

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045245.D
 Acq On : 12 Mar 2025 13:48
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 13 01:41:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	73045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140510	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53121	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63877	54.977	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.960%
35) Dibromofluoromethane	5.379	113	50932	54.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.420%
50) Toluene-d8	8.647	98	172842	50.743	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	11.079	95	58911	52.193	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.380%

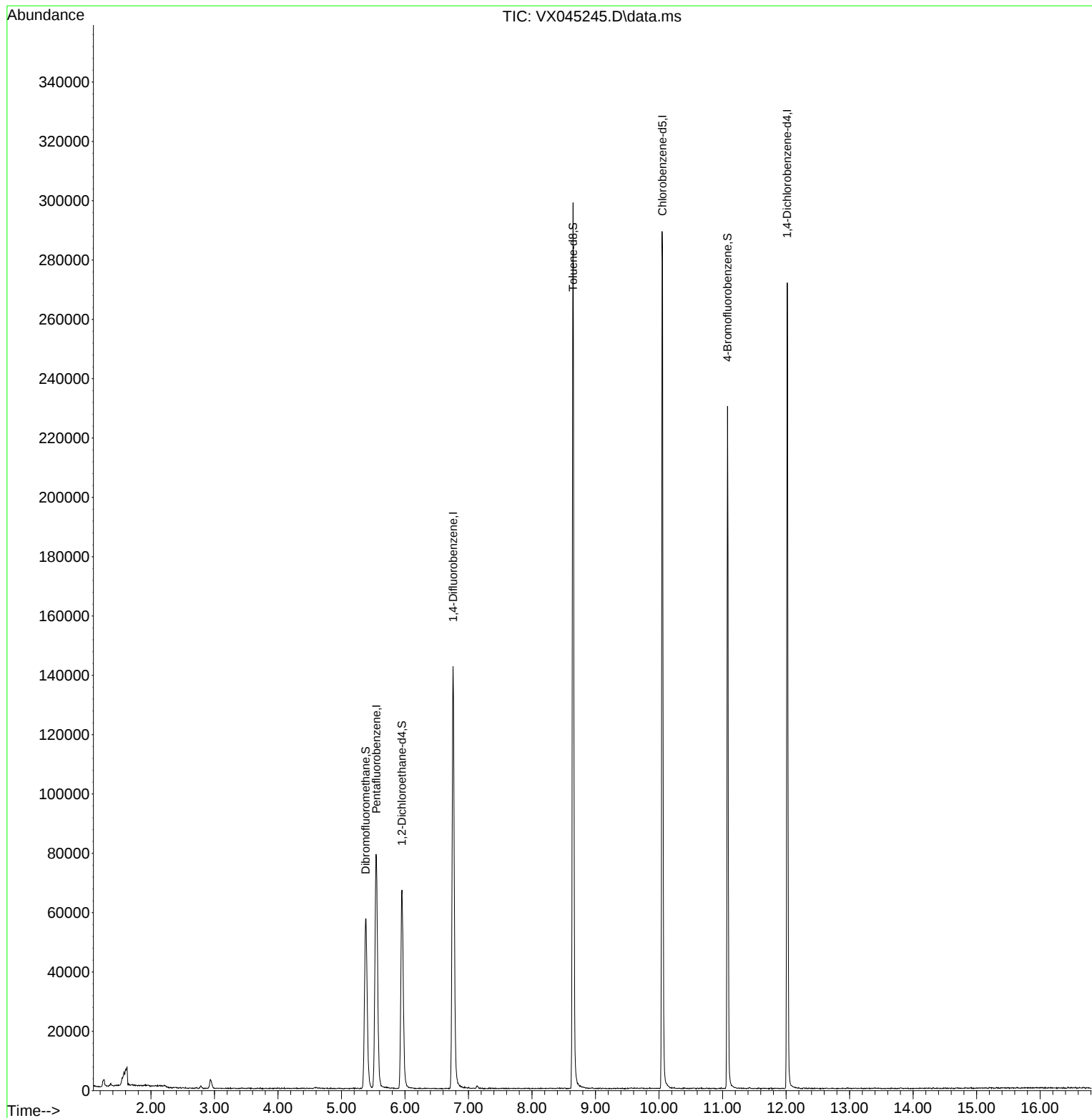
Target Compounds	Qvalue

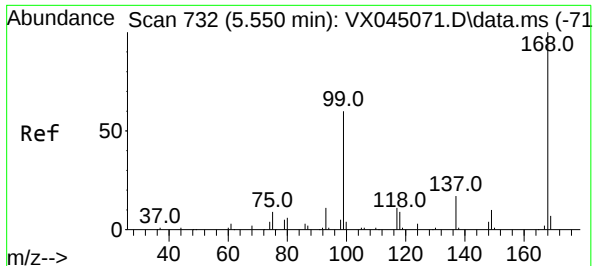
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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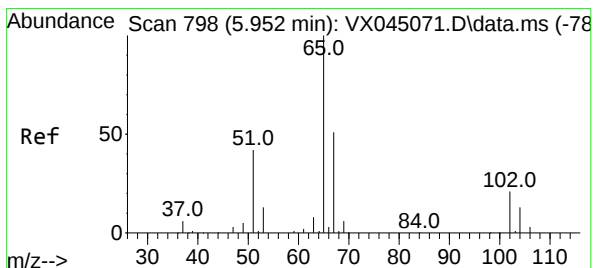
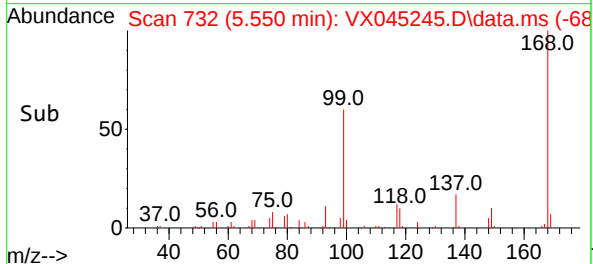
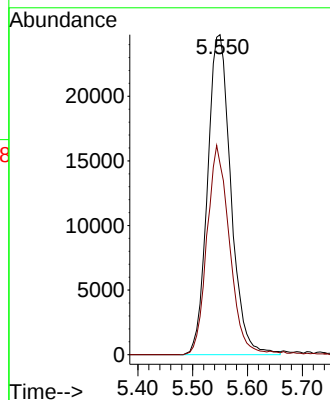
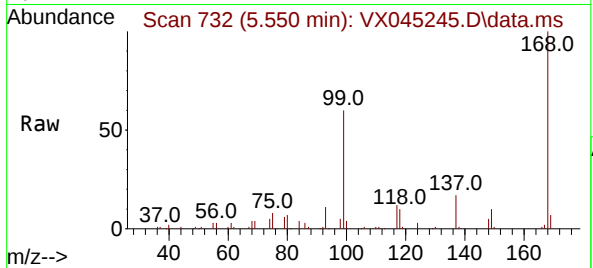




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

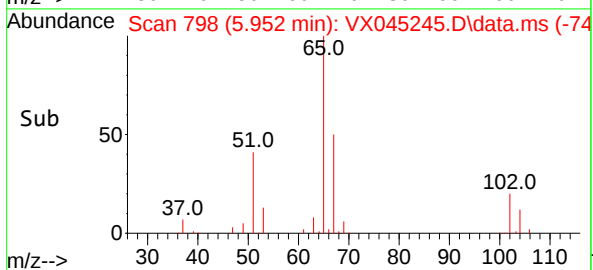
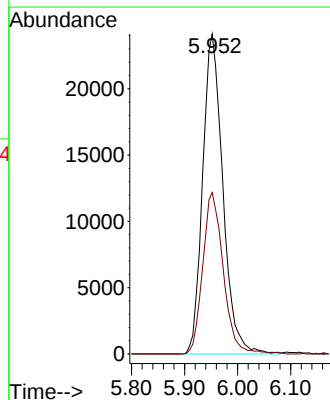
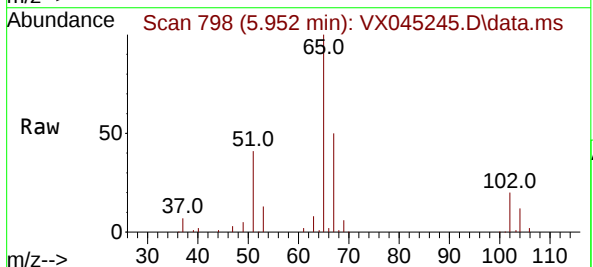
Instrument :
MSVOA_X
ClientSampleId :
IBLK

