

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044817.D
 Acq On : 03 Feb 2025 16:08
 Operator : JC/MD
 Sample : Q1239-10
 Misc : 5.10g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 357

Quant Time: Feb 03 16:34:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	99358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	201665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73707	49.147	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.300%
35) Dibromofluoromethane	5.379	113	64209	50.118	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.240%
50) Toluene-d8	8.647	98	244791	54.799	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.600%
62) 4-Bromofluorobenzene	11.079	95	85345	51.249	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.500%

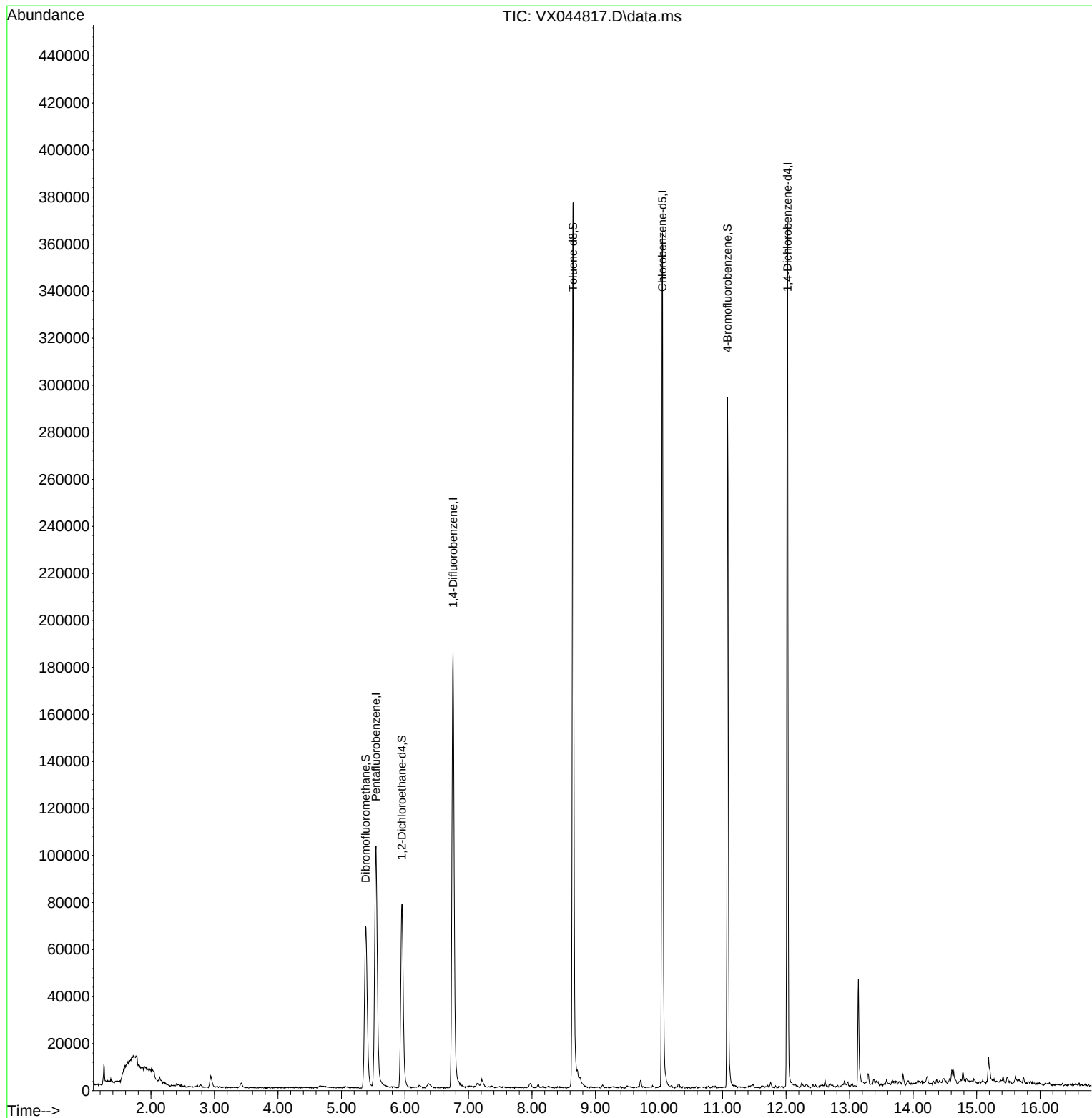
Target Compounds	Qvalue

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

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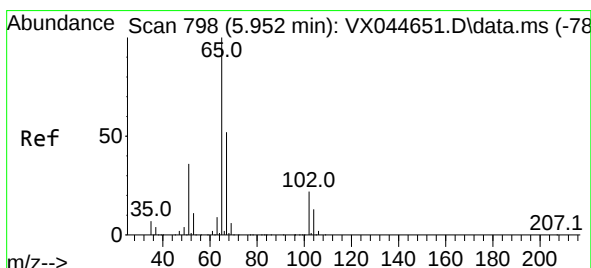
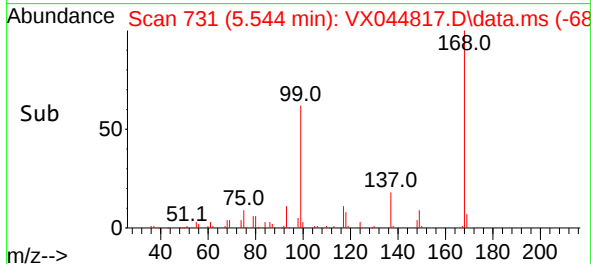
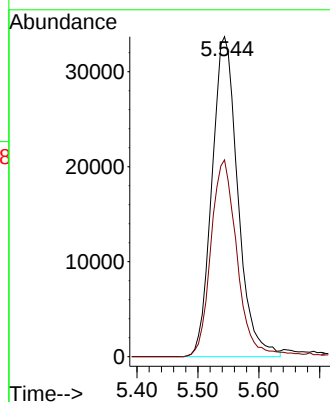
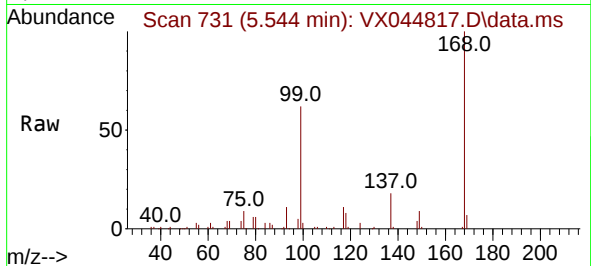




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044817.D
Acq: 03 Feb 2025 16:08

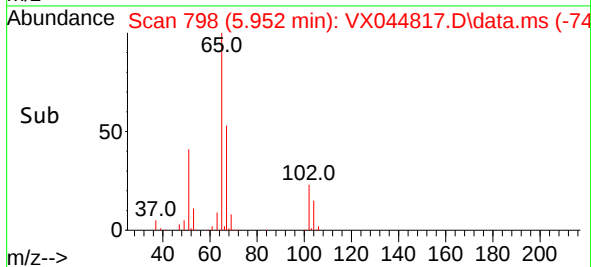
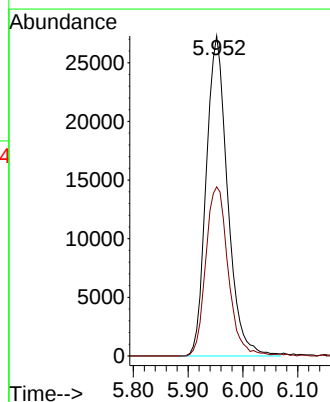
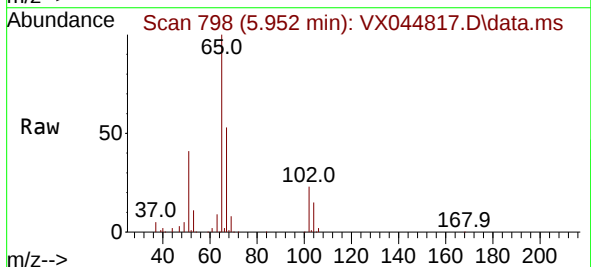
Instrument :
MSVOA_X
ClientSampleId :
357

