

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045583.D
 Acq On : 03 Apr 2025 19:52
 Operator : JC/MD
 Sample : Q1676-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Apr 04 01:30:10 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	5.550	168	65504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66129	55.204	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.400%
35) Dibromofluoromethane	5.385	113	47720	51.469	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.940%
50) Toluene-d8	8.647	98	161943	50.042	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.080%
62) 4-Bromofluorobenzene	11.079	95	63594	53.950	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.900%

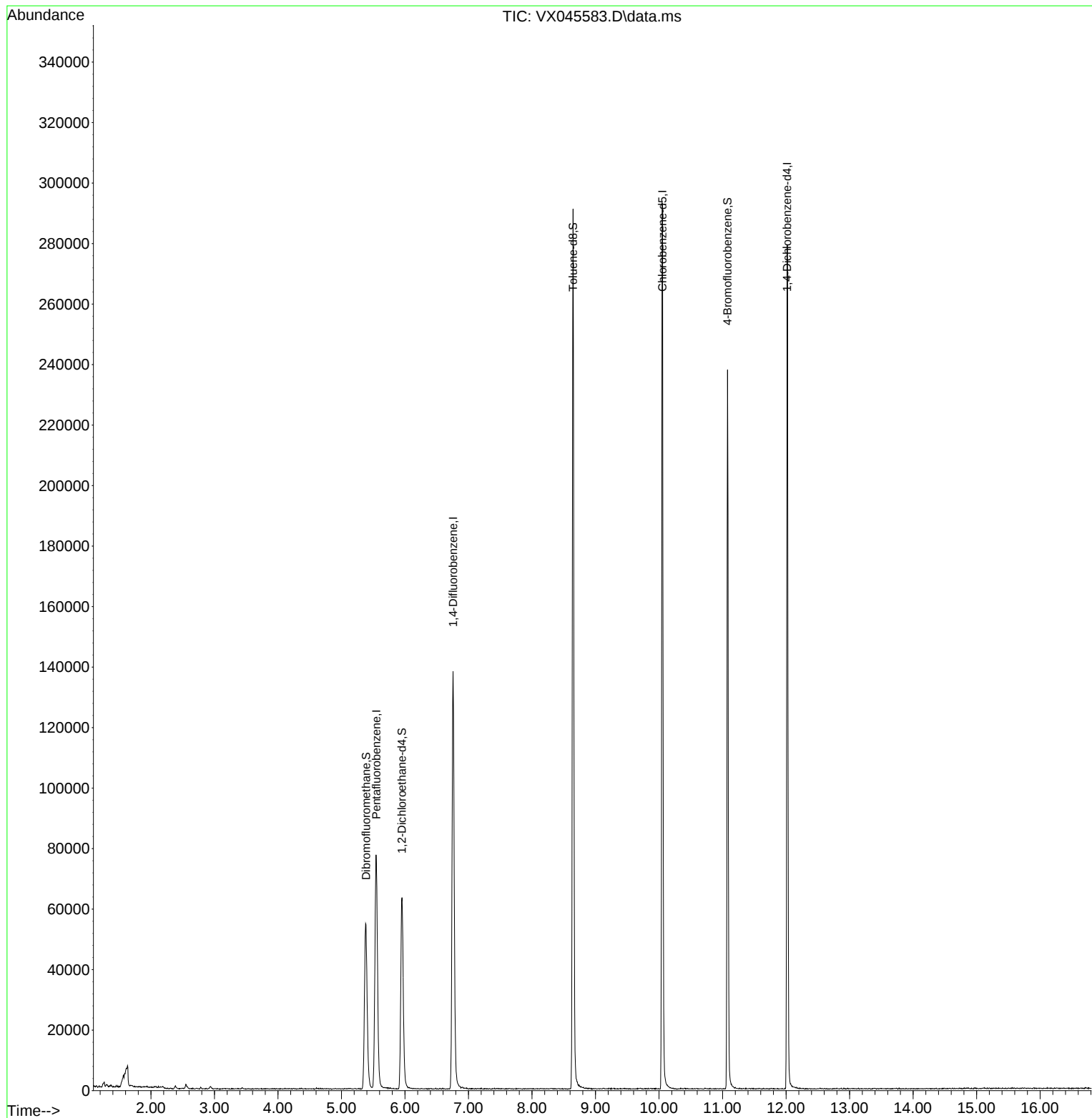
Target Compounds	Qvalue

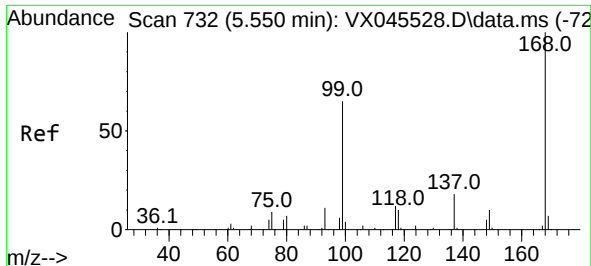
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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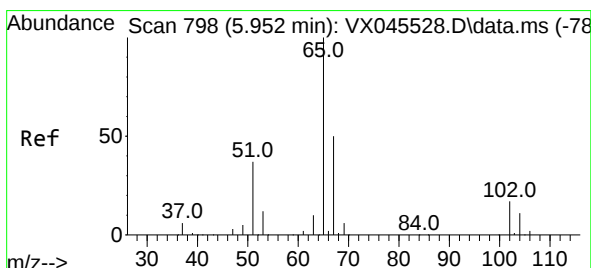
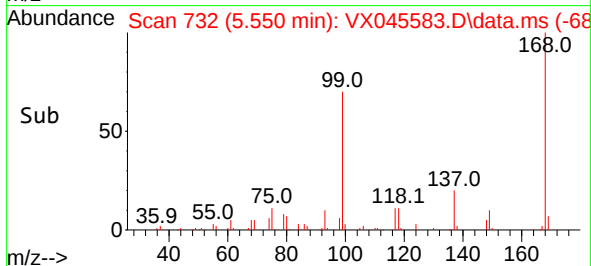
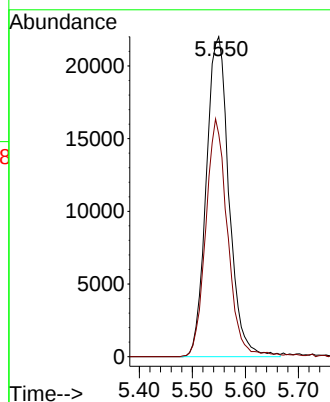
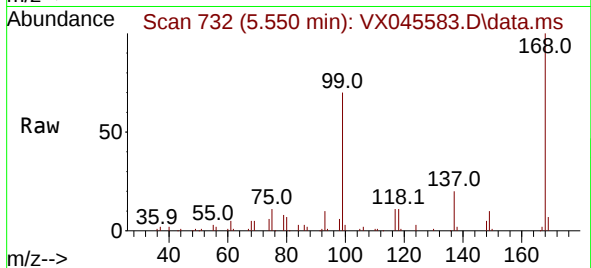




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

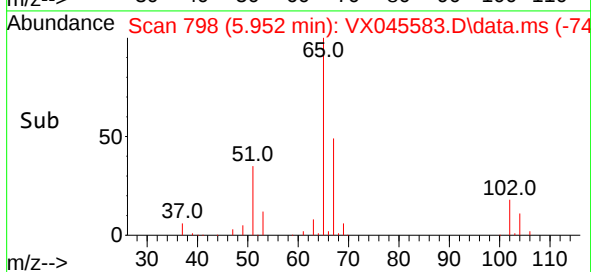
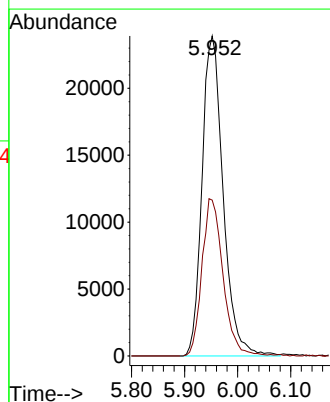
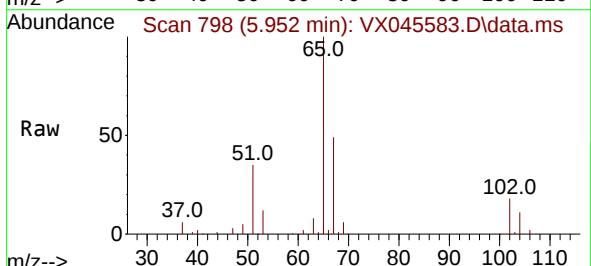
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

