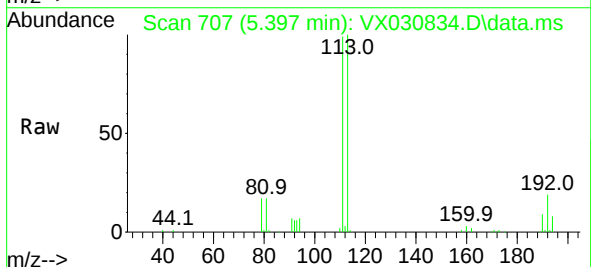
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

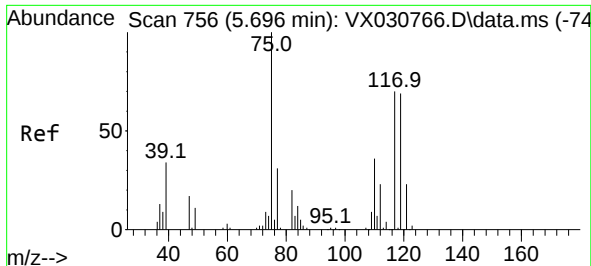
Tgt Ion:114 Resp: 343587
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.4
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.976 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

Tgt Ion:113 Resp: 109755
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 18.6 14.8 22.2

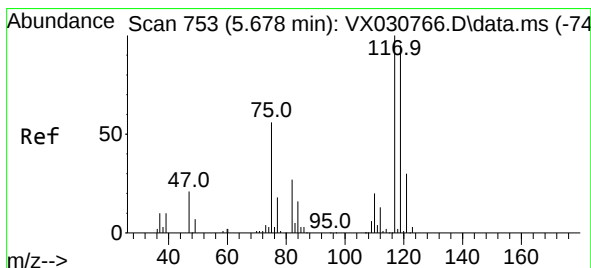
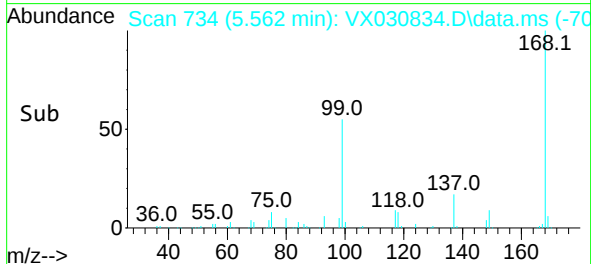
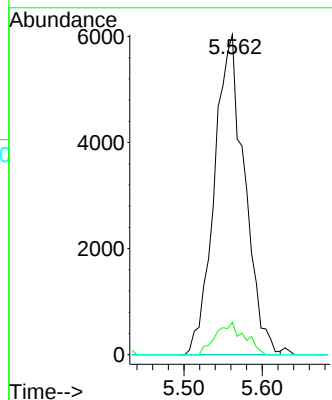
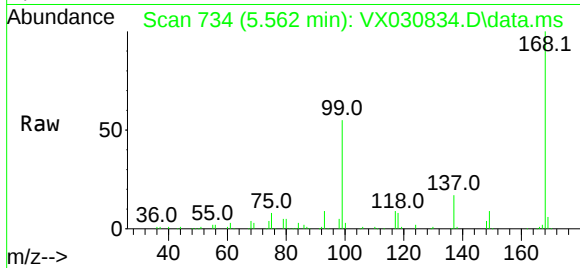




#36
1,1-Dichloropropene
Concen: 5.625 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

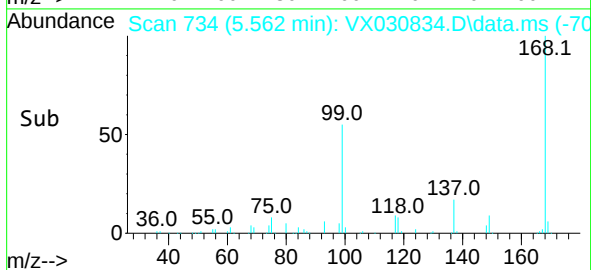
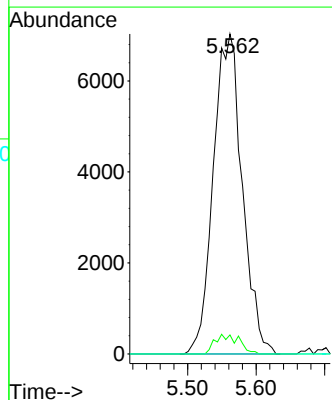
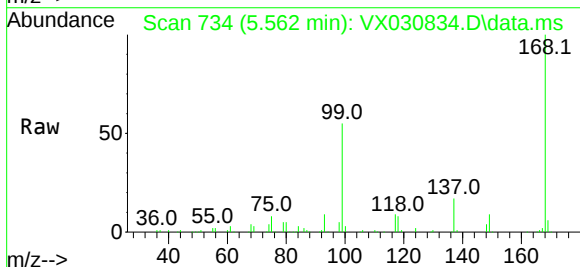
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