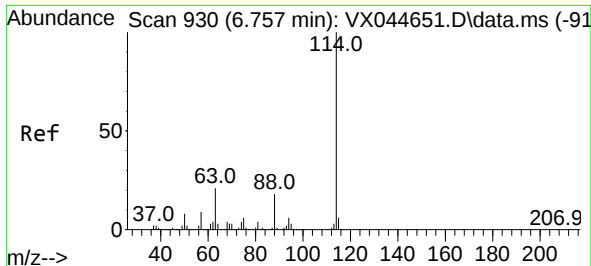
Tgt Ion:168 Resp: 99358
Ion Ratio Lower Upper
168 100
99 61.5 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 49.147 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044817.D
Acq: 03 Feb 2025 16:08

Tgt Ion: 65 Resp: 73707
Ion Ratio Lower Upper
65 100
67 55.4 0.0 103.4

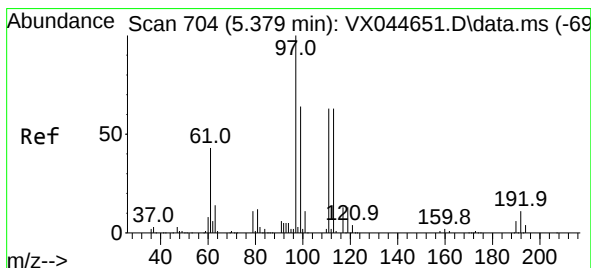
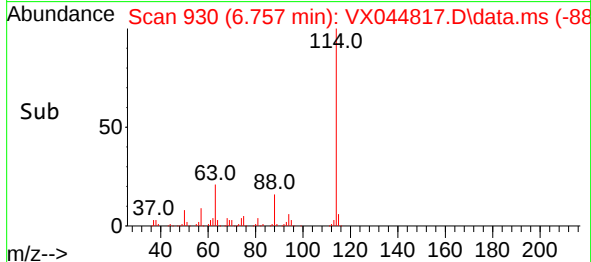
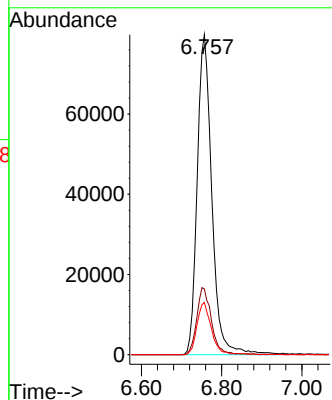
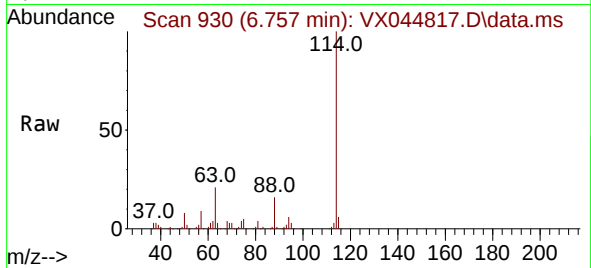




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044817.D
Acq: 03 Feb 2025 16:08

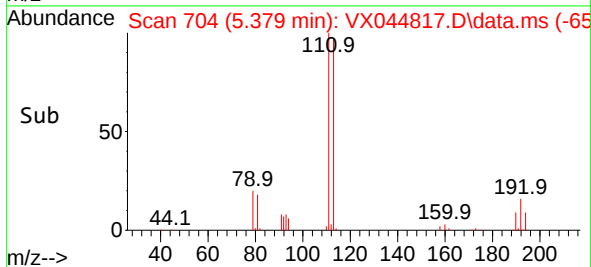
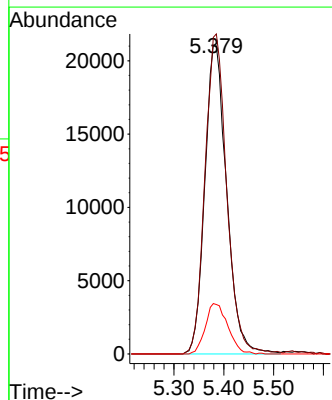
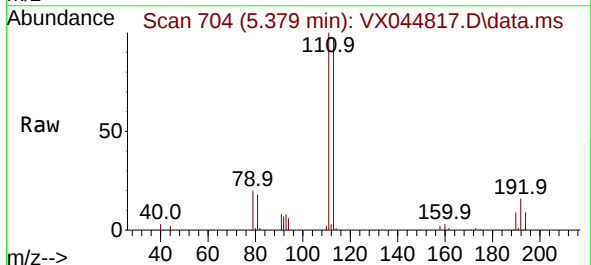
Instrument :
MSVOA_X
ClientSampleId :
357

