

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035454.D
 Acq On : 01 May 2023 20:34
 Operator : JC/MD
 Sample : 02515-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02

Quant Time: May 02 00:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

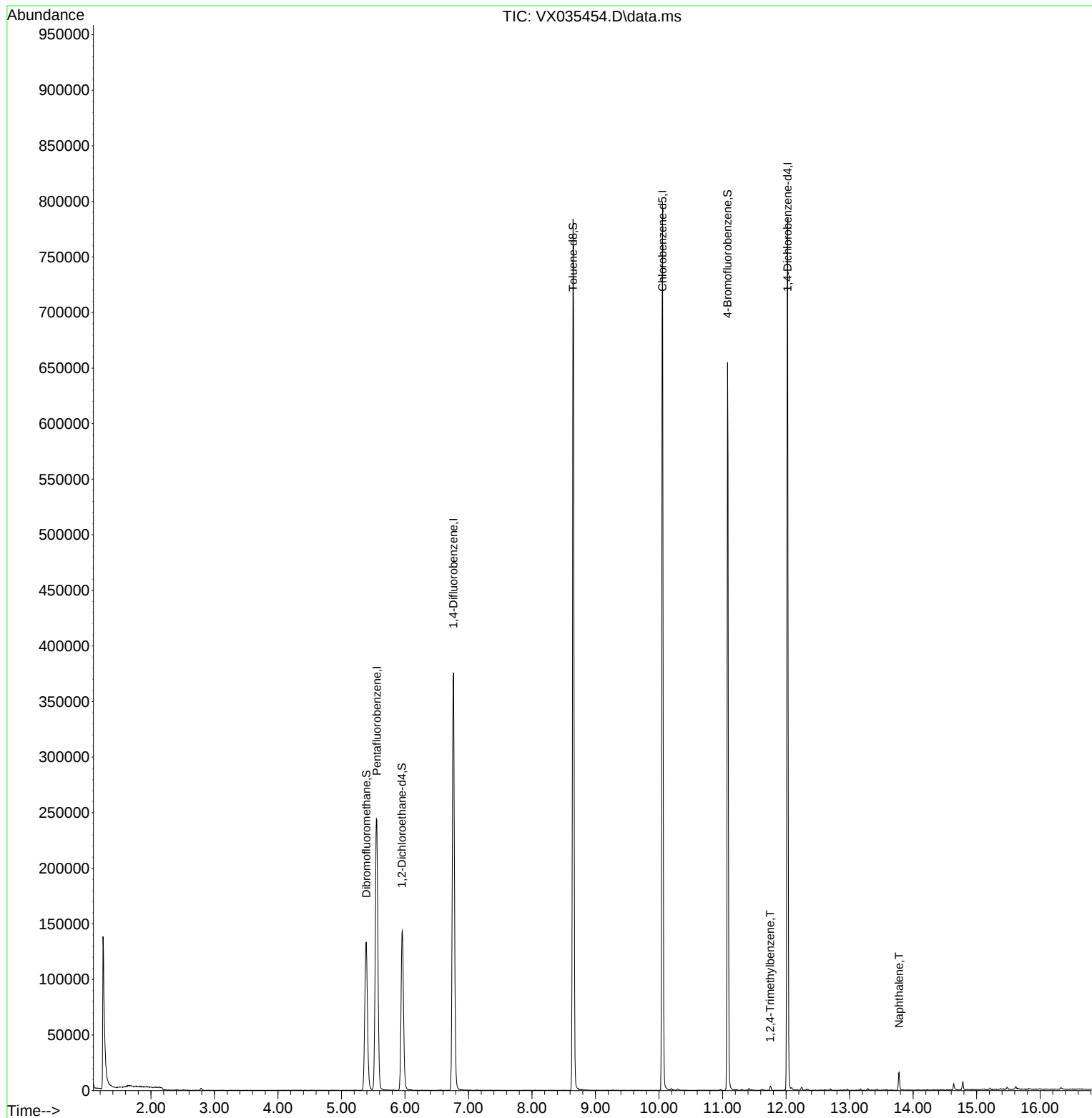
Internal Standards						
1) Pentafluorobenzene	5.556	168	247759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	396954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	143357	47.960	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.920%
35) Dibromofluoromethane	5.391	113	121473	49.858	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.720%
50) Toluene-d8	8.647	98	467623	50.879	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.760%
62) 4-Bromofluorobenzene	11.079	95	178146	51.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.060%
Target Compounds						
					Qvalue	
84) 1,2,4-Trimethylbenzene	11.750	105	2179	0.204	ug/l	87
95) Naphthalene	13.780	128	12175	1.055	ug/l	100

