

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034705.D
 Acq On : 23 Mar 2023 17:49
 Operator : JC/MD
 Sample : 02055-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A

Quant Time: Mar 24 05:47:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

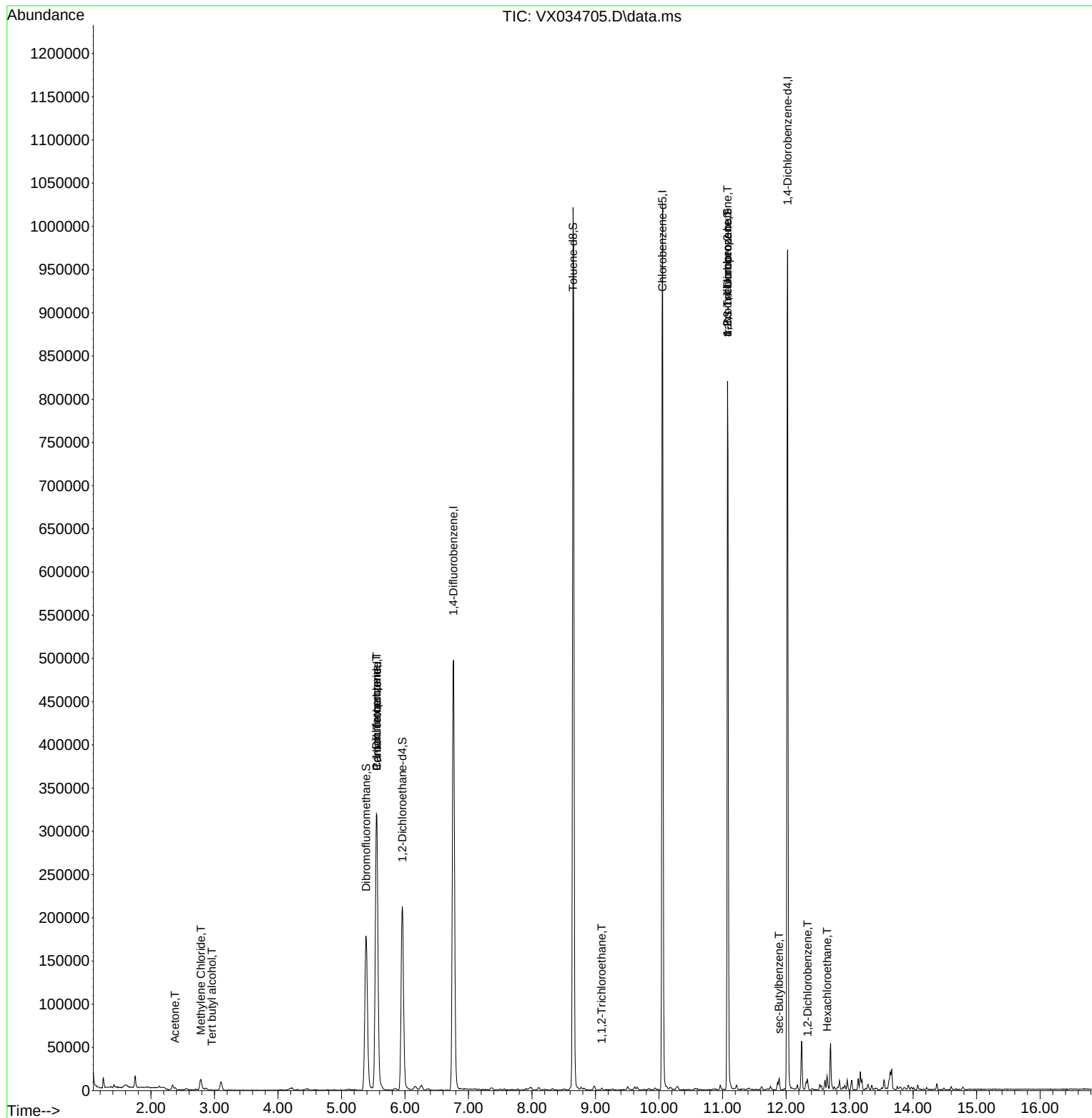
Internal Standards						
1) Pentafluorobenzene	5.555	168	295405	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	500295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	217651	50.645	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.300%
35) Dibromofluoromethane	5.385	113	156972	47.521	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.040%
50) Toluene-d8	8.646	98	590799	47.912	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.820%
62) 4-Bromofluorobenzene	11.079	95	224474	45.068	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.140%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	519	Below Cal	#	40
11) Tert butyl alcohol	2.958	59	275	0.307	ug/l #	73
16) Acetone	2.379	43	2641	1.305	ug/l	98
20) Methylene Chloride	2.788	84	890	0.227	ug/l #	71
36) 1,1-Dichloropropene	5.549	75	25336	4.994	ug/l #	50
38) Carbon Tetrachloride	5.555	117	31651	6.271	ug/l #	15
55) 1,1,2-Trichloroethane	9.098	97	854	0.234	ug/l #	21
76) 1,2,3-Trichloropropane	11.079	75	118894	26.533	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	118894	71.780	ug/l #	8
85) sec-Butylbenzene	11.890	105	6899	0.442	ug/l #	75
90) Hexachloroethane	12.646	117	5198	2.143	ug/l #	15
91) 1,2-Dichlorobenzene	12.341	146	3276	0.478	ug/l	94