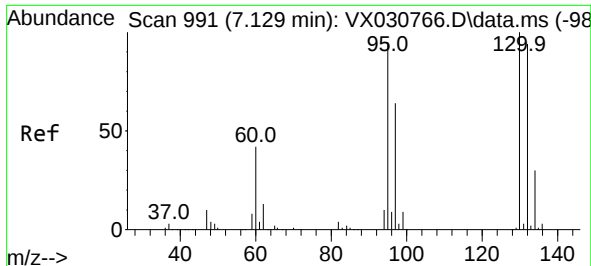
Tgt Ion: 75 Resp: 16174
Ion Ratio Lower Upper
75 100
110 9.6 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.788 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

Tgt Ion: 117 Resp: 20587
Ion Ratio Lower Upper
117 100
119 6.0 74.1 111.1#
121 0.0 25.8 38.8#

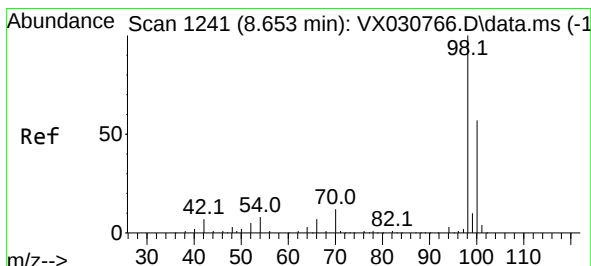
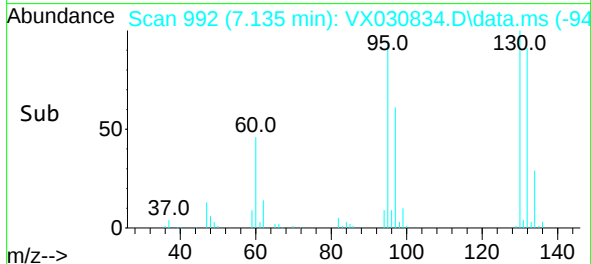
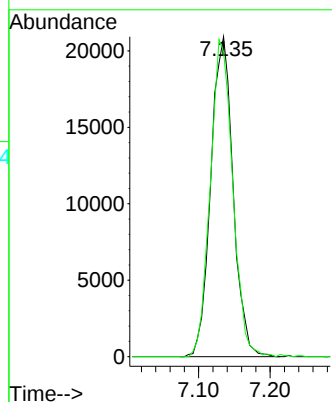
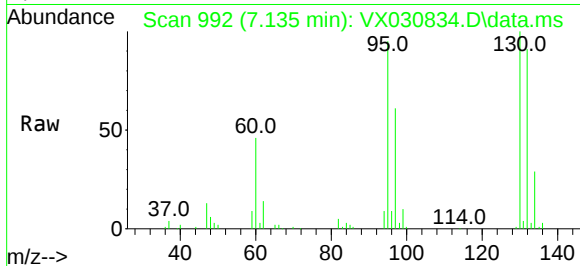




#44
 Trichloroethene
 Concen: 18.205 ug/l
 RT: 7.135 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX030834.D
 Acq: 26 Aug 2022 19:00