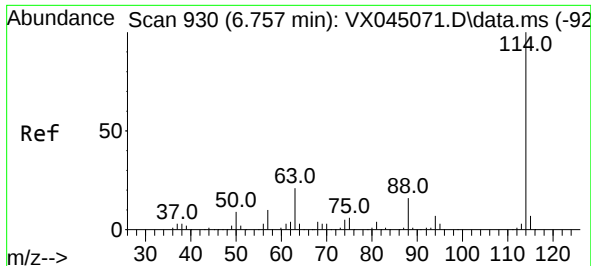
Tgt Ion:168 Resp: 73045
Ion Ratio Lower Upper
168 100
99 59.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.977 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

Tgt Ion: 65 Resp: 63877
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.2

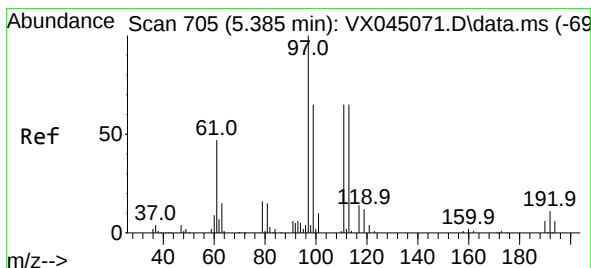
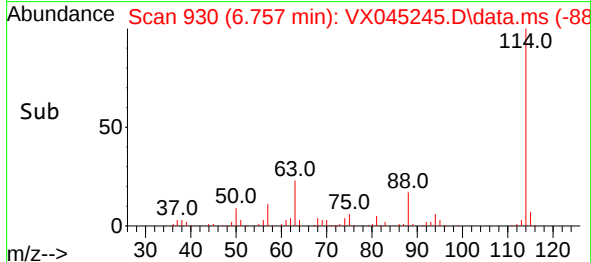
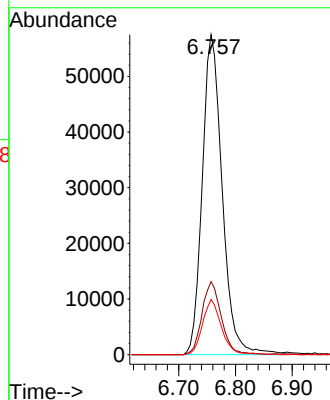
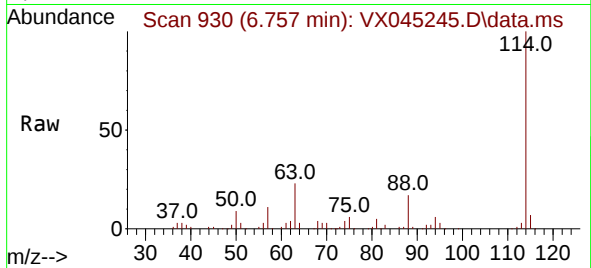