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

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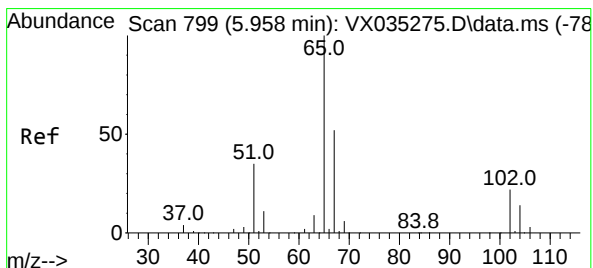
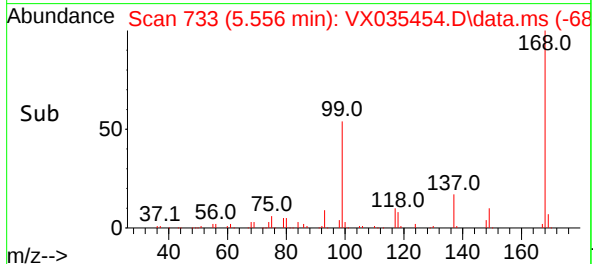
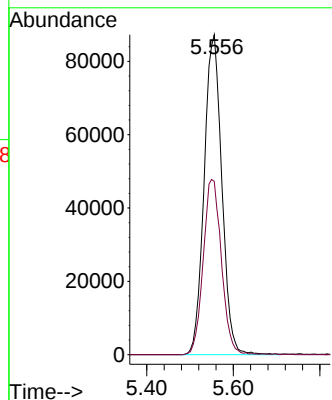
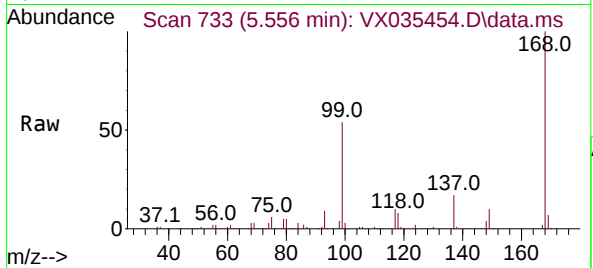




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

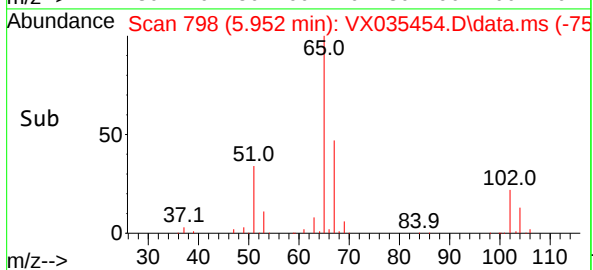
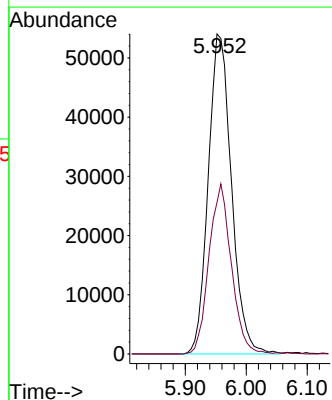
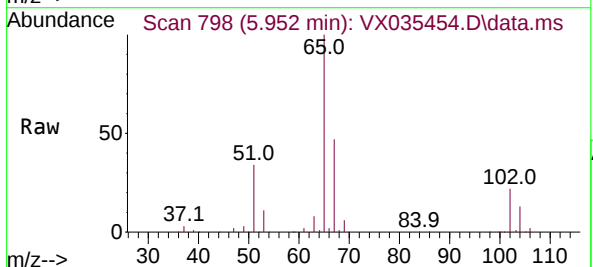
Instrument :
MSVOA_X
ClientSampleId :
TB-02

