

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045714.D
 Acq On : 11 Apr 2025 03:59
 Operator : JC/MD
 Sample : VX0410WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBL02

Quant Time: Apr 11 04:41:44 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	68793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66802	53.100	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.200%	
35) Dibromofluoromethane	5.379	113	49276	51.730	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	8.647	98	167969	50.519	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	11.079	95	64311	53.102	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.200%	

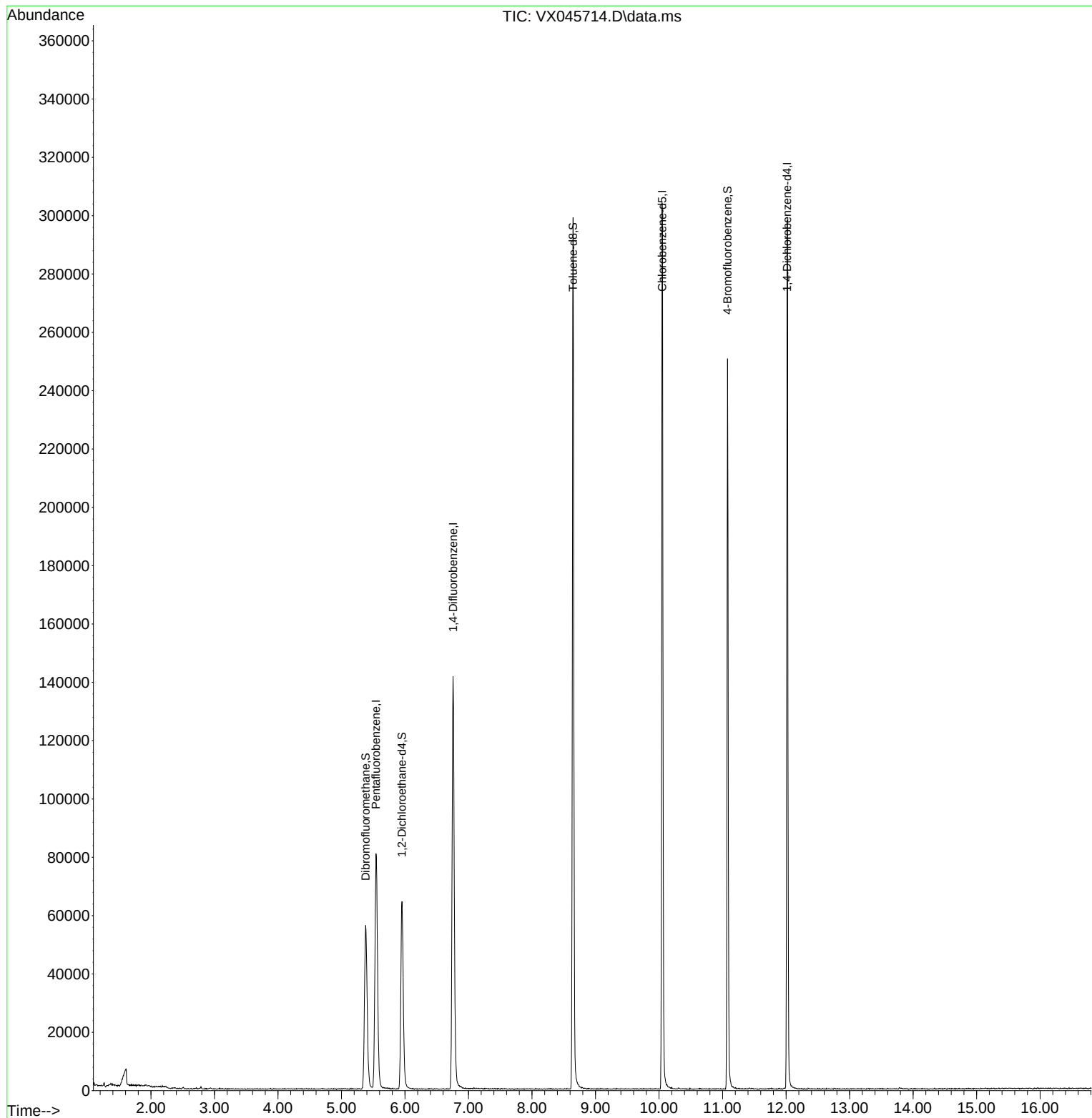
Target Compounds	Qvalue

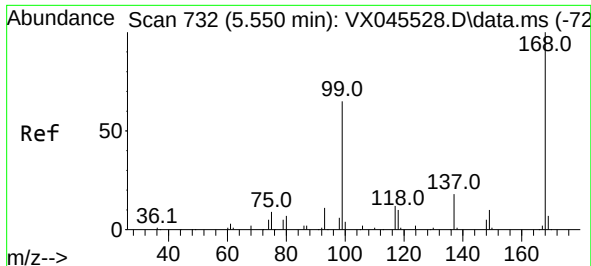
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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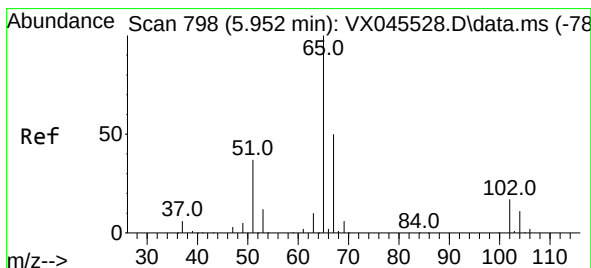
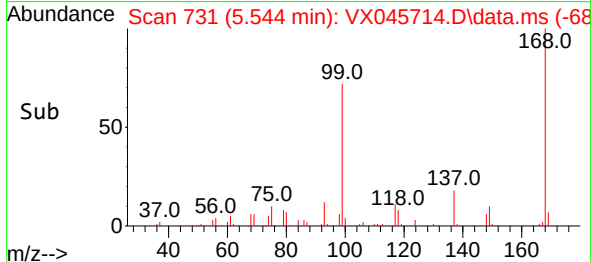
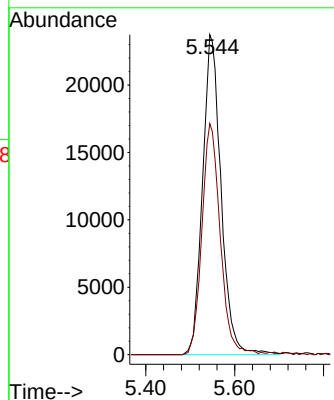
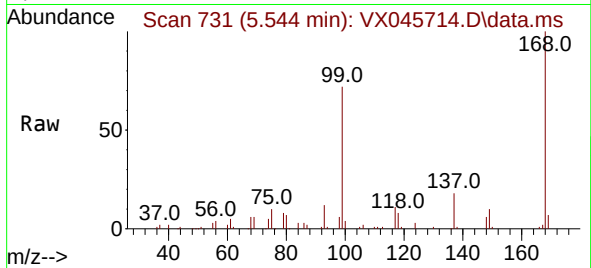




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

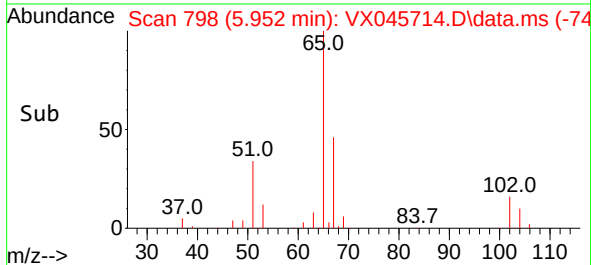
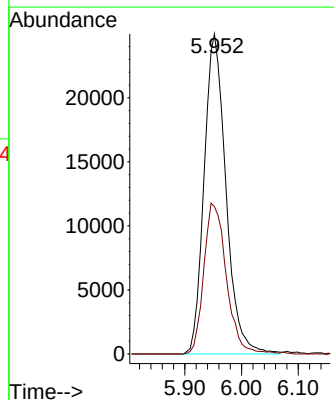
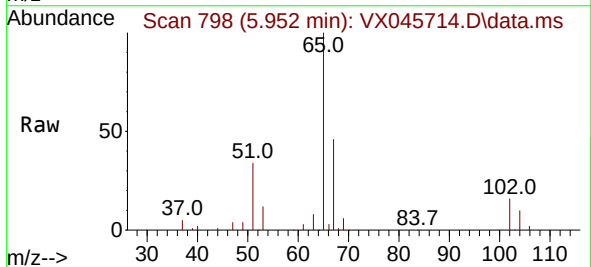
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

