

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044922.D
 Acq On : 12 Feb 2025 10:57
 Operator : JC/MD
 Sample : VX0212WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBL01

Quant Time: Feb 13 00:47:17 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	96997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	176635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76229	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76805	54.093	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.180%
35) Dibromofluoromethane	5.379	113	64443	50.972	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.940%
50) Toluene-d8	8.647	98	239094	50.011	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.020%
62) 4-Bromofluorobenzene	11.079	95	82286	51.055	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.120%

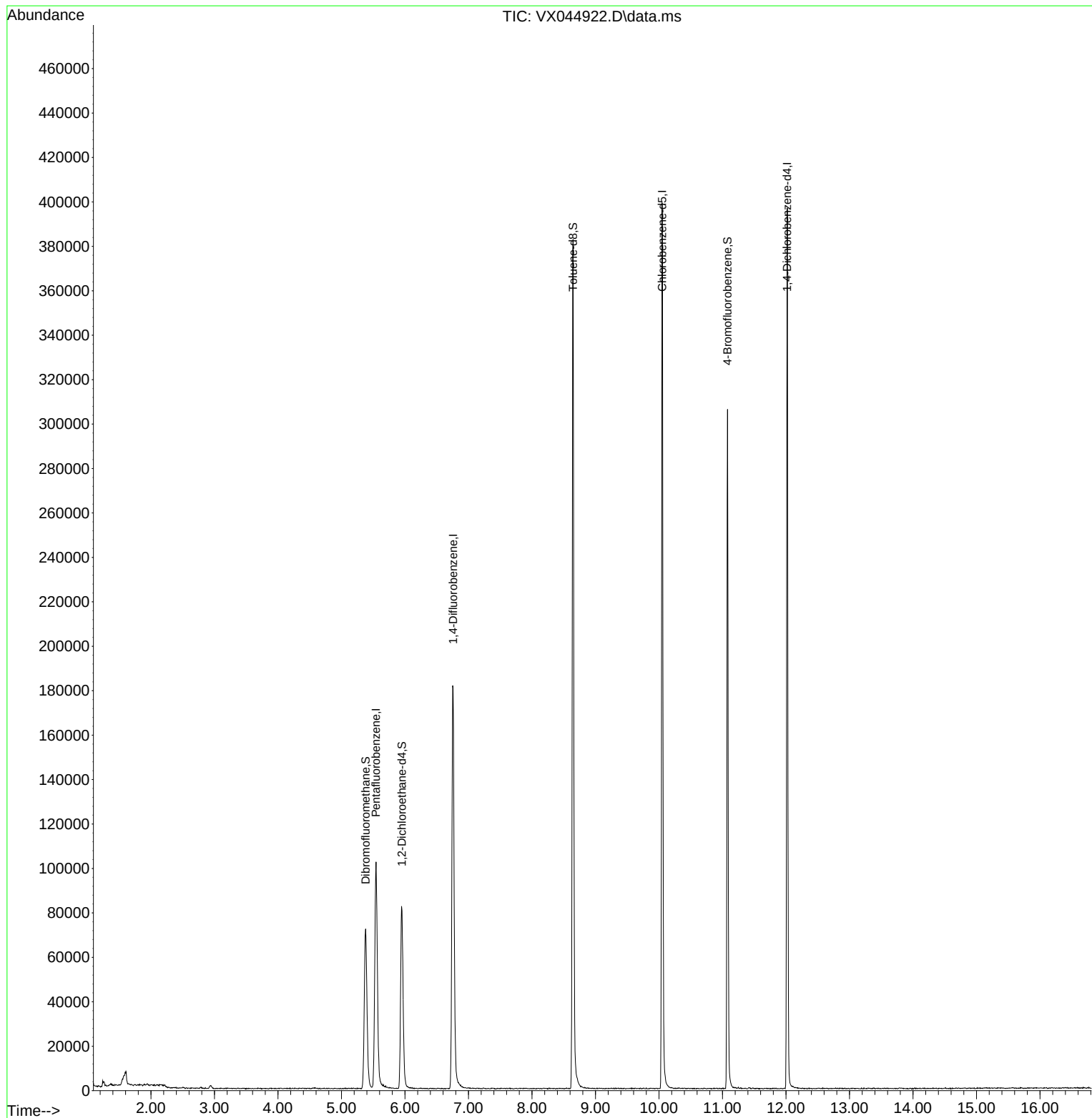
Target Compounds	Qvalue

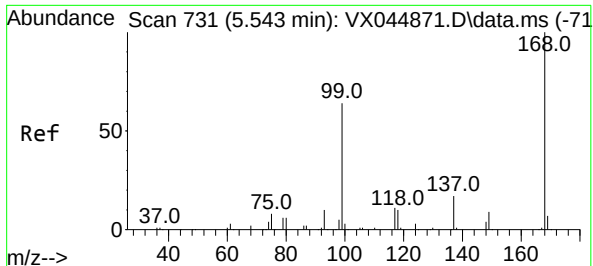
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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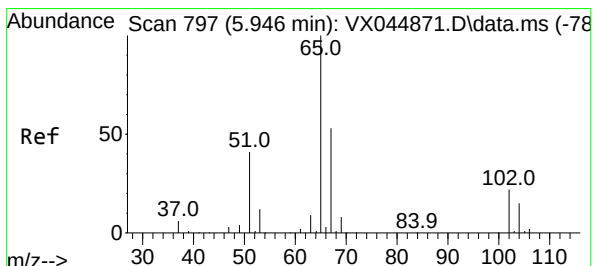
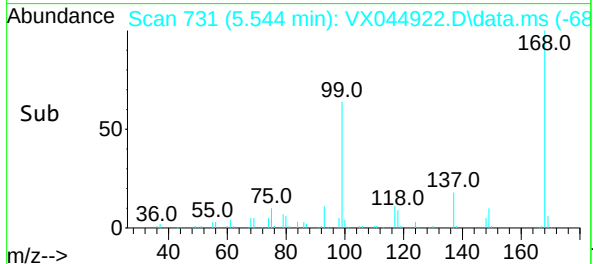
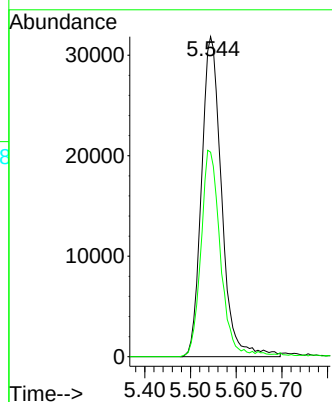
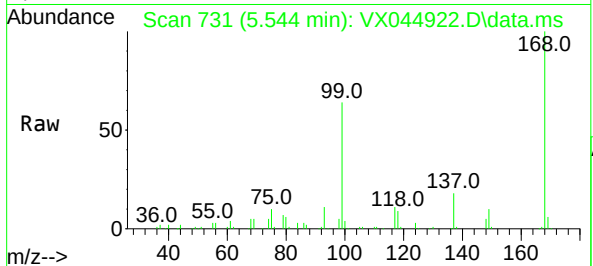




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

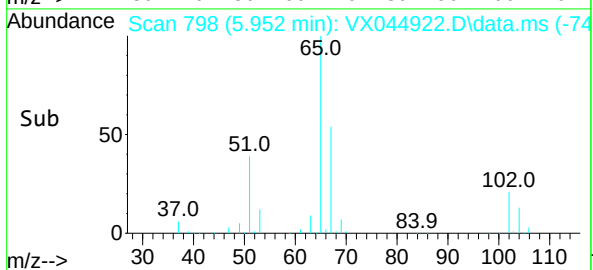
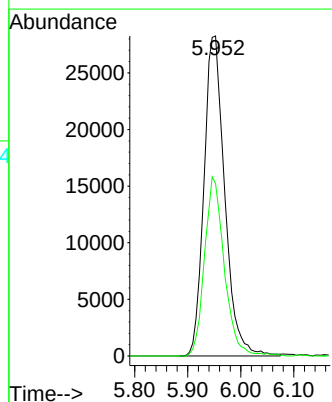
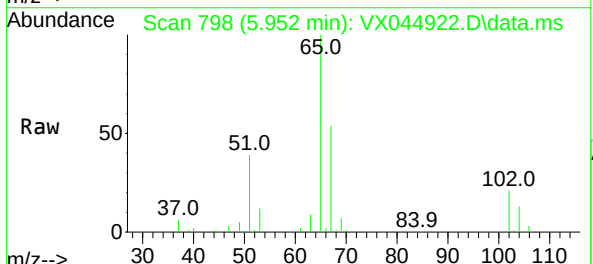
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