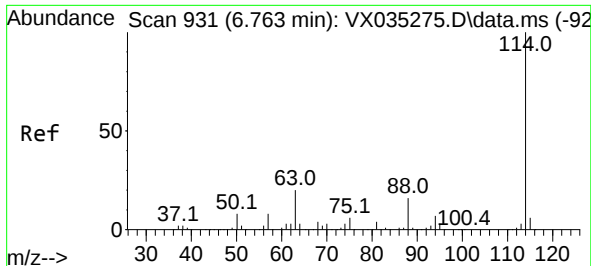
Tgt Ion:168 Resp: 247759
Ion Ratio Lower Upper
168 100
99 54.1 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 47.960 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

Tgt Ion: 65 Resp: 143357
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0

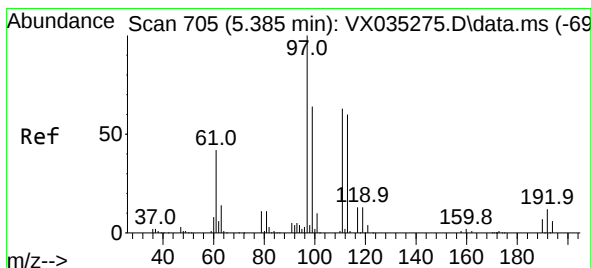
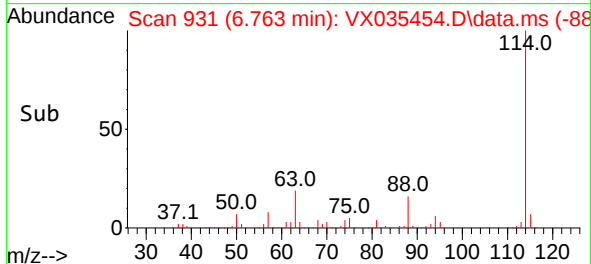
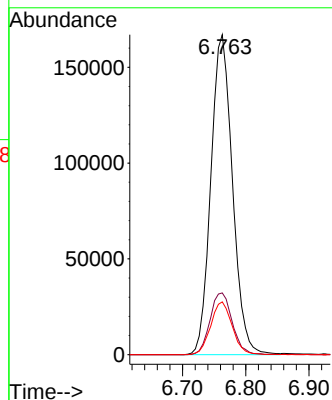
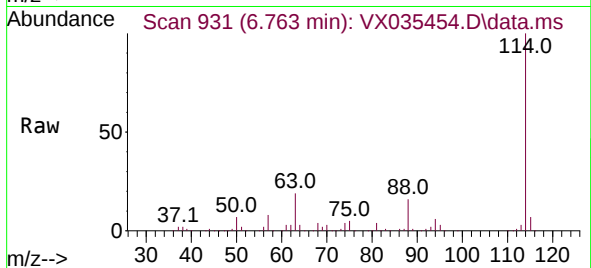




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

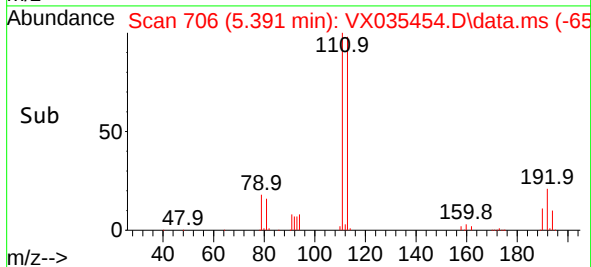
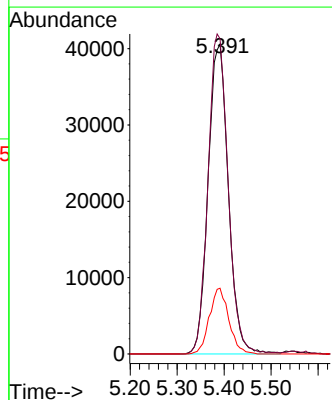
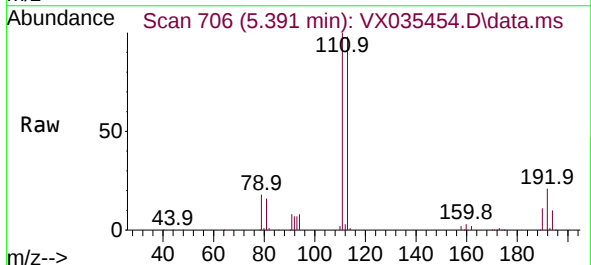
Instrument :
MSVOA_X
ClientSampleId :
TB-02