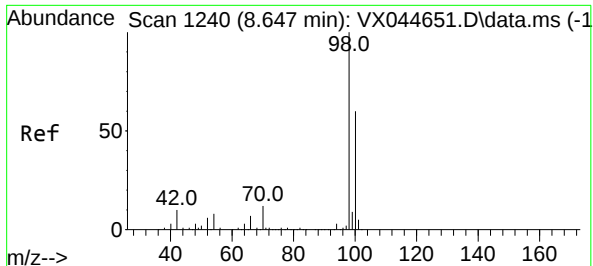
Tgt Ion:114 Resp: 201665
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.0
88 16.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.118 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044817.D
Acq: 03 Feb 2025 16:08

Tgt Ion:113 Resp: 64209
Ion Ratio Lower Upper
113 100
111 102.9 81.6 122.4
192 16.7 14.4 21.6

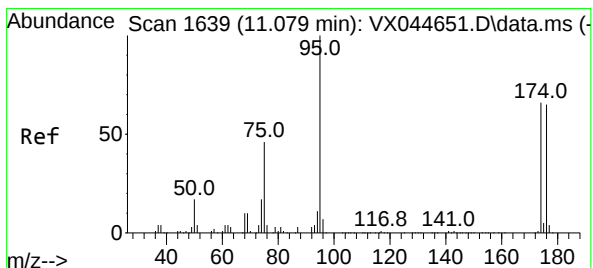
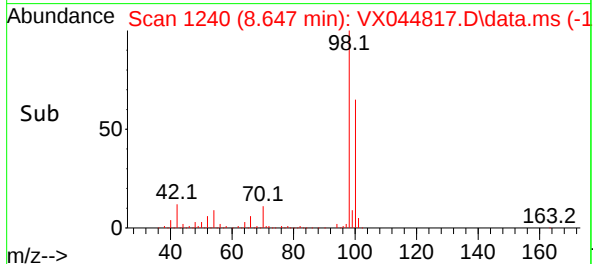
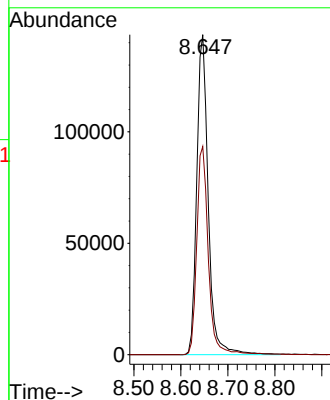
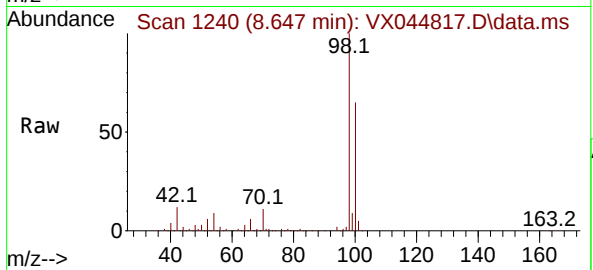




#50
Toluene-d8
Concen: 54.799 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044817.D
Acq: 03 Feb 2025 16:08

