

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045906.D
 Acq On : 23 Apr 2025 12:41
 Operator : JC/MD
 Sample : Q1837-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Apr 24 02:14:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	65174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63760	53.496	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.000%
35) Dibromofluoromethane	5.379	113	46889	51.009	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.020%
50) Toluene-d8	8.647	98	161600	50.366	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.740%
62) 4-Bromofluorobenzene	11.079	95	61297	52.449	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.900%

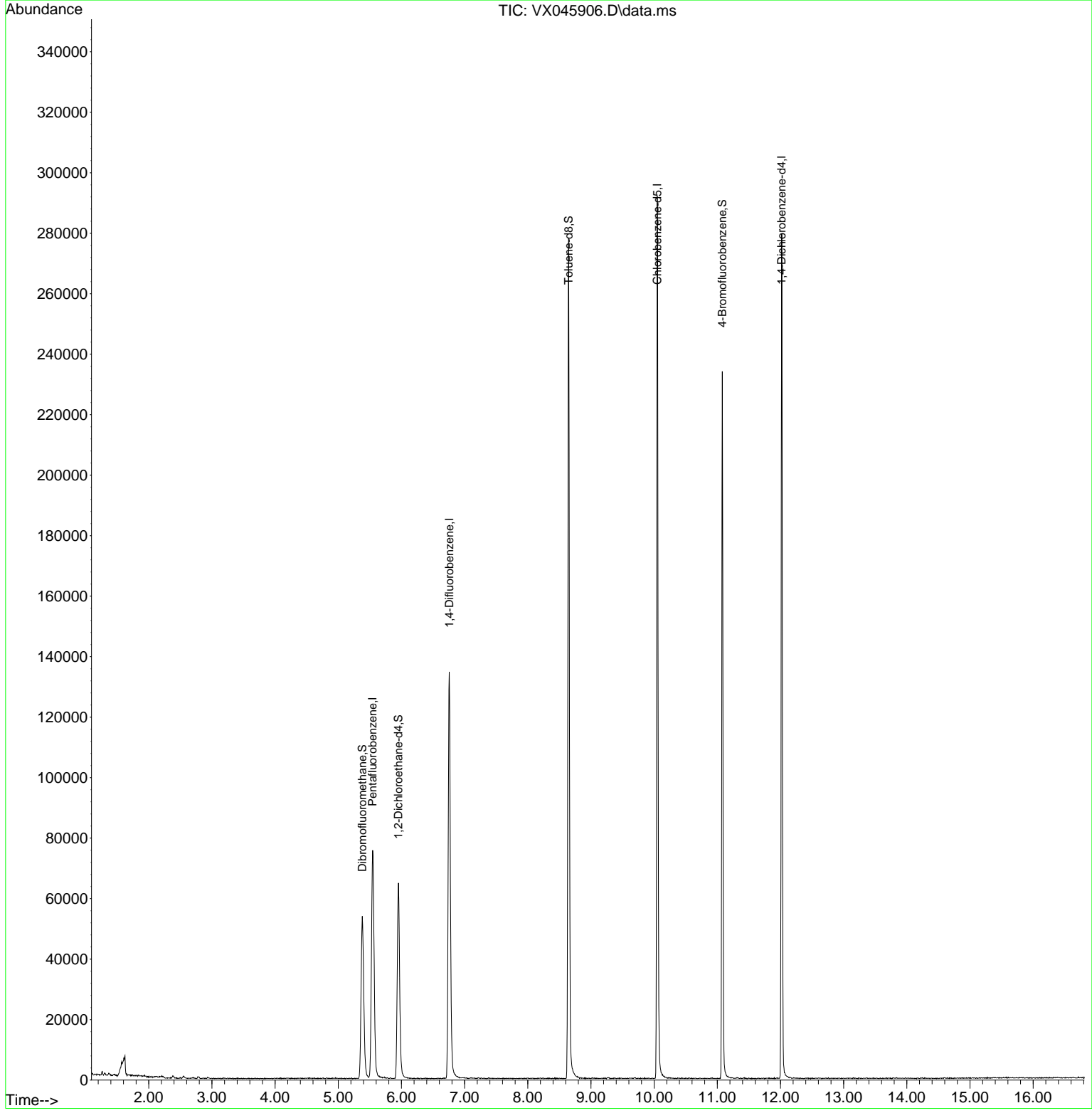
Target Compounds Qvalue

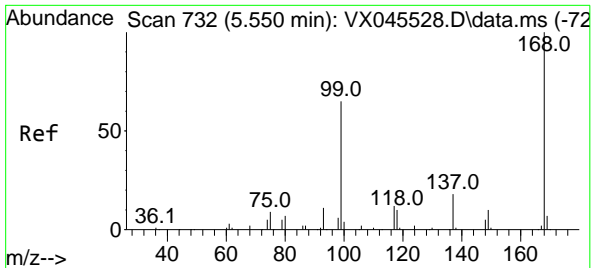
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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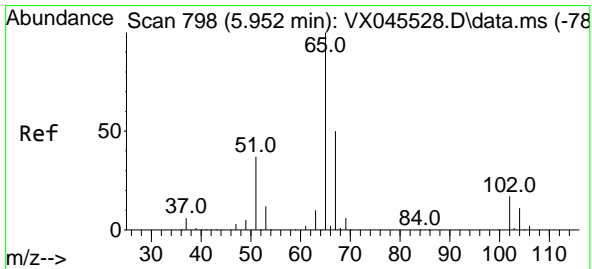
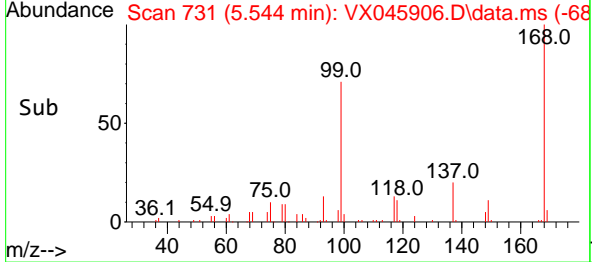
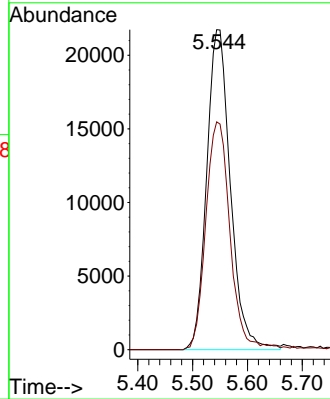
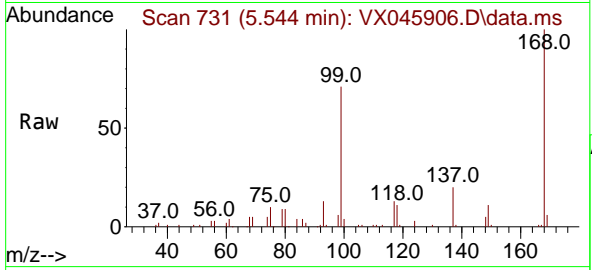




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.544 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VX045906.D
 Acq: 23 Apr 2025 12:41

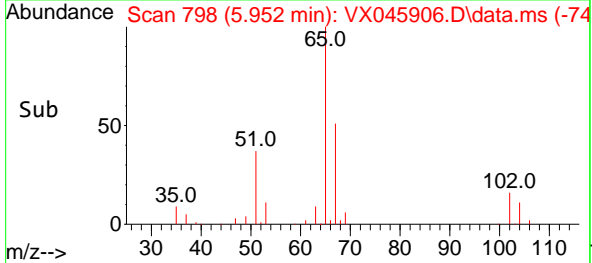
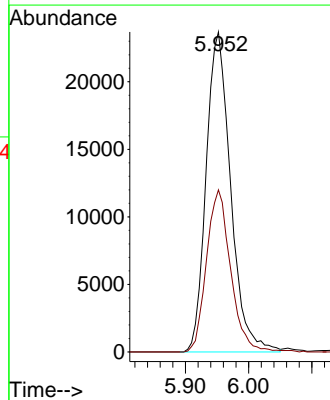
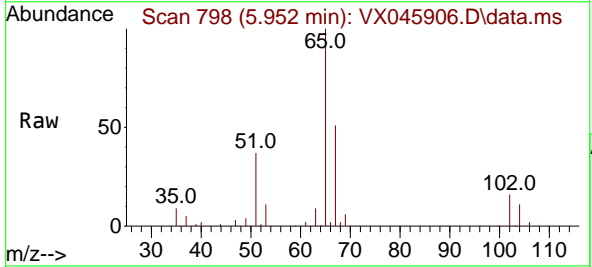
Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-WATER-REF-5