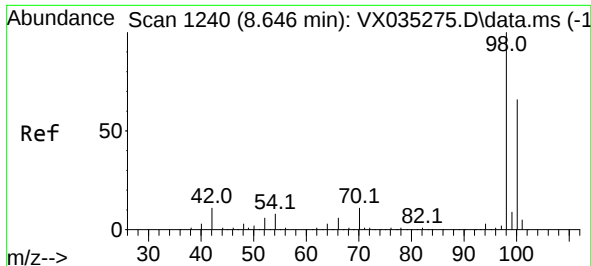
Tgt Ion:114 Resp: 396954
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.2
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.858 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

Tgt Ion:113 Resp: 121473
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 20.3 15.4 23.2

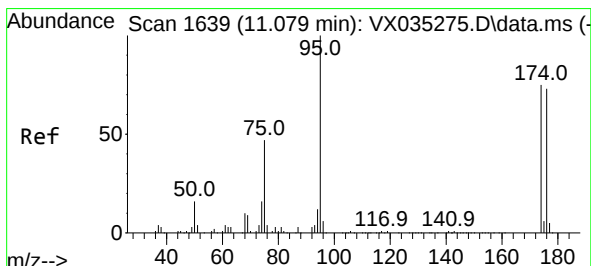
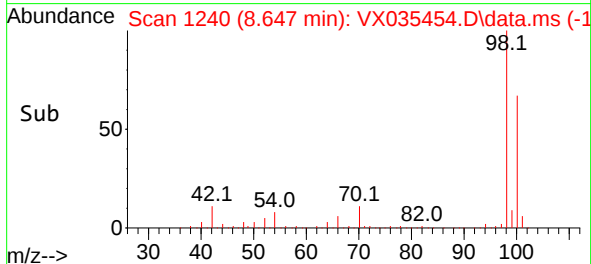
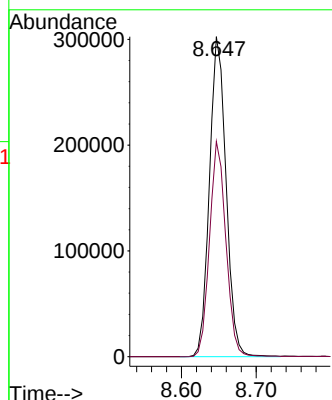
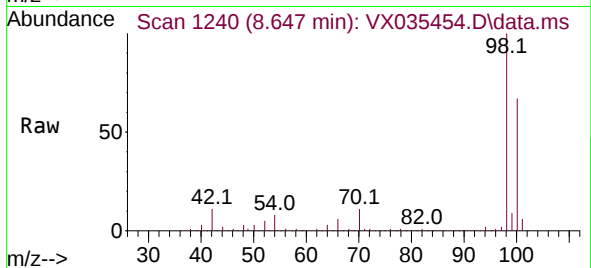




#50
Toluene-d8
Concen: 50.879 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

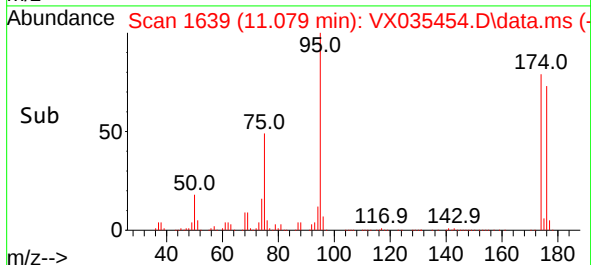
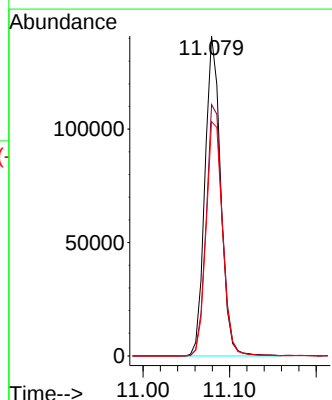
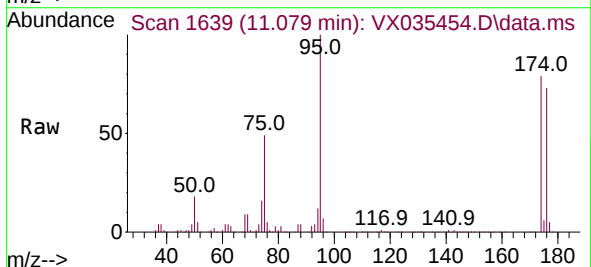
Instrument :
MSVOA_X
ClientSampleId :
TB-02