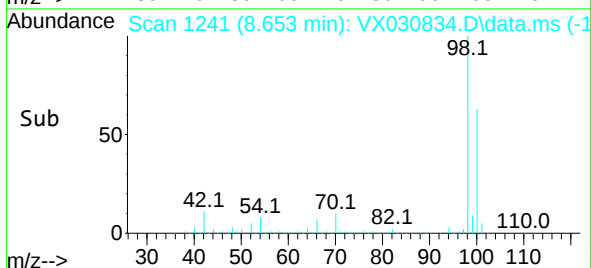
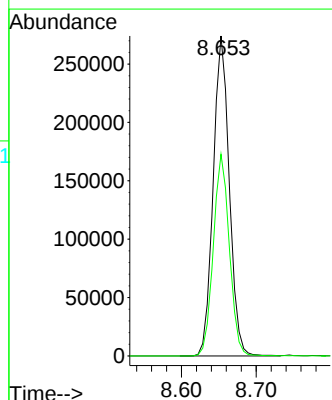
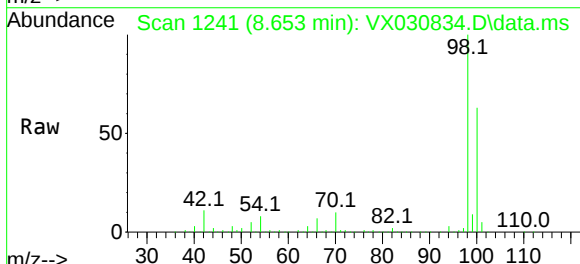
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107(42.5FT)

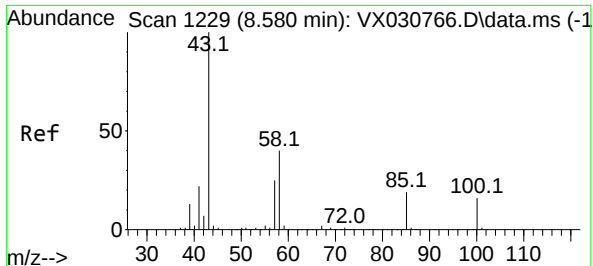
Tgt Ion:130 Resp: 45247
 Ion Ratio Lower Upper
 130 100
 95 95.4 0.0 194.8



#50
 Toluene-d8
 Concen: 55.797 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX030834.D
 Acq: 26 Aug 2022 19:00

Tgt Ion: 98 Resp: 410573
 Ion Ratio Lower Upper
 98 100
 100 62.9 52.3 78.5

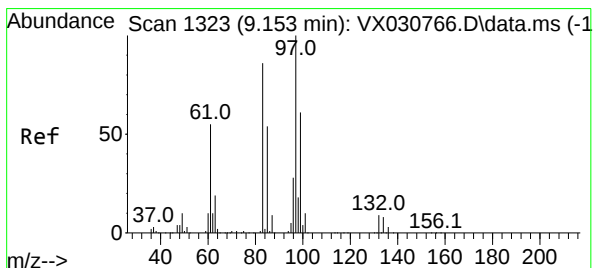
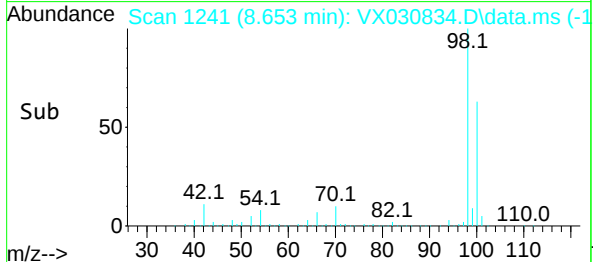
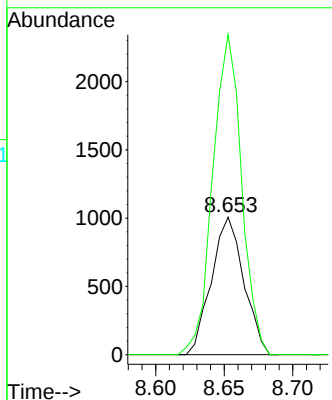
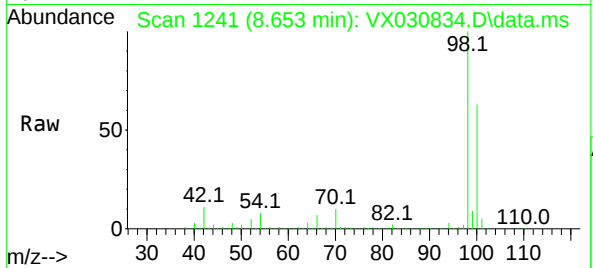




