

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045946.D
 Acq On : 28 Apr 2025 11:07
 Operator : JC/MD
 Sample : VX0428WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBL01

Quant Time: Apr 29 01:32:11 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	5.544	168	63502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46940	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63448	54.636	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.280%
35) Dibromofluoromethane	5.385	113	45388	51.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.080%
50) Toluene-d8	8.647	98	156194	50.812	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.620%
62) 4-Bromofluorobenzene	11.079	95	56923	50.838	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.680%

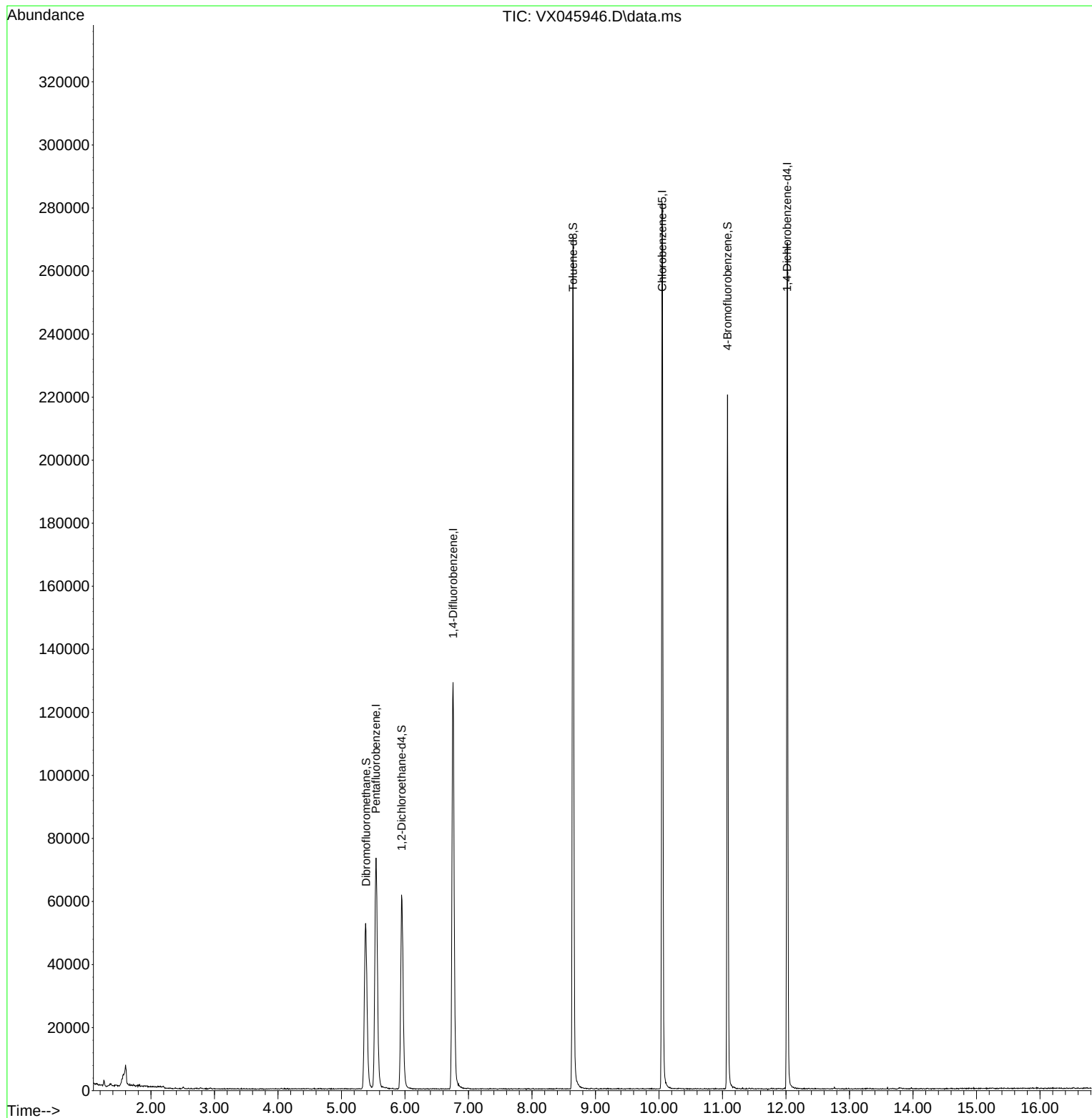
Target Compounds	Qvalue

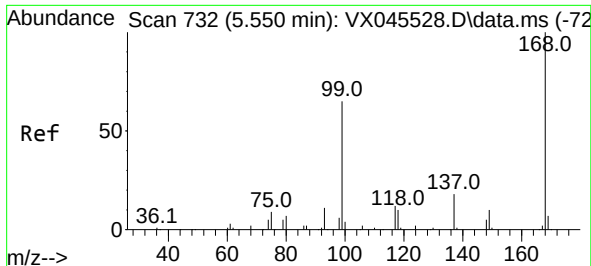
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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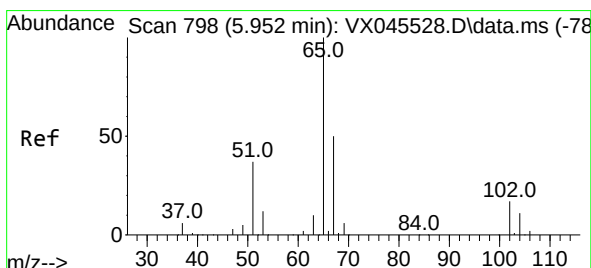
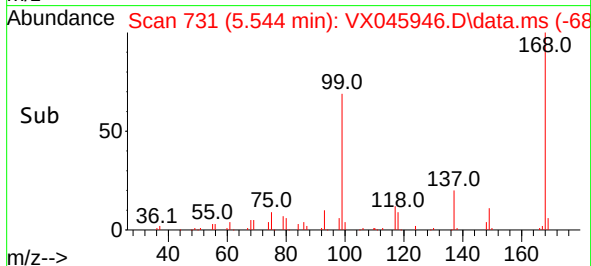
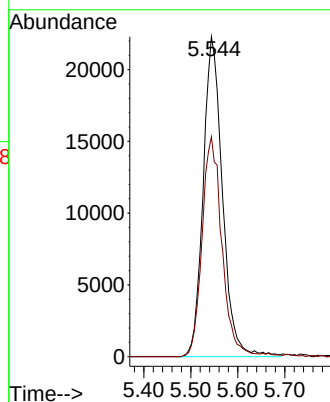
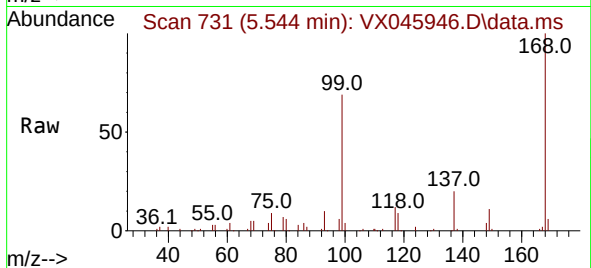




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045946.D
Acq: 28 Apr 2025 11:07

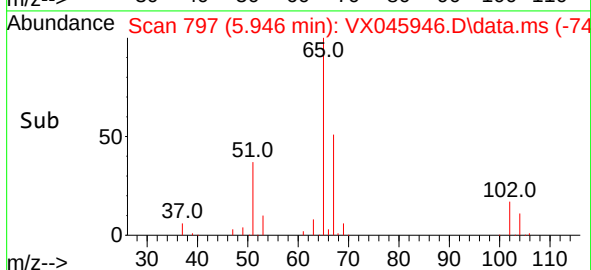
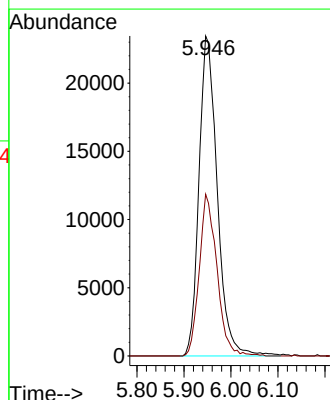
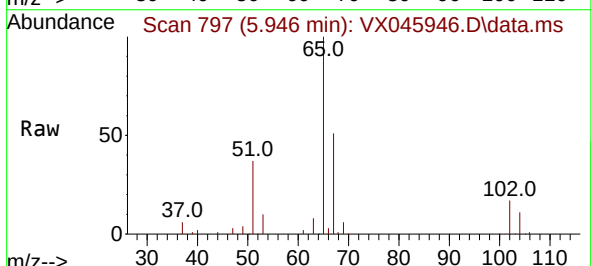
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBL01

