

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031709.D
 Acq On : 27 Sep 2022 18:07
 Operator : JC/MD
 Sample : N4837-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251563-4

Quant Time: Sep 28 06:32:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	56385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	89864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66080	55.218	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.440%
35) Dibromofluoromethane	5.391	113	52034	48.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	8.653	98	193416	49.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.660%
62) 4-Bromofluorobenzene	11.079	95	64781	45.531	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.060%

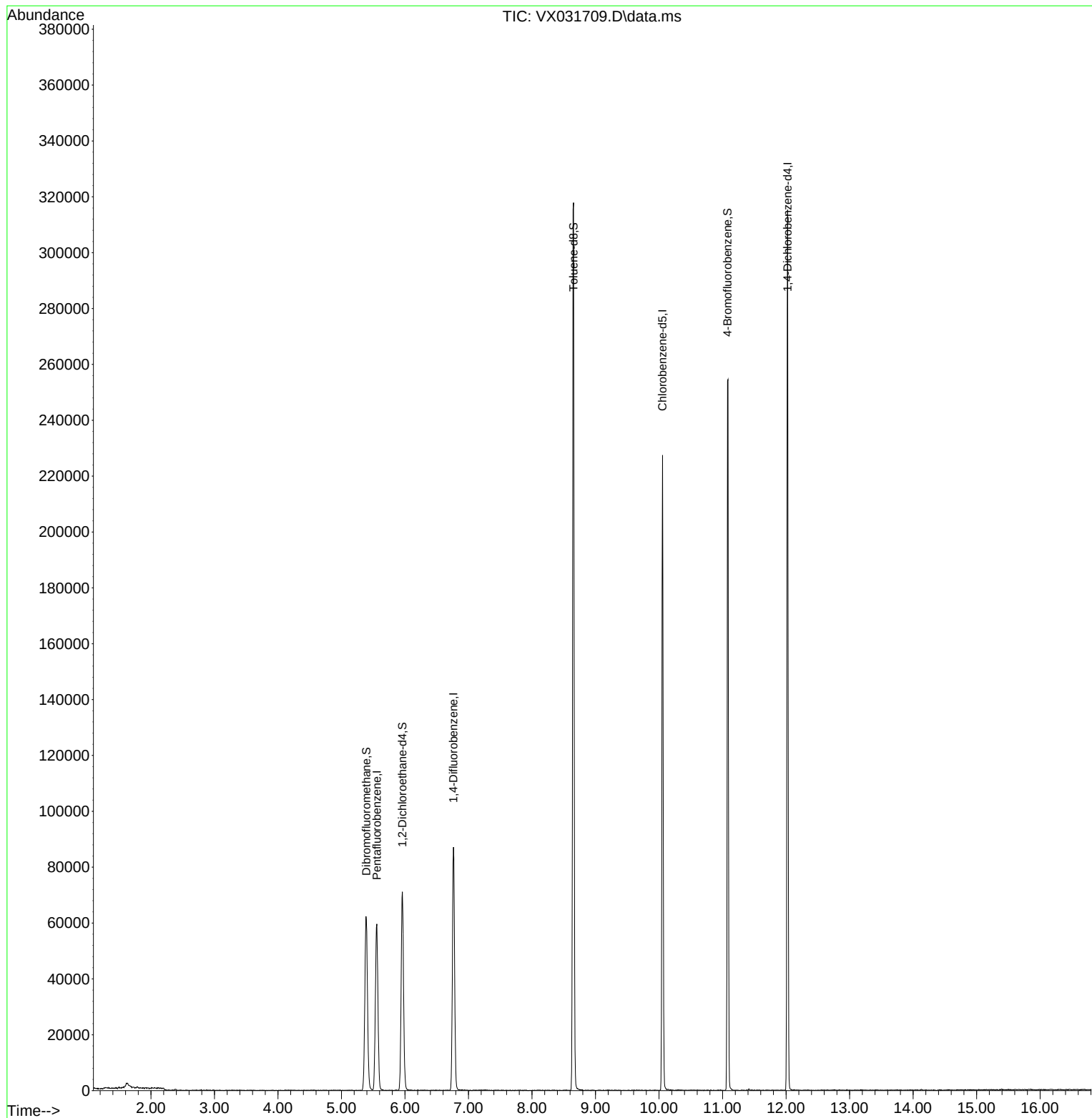
Target Compounds	Qvalue

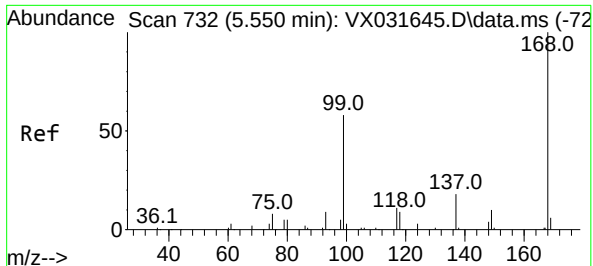
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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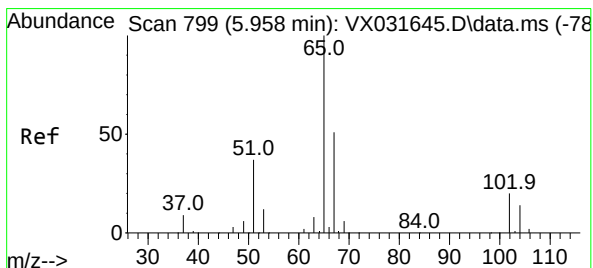
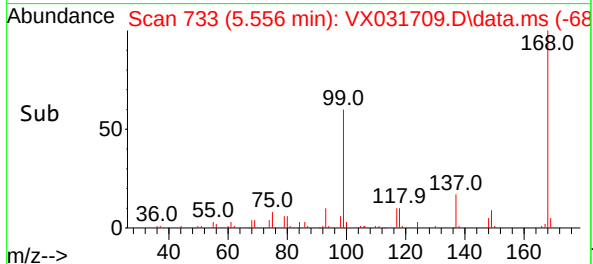
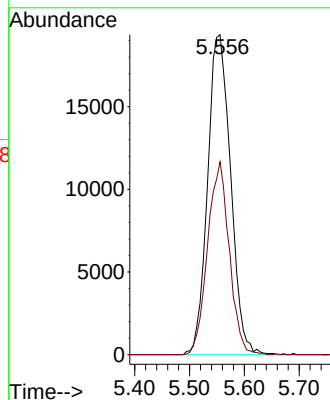
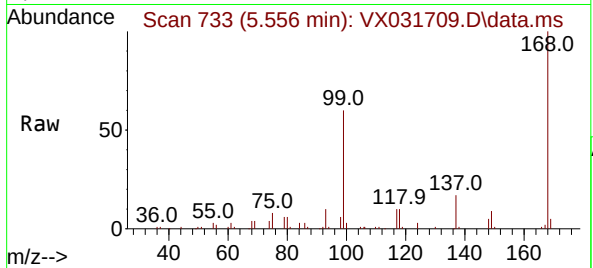




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

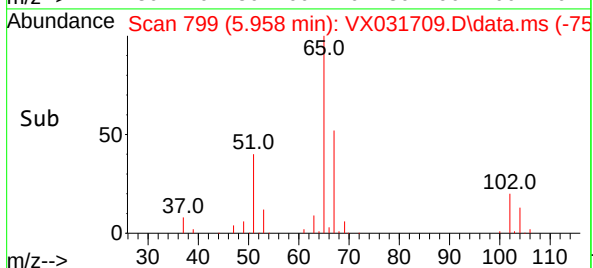
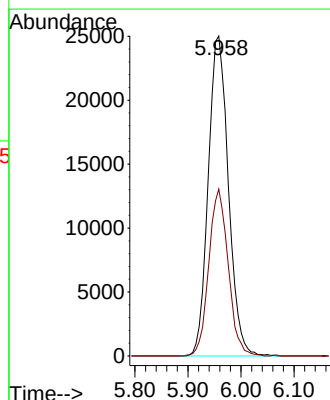
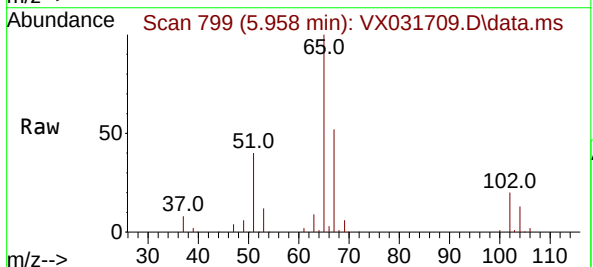
Instrument :
MSVOA_X
ClientSampleId :
251563-4

