

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)

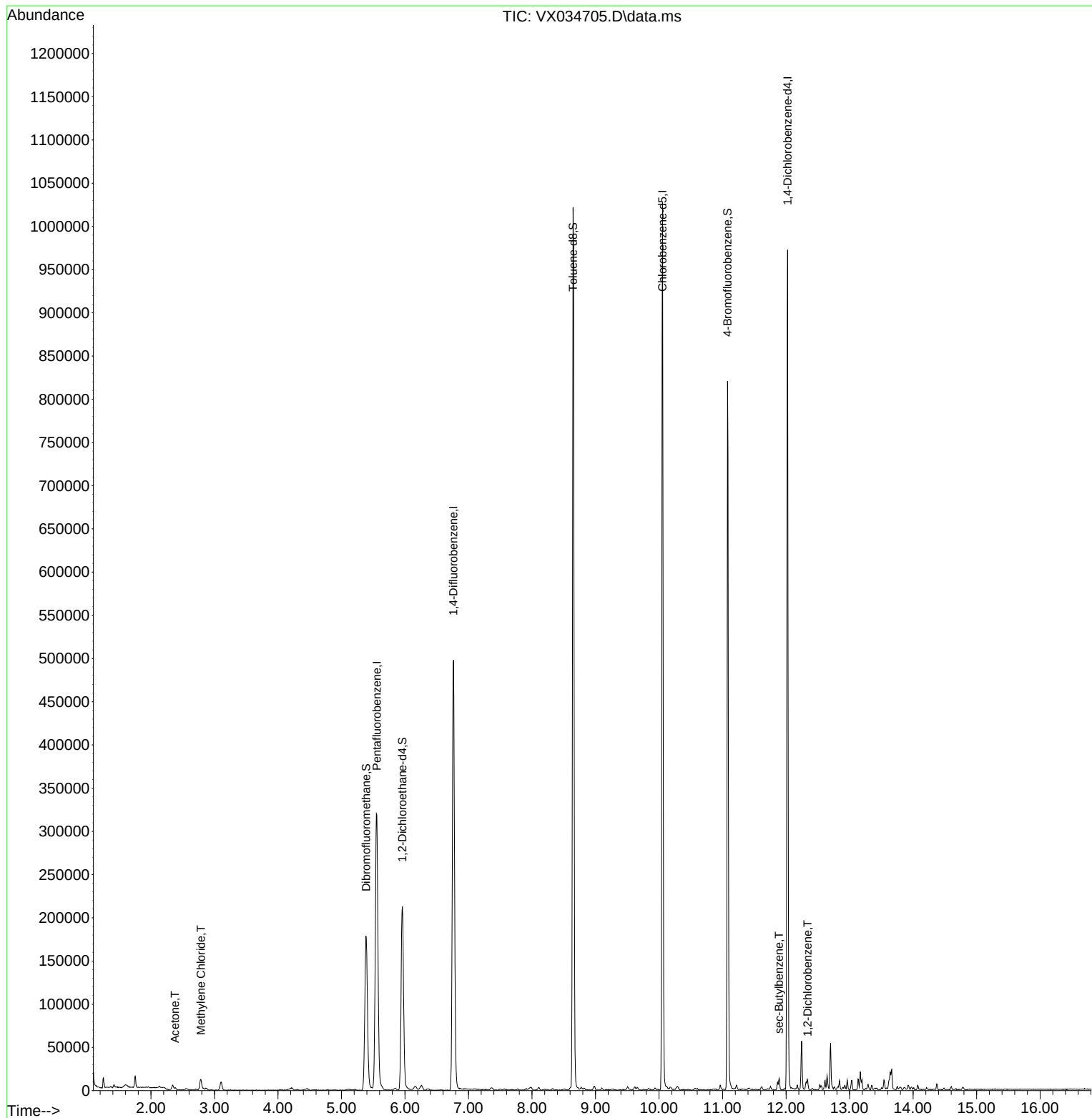
Internal Standards						
1) Pentafluorobenzene	5.555	168	295405	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	500295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
16) Acetone	2.379	43	2641	1.305	ug/l	98
20) Methylene Chloride	2.788	84	890	0.227	ug/l #	71
85) sec-Butylbenzene	11.890	105	6899	0.442	ug/l #	75
91) 1,2-Dichlorobenzene	12.341	146	3276	0.478	ug/l	94