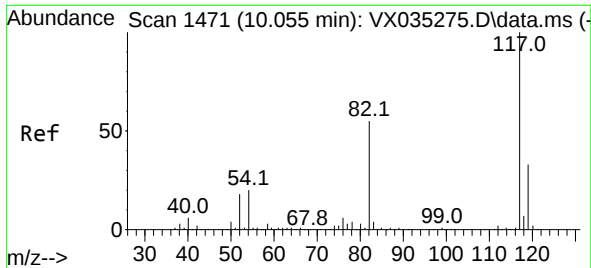
Tgt Ion: 98 Resp: 467623
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

Tgt Ion: 95 Resp: 178146
Ion Ratio Lower Upper
95 100
174 81.4 0.0 147.4
176 76.9 0.0 140.6

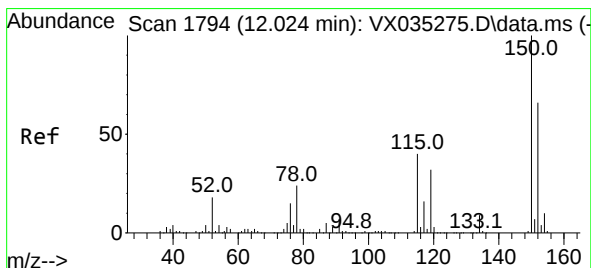
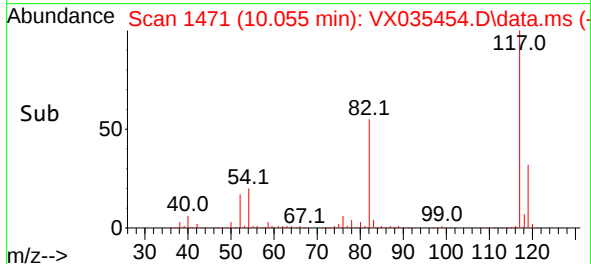
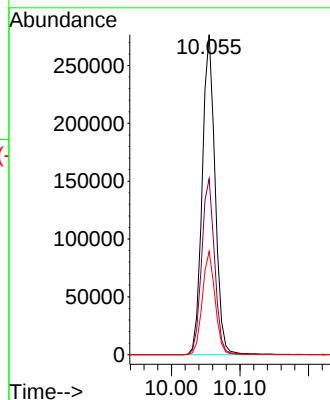
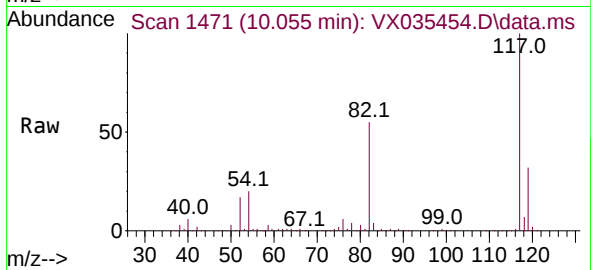