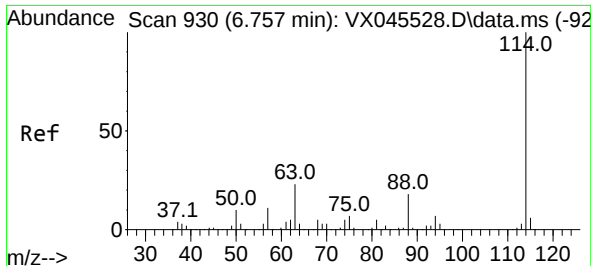
Tgt Ion:168 Resp: 65504
Ion Ratio Lower Upper
168 100
99 69.5 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 55.204 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

Tgt Ion: 65 Resp: 66129
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

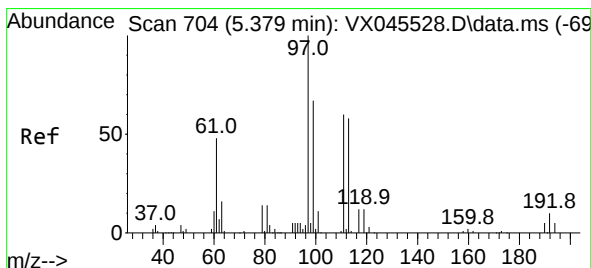
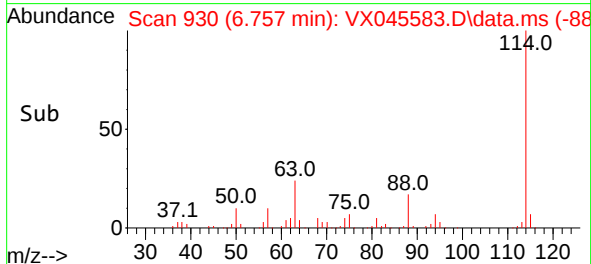
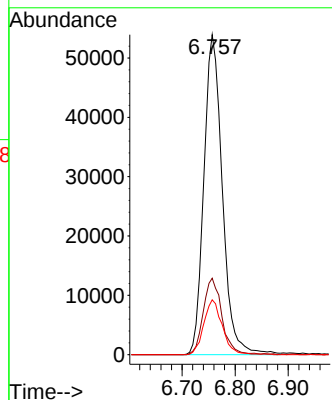
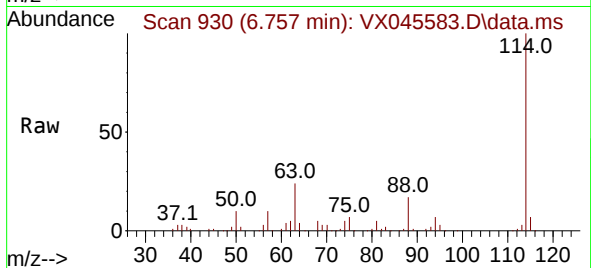