#51
 4-Methyl-2-Pentanone
 Concen: 0.479 ug/l
 RT: 8.653 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX030834.D
 Acq: 26 Aug 2022 19:00

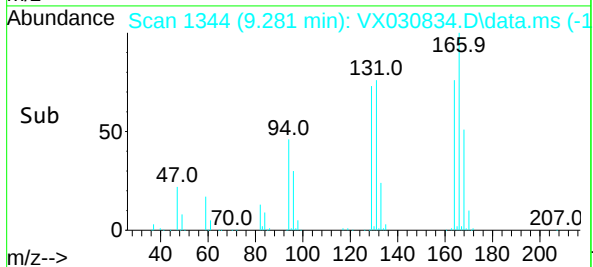
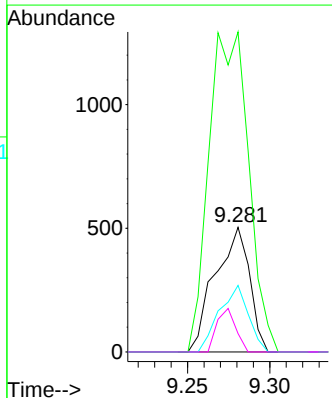
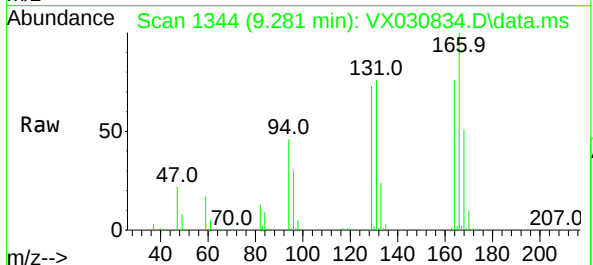
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107(42.5FT)

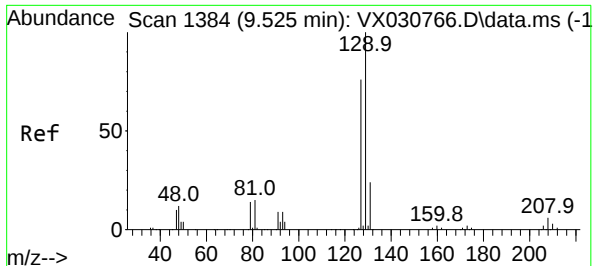
Tgt Ion: 43 Resp: 1657
 Ion Ratio Lower Upper
 43 100
 58 206.9 31.4 47.2#



#55
 1,1,2-Trichloroethane
 Concen: 0.308 ug/l
 RT: 9.281 min Scan# 1344
 Delta R.T. 0.128 min
 Lab File: VX030834.D
 Acq: 26 Aug 2022 19:00

Tgt Ion: 97 Resp: 735
 Ion Ratio Lower Upper
 97 100
 83 256.7 68.9 103.3#
 85 53.4 44.0 66.0
 99 14.7 48.3 72.5#

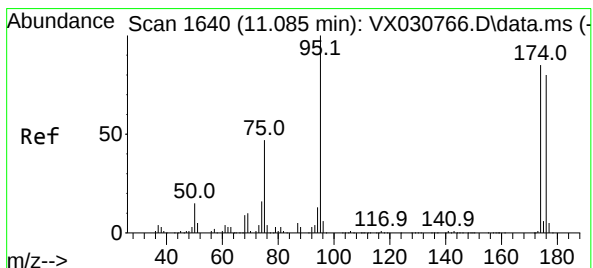
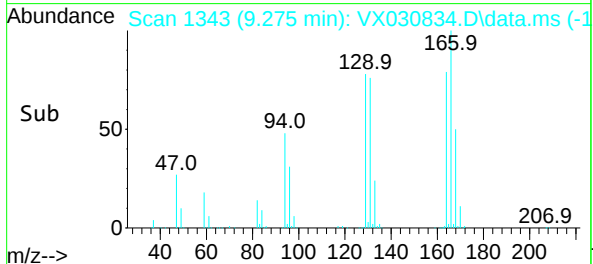
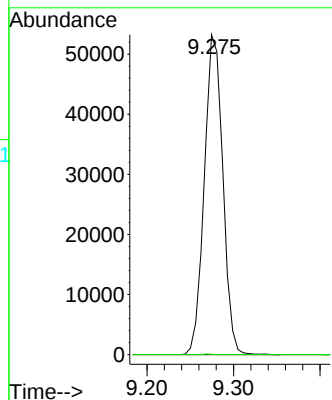
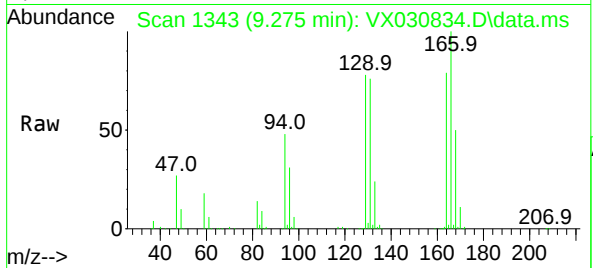