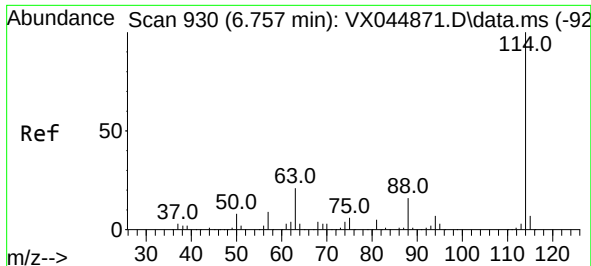
Tgt Ion:168 Resp: 96997
Ion Ratio Lower Upper
168 100
99 63.9 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 54.093 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.007 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion: 65 Resp: 76805
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.2

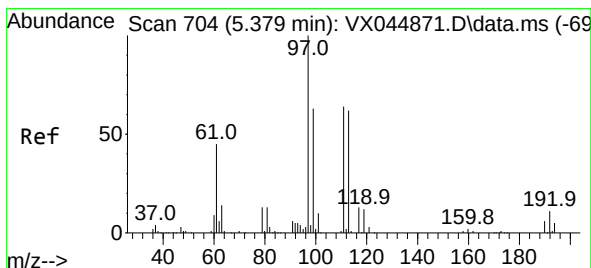
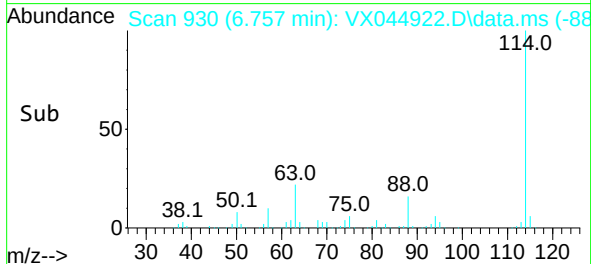
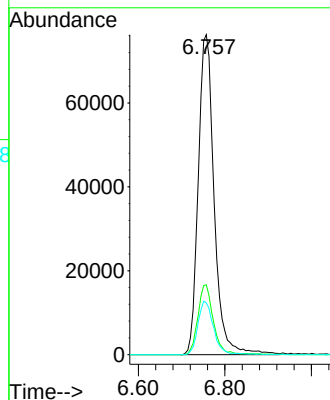
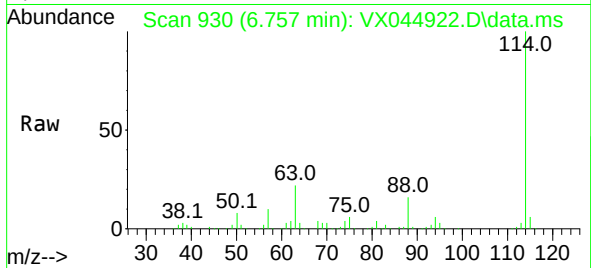




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX044922.D
 Acq: 12 Feb 2025 10:57

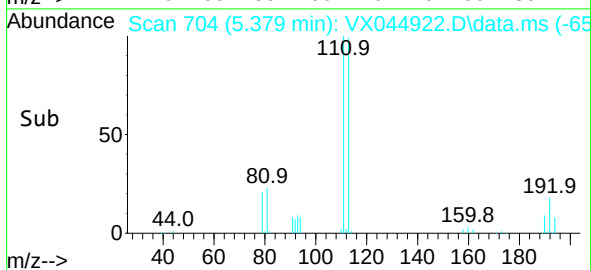
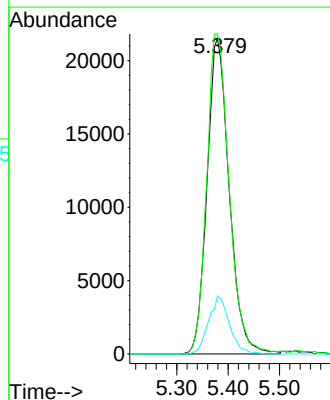
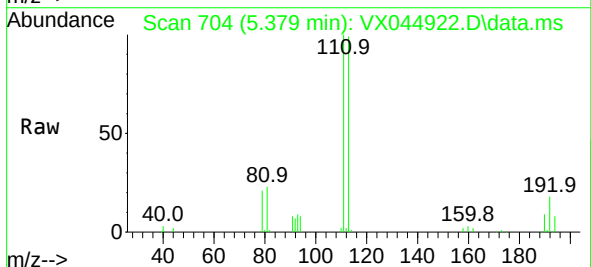
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBL01