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

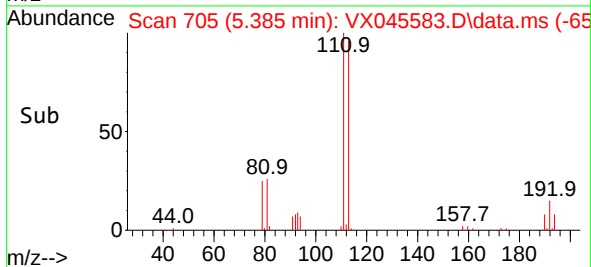
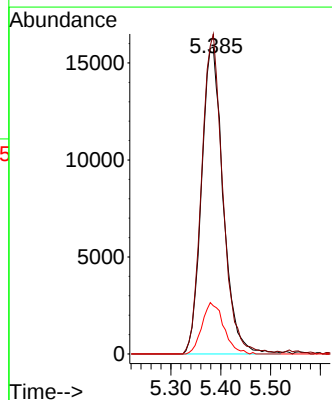
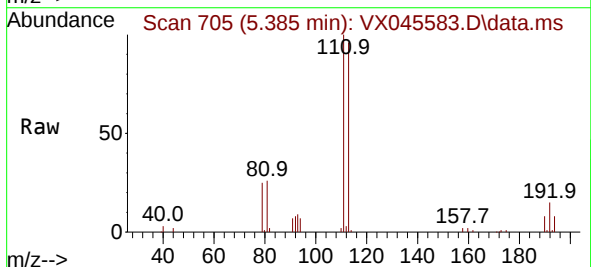
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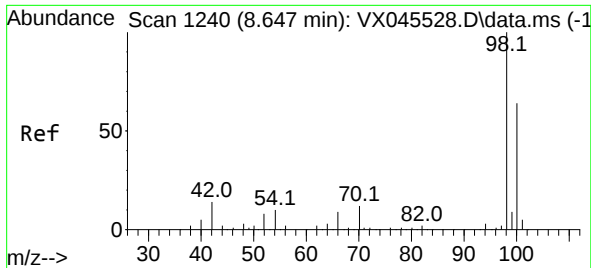
Tgt Ion:114 Resp: 130677
Ion Ratio Lower Upper
114 100
63 23.9 0.0 46.8
88 17.2 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.469 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

Tgt Ion:113 Resp: 47720
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 16.7 13.8 20.6

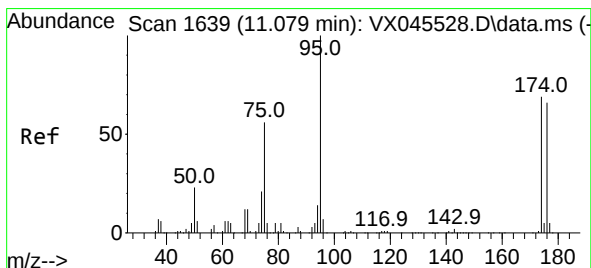
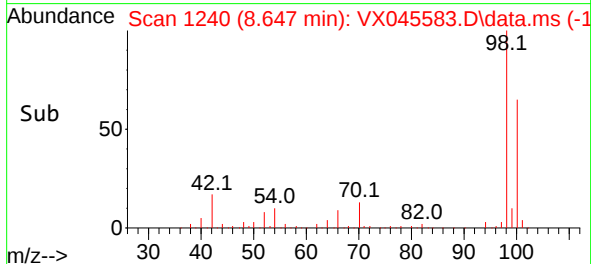
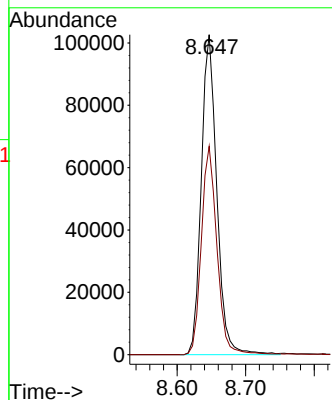
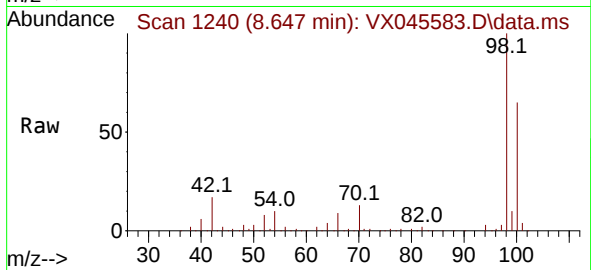




#50
Toluene-d8
Concen: 50.042 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