#60
Dibromochloromethane
Concen: 31.805 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

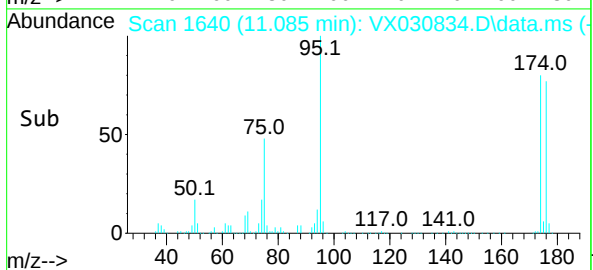
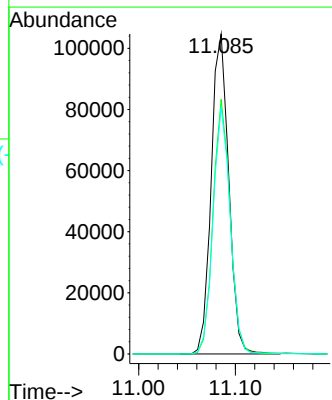
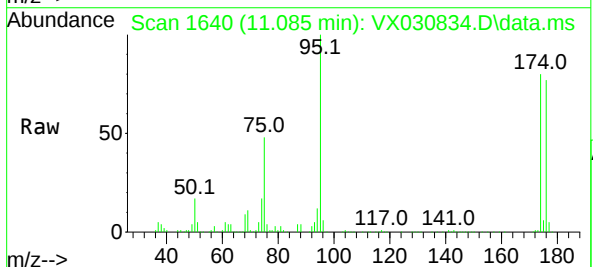
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

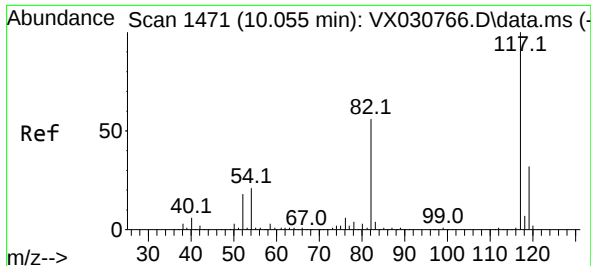
Tgt Ion:129 Resp: 79145
Ion Ratio Lower Upper
129 100
127 0.1 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 48.132 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

Tgt Ion: 95 Resp: 131858
Ion Ratio Lower Upper
95 100
174 77.9 0.0 149.0
176 75.5 0.0 146.0

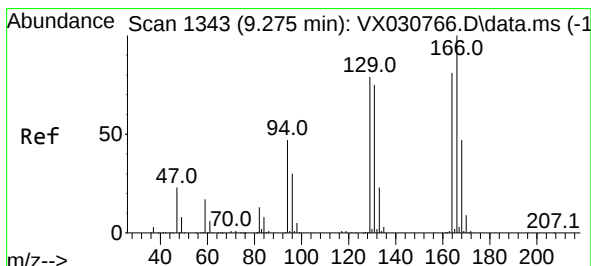
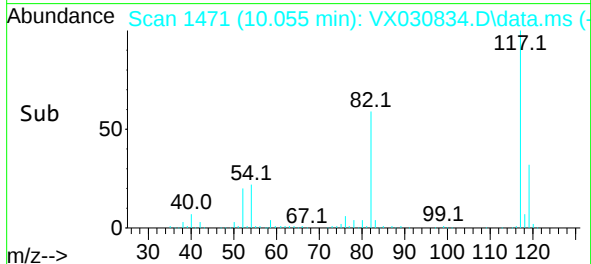
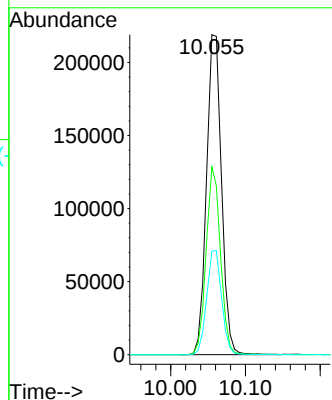
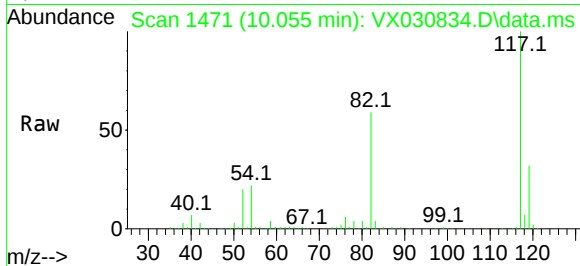