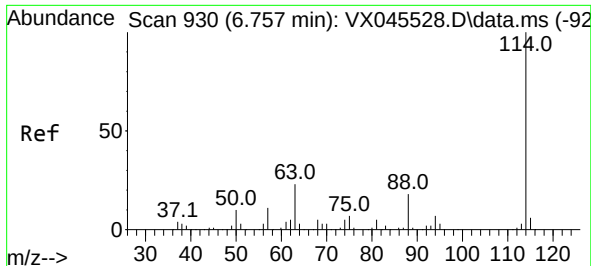
Tgt Ion:168 Resp: 63502
Ion Ratio Lower Upper
168 100
99 68.7 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 54.636 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045946.D
Acq: 28 Apr 2025 11:07

Tgt Ion: 65 Resp: 63448
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

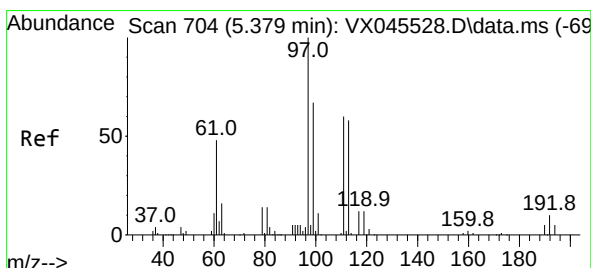
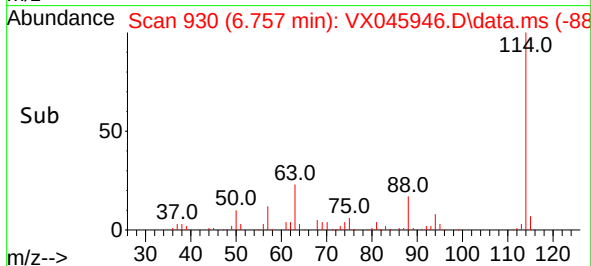
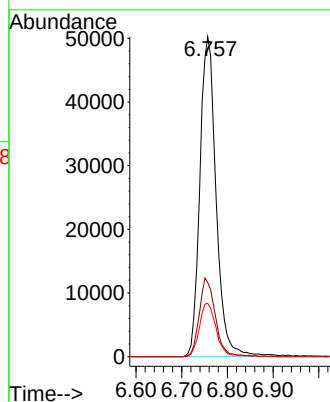
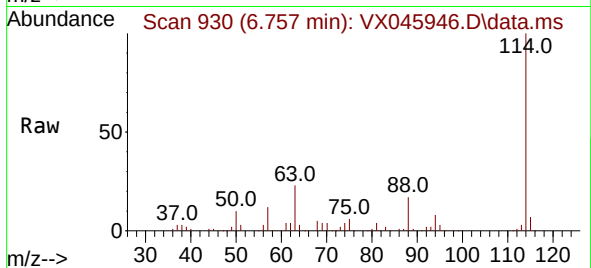




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045946.D
Acq: 28 Apr 2025 11:07

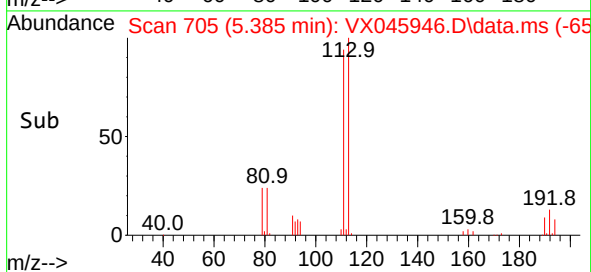
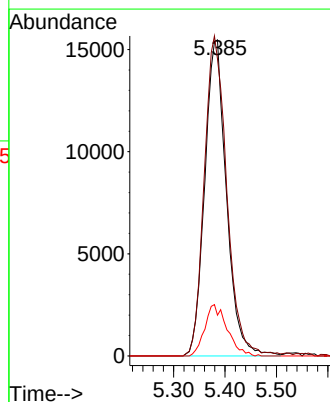
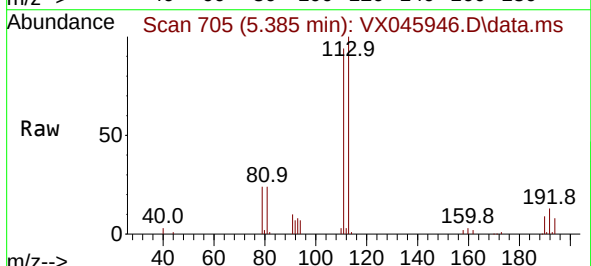
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBL01