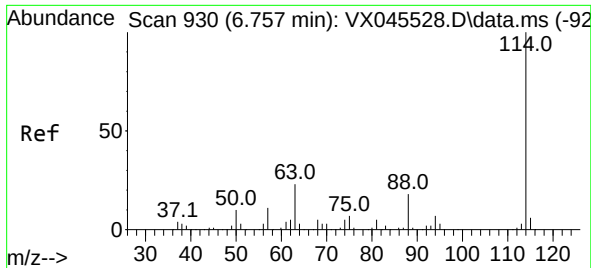
Tgt Ion:168 Resp: 68793
Ion Ratio Lower Upper
168 100
99 72.2 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 53.100 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion: 65 Resp: 66802
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.0

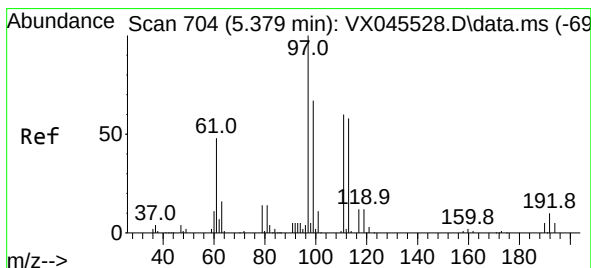
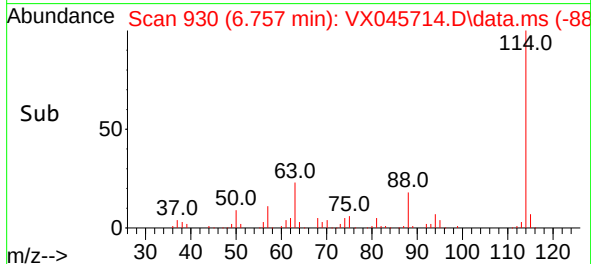
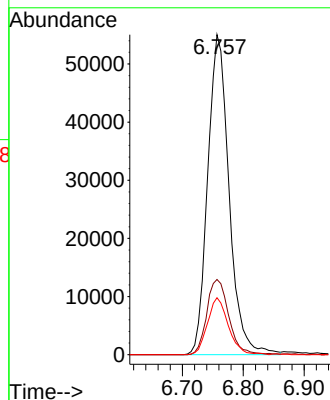
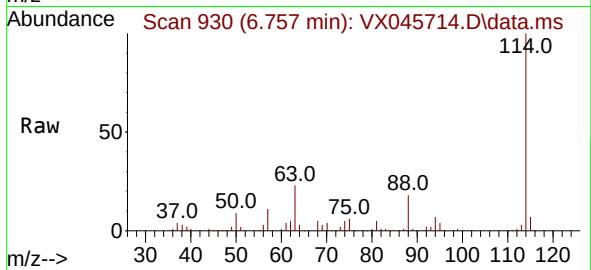




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

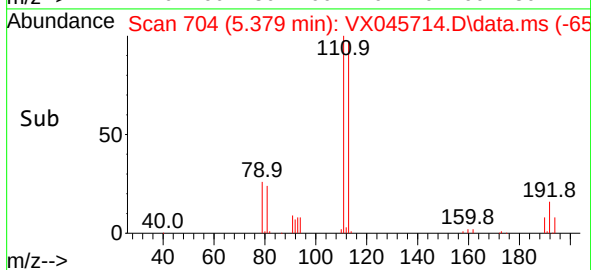
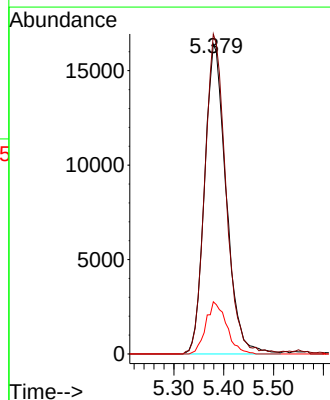
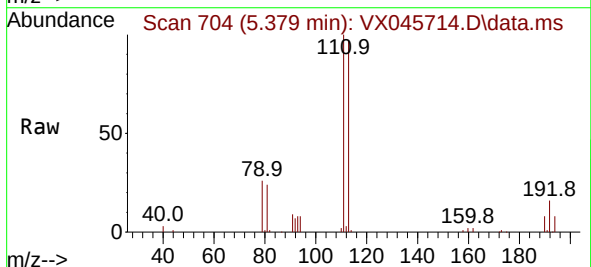
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