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

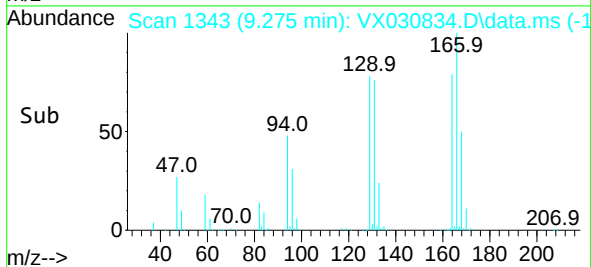
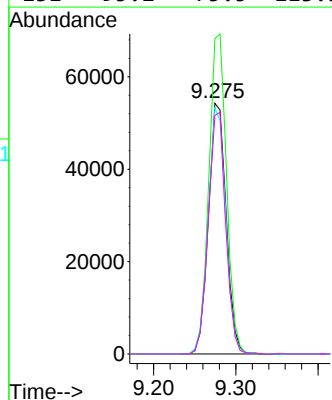
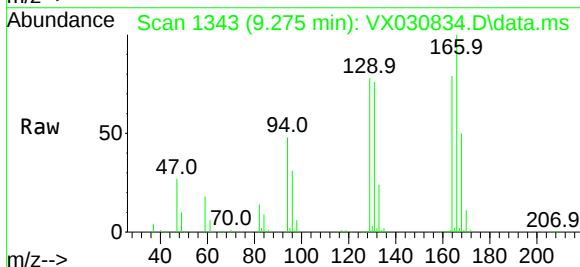
Instrument :
MSVOA_X
ClientSampleId :
MW-107(42.5FT)

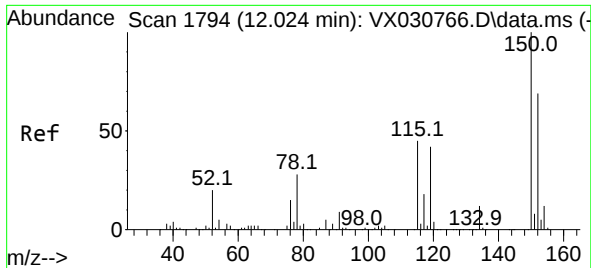
Tgt Ion:117 Resp: 305258
Ion Ratio Lower Upper
117 100
82 58.7 42.7 64.1
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 33.688 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030834.D
Acq: 26 Aug 2022 19:00

Tgt Ion:164 Resp: 81007
Ion Ratio Lower Upper
164 100
166 125.9 98.2 147.4
129 98.1 80.8 121.2
131 95.2 75.5 113.3