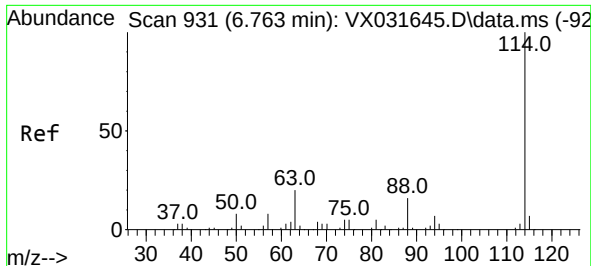
Tgt Ion:168 Resp: 56385
Ion Ratio Lower Upper
168 100
99 60.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 55.218 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

Tgt Ion: 65 Resp: 66080
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.4

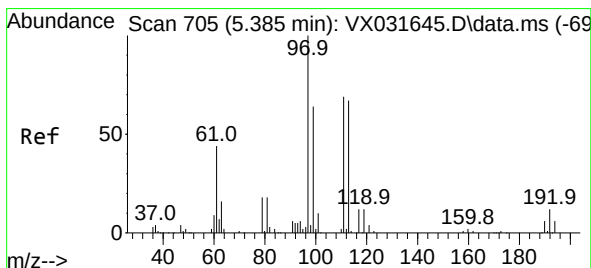
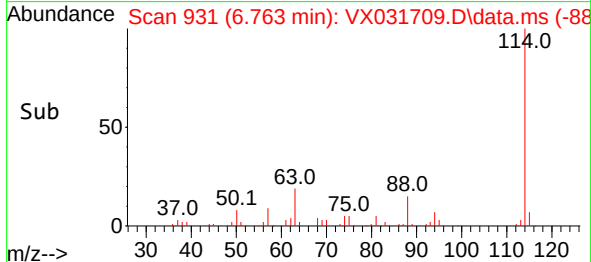
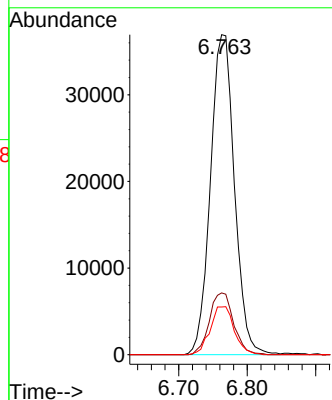
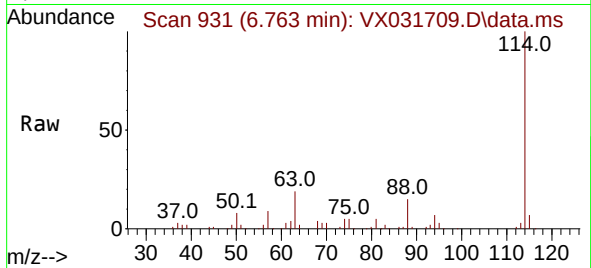




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX031709.D
 Acq: 27 Sep 2022 18:07

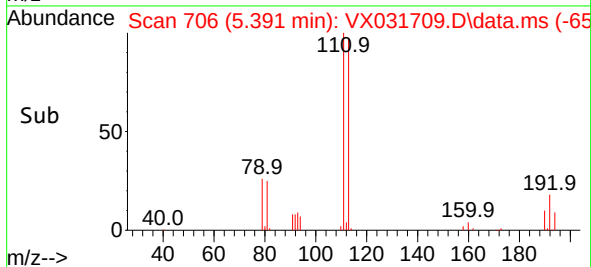
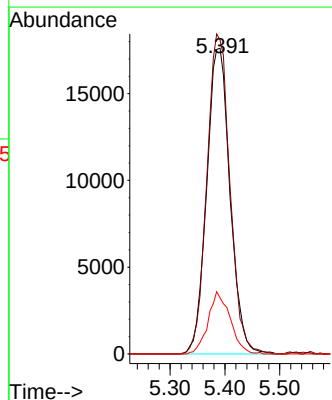
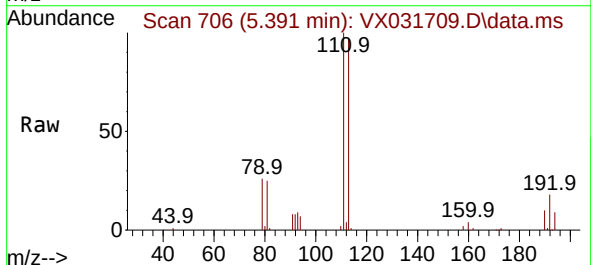
Instrument :
 MSVOA_X
 ClientSampleId :
 251563-4