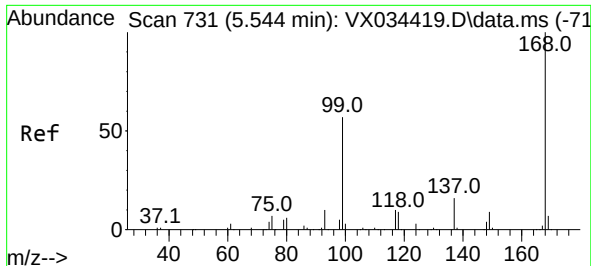
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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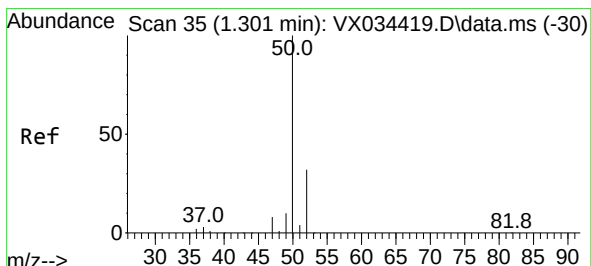
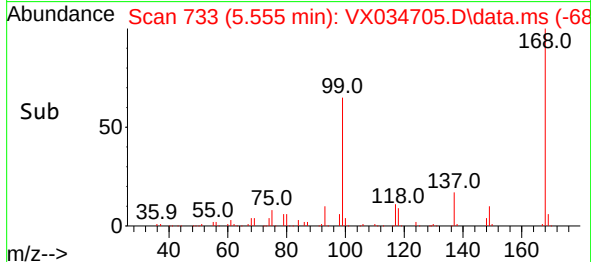
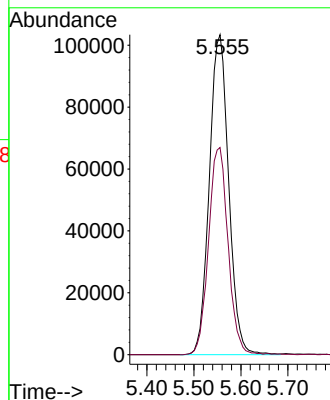
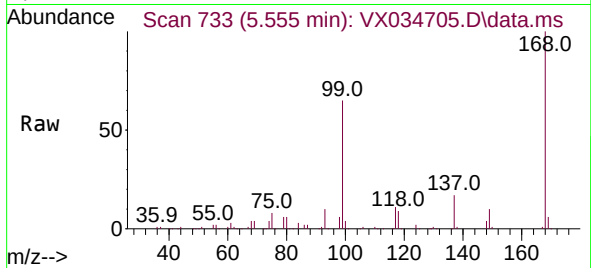




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.011 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

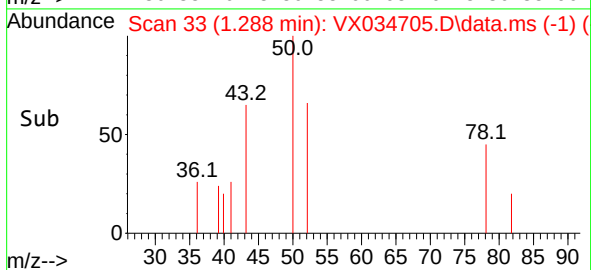
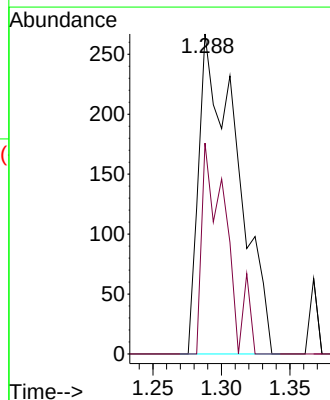
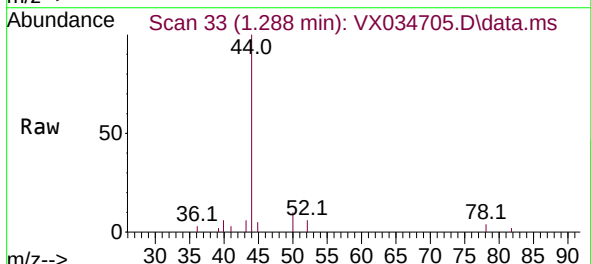
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

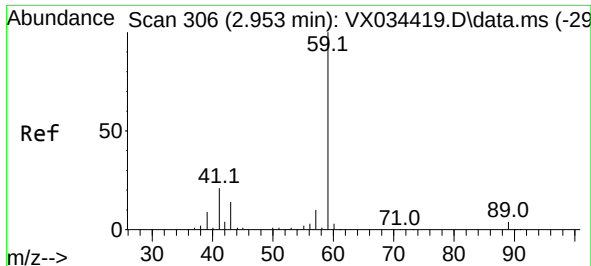
Tgt Ion:168 Resp: 295405
Ion Ratio Lower Upper
168 100
99 64.8 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

Tgt Ion: 50 Resp: 519
Ion Ratio Lower Upper
50 100
52 65.9 25.9 38.9#

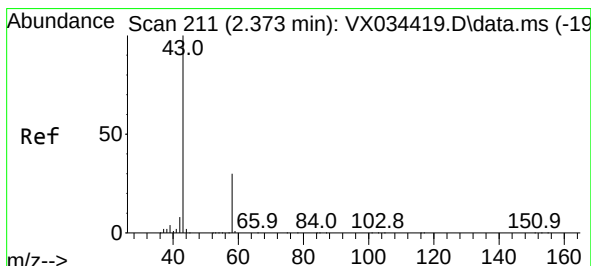
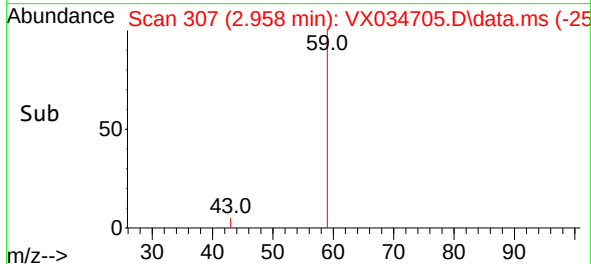
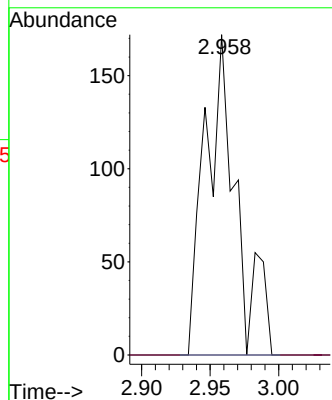
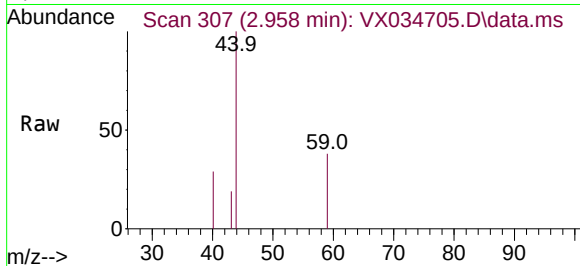




