

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045818.D
 Acq On : 17 Apr 2025 11:12
 Operator : JC/MD
 Sample : VX0417MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBL01

Quant Time: Apr 18 03:35:14 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	62579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124095	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51364	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	62613	54.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.420%
35) Dibromofluoromethane	5.379	113	45058	51.176	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.360%
50) Toluene-d8	8.647	98	155013	50.441	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.880%
62) 4-Bromofluorobenzene	11.079	95	60827	54.339	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.680%

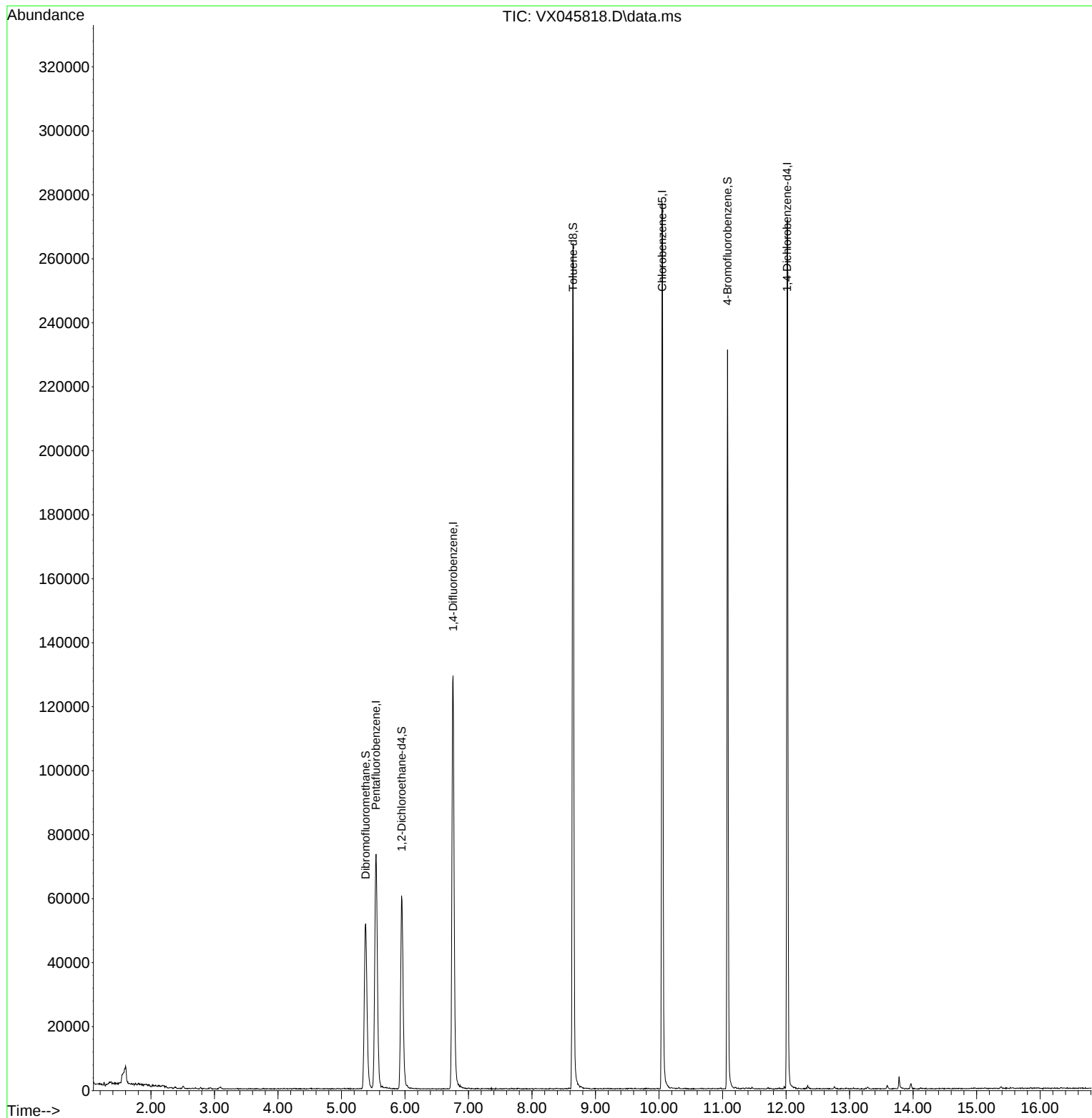
Target Compounds	Qvalue

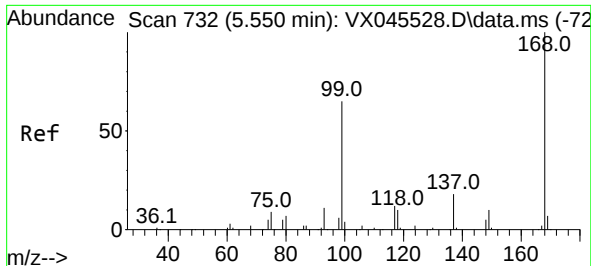
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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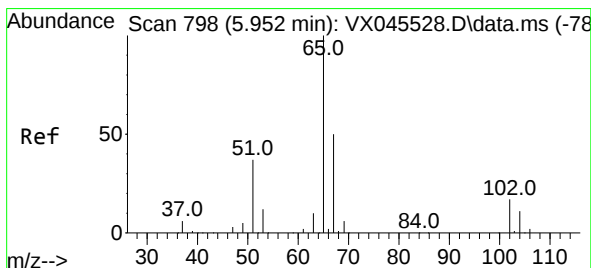
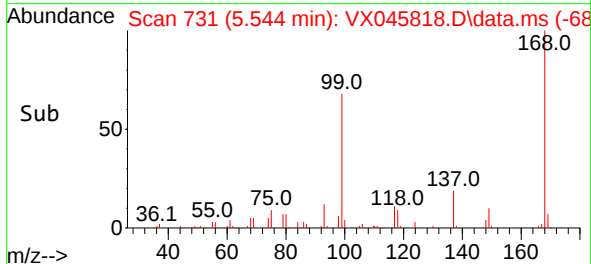
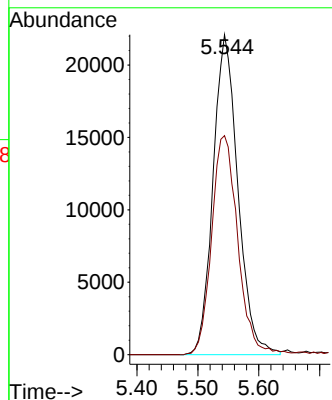
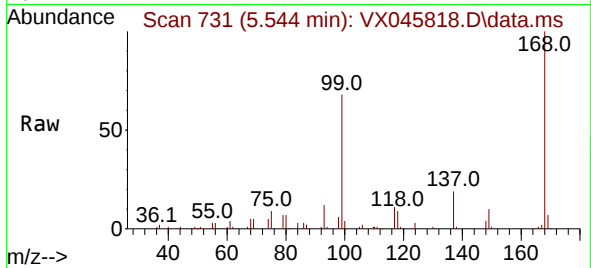




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045818.D
Acq: 17 Apr 2025 11:12

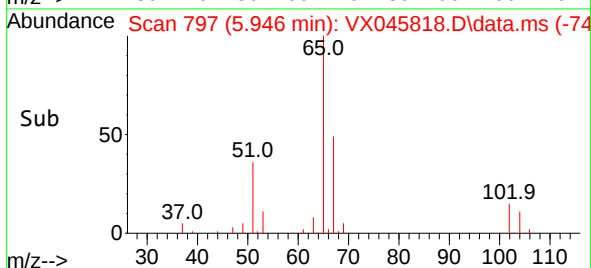
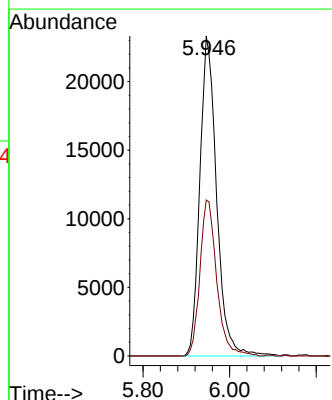
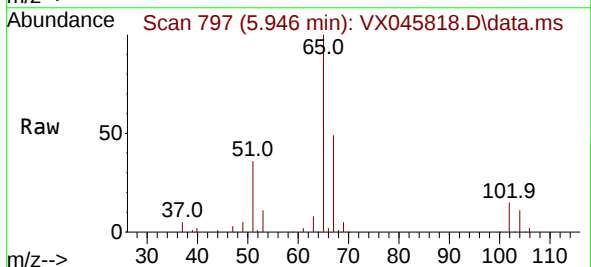
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