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

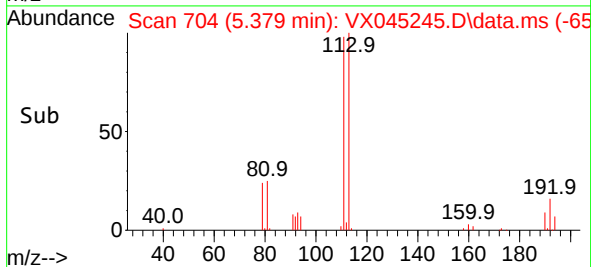
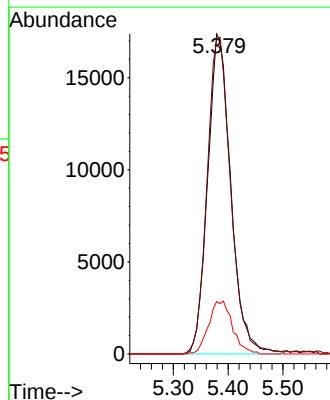
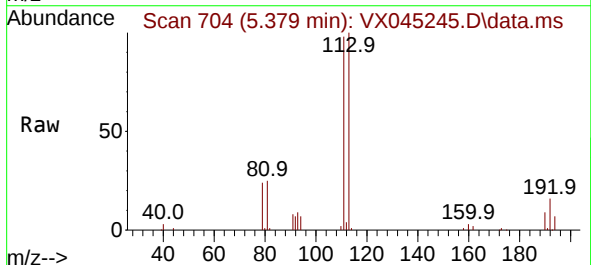
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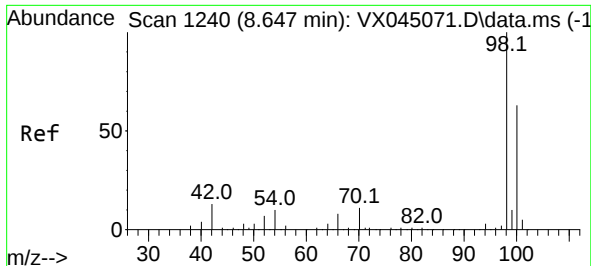
Tgt Ion:114 Resp: 140510
Ion Ratio Lower Upper
114 100
63 22.9 0.0 41.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.209 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

Tgt Ion:113 Resp: 50932
Ion Ratio Lower Upper
113 100
111 100.9 81.8 122.6
192 17.1 14.3 21.5

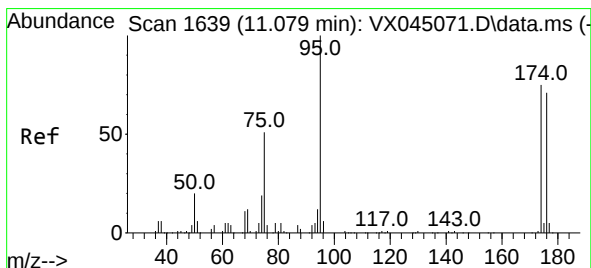
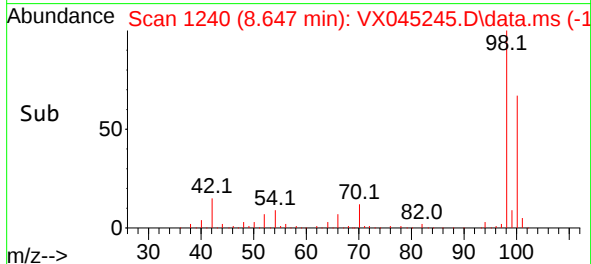
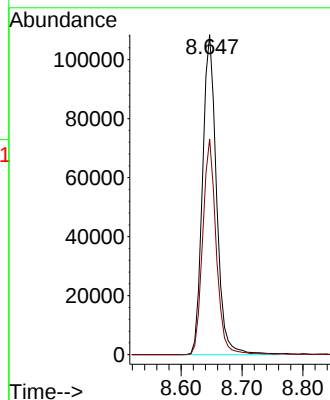
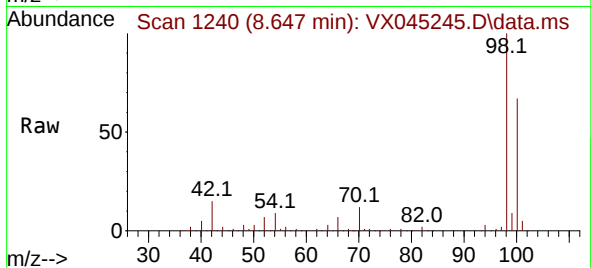




#50
Toluene-d8
Concen: 50.743 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