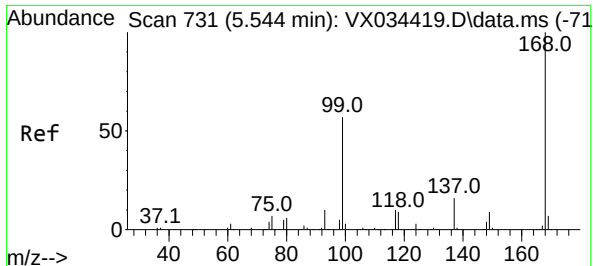
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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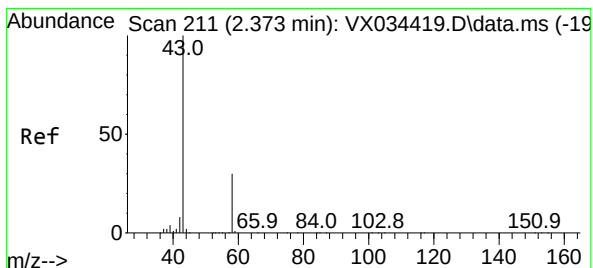
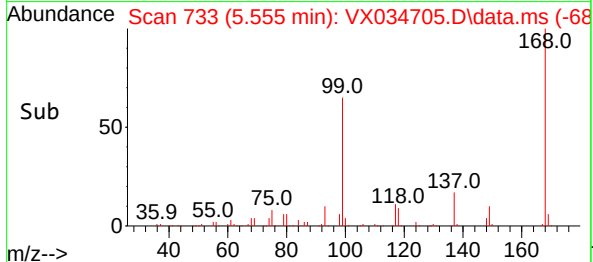
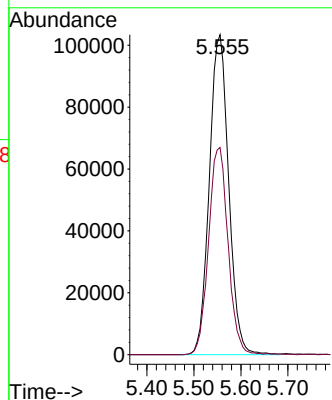
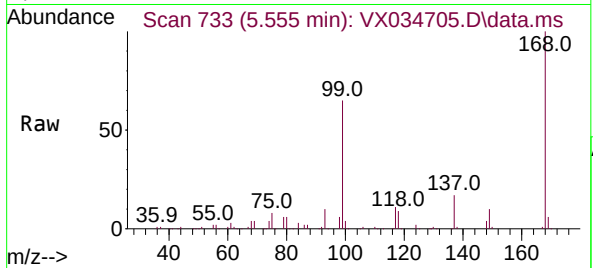




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.011 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

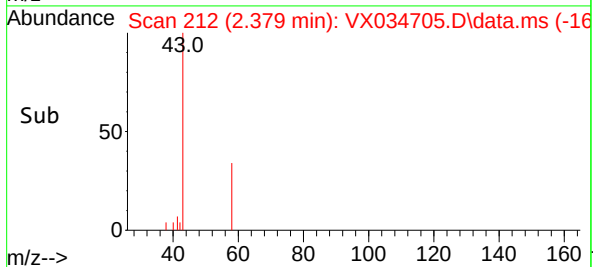
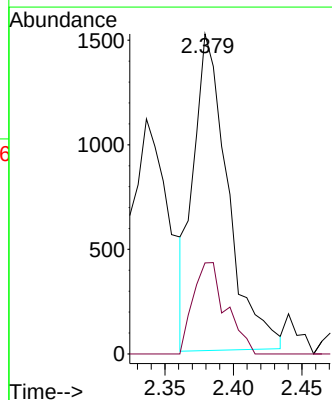
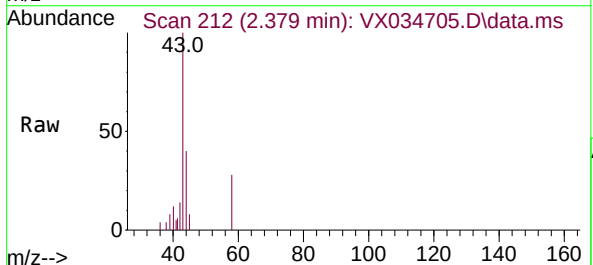
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

