

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
 Data File : VX045065.D
 Acq On : 27 Feb 2025 16:05
 Operator : JC/MD
 Sample : Q1403-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 28 00:44:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	40726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	109044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36294	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	42862	71.897	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	143.800%#
35) Dibromofluoromethane	5.379	113	38603	54.450	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.900%
50) Toluene-d8	8.646	98	116362	43.404	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.800%
62) 4-Bromofluorobenzene	11.079	95	44440	49.171	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.340%

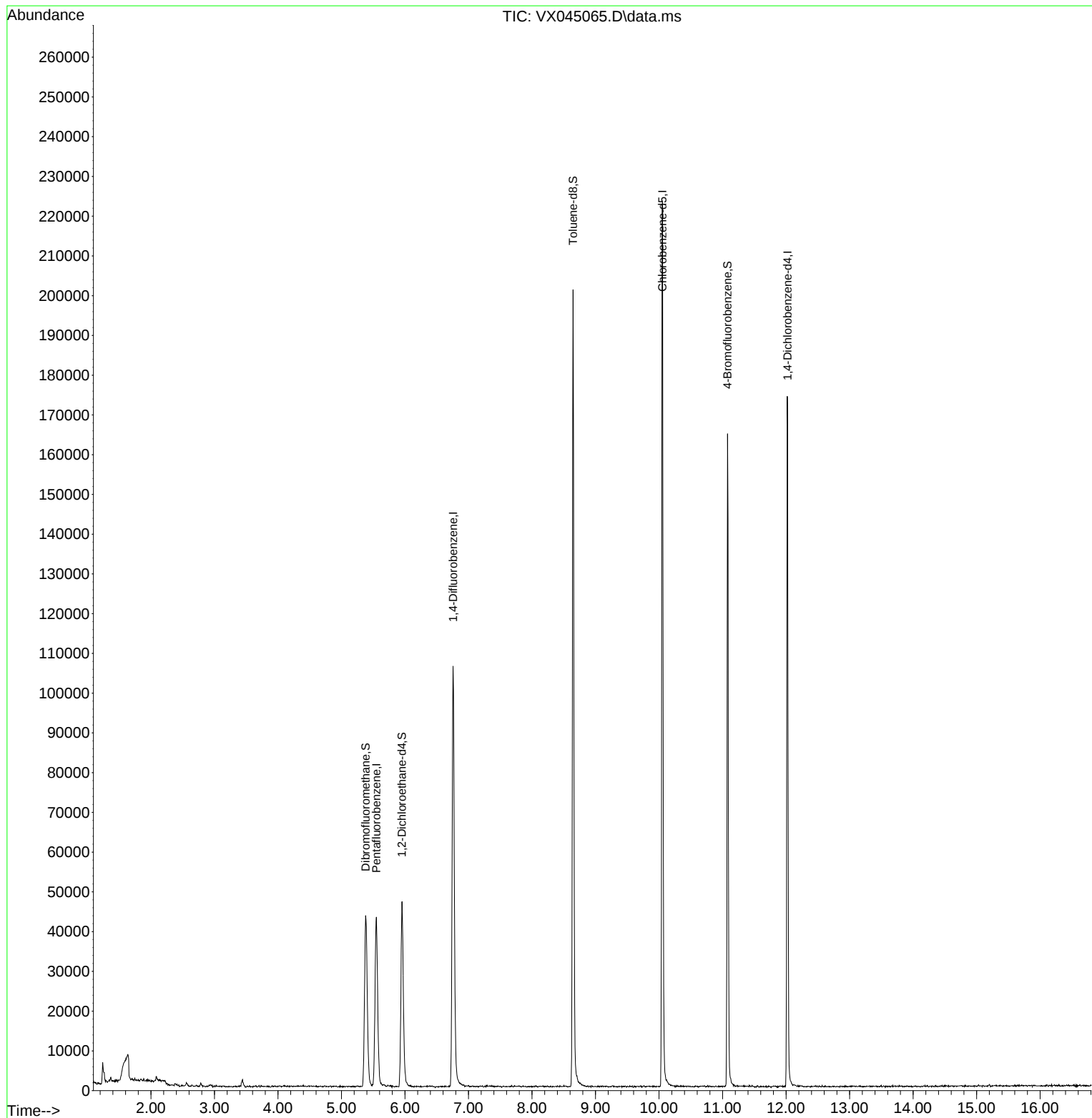
Target Compounds	Qvalue

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

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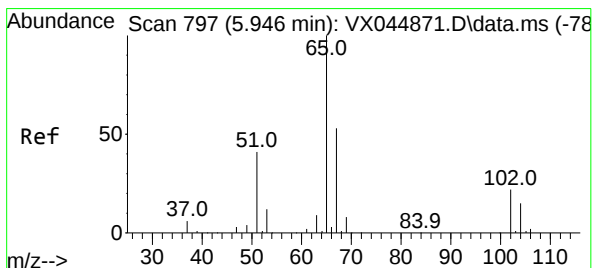
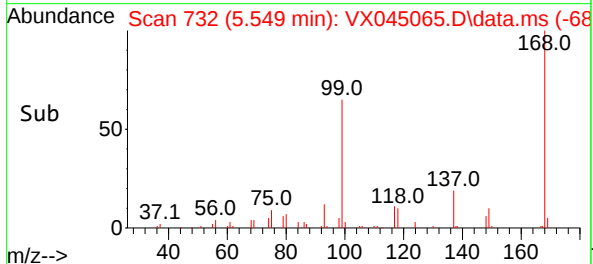
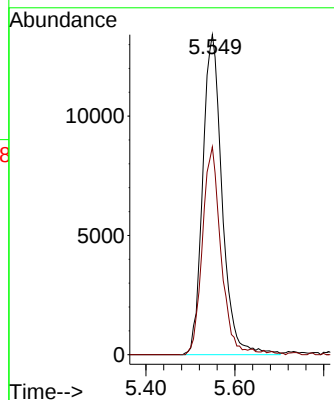
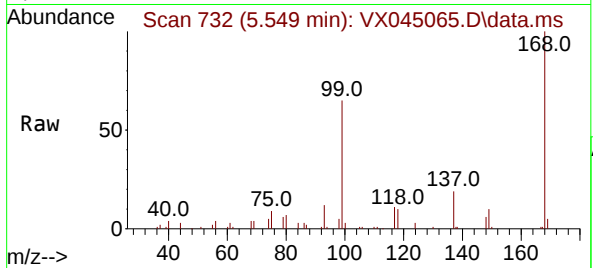




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

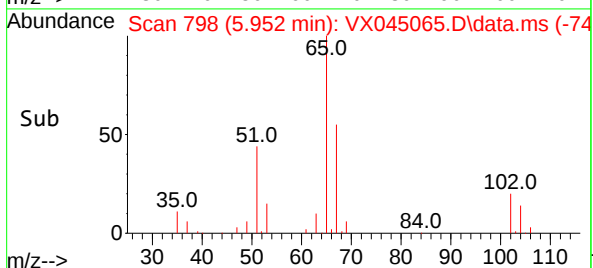
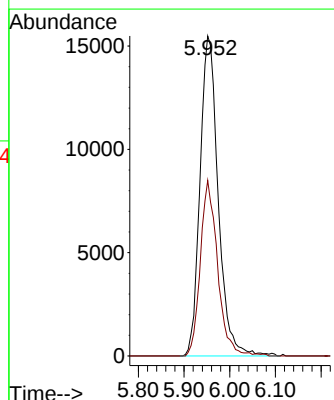
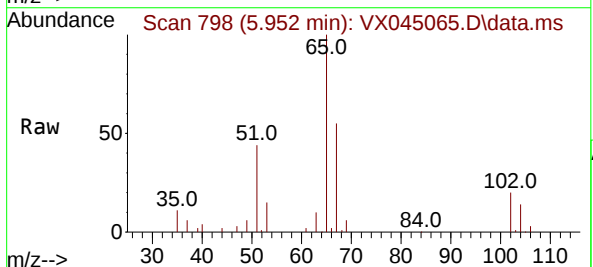
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

