

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045798.D
 Acq On : 16 Apr 2025 11:24
 Operator : JC/MD
 Sample : VX0416MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416MBL01

Quant Time: Apr 17 01:35:11 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	5.537	168	66309	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	132928	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52269	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	65486	54.004	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.000%
35) Dibromofluoromethane	5.373	113	47459	50.321	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.640%
50) Toluene-d8	8.641	98	164131	49.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.720%
62) 4-Bromofluorobenzene	11.079	95	62894	52.452	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.900%

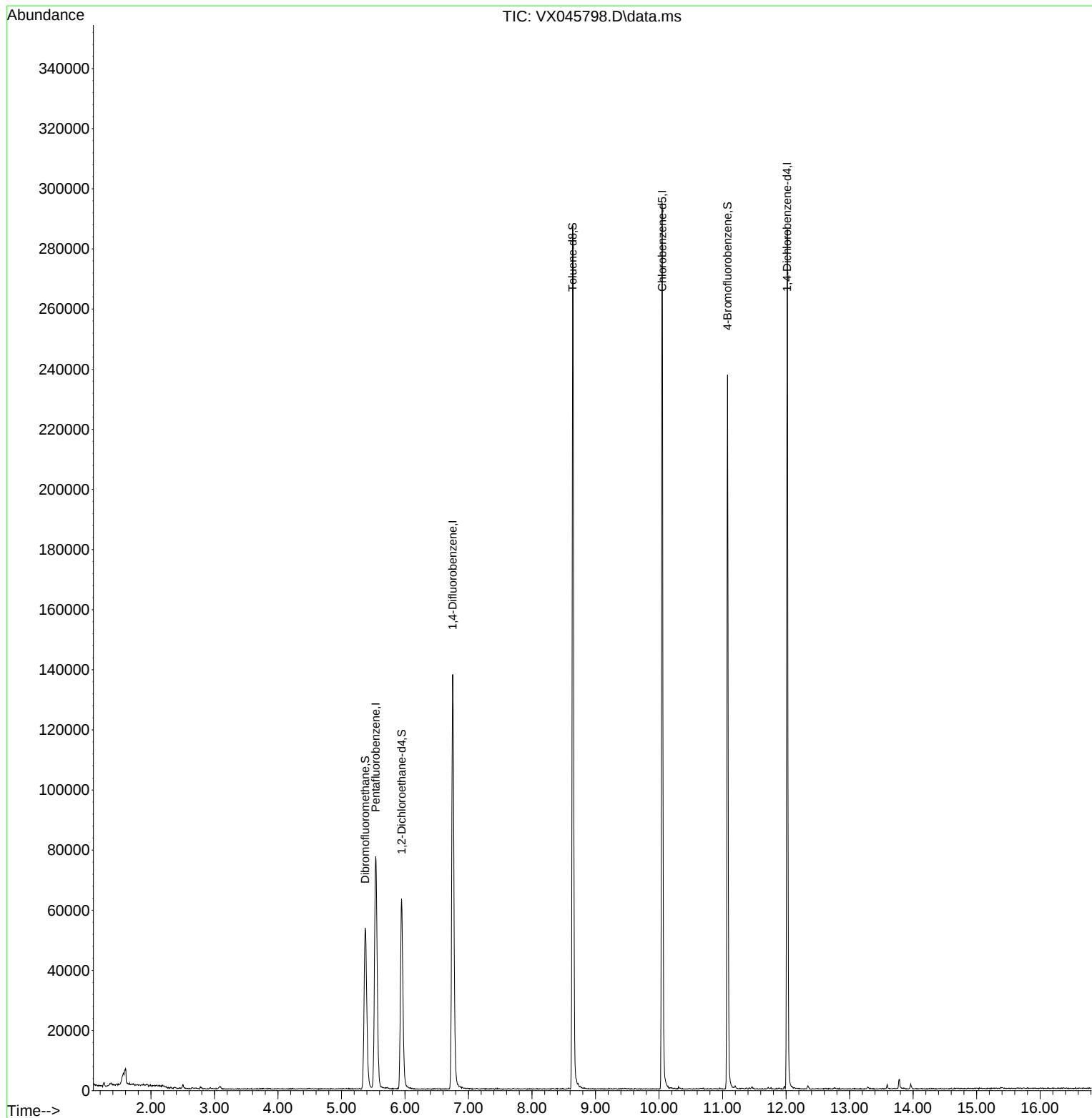
Target Compounds	Qvalue

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

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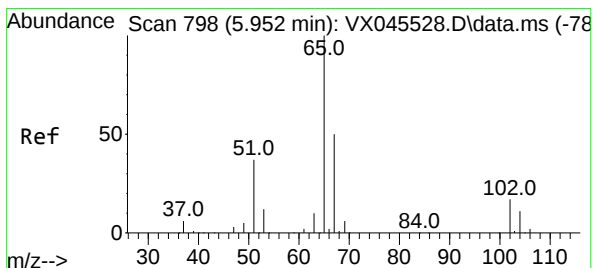
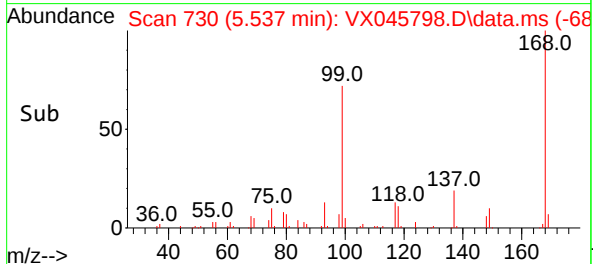
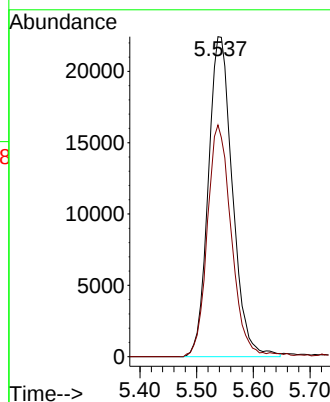
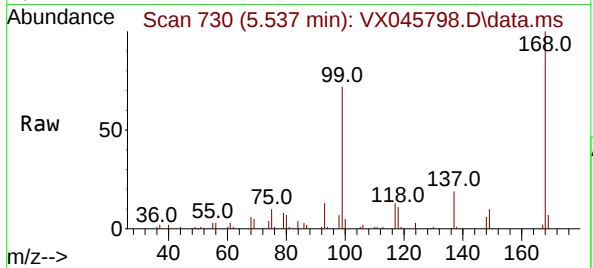




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 710
Delta R.T. -0.013 min
Lab File: VX045798.D
Acq: 16 Apr 2025 11:24

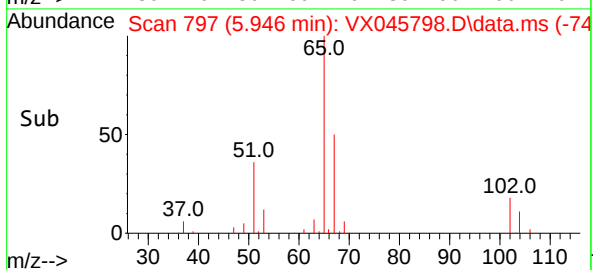
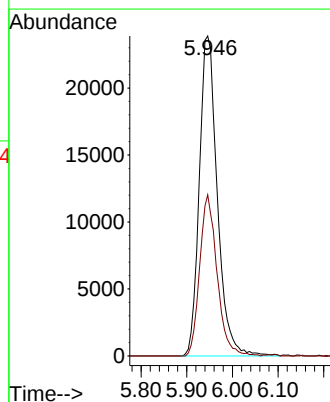
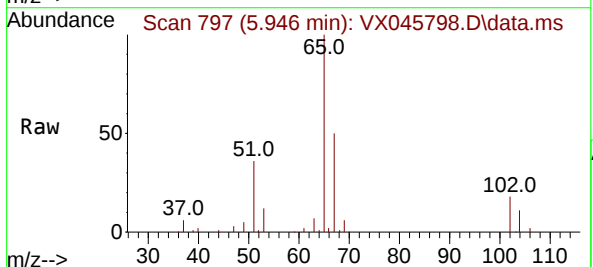
Instrument :
MSVOA_X
ClientSampleId :
VX0416MBL01