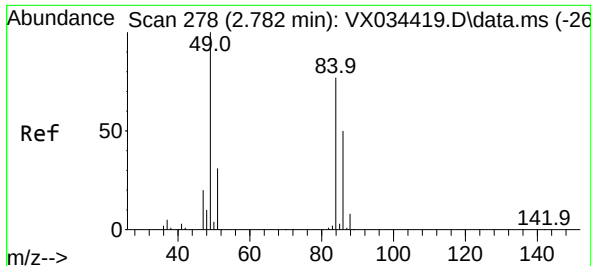
Tgt Ion:168 Resp: 295405
Ion Ratio Lower Upper
168 100
99 64.8 45.7 68.5



#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

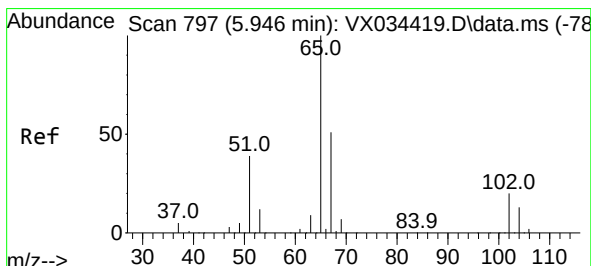
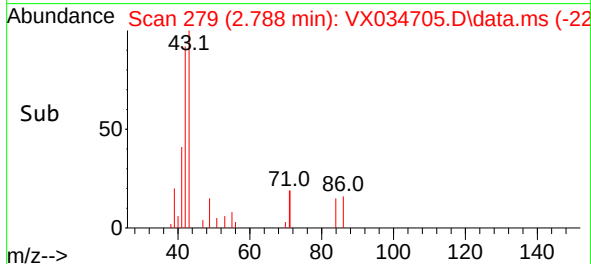
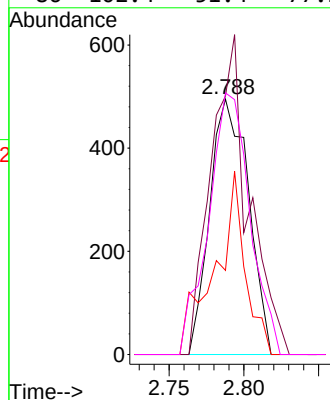
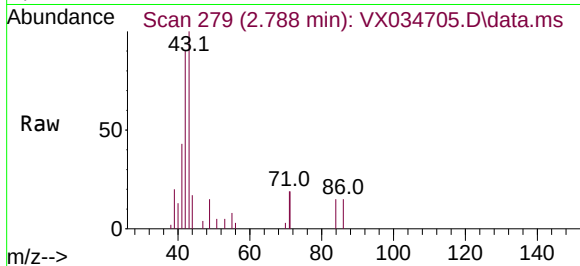




#20
Methylene Chloride
Concen: 0.227 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

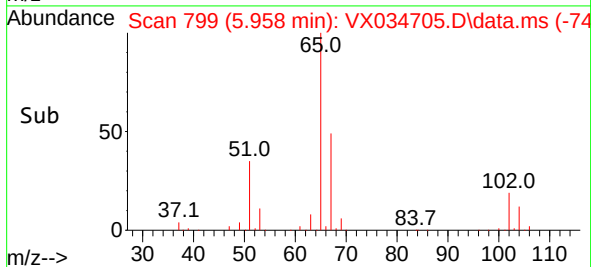
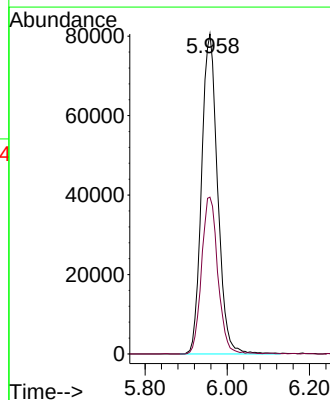
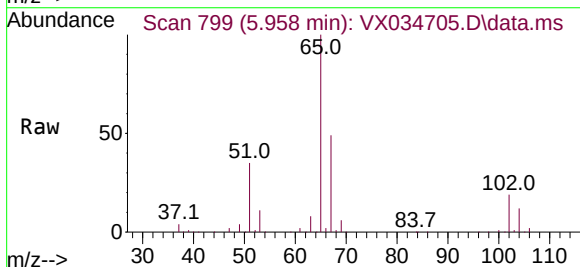
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