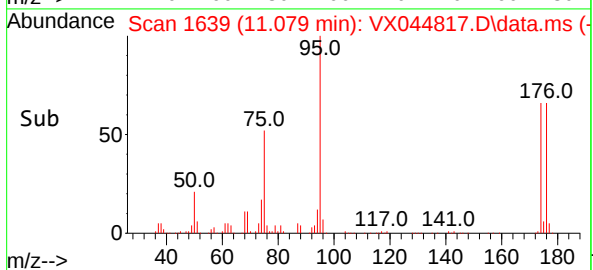
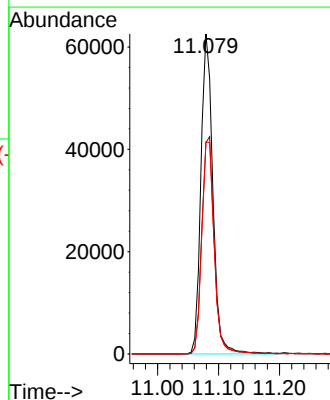
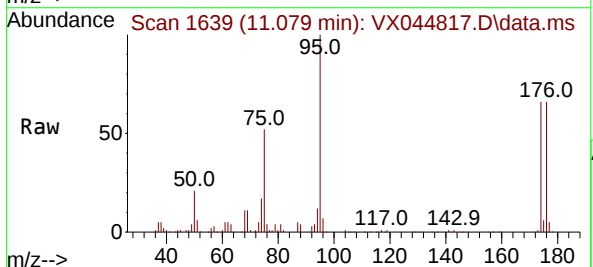
Instrument :
MSVOA_X
ClientSampleId :
357

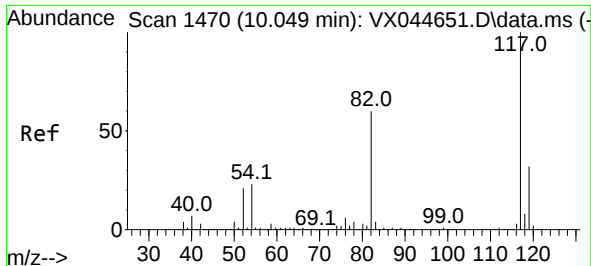
Tgt Ion: 98 Resp: 244791
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 51.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044817.D
Acq: 03 Feb 2025 16:08

Tgt Ion: 95 Resp: 85345
Ion Ratio Lower Upper
95 100
174 70.1 0.0 133.0
176 69.0 0.0 129.4

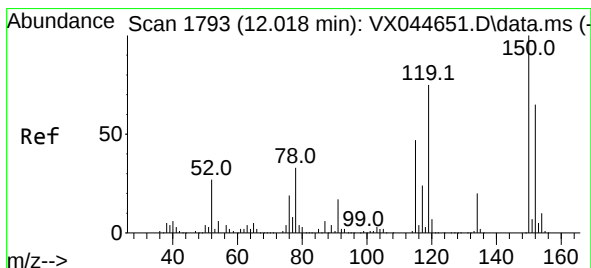
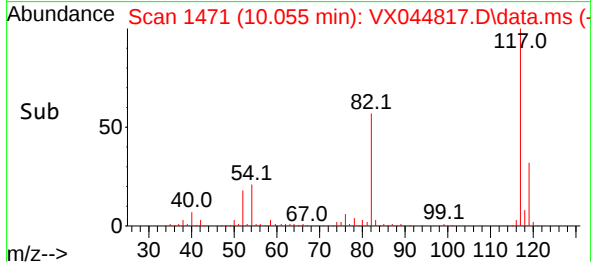
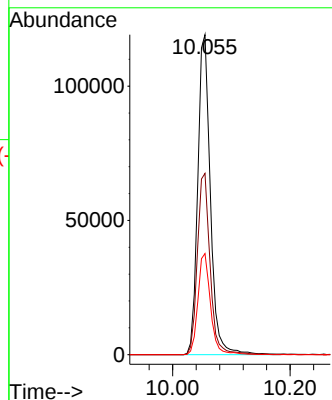
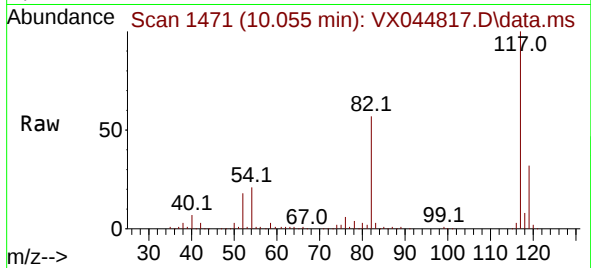




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044817.D
Acq: 03 Feb 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
357

Tgt Ion:117 Resp: 178046
Ion Ratio Lower Upper
117 100
82 56.6 47.6 71.4
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044817.D
Acq: 03 Feb 2025 16:08

Tgt Ion:152 Resp: 76949
Ion Ratio Lower Upper
152 100
115 62.6 43.8 131.4
150 160.0 0.0 347.8