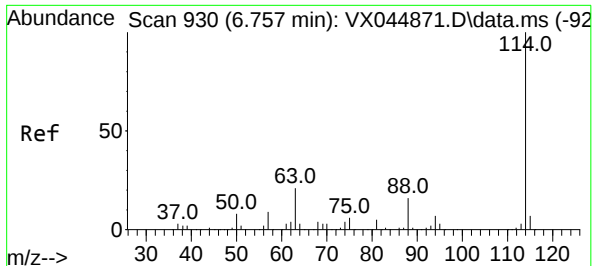
Tgt Ion:168 Resp: 40726
Ion Ratio Lower Upper
168 100
99 64.9 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 71.897 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

Tgt Ion: 65 Resp: 42862
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.2

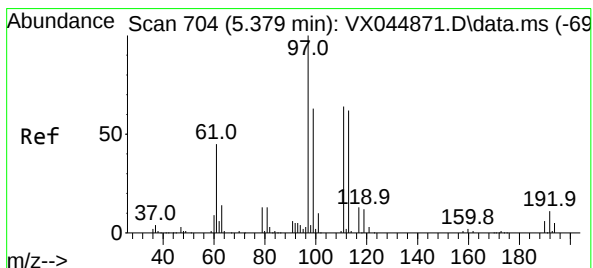
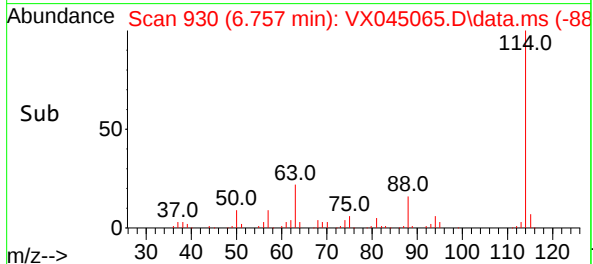
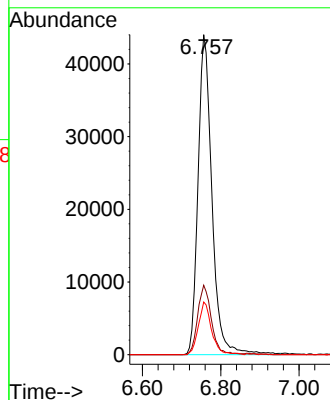
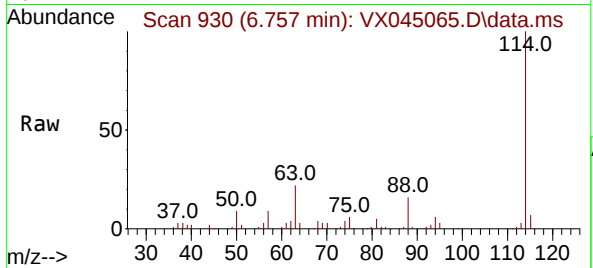




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

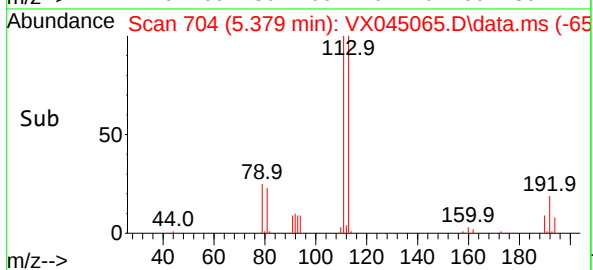
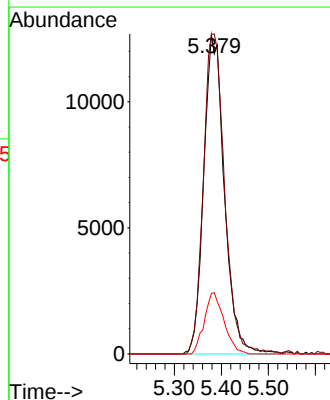
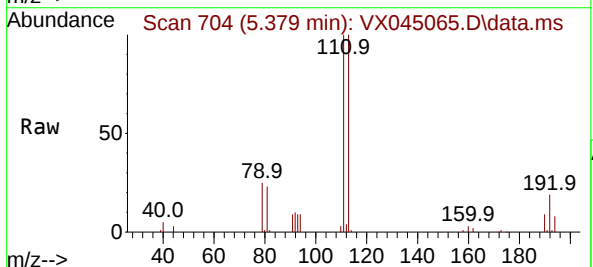
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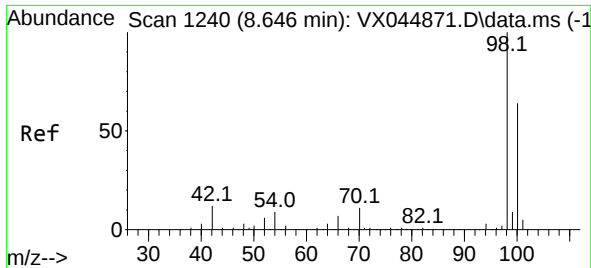
Tgt Ion:114 Resp: 109044
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.4
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.450 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