Tgt Ion:168 Resp: 66309
Ion Ratio Lower Upper
168 100
99 72.4 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 54.004 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045798.D
Acq: 16 Apr 2025 11:24

Tgt Ion: 65 Resp: 65486
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.0

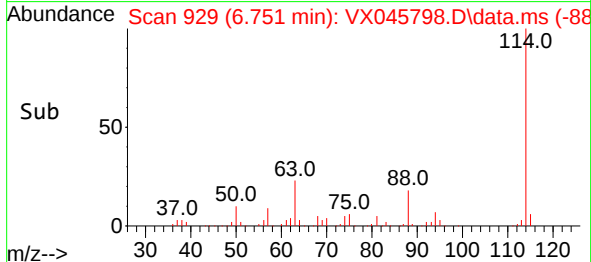
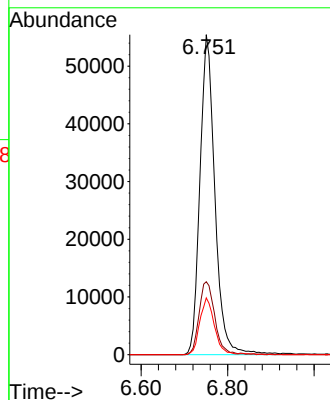
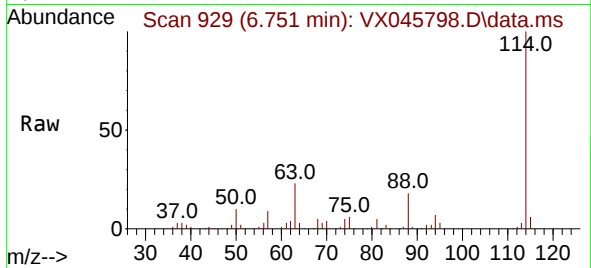




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX045798.D
Acq: 16 Apr 2025 11:24

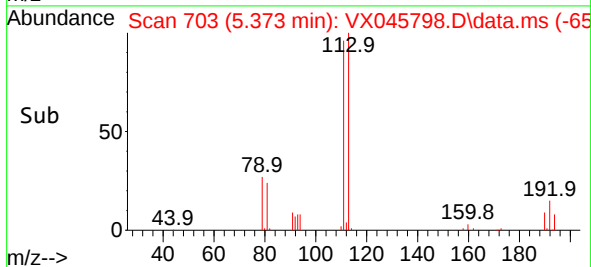
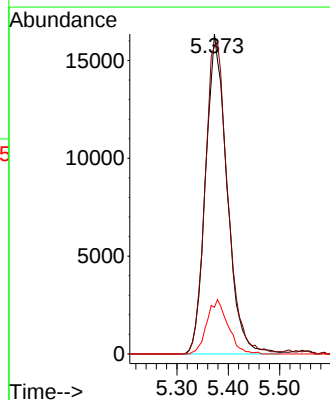
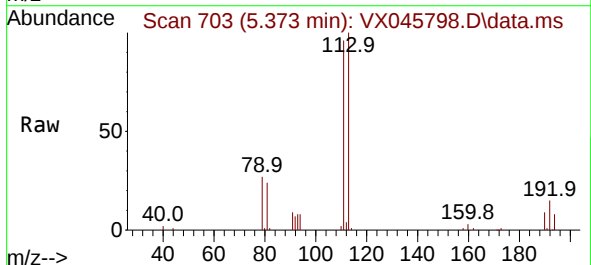
Instrument :
MSVOA_X
ClientSampleId :
VX0416MBL01