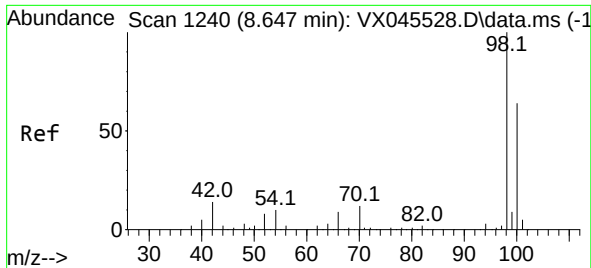
Tgt Ion:114 Resp: 124129
Ion Ratio Lower Upper
114 100
63 23.2 0.0 46.8
88 16.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.536 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045946.D
Acq: 28 Apr 2025 11:07

Tgt Ion:113 Resp: 45388
Ion Ratio Lower Upper
113 100
111 104.9 81.8 122.6
192 16.8 13.8 20.6

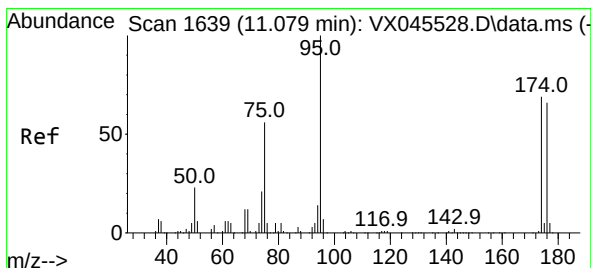
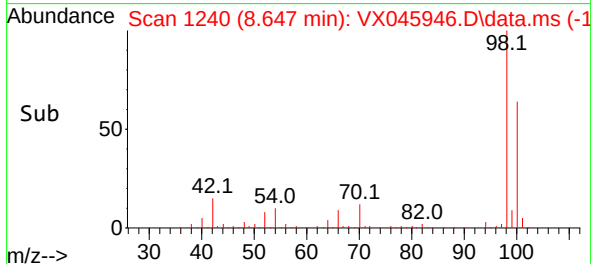
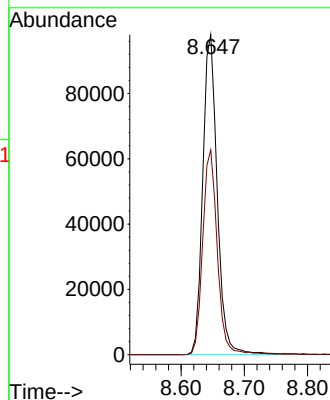
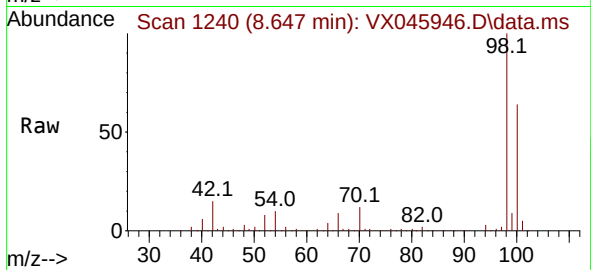




#50
Toluene-d8
Concen: 50.812 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045946.D
Acq: 28 Apr 2025 11:07