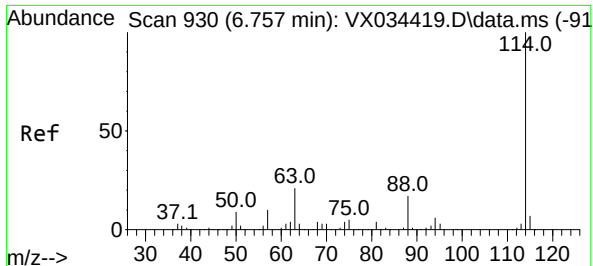
Tgt Ion: 84 Resp: 890
Ion Ratio Lower Upper
84 100
49 101.2 103.8 155.8#
51 32.9 31.8 47.8
86 102.4 51.4 77.2#



#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

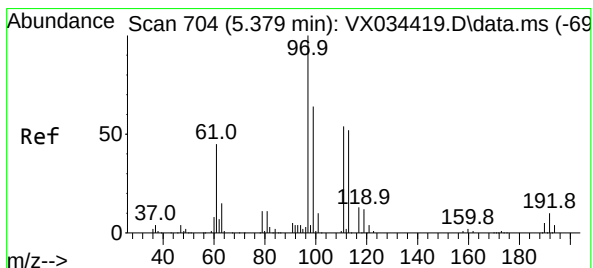
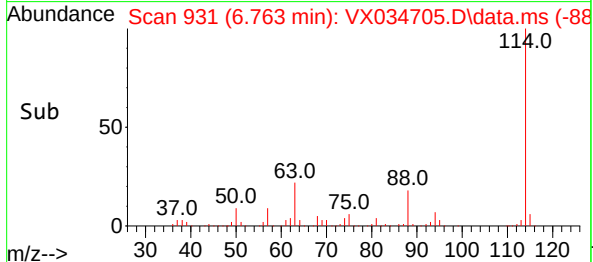
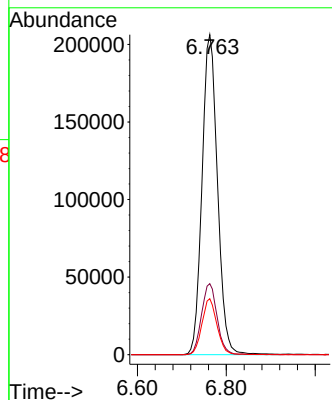
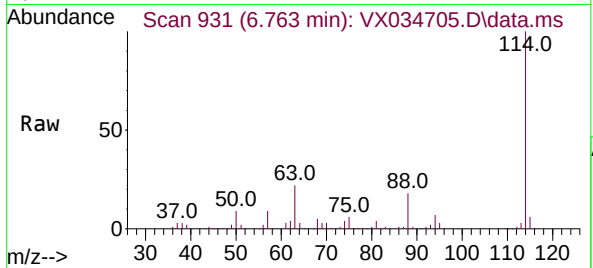