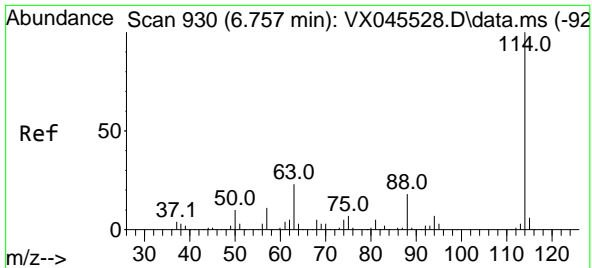
Tgt Ion:168 Resp: 65174
 Ion Ratio Lower Upper
 168 100
 99 71.2 52.3 78.5



#33
 1,2-Dichloroethane-d4
 Concen: 53.496 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045906.D
 Acq: 23 Apr 2025 12:41

Tgt Ion: 65 Resp: 63760
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.0



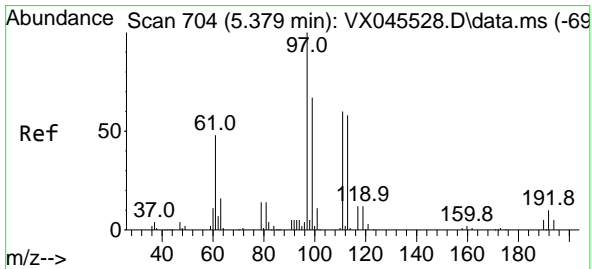
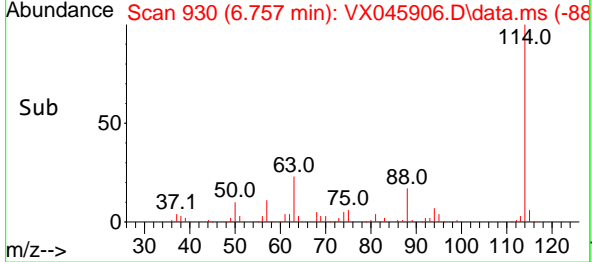
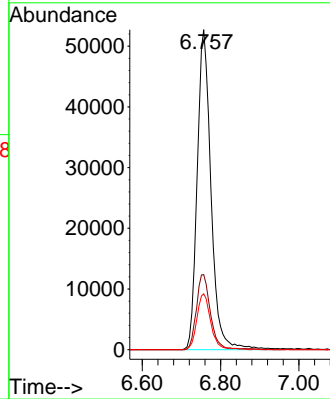
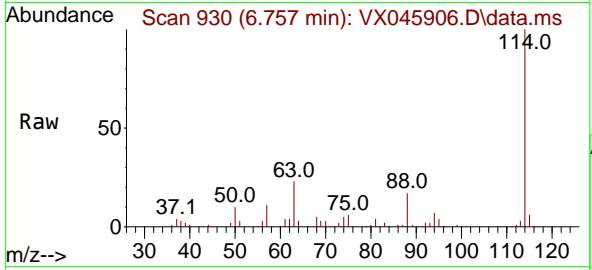


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX045906.D
 Acq: 23 Apr 2025 12:41

Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-WATER-REF-5

Tgt Ion:114 Resp: 129561

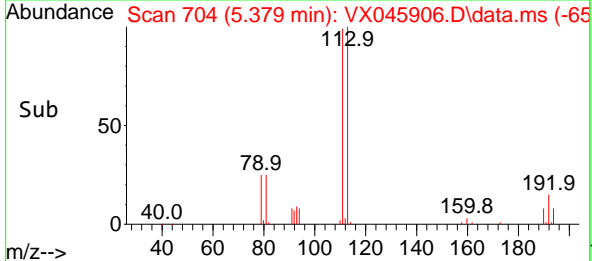
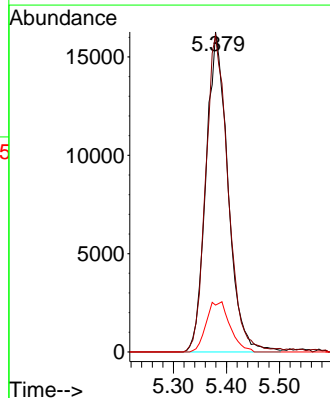
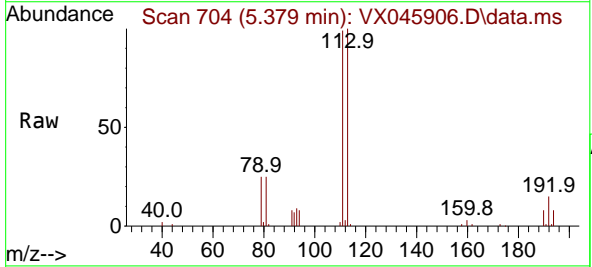
Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	46.8
88	17.5	0.0	35.4