#11
Tert butyl alcohol
Concen: 0.307 ug/l
RT: 2.958 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

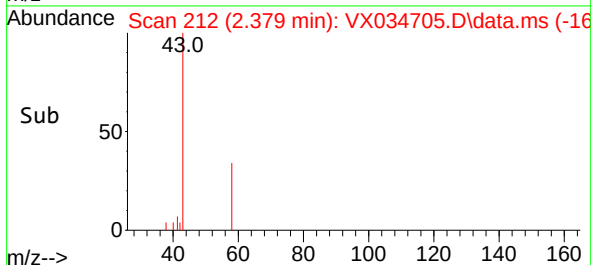
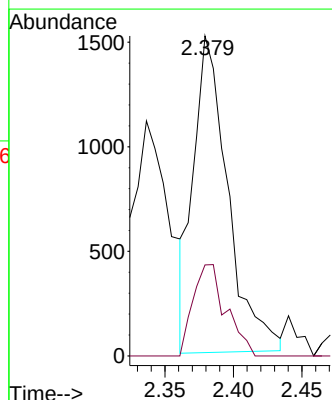
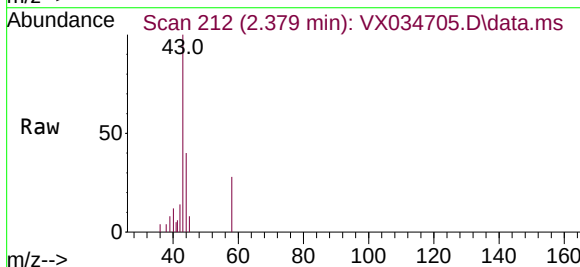
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

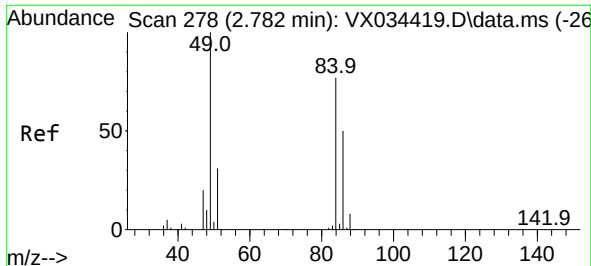
Tgt Ion: 59 Resp: 275
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 1.305 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

Tgt Ion: 43 Resp: 2641
Ion Ratio Lower Upper
43 100
58 30.1 24.7 37.1

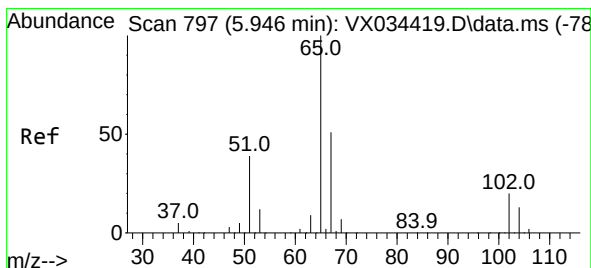
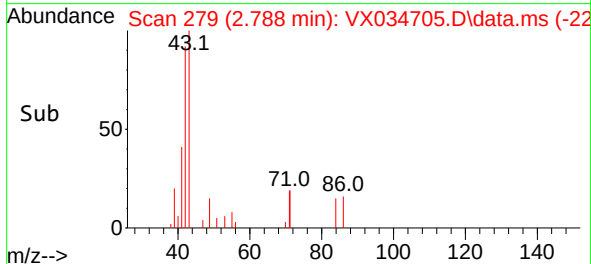
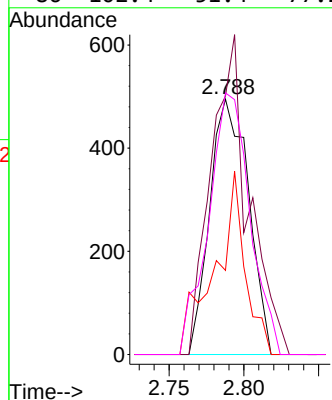
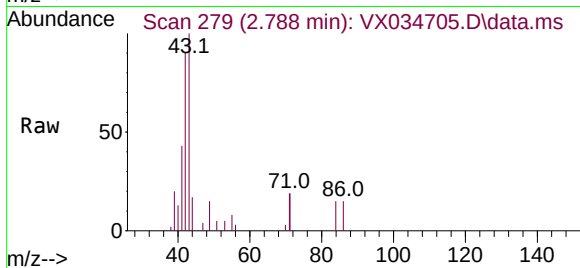




#20
Methylene Chloride
Concen: 0.227 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

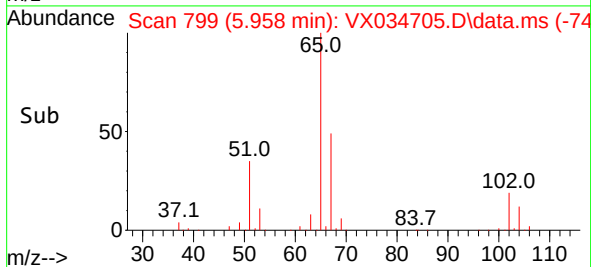
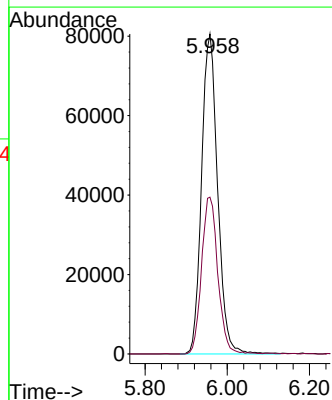
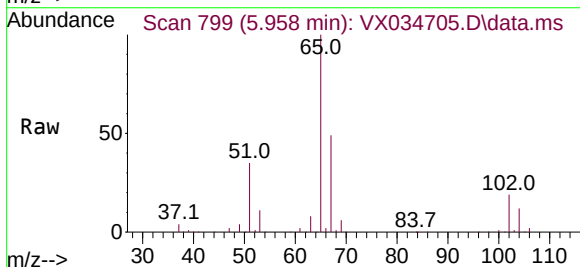
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