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

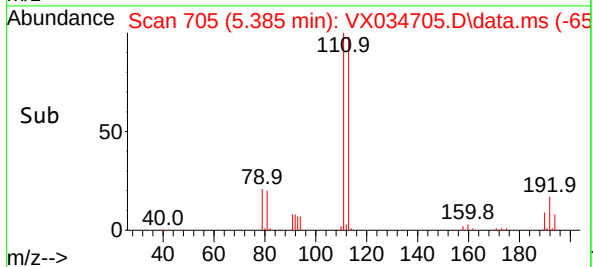
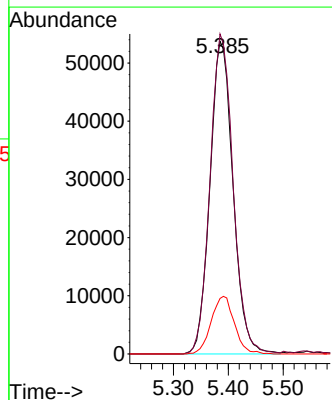
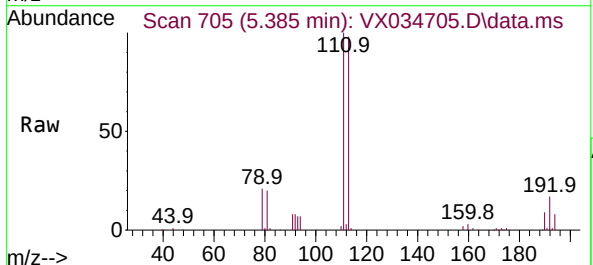
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

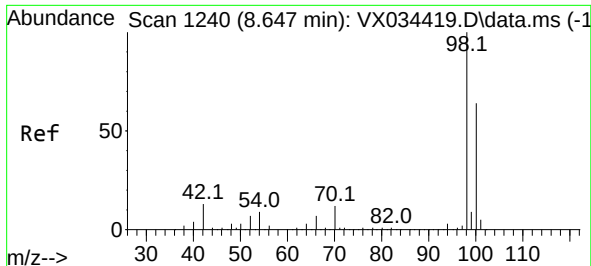
Tgt Ion:114 Resp: 500295
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 17.5 0.0 33.2



#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

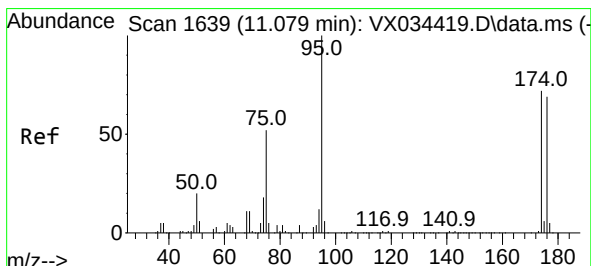
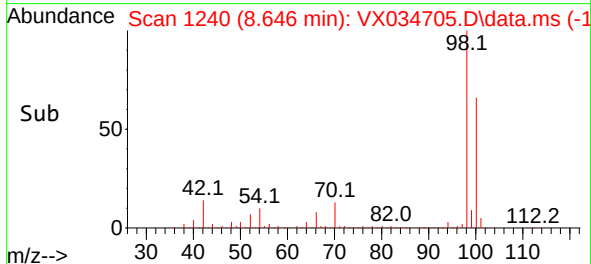
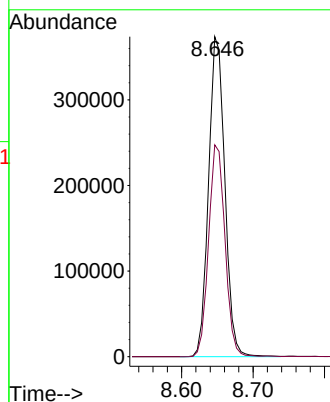
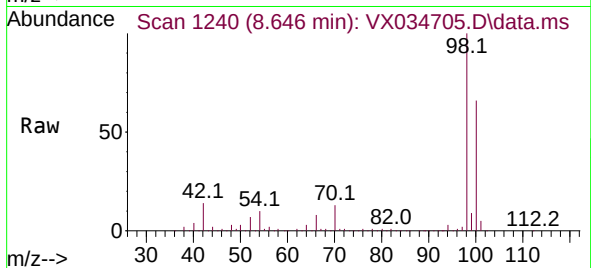




#50
Toluene-d8
Concen: 47.912 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