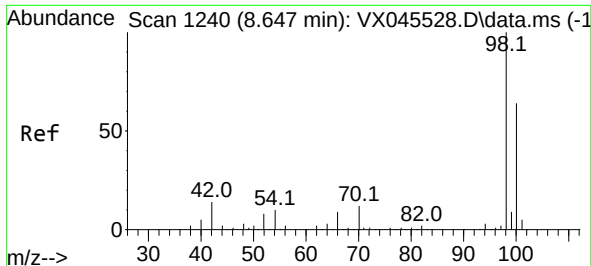
Tgt Ion:114 Resp: 134259
Ion Ratio Lower Upper
114 100
63 23.5 0.0 46.8
88 17.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.730 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion:113 Resp: 49276
Ion Ratio Lower Upper
113 100
111 101.1 81.8 122.6
192 16.2 13.8 20.6

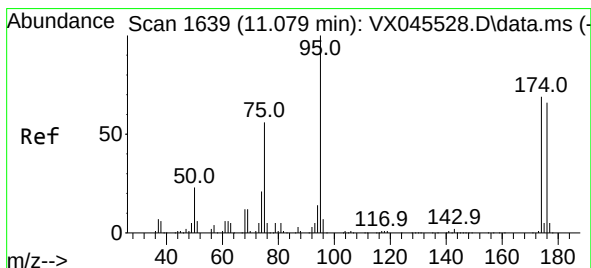
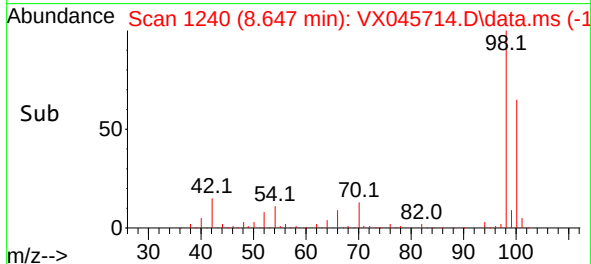
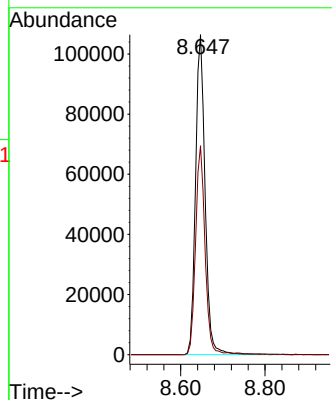
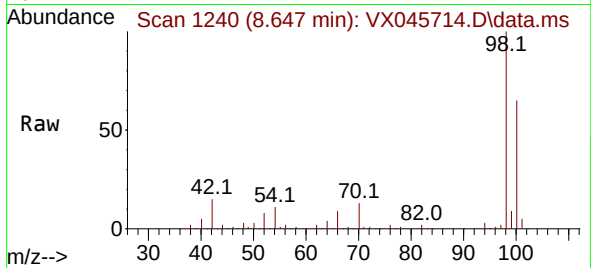




#50
Toluene-d8
Concen: 50.519 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