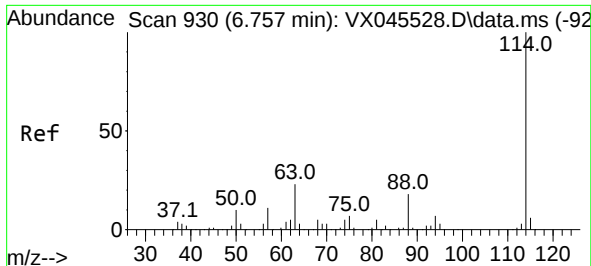
Tgt Ion:168 Resp: 62579
Ion Ratio Lower Upper
168 100
99 68.4 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 54.712 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045818.D
Acq: 17 Apr 2025 11:12

Tgt Ion: 65 Resp: 62613
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

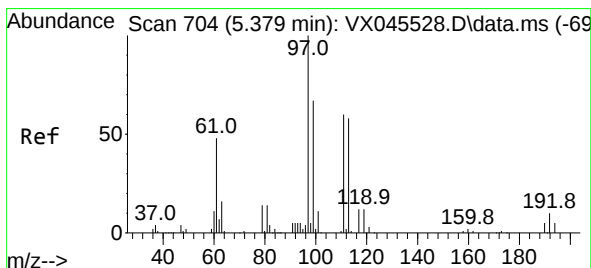
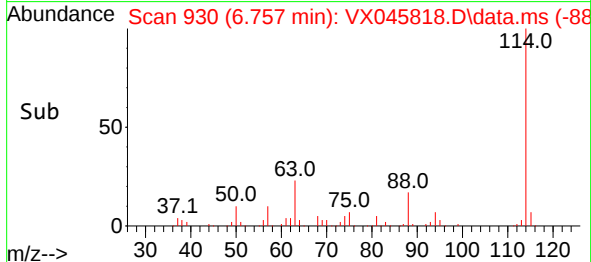
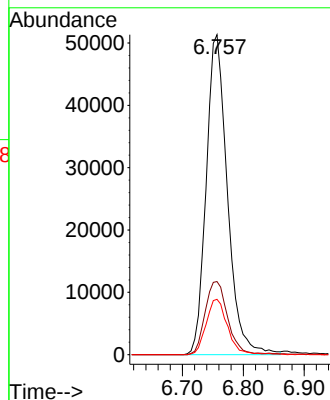
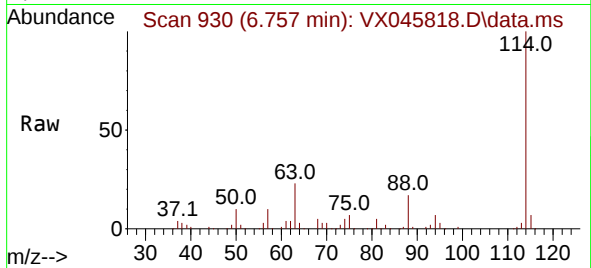




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045818.D
Acq: 17 Apr 2025 11:12

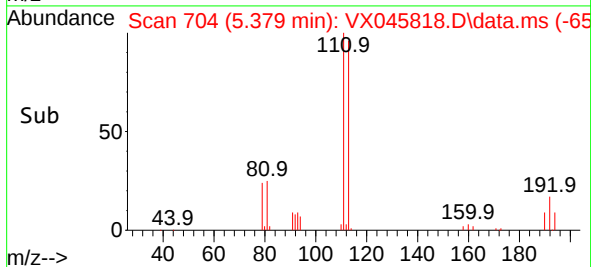
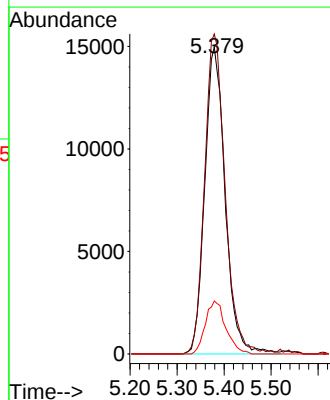
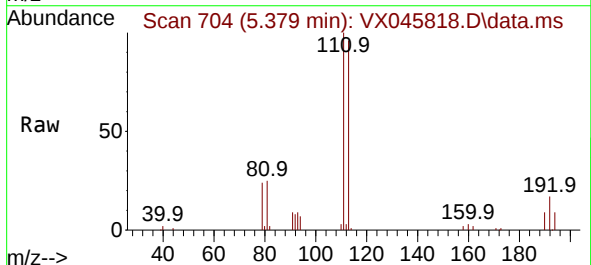
Instrument :
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ClientSampleId :
VX0417MBL01