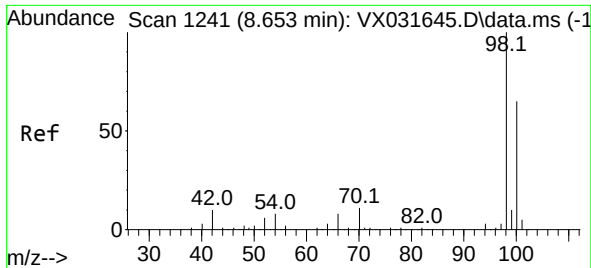
Tgt Ion:114 Resp: 89864
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.6
 88 14.9 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 48.596 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. -0.000 min
 Lab File: VX031709.D
 Acq: 27 Sep 2022 18:07

Tgt Ion:113 Resp: 52034
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.4 123.6
 192 19.3 14.1 21.1

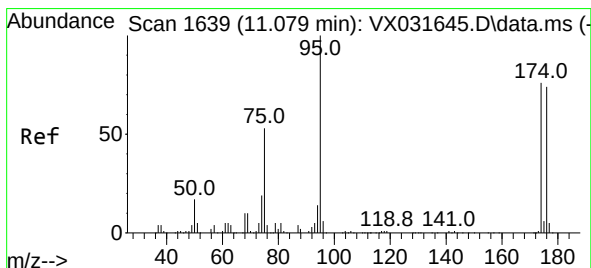
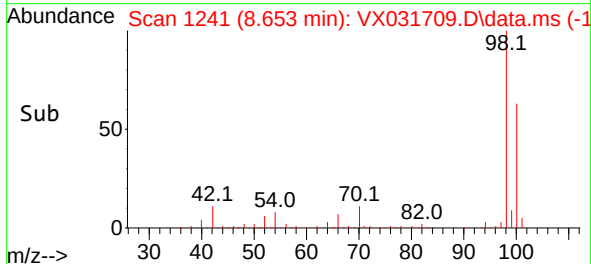
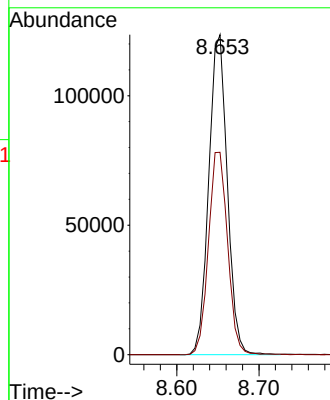
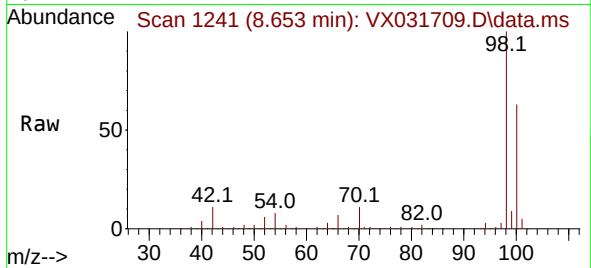




#50
Toluene-d8
Concen: 49.825 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