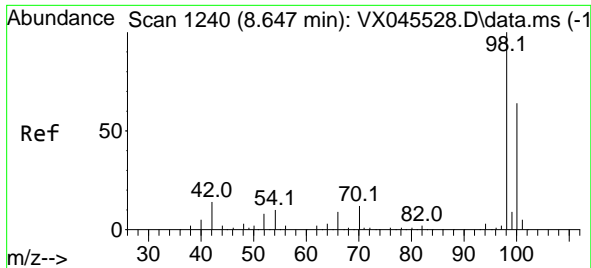


#35
 Dibromofluoromethane
 Concen: 51.009 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX045906.D
 Acq: 23 Apr 2025 12:41

Tgt Ion:113 Resp: 46889

Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.8	122.6
192	16.9	13.8	20.6

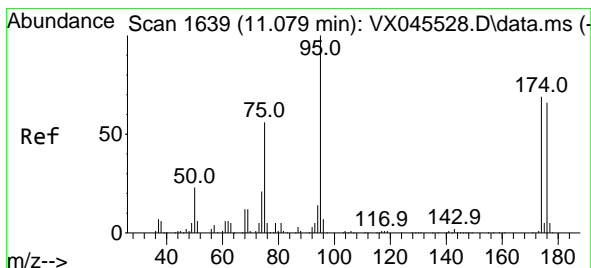
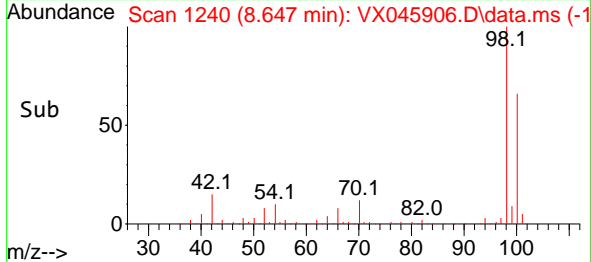
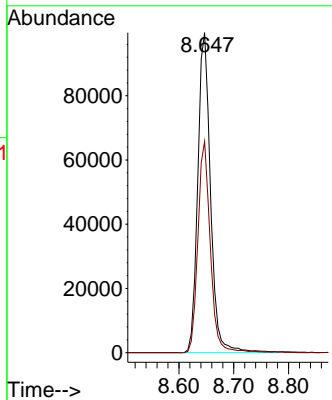
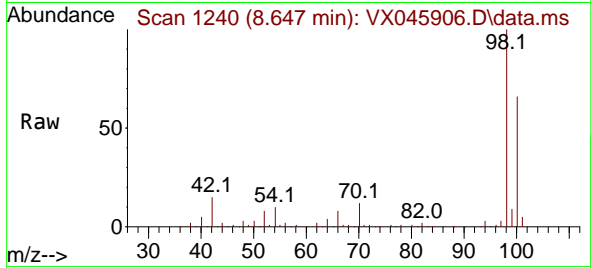




#50
 Toluene-d8
 Concen: 50.366 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045906.D
 Acq: 23 Apr 2025 12:41

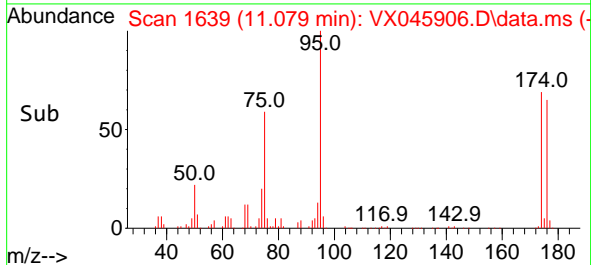
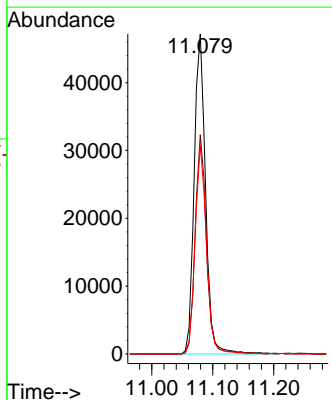
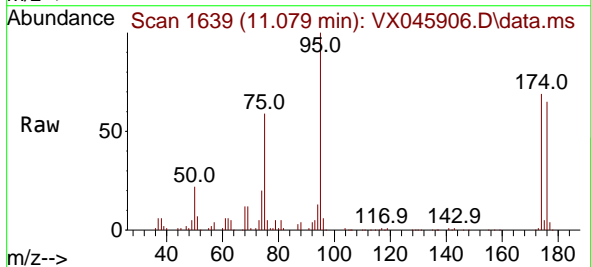
Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-WATER-REF-5