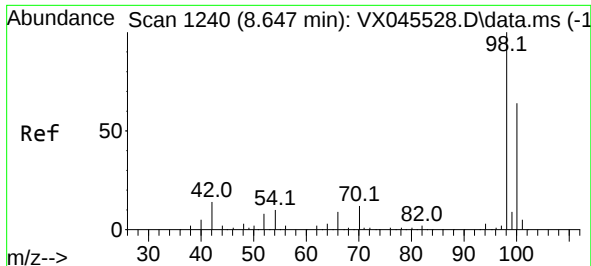
Tgt Ion:114 Resp: 132928
Ion Ratio Lower Upper
114 100
63 22.8 0.0 46.8
88 17.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.321 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045798.D
Acq: 16 Apr 2025 11:24

Tgt Ion:113 Resp: 47459
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 16.8 13.8 20.6

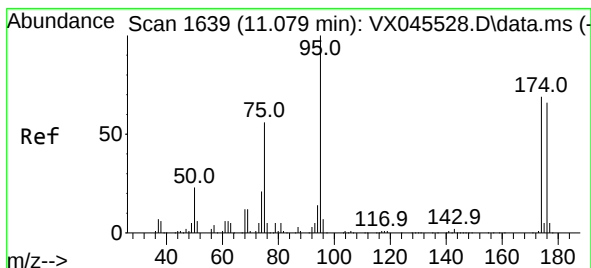
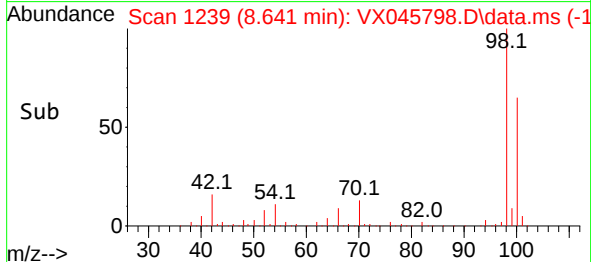
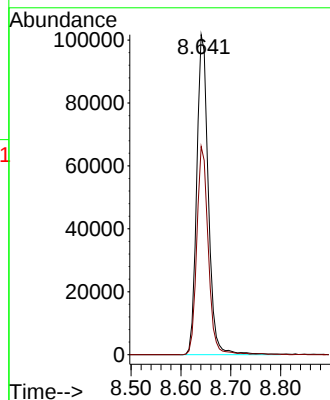
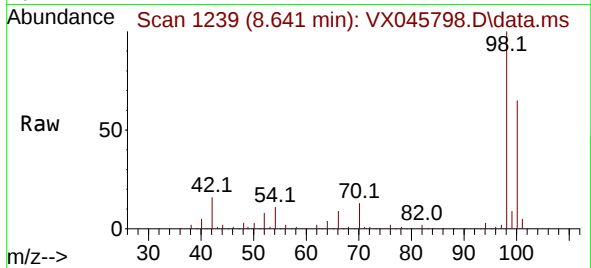




#50
Toluene-d8
Concen: 49.859 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045798.D
Acq: 16 Apr 2025 11:24

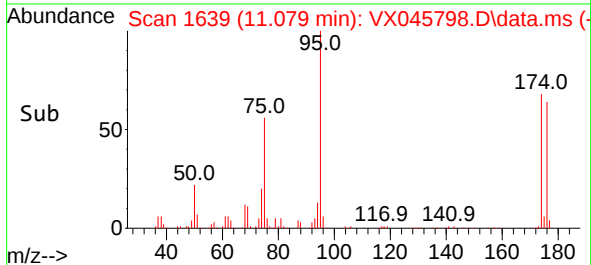
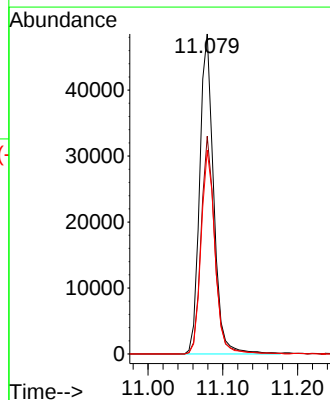
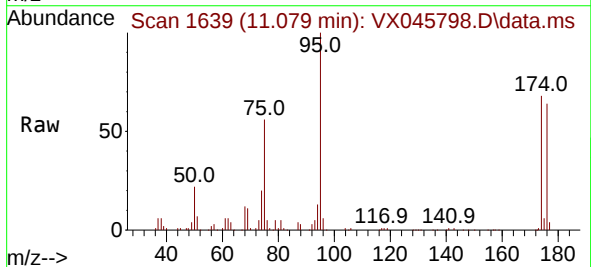
Instrument :
MSVOA_X
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VX0416MBL01