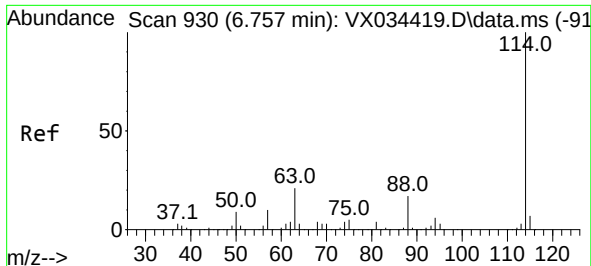
Tgt Ion:	84	Resp:	890
Ion	Ratio	Lower	Upper
84	100		
49	101.2	103.8	155.8#
51	32.9	31.8	47.8
86	102.4	51.4	77.2#



#33
1,2-Dichloroethane-d4
Concen: 50.645 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

Tgt Ion:	65	Resp:	217651
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	104.0

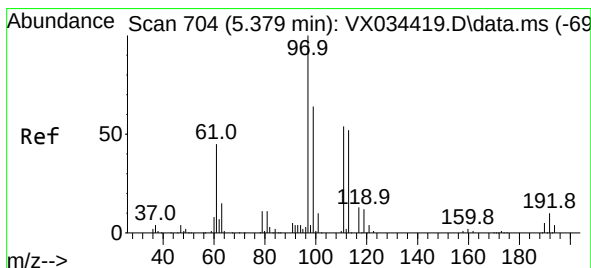
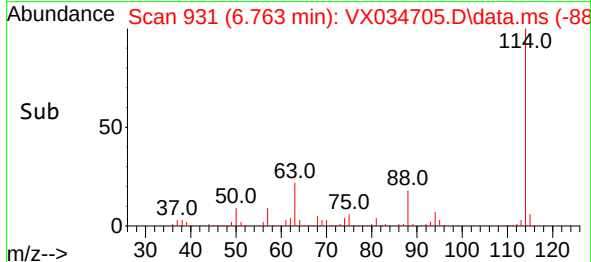
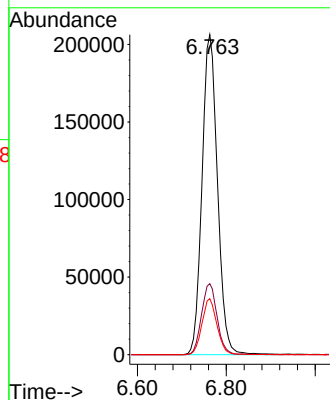
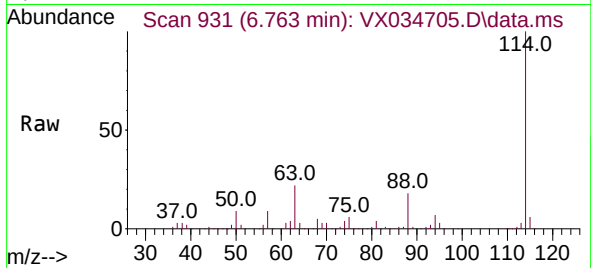




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

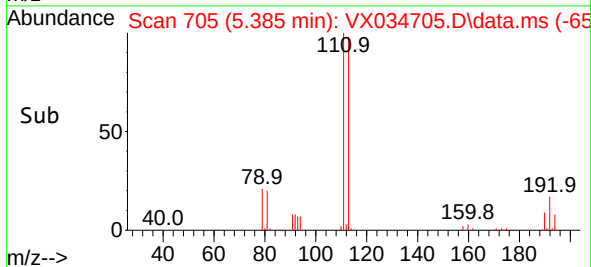
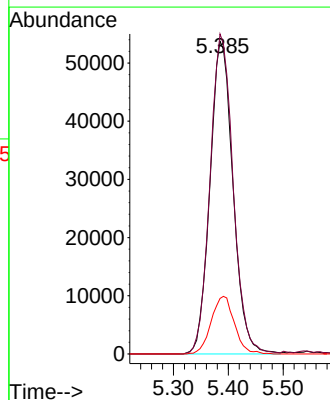
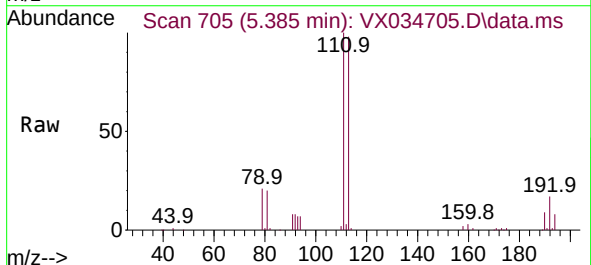
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

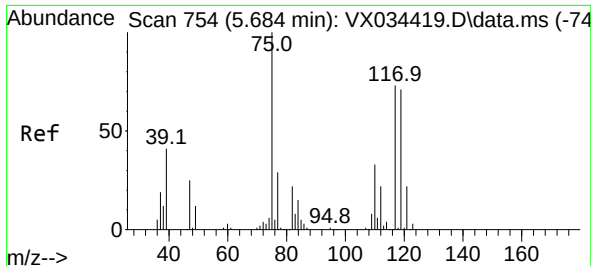
Tgt Ion:114 Resp: 500295
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 17.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.521 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

Tgt Ion:113 Resp: 156972
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 18.5 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.994 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX034705.D

Acq: 23 Mar 2023 17:49

Instrument :

MSVOA_X

ClientSampleId :

