

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044907.D
 Acq On : 11 Feb 2025 15:38
 Operator : JC/MD
 Sample : Q1348-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-1-WC

Quant Time: Feb 12 02:43:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	97189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	197004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	179209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79313	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76982	54.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.220%
35) Dibromofluoromethane	5.379	113	64284	50.188	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.380%
50) Toluene-d8	8.647	98	239819	49.514	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.020%
62) 4-Bromofluorobenzene	11.079	95	84857	51.970	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.940%

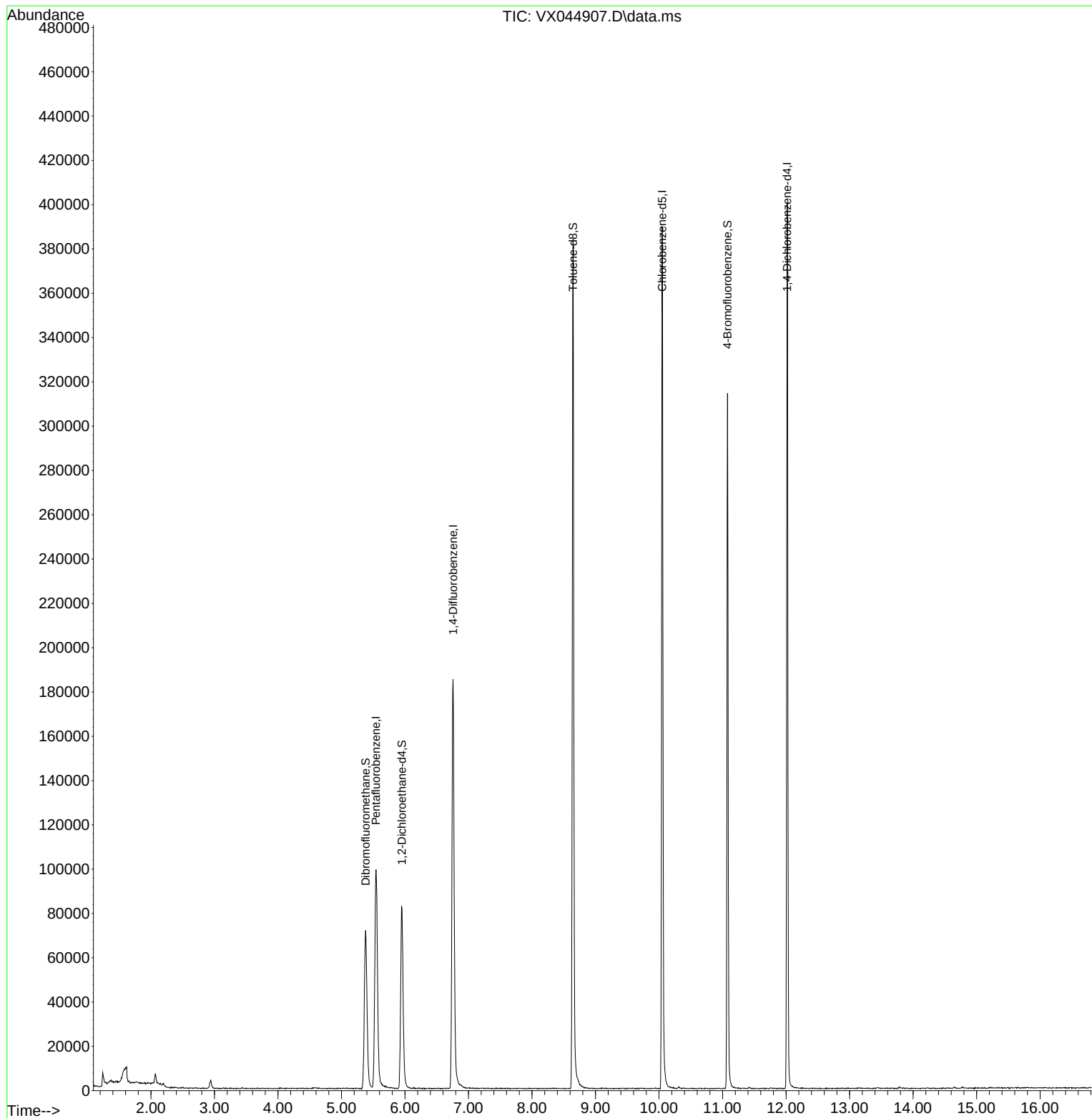
Target Compounds	Qvalue

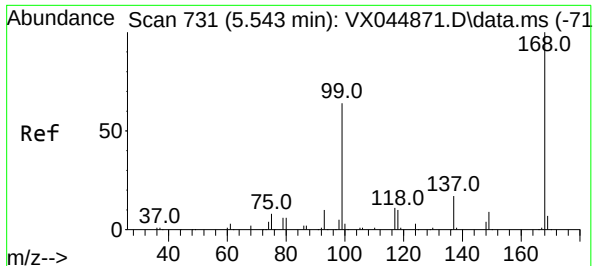
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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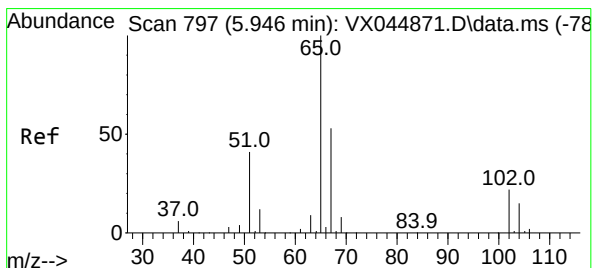
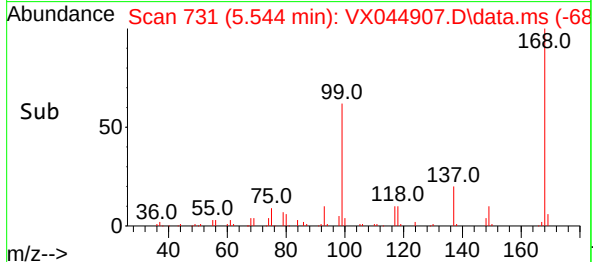
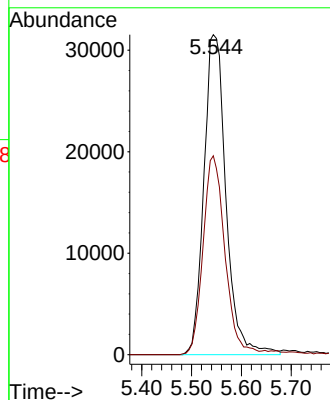
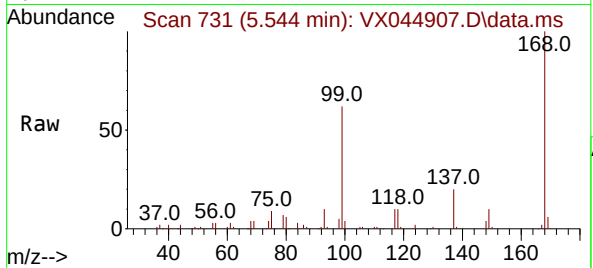




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

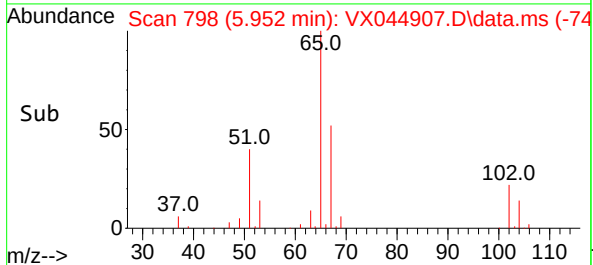
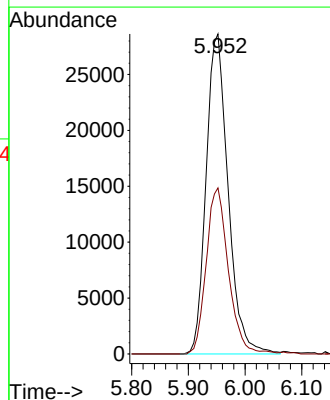
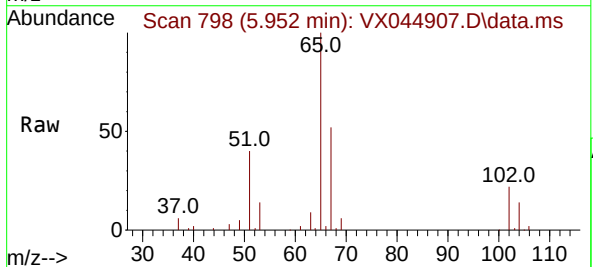
Instrument :
MSVOA_X
ClientSampleId :
TWP-1-WC