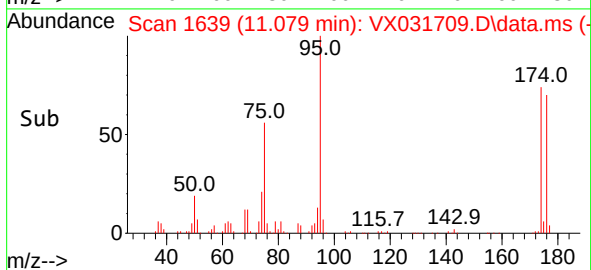
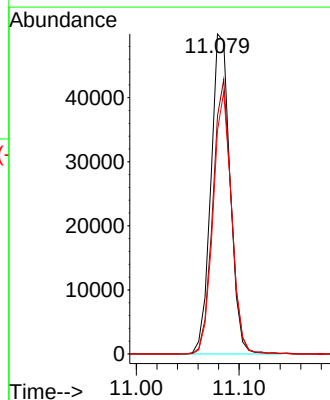
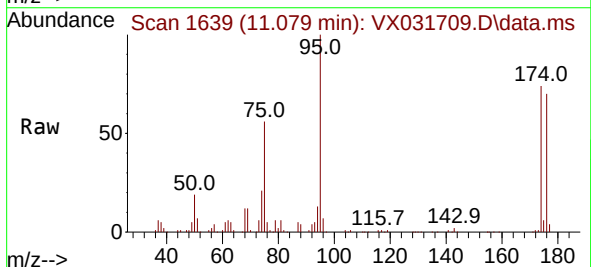
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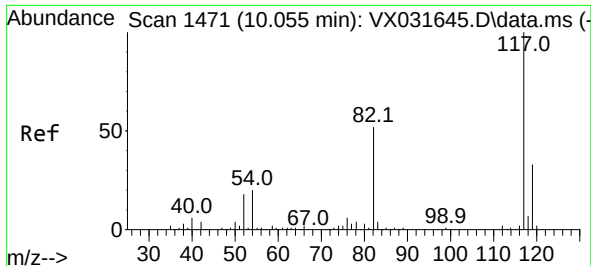
Tgt Ion: 98 Resp: 193416
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

Tgt Ion: 95 Resp: 64781
Ion Ratio Lower Upper
95 100
174 82.6 0.0 153.2
176 78.9 0.0 144.0

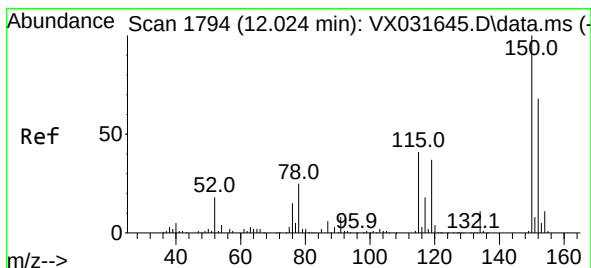
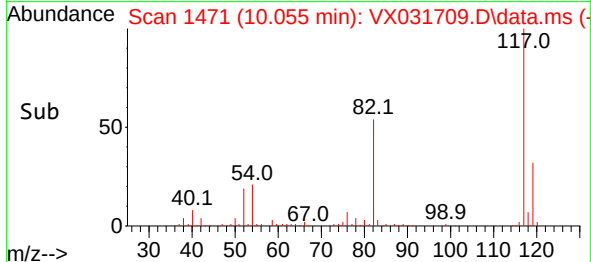
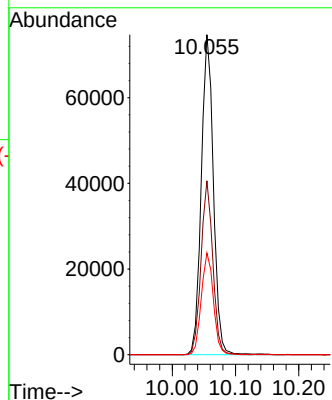
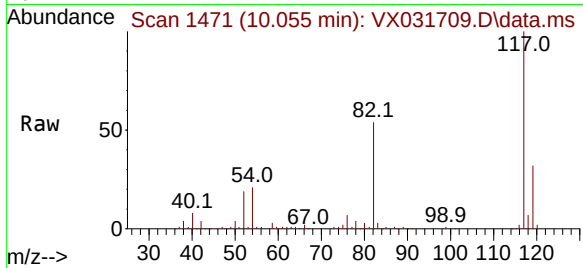




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :
251563-4

Tgt Ion:117 Resp: 99581
Ion Ratio Lower Upper
117 100
82 54.4 46.8 70.2
119 31.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

Tgt Ion:152 Resp: 62678
Ion Ratio Lower Upper
152 100
115 59.6 43.4 130.1
150 157.2 0.0 346.8