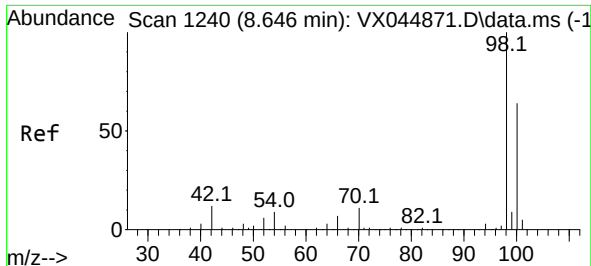
Tgt Ion:114 Resp: 194457
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 16.2 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 50.972 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX044922.D
 Acq: 12 Feb 2025 10:57

Tgt Ion:113 Resp: 64443
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.5 125.3
 192 17.2 14.4 21.6

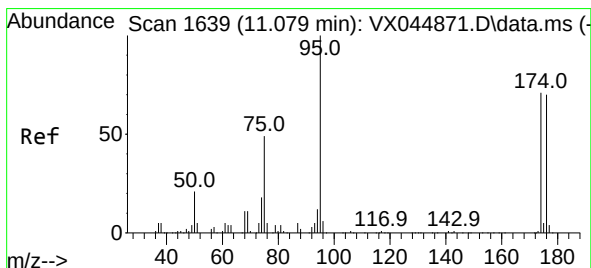
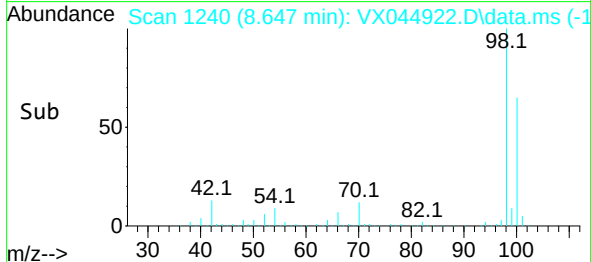
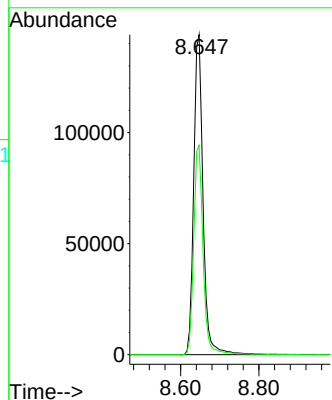
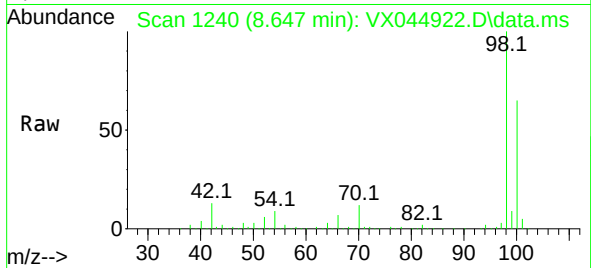




#50
Toluene-d8
Concen: 50.011 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