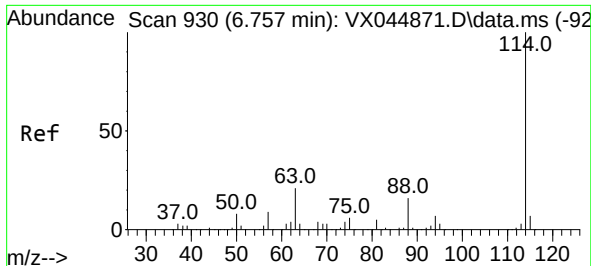
Tgt Ion:168 Resp: 97189
Ion Ratio Lower Upper
168 100
99 62.2 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 54.111 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

Tgt Ion: 65 Resp: 76982
Ion Ratio Lower Upper
65 100
67 52.4 0.0 108.2

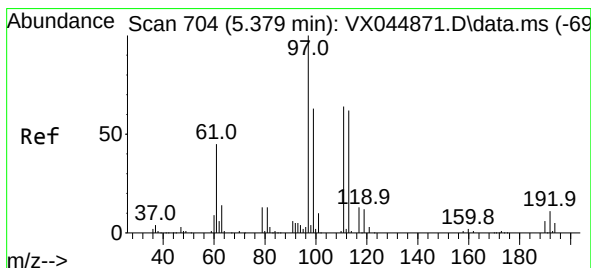
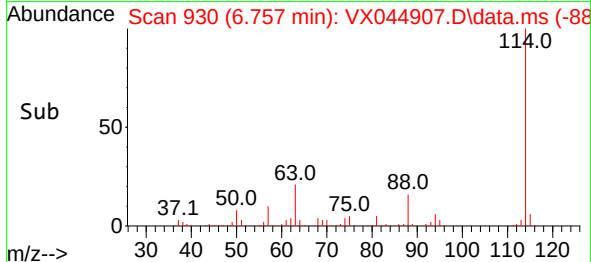
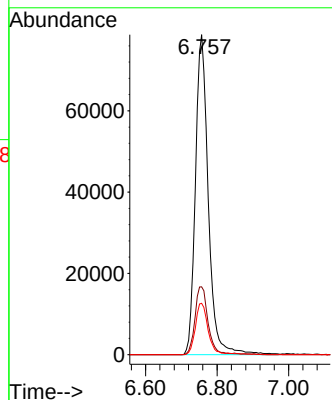
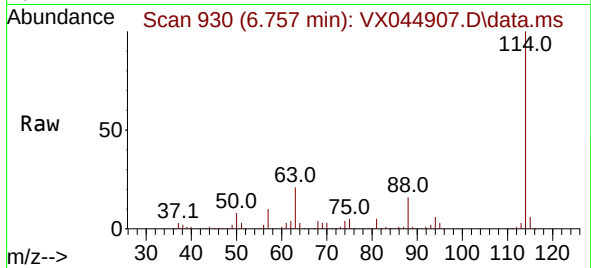




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

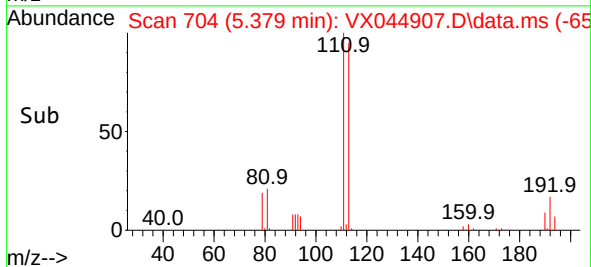
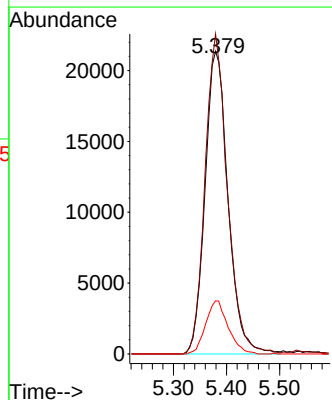
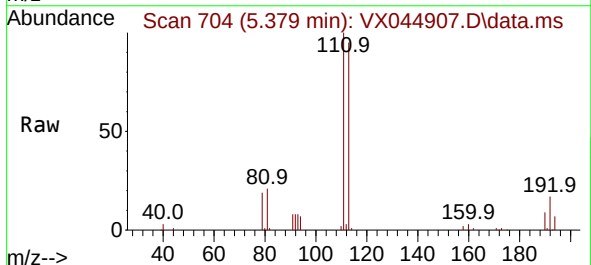
Instrument :
MSVOA_X
ClientSampleId :
TWP-1-WC