MW-2A

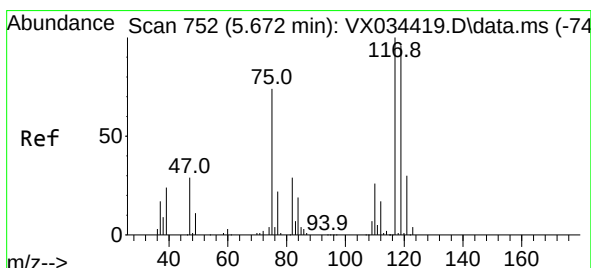
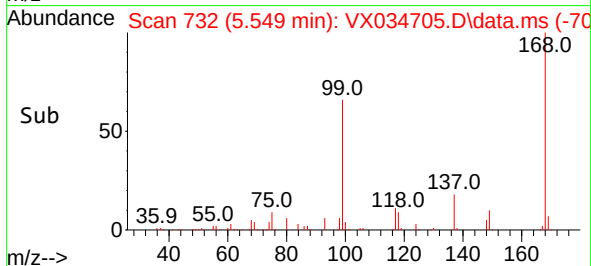
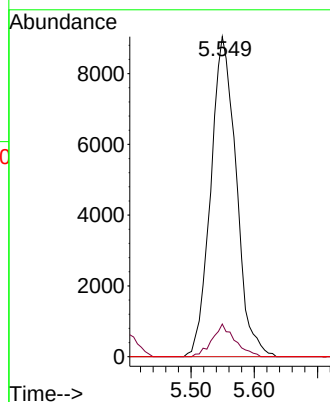
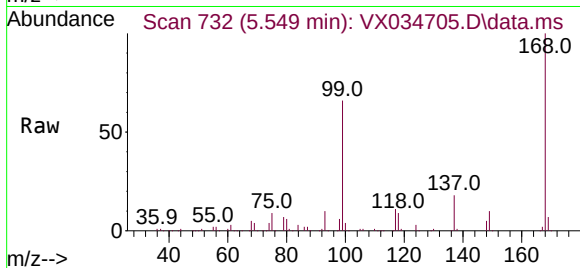
Tgt Ion: 75 Resp: 25336

Ion Ratio Lower Upper

75 100

110 9.1 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.271 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.116 min

Lab File: VX034705.D

Acq: 23 Mar 2023 17:49

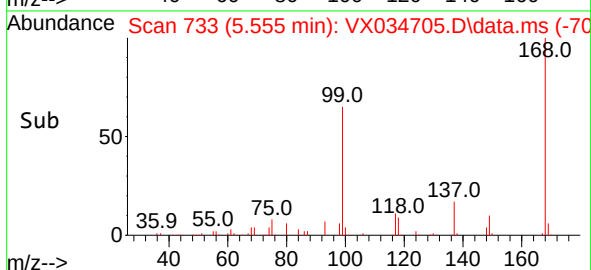
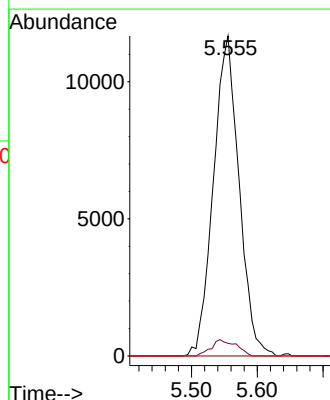
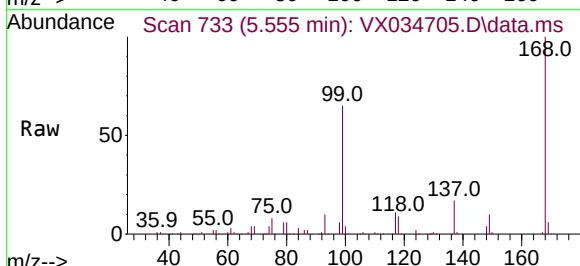
Tgt Ion: 117 Resp: 31651

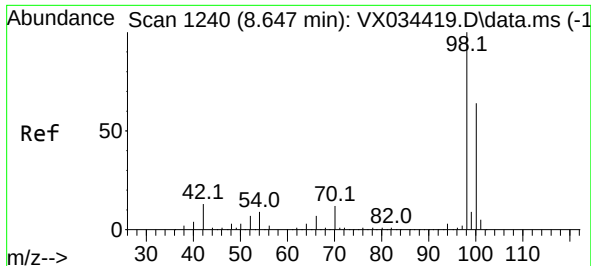
Ion Ratio Lower Upper

117 100

119 4.0 76.6 114.8#

121 0.0 23.8 35.6#

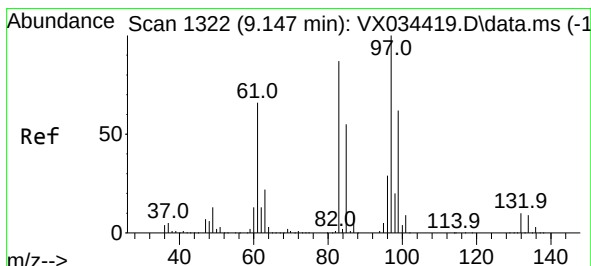
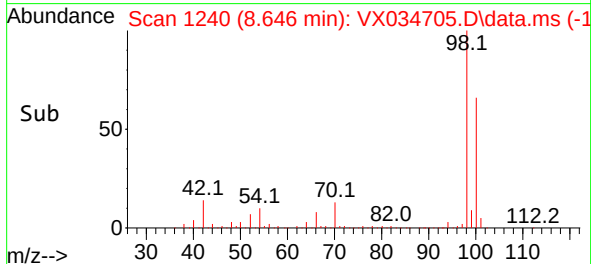
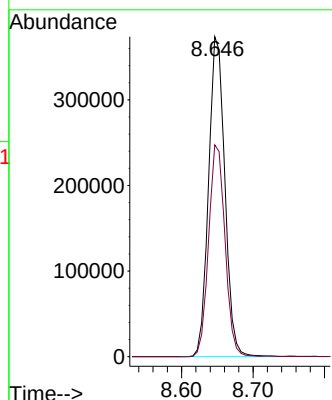
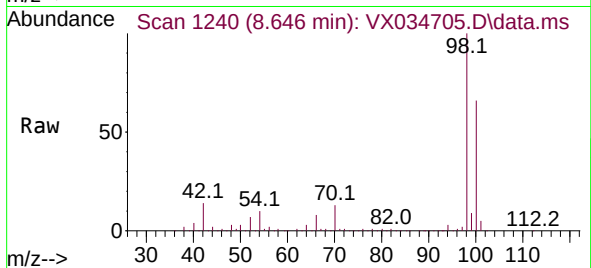




#50
Toluene-d8
Concen: 47.912 ug/l
RT: 8.646 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