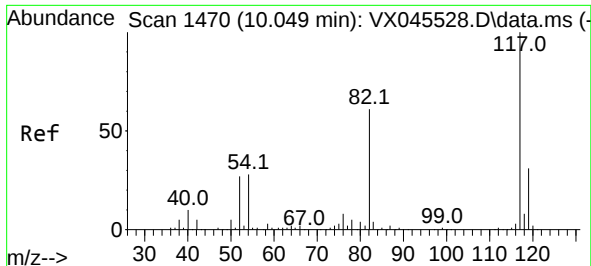
Tgt Ion: 98 Resp: 164131
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.452 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045798.D
Acq: 16 Apr 2025 11:24

Tgt Ion: 95 Resp: 62894
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.8
176 63.2 0.0 131.4

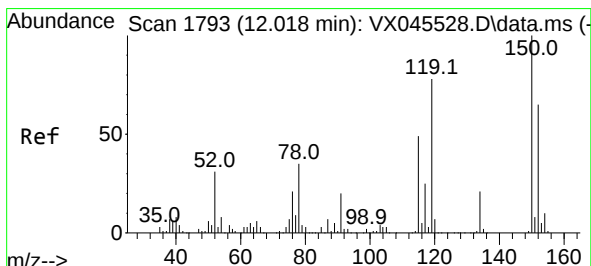
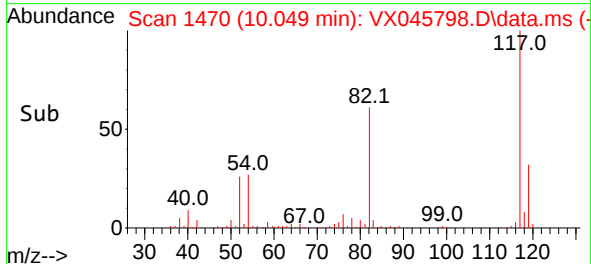
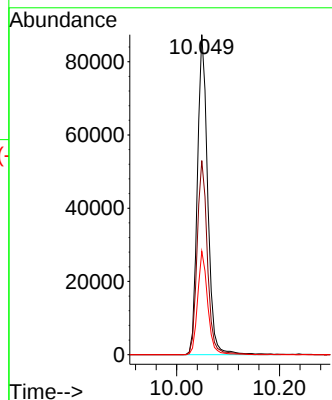
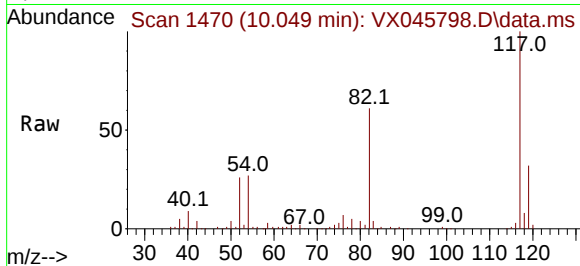




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045798.D
Acq: 16 Apr 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0416MBL01

Tgt Ion:117 Resp: 121692
Ion Ratio Lower Upper
117 100
82 60.7 49.2 73.8
119 32.3 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: VX045798.D
Acq: 16 Apr 2025 11:24

Tgt Ion:152 Resp: 52269
Ion Ratio Lower Upper
152 100
115 65.0 46.9 140.7
150 157.8 0.0 349.4