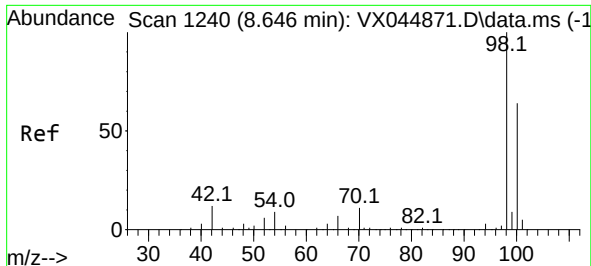
Tgt Ion:114 Resp: 197004
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.4
88 16.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.188 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

Tgt Ion:113 Resp: 64284
Ion Ratio Lower Upper
113 100
111 102.8 83.5 125.3
192 17.1 14.4 21.6

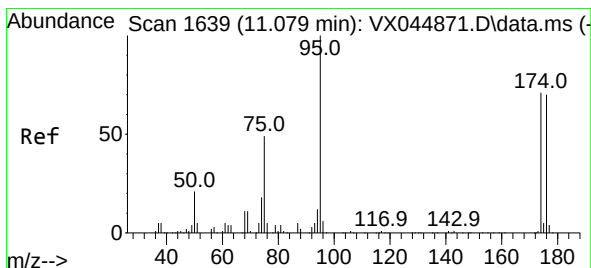
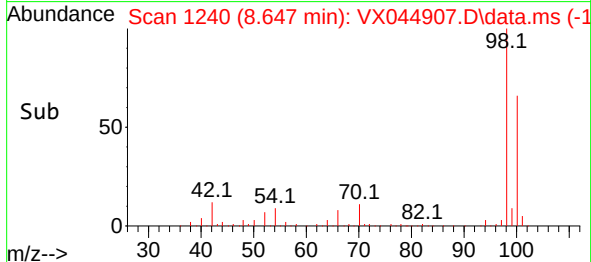
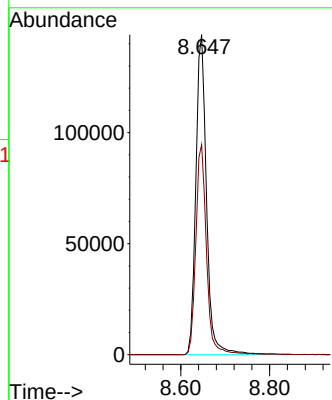
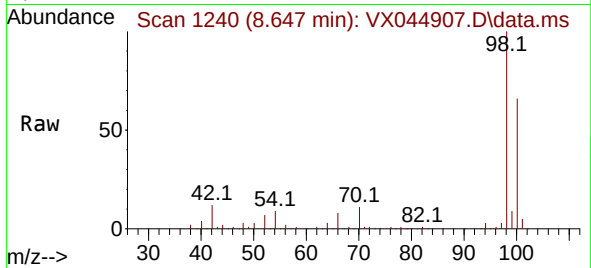




#50
Toluene-d8
Concen: 49.514 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