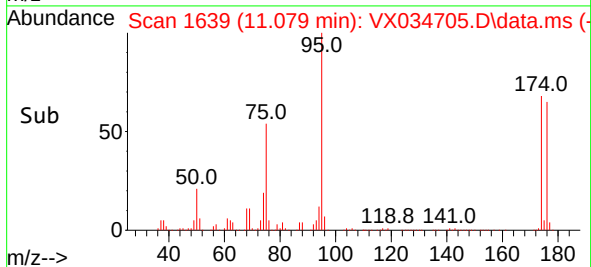
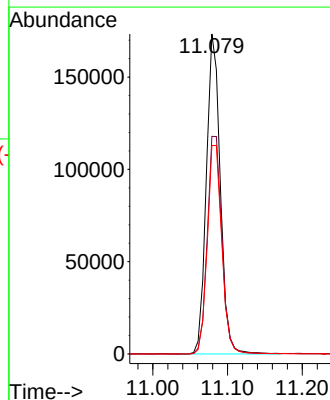
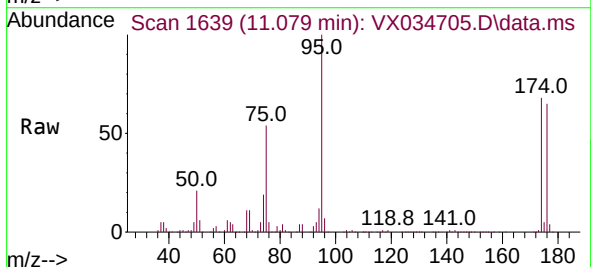
Instrument :
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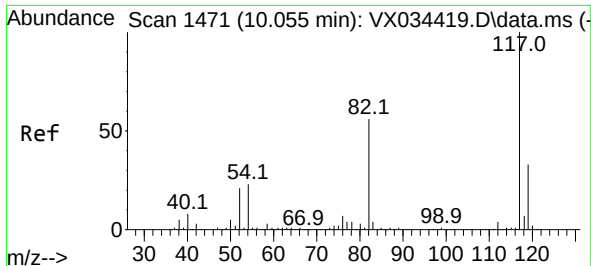
Tgt Ion: 98 Resp: 590799
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#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

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

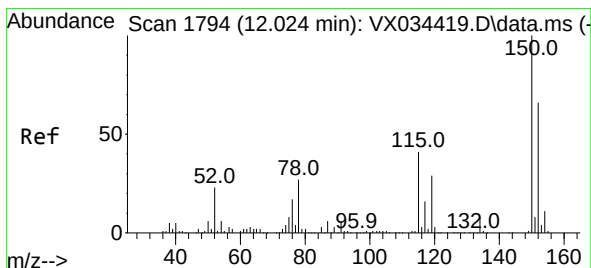
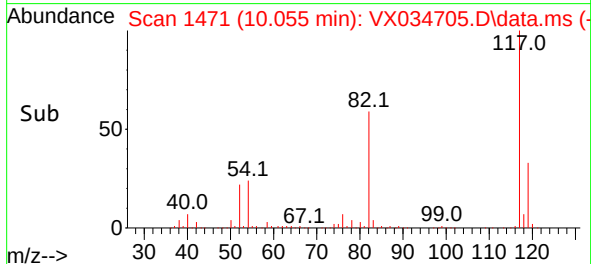
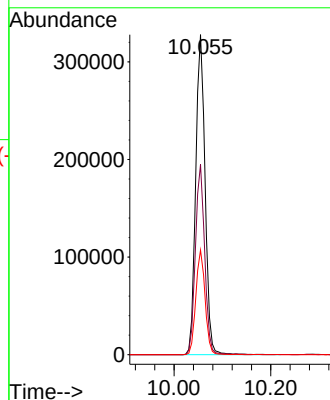
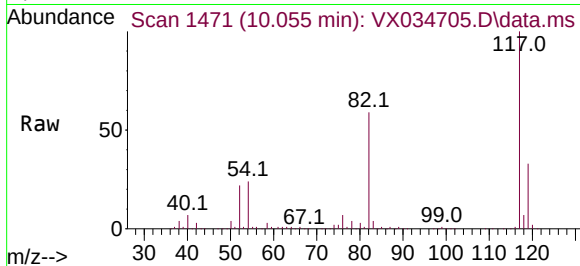