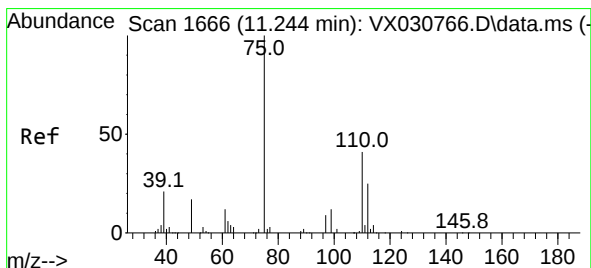
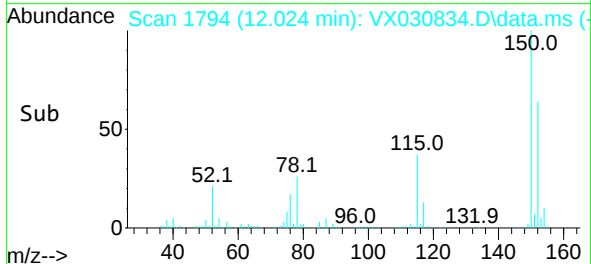
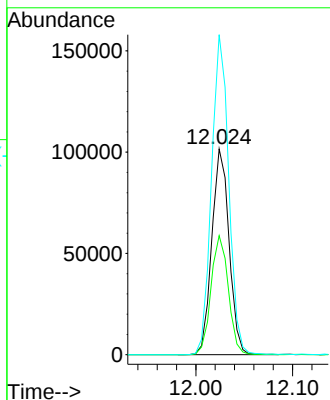
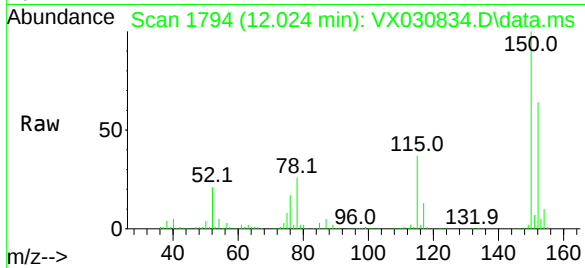




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030834.D
 Acq: 26 Aug 2022 19:00

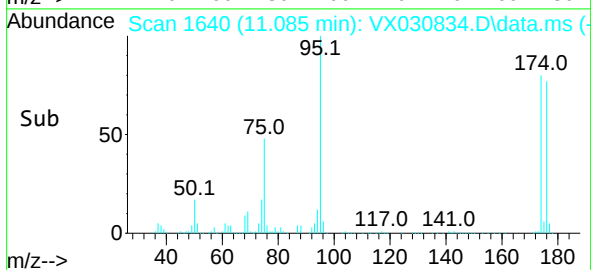
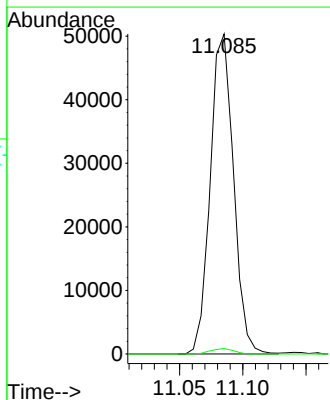
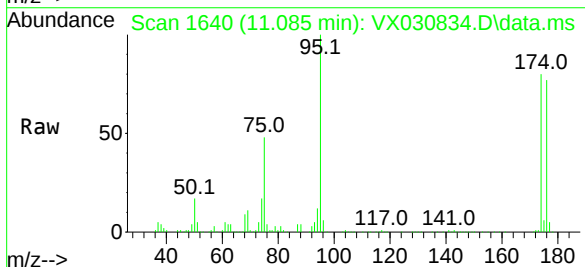
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107(42.5FT)

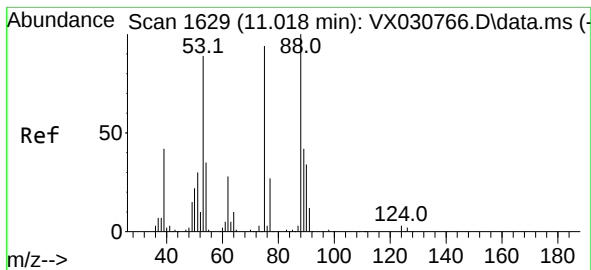
Tgt Ion:152 Resp: 126010
 Ion Ratio Lower Upper
 152 100
 115 57.9 40.5 121.5
 150 155.0 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 23.333 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030834.D
 Acq: 26 Aug 2022 19:00

Tgt Ion: 75 Resp: 64415
 Ion Ratio Lower Upper
 75 100
 77 1.7 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.281 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX030834.D
 Acq: 26 Aug 2022 19:00

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

Tgt Ion: 75 Resp: 64415
 Ion Ratio Lower Upper
 75 100
 53 0.2 74.2 111.4#
 89 0.0 34.8 52.2#