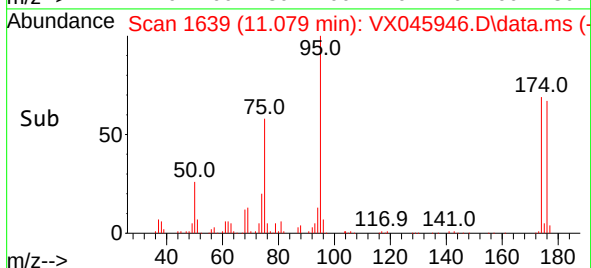
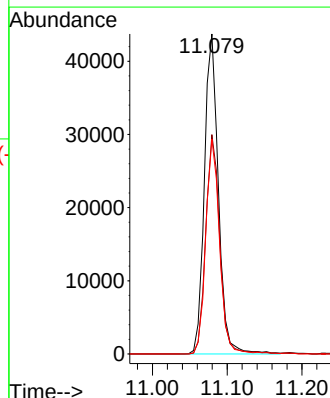
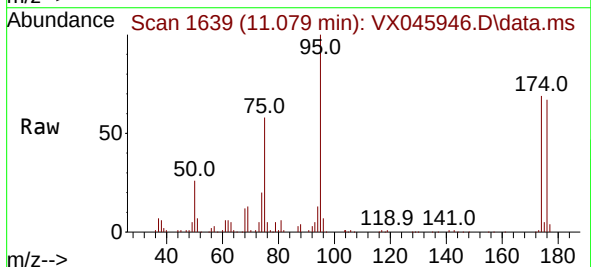
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBL01

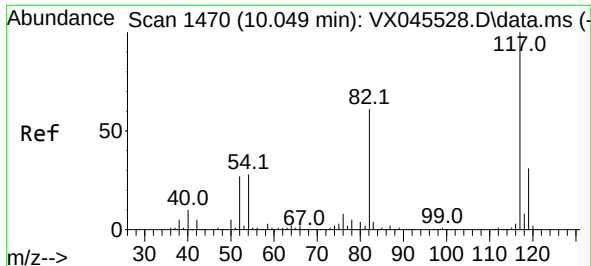
Tgt Ion: 98 Resp: 156194
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.838 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045946.D
Acq: 28 Apr 2025 11:07

Tgt Ion: 95 Resp: 56923
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.8
176 66.3 0.0 131.4

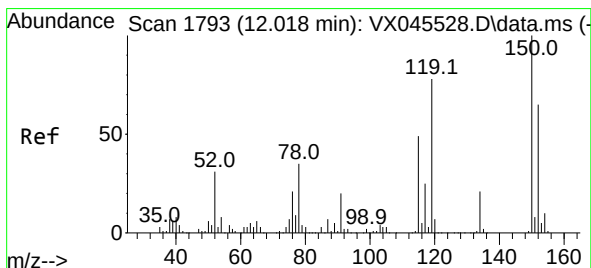
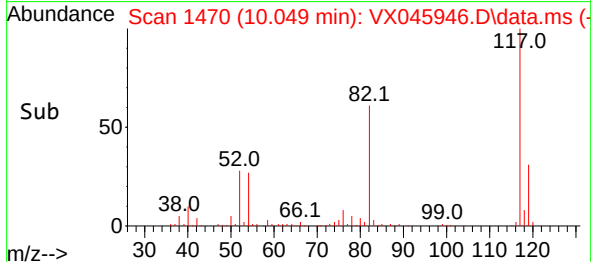
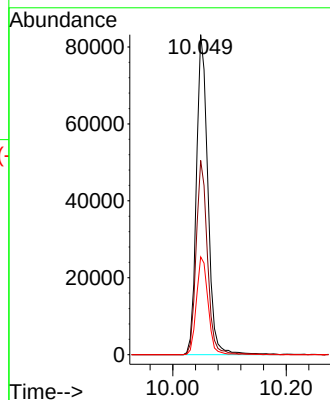
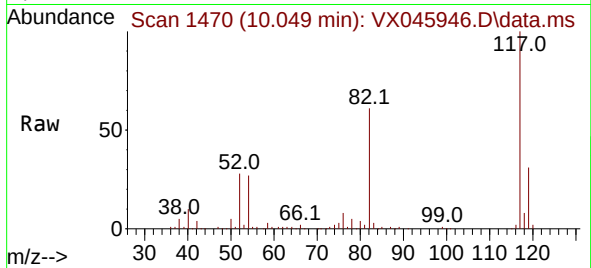




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045946.D
Acq: 28 Apr 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBL01

Tgt Ion:117 Resp: 116546
Ion Ratio Lower Upper
117 100
82 60.7 49.2 73.8
119 30.6 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: VX045946.D
Acq: 28 Apr 2025 11:07

Tgt Ion:152 Resp: 46940
Ion Ratio Lower Upper
152 100
115 66.2 46.9 140.7
150 159.9 0.0 349.4