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

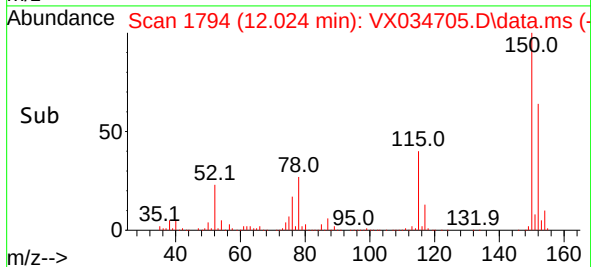
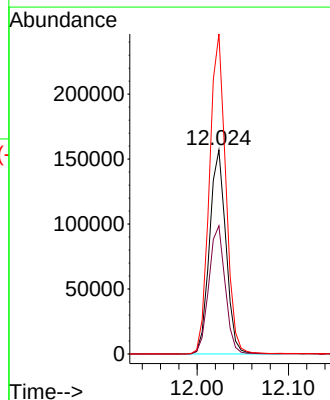
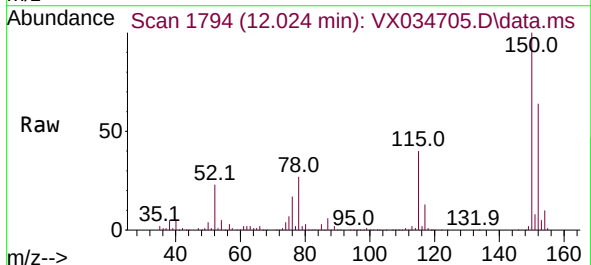
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

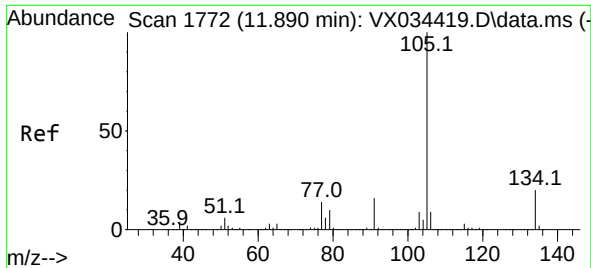
Tgt Ion:117 Resp: 440059
Ion Ratio Lower Upper
117 100
82 59.4 45.0 67.4
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034705.D
Acq: 23 Mar 2023 17:49

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

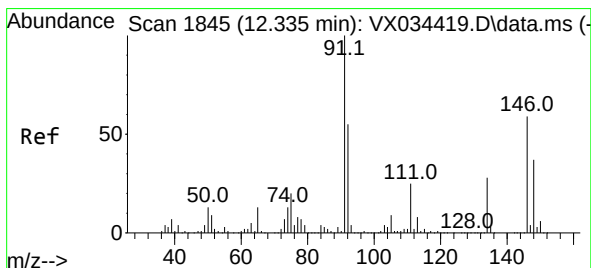
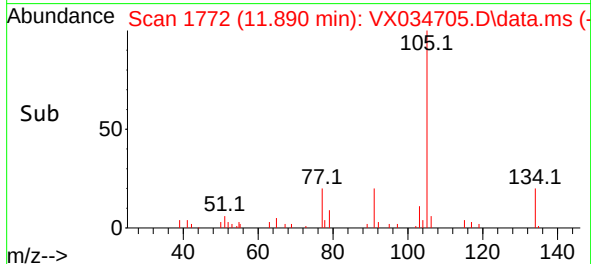
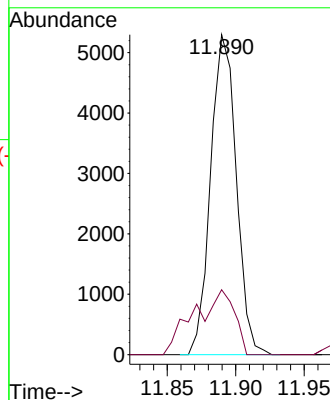
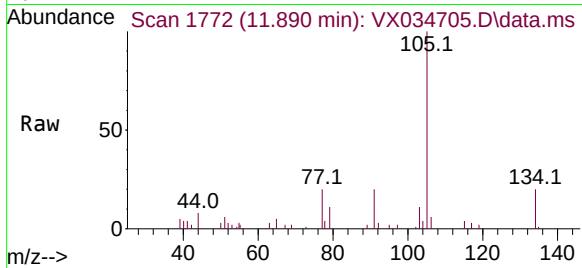




#85
 sec-Butylbenzene
 Concen: 0.442 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034705.D
 Acq: 23 Mar 2023 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A

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



#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