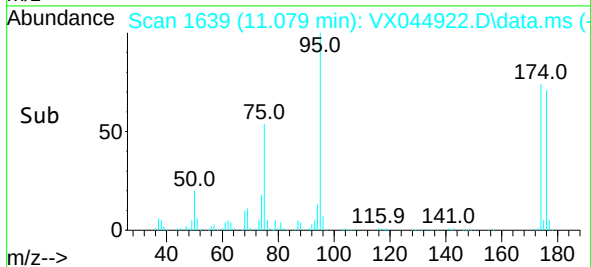
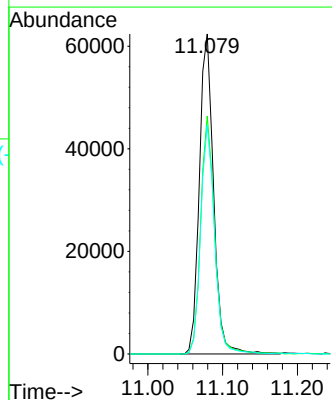
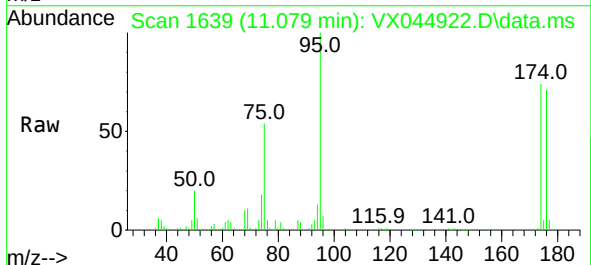
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

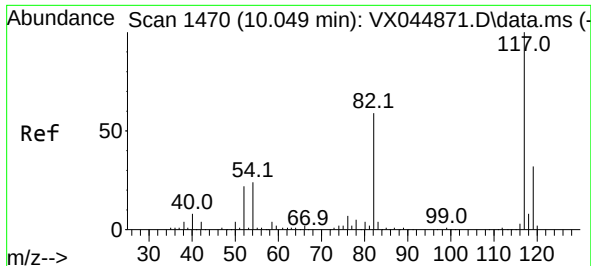
Tgt Ion: 98 Resp: 239094
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.055 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion: 95 Resp: 82286
Ion Ratio Lower Upper
95 100
174 72.9 0.0 142.6
176 70.1 0.0 141.6

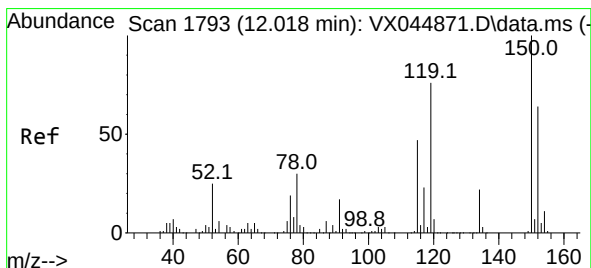
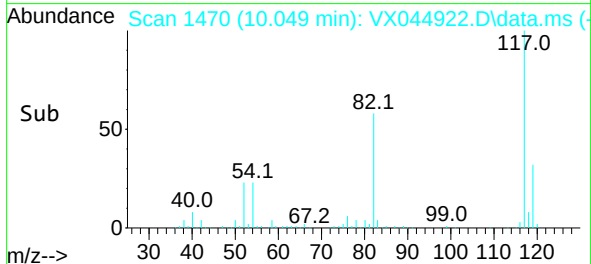
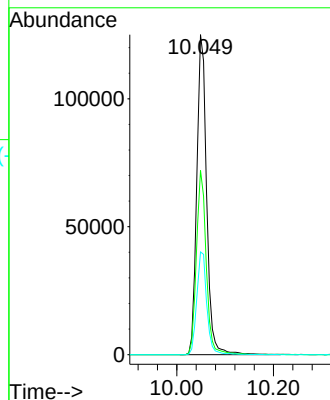
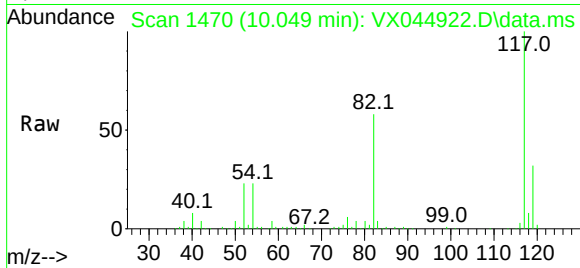




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Tgt Ion:117 Resp: 176635
Ion Ratio Lower Upper
117 100
82 57.6 47.5 71.3
119 32.1 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: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion:152 Resp: 76229
Ion Ratio Lower Upper
152 100
115 62.3 43.4 130.1
150 161.5 0.0 350.4