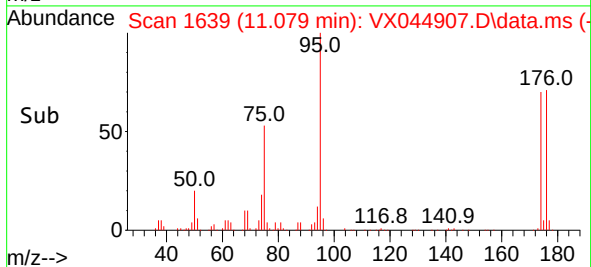
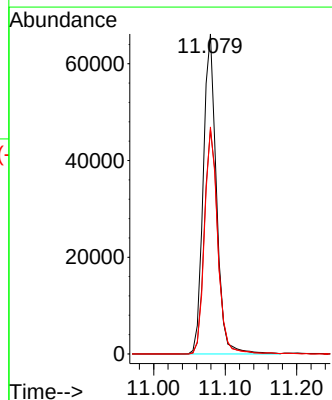
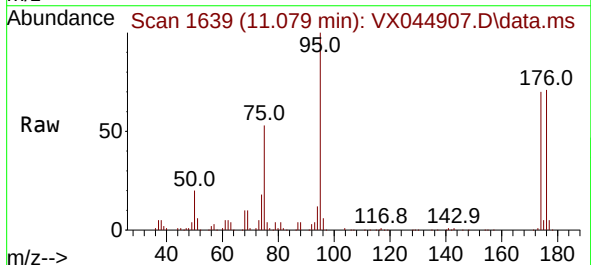
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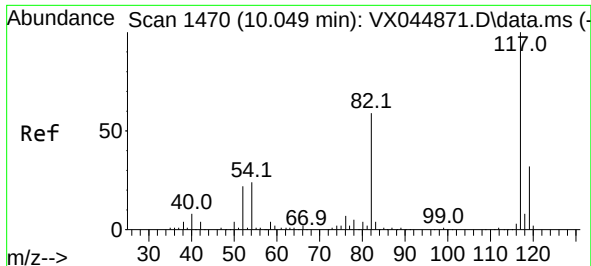
Tgt Ion: 98 Resp: 239819
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.970 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

Tgt Ion: 95 Resp: 84857
Ion Ratio Lower Upper
95 100
174 72.0 0.0 142.6
176 70.4 0.0 141.6

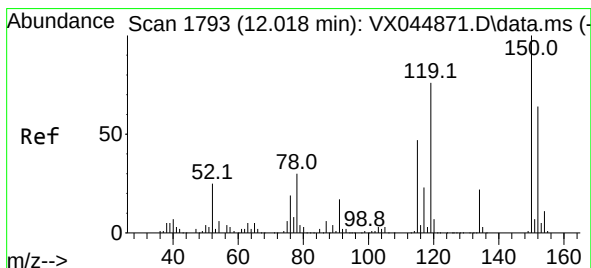
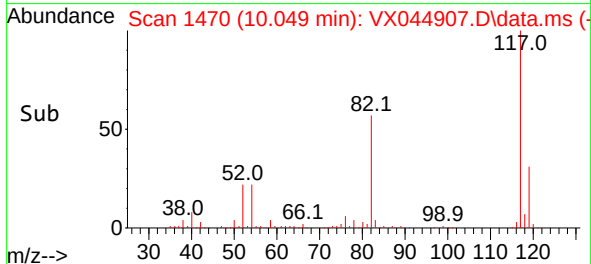
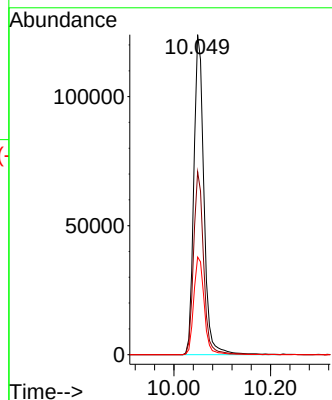
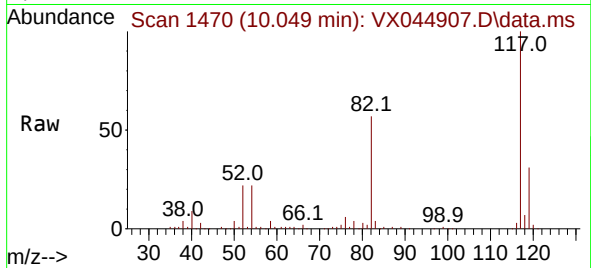




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
TWP-1-WC

Tgt Ion:117 Resp: 179209
Ion Ratio Lower Upper
117 100
82 57.1 47.5 71.3
119 30.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

Tgt Ion:152 Resp: 79313
Ion Ratio Lower Upper
152 100
115 62.4 43.4 130.1
150 157.1 0.0 350.4