Tgt Ion:113 Resp: 38603
Ion Ratio Lower Upper
113 100
111 103.1 83.5 125.3
192 18.3 14.4 21.6

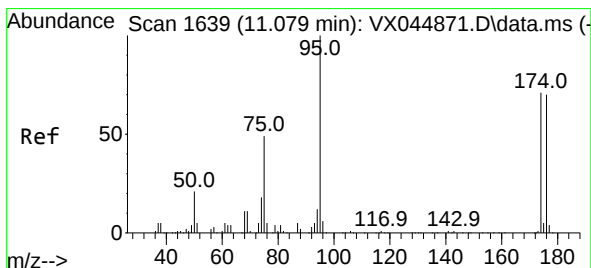
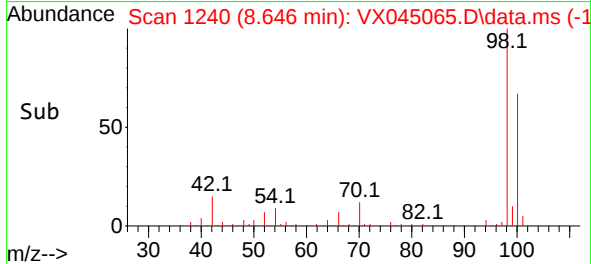
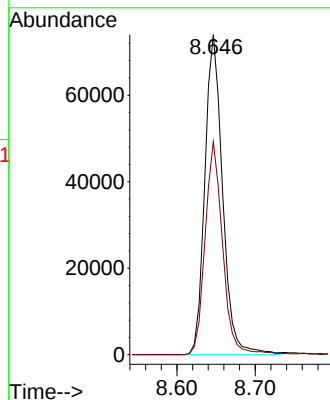
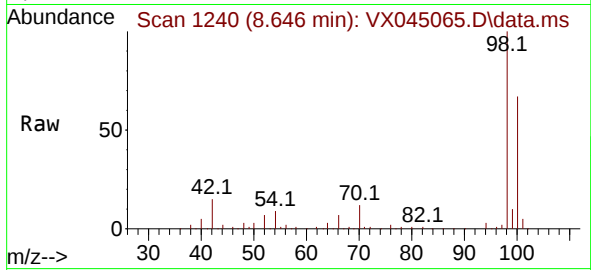




#50
Toluene-d8
Concen: 43.404 ug/l
RT: 8.646 min Scan# 116362
Delta R.T. 0.000 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