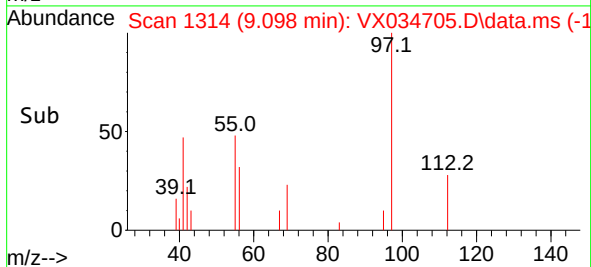
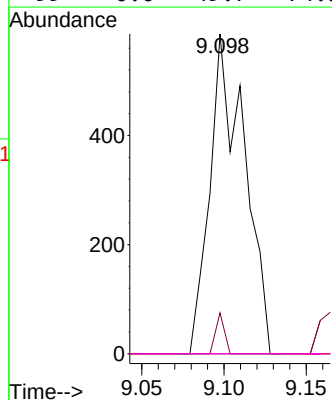
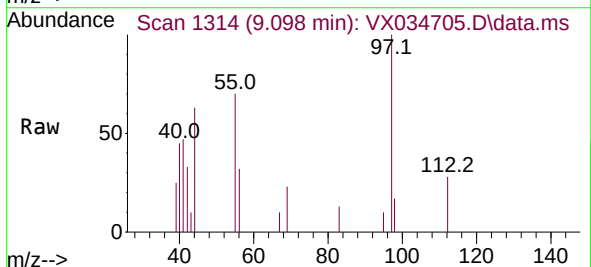
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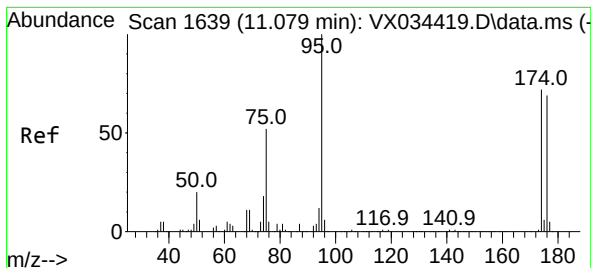
Tgt Ion: 98 Resp: 590799
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#55
1,1,2-Trichloroethane
Concen: 0.234 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.049 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

Tgt Ion: 97 Resp: 854
Ion Ratio Lower Upper
97 100
83 12.8 69.7 104.5#
85 0.0 43.7 65.5#
99 0.0 49.7 74.5#

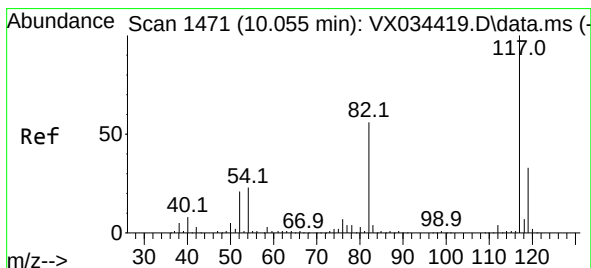
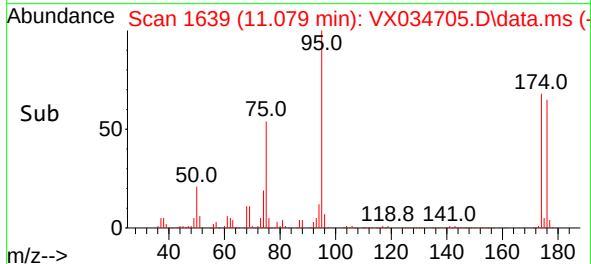
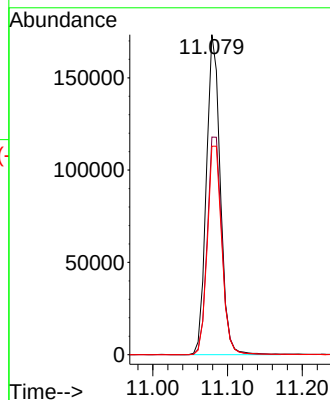
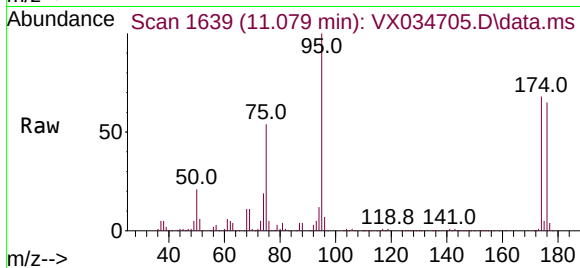




#62
4-Bromofluorobenzene
Concen: 45.068 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

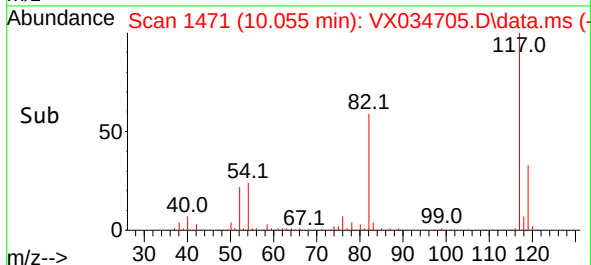
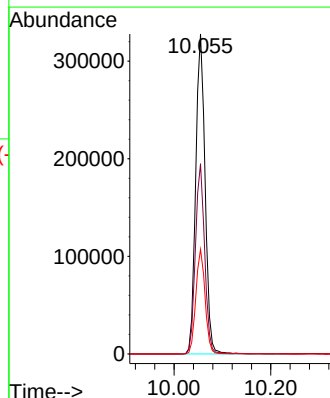
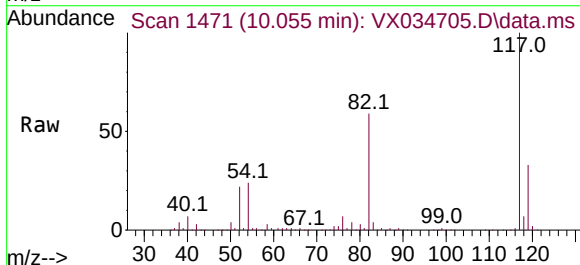
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