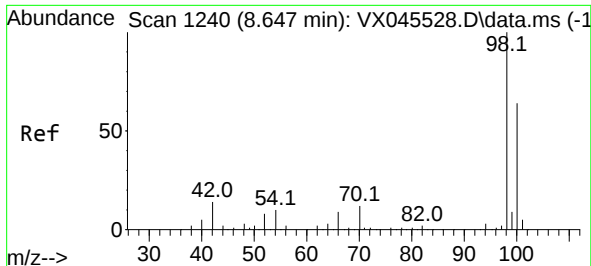
Tgt Ion:114 Resp: 124095
Ion Ratio Lower Upper
114 100
63 22.8 0.0 46.8
88 17.3 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.176 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045818.D
Acq: 17 Apr 2025 11:12

Tgt Ion:113 Resp: 45058
Ion Ratio Lower Upper
113 100
111 105.1 81.8 122.6
192 17.3 13.8 20.6

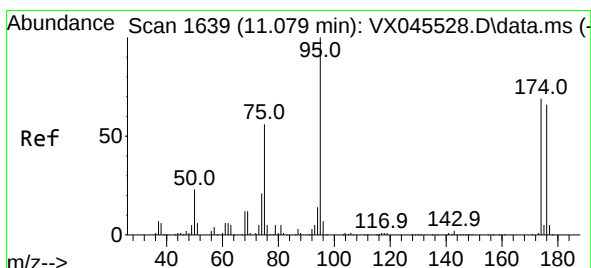
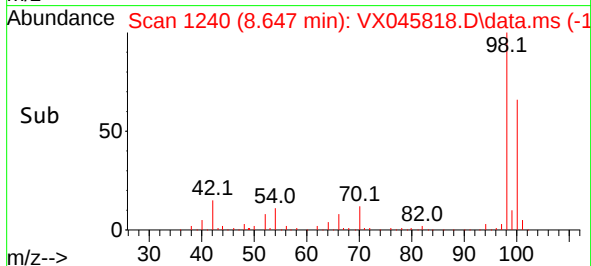
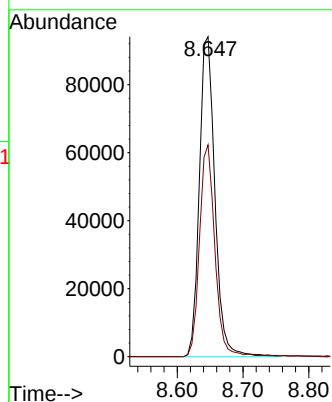
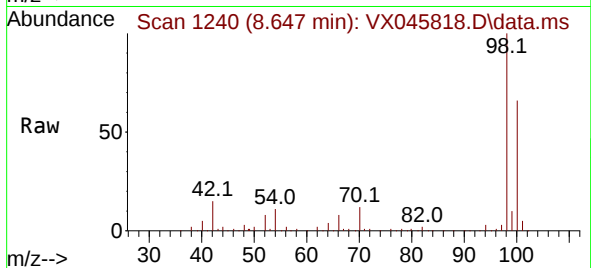




#50
Toluene-d8
Concen: 50.441 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045818.D
Acq: 17 Apr 2025 11:12