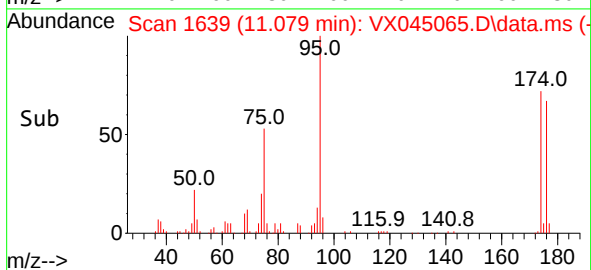
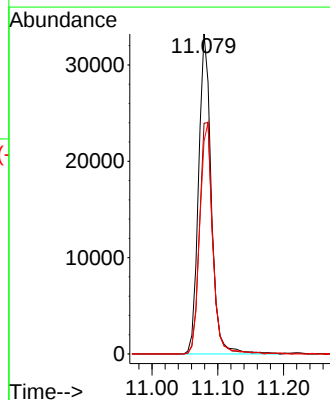
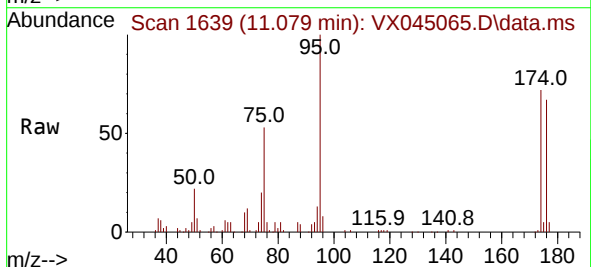
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

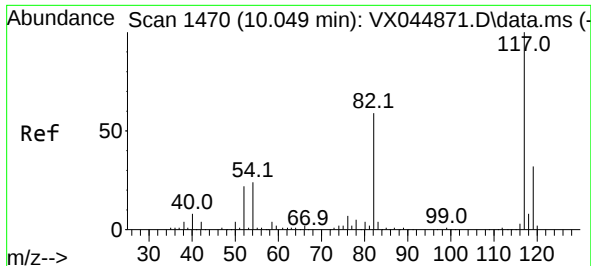
Tgt Ion: 98 Resp: 116362
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 49.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

Tgt Ion: 95 Resp: 44440
Ion Ratio Lower Upper
95 100
174 75.4 0.0 142.6
176 73.2 0.0 141.6

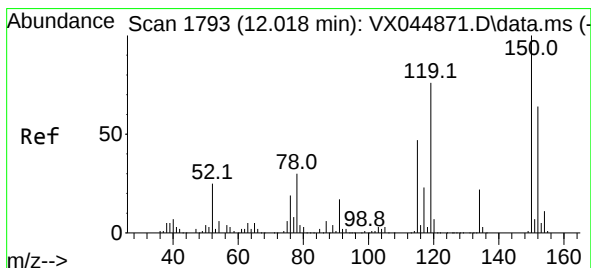
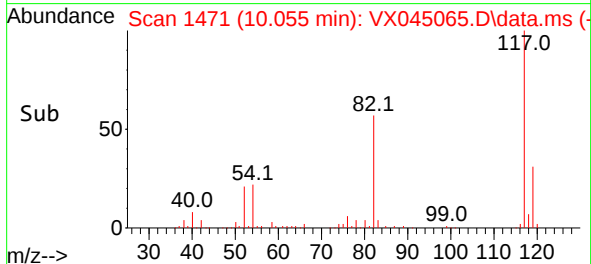
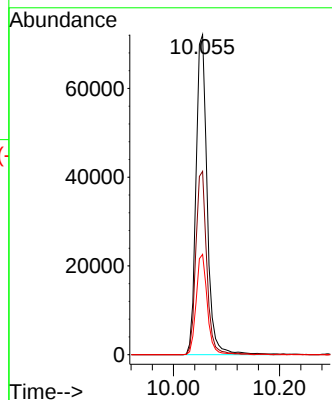
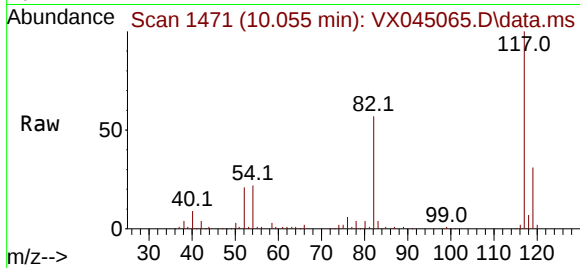




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

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

Tgt Ion:117 Resp: 105129
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

Tgt Ion:152 Resp: 36294
Ion Ratio Lower Upper
152 100
115 60.9 43.4 130.1
150 157.5 0.0 350.4