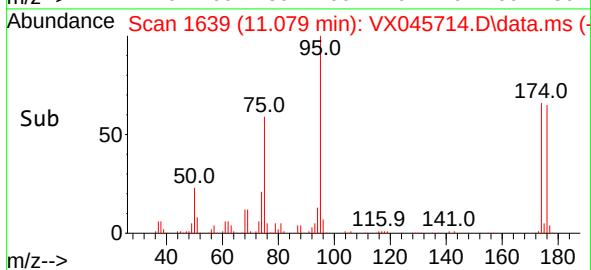
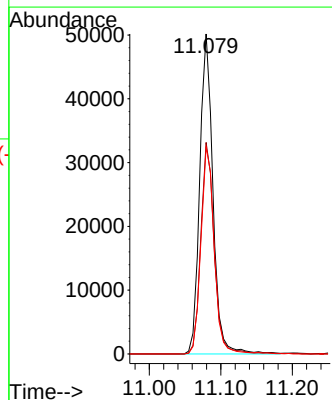
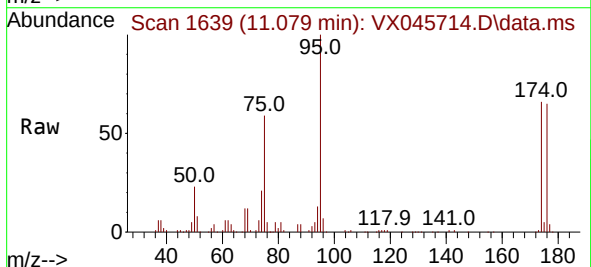
Instrument :
MSVOA_X
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VX0410WBL02

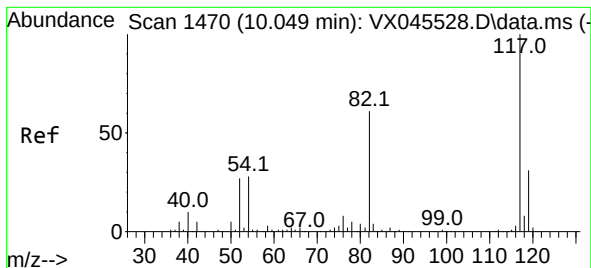
Tgt Ion: 98 Resp: 167969
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion: 95 Resp: 64311
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 65.5 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: VX045714.D

Acq: 11 Apr 2025 03:59

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBL02

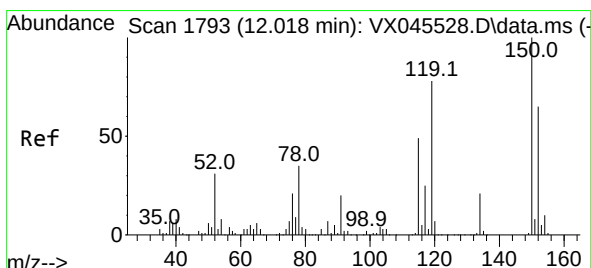
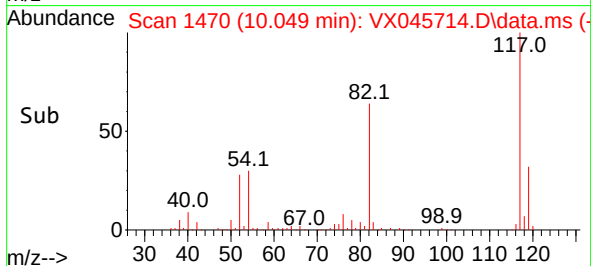
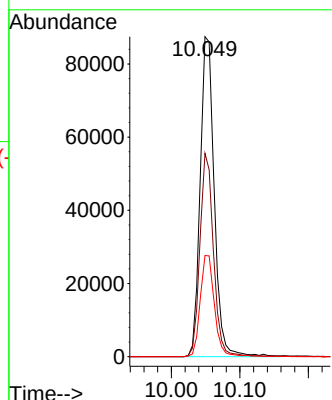
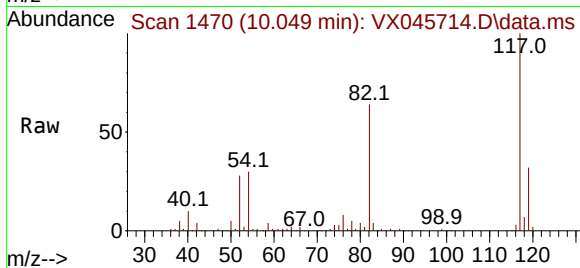
Tgt Ion:117 Resp: 125713

Ion Ratio Lower Upper

117 100

82 63.6 49.2 73.8

119 31.6 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: VX045714.D

Acq: 11 Apr 2025 03:59

Tgt Ion:152 Resp: 55453

Ion Ratio Lower Upper

152 100

115 65.3 46.9 140.7

150 151.4 0.0 349.4