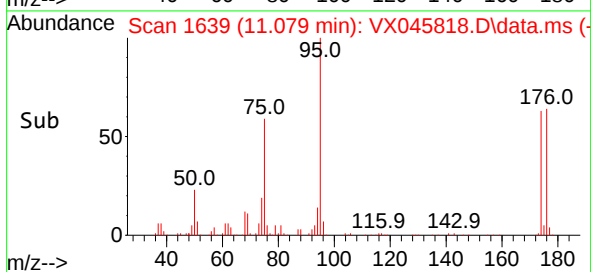
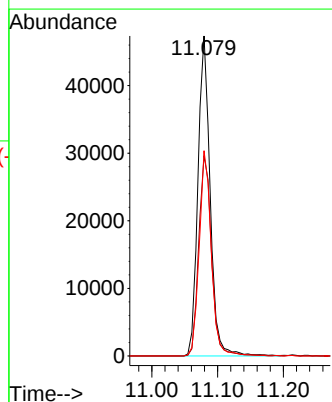
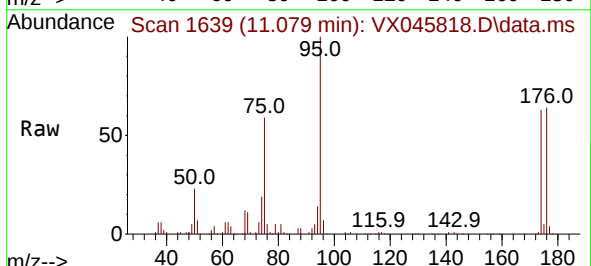
Instrument :
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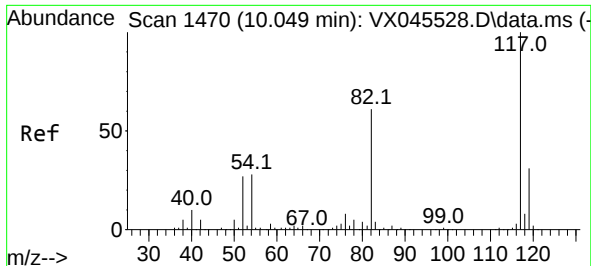
Tgt Ion: 98 Resp: 155013
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.339 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045818.D
Acq: 17 Apr 2025 11:12

Tgt Ion: 95 Resp: 60827
Ion Ratio Lower Upper
95 100
174 65.7 0.0 135.8
176 63.6 0.0 131.4

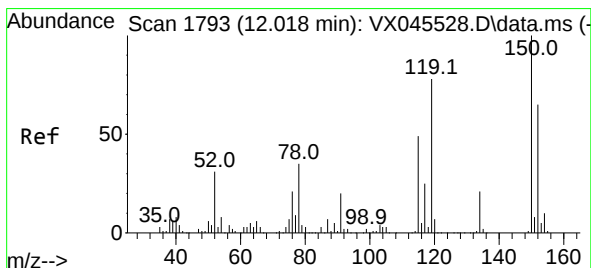
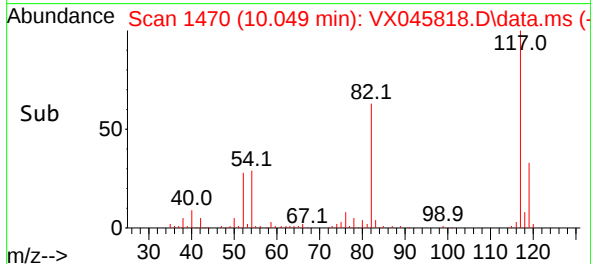
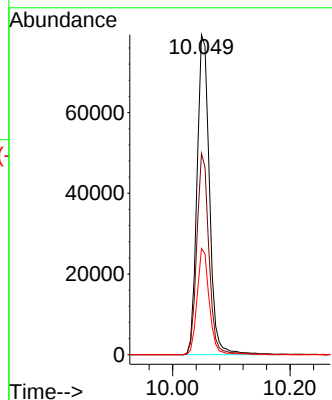
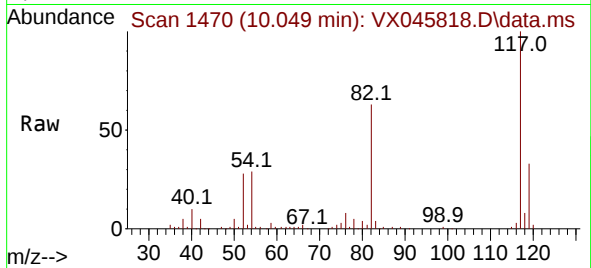




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045818.D
Acq: 17 Apr 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

Tgt Ion:117 Resp: 116448
Ion Ratio Lower Upper
117 100
82 62.9 49.2 73.8
119 33.2 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: VX045818.D
Acq: 17 Apr 2025 11:12

Tgt Ion:152 Resp: 51364
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 157.4 0.0 349.4