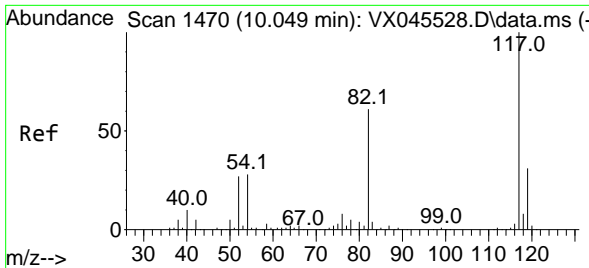
Tgt Ion: 98 Resp: 161600
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.2 78.4



#62
 4-Bromofluorobenzene
 Concen: 52.449 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX045906.D
 Acq: 23 Apr 2025 12:41

Tgt Ion: 95 Resp: 61297
 Ion Ratio Lower Upper
 95 100
 174 67.6 0.0 135.8
 176 64.7 0.0 131.4



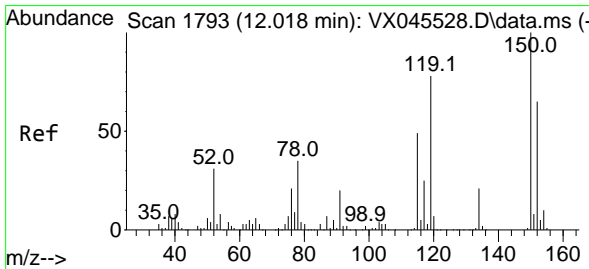
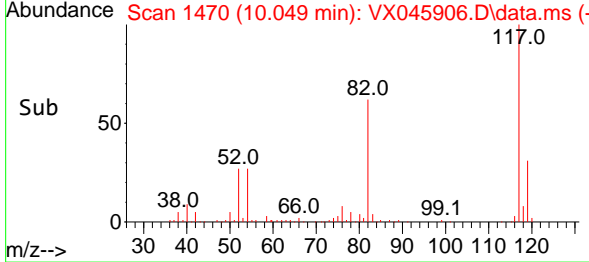
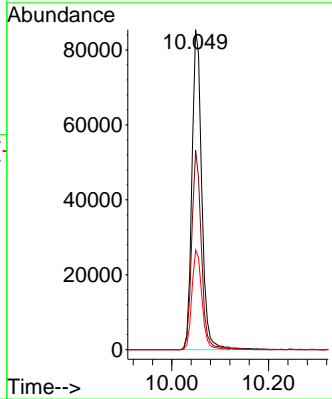
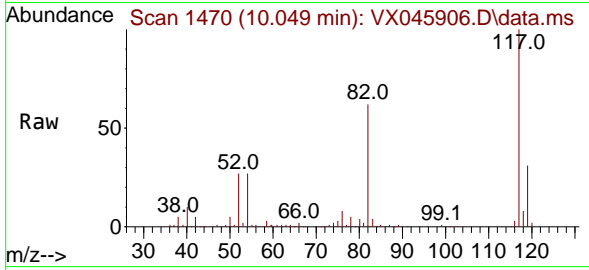


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.049 min Scan# 1470
 Delta R.T. 0.000 min
 Lab File: VX045906.D
 Acq: 23 Apr 2025 12:41

Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 120320

Ion	Ratio	Lower	Upper
117	100		
82	62.3	49.2	73.8
119	31.2	25.1	37.7



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. 0.000 min
 Lab File: VX045906.D
 Acq: 23 Apr 2025 12:41

Tgt Ion:152 Resp: 52258

Ion	Ratio	Lower	Upper
152	100		
115	64.3	46.9	140.7
150	155.9	0.0	349.4