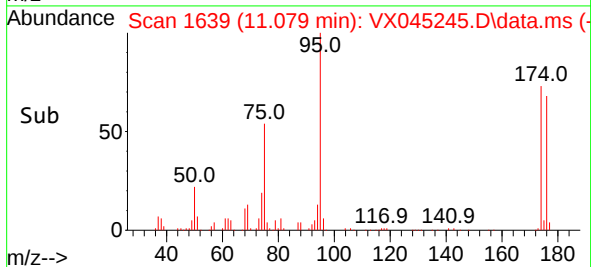
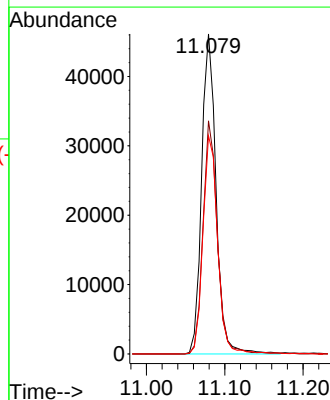
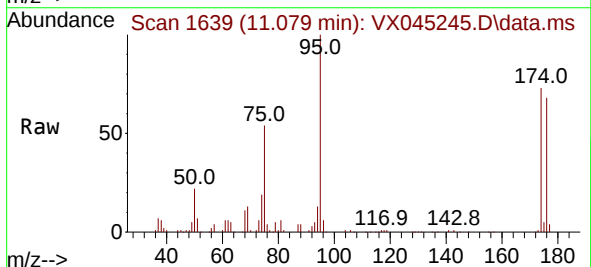
Instrument :
MSVOA_X
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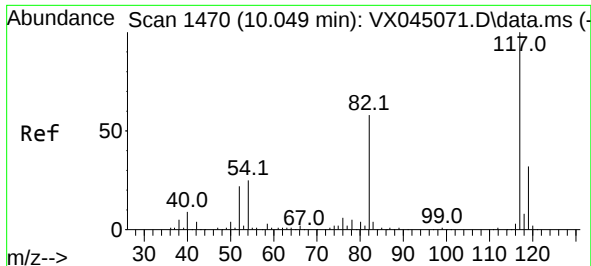
Tgt Ion: 98 Resp: 172842
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

Tgt Ion: 95 Resp: 58911
Ion Ratio Lower Upper
95 100
174 72.7 0.0 148.2
176 69.8 0.0 141.4

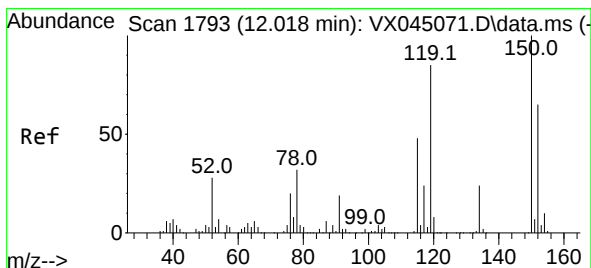
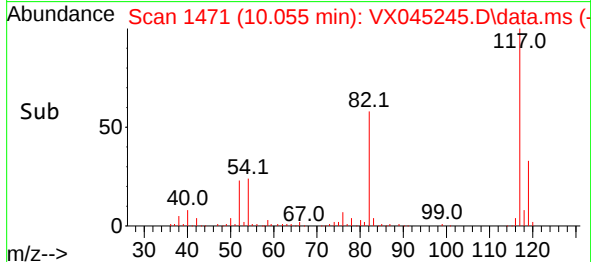
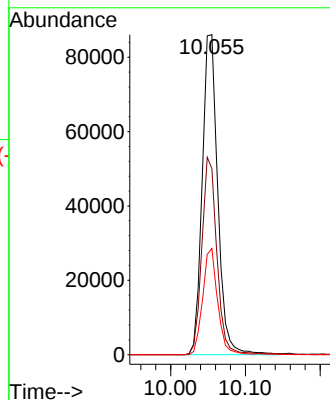
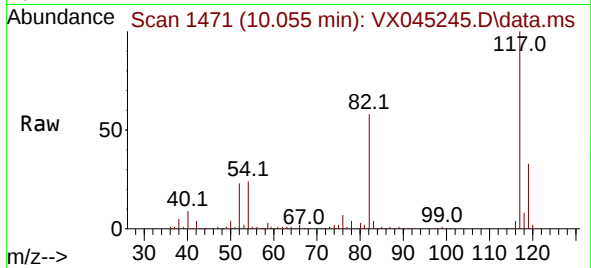




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 124772
Ion Ratio Lower Upper
117 100
82 58.2 46.3 69.5
119 33.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045245.D
Acq: 12 Mar 2025 13:48

Tgt Ion:152 Resp: 53121
Ion Ratio Lower Upper
152 100
115 62.6 44.2 132.6
150 160.2 0.0 349.0