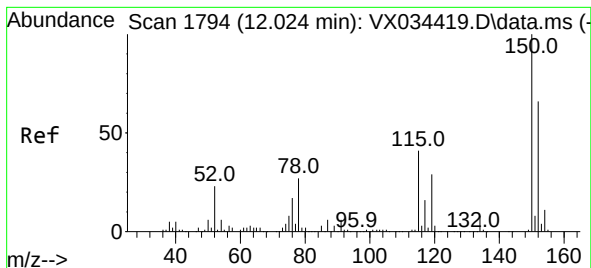
Tgt Ion: 95 Resp: 224474
Ion Ratio Lower Upper
95 100
174 71.4 0.0 147.4
176 68.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

Tgt Ion: 117 Resp: 440059
Ion Ratio Lower Upper
117 100
82 59.4 45.0 67.4
119 32.7 26.0 39.0

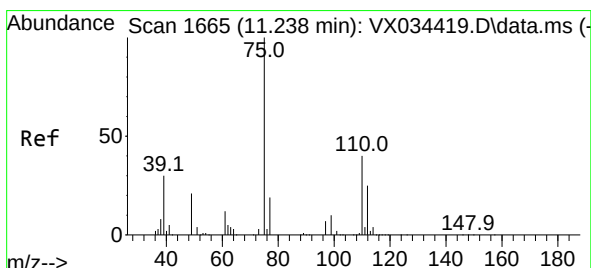
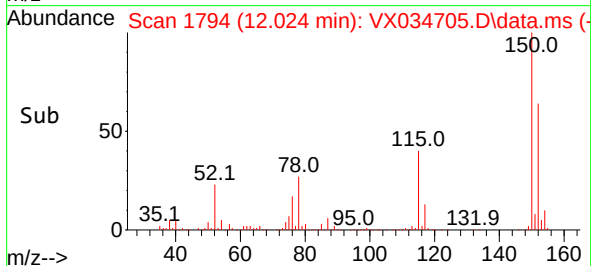
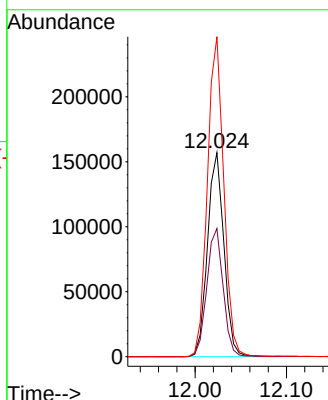
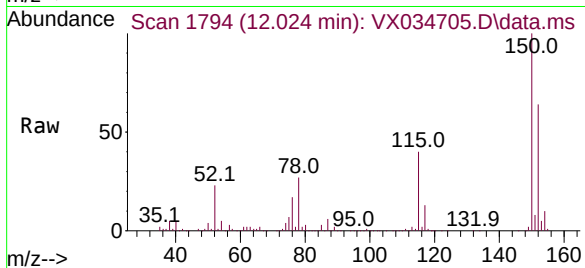




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034705.D
 Acq: 23 Mar 2023 17:49

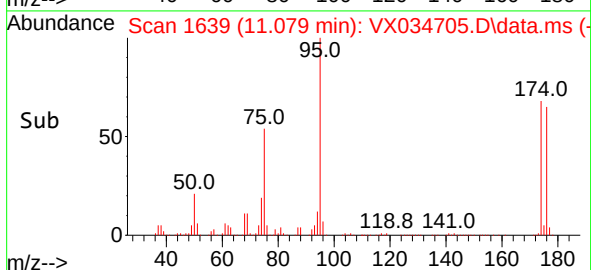
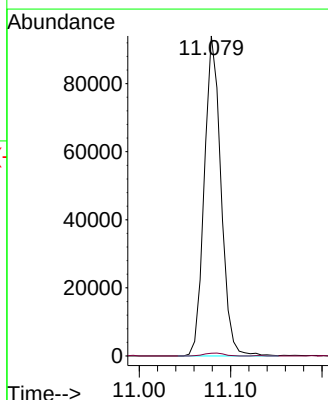
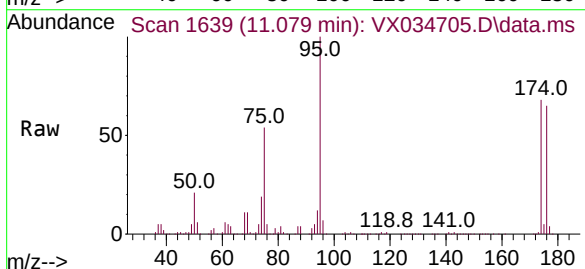
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A

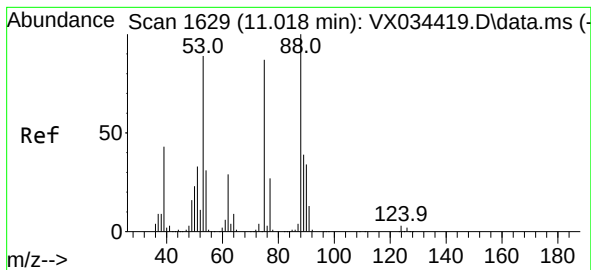
Tgt Ion:152 Resp: 195155
 Ion Ratio Lower Upper
 152 100
 115 62.7 45.0 135.0
 150 156.1 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.533 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034705.D
 Acq: 23 Mar 2023 17:49

Tgt Ion: 75 Resp: 118894
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#

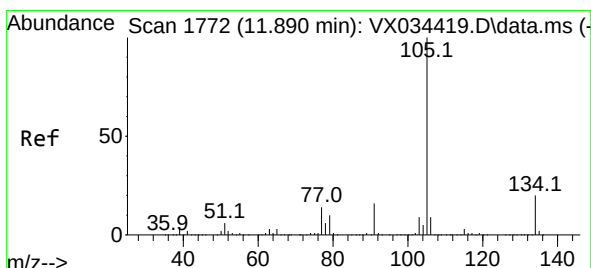
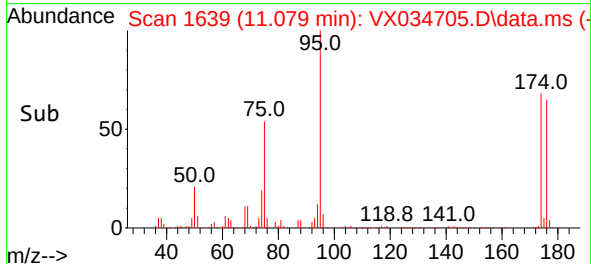
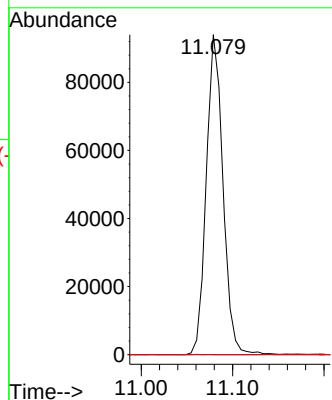
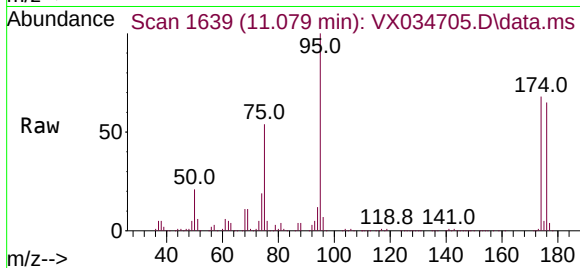