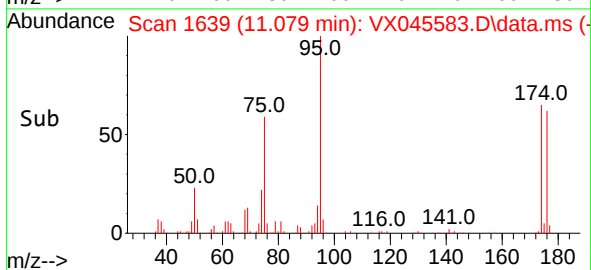
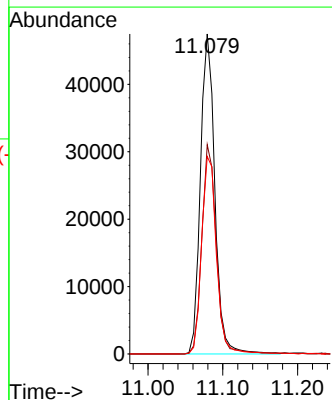
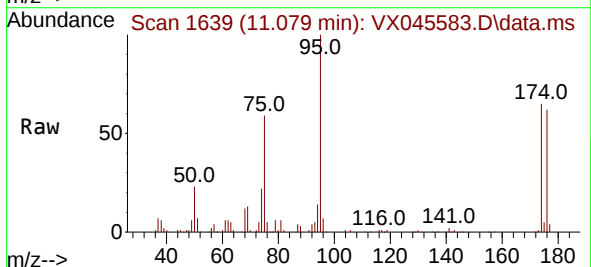
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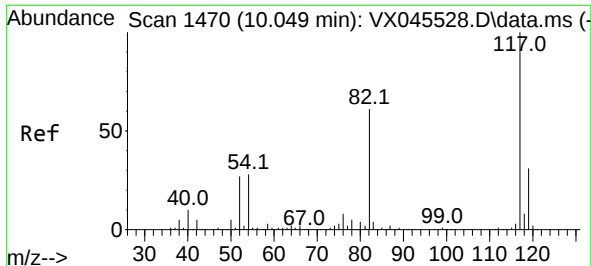
Tgt Ion: 98 Resp: 161943
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.950 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

Tgt Ion: 95 Resp: 63594
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.8
176 63.5 0.0 131.4

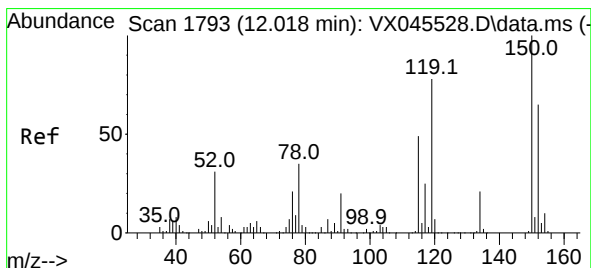
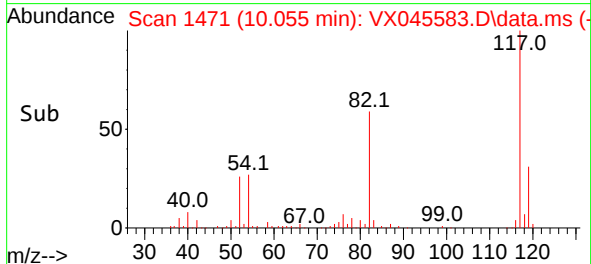
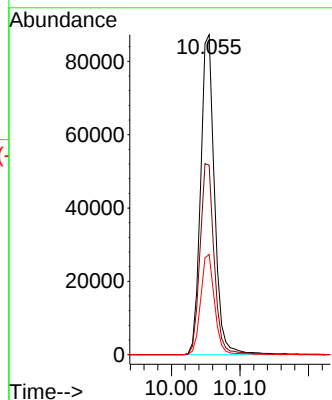
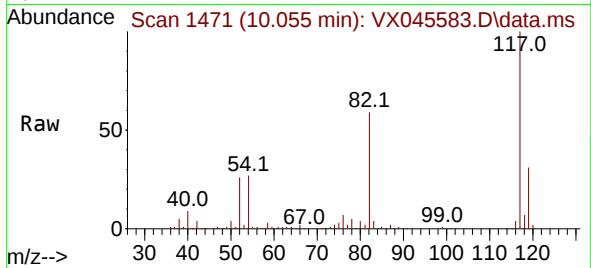




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045583.D
Acq: 03 Apr 2025 19:52

Instrument :
MSVOA_X
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Tgt Ion:117 Resp: 123569
Ion Ratio Lower Upper
117 100
82 59.2 49.2 73.8
119 31.3 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: VX045583.D
Acq: 03 Apr 2025 19:52

Tgt Ion:152 Resp: 52066
Ion Ratio Lower Upper
152 100
115 64.7 46.9 140.7
150 156.6 0.0 349.4