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

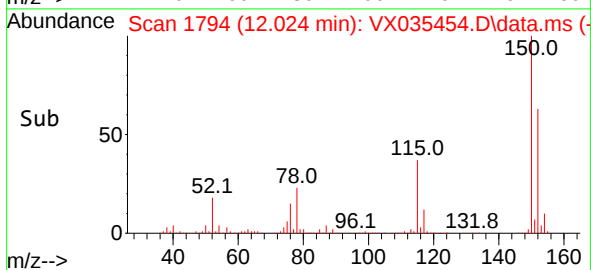
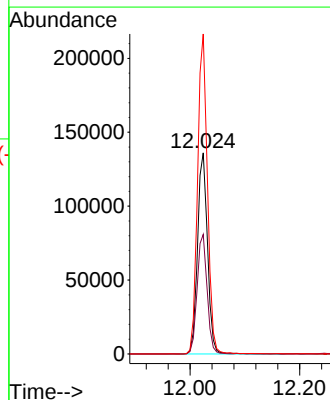
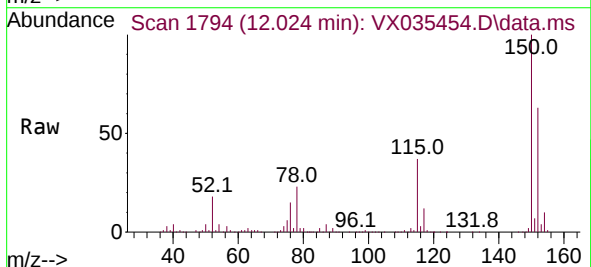
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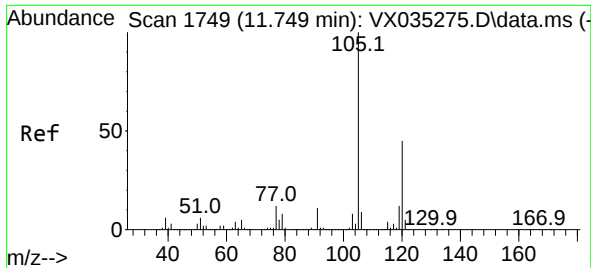
Tgt Ion:117 Resp: 362348
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

Tgt Ion:152 Resp: 172725
Ion Ratio Lower Upper
152 100
115 59.5 45.0 135.0
150 157.9 0.0 352.4

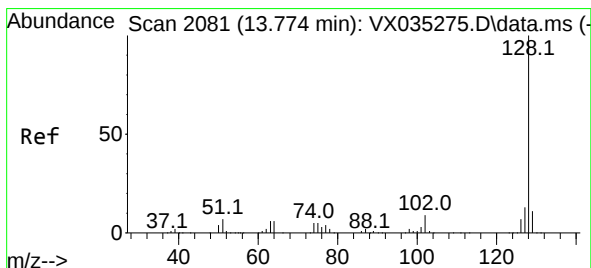
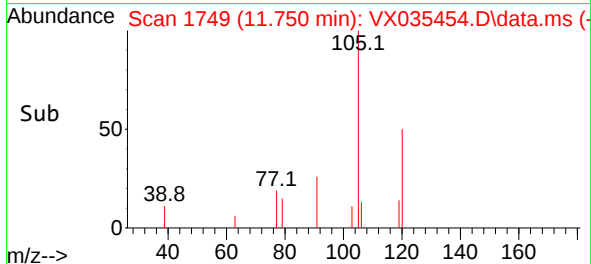
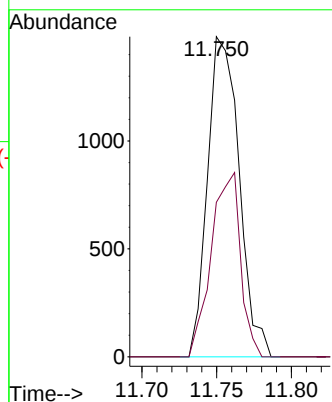
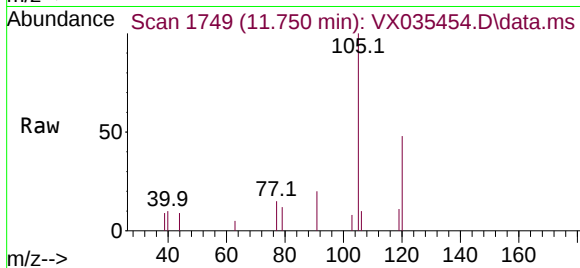




#84
 1,2,4-Trimethylbenzene
 Concen: 0.204 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.001 min
 Lab File: VX035454.D
 Acq: 01 May 2023 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02

Tgt Ion:105 Resp: 2179
 Ion Ratio Lower Upper
 105 100
 120 53.1 22.4 67.0



#95
 Naphthalene
 Concen: 1.055 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX035454.D
 Acq: 01 May 2023 20:34

Tgt Ion:128 Resp: 12175
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.2 15.4
 129 10.6 8.6 13.0