#81
trans-1,4-Dichloro-2-butene
Concen: 71.780 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

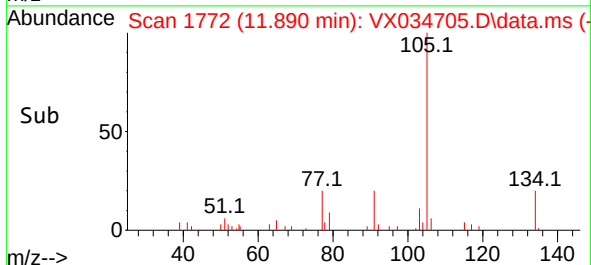
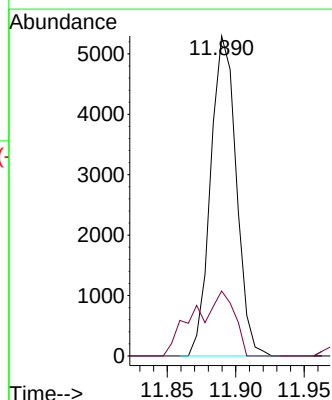
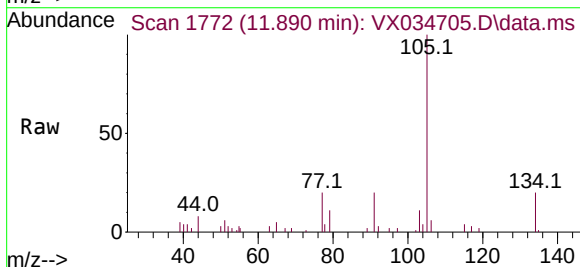
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

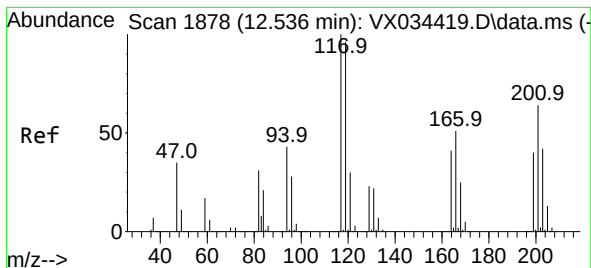
Tgt Ion: 75 Resp: 118894
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#85
sec-Butylbenzene
Concen: 0.442 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

Tgt Ion: 105 Resp: 6899
Ion Ratio Lower Upper
105 100
134 32.1 10.2 30.4#





#90

Hexachloroethane

Concen: 2.143 ug/l

RT: 12.646 min Scan# 1896

Delta R.T. 0.109 min

Lab File: VX034705.D

Acq: 23 Mar 2023 17:49

Instrument :

MSVOA_X

ClientSampleId :

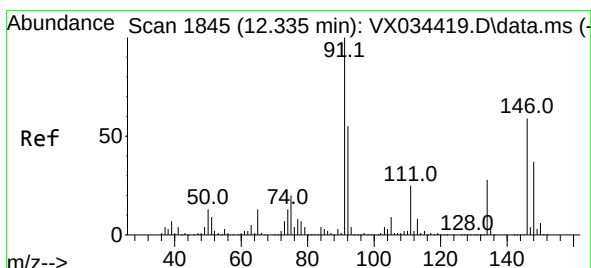
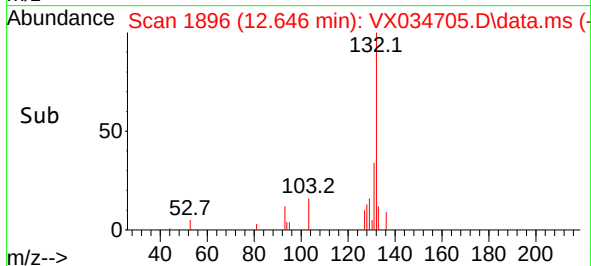
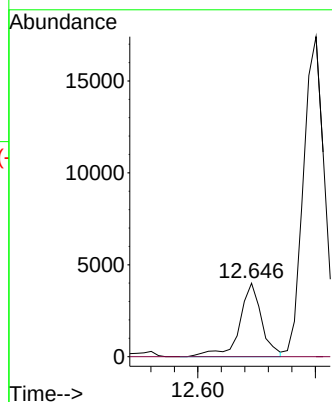
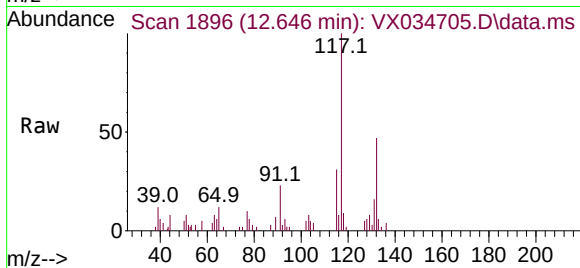
MW-2A

Tgt Ion:117 Resp: 5198

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.1#



#91

1,2-Dichlorobenzene

Concen: 0.478 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX034705.D

Acq: 23 Mar 2023 17:49

Tgt Ion:146 Resp: 3276

Ion Ratio Lower Upper

146 100

111 44.1 22.0 66.0

148 72.4 32.0 96.0

