

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045240.D
 Acq On : 12 Mar 2025 11:49
 Operator : JC/MD
 Sample : VX0312WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBL01

Quant Time: Mar 13 01:37:46 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	62202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54194	54.774	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.540%
35) Dibromofluoromethane	5.385	113	43283	52.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.400%
50) Toluene-d8	8.647	98	155076	51.585	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.180%
62) 4-Bromofluorobenzene	11.079	95	50744	50.939	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.880%

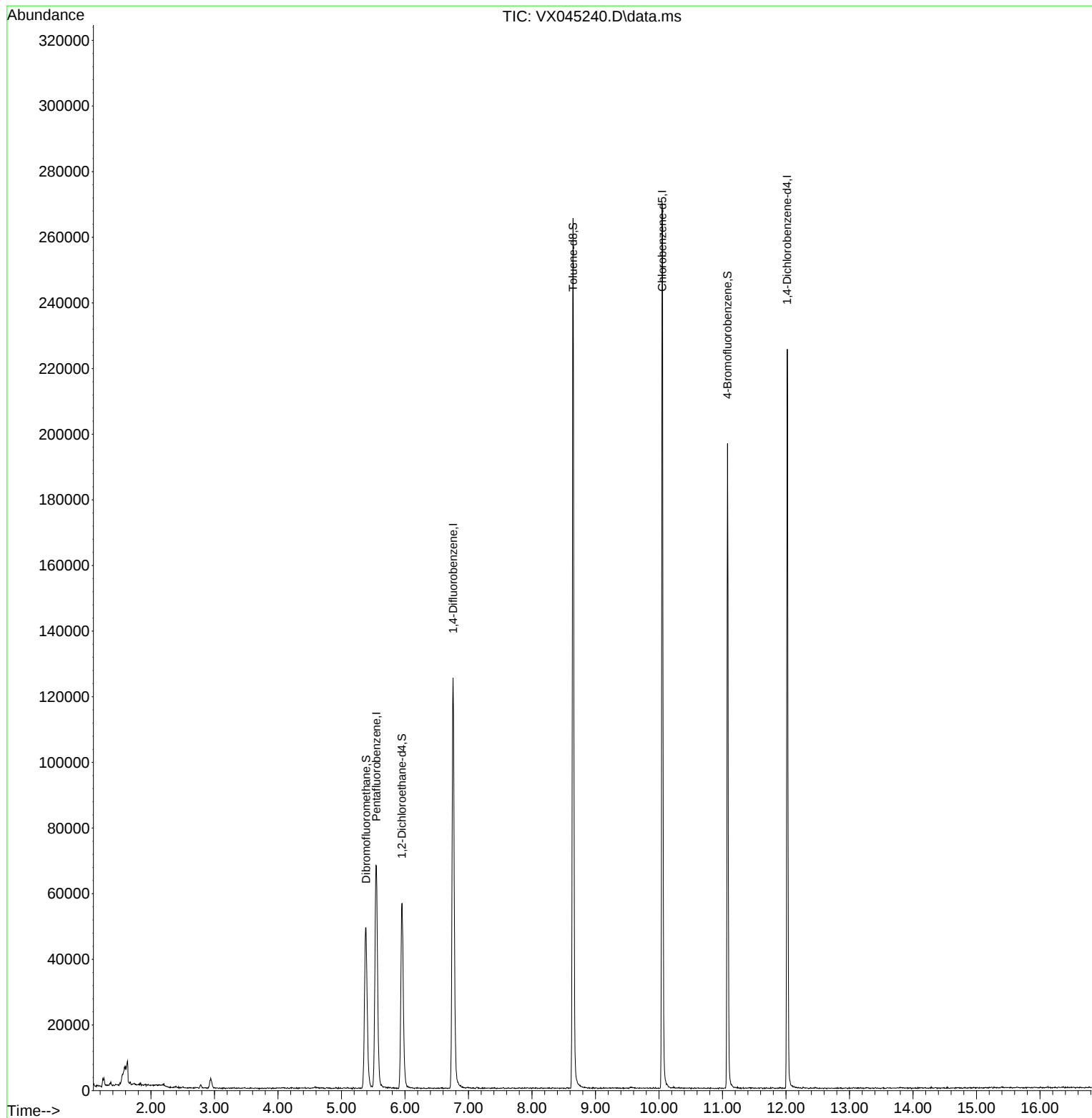
Target Compounds	Qvalue

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

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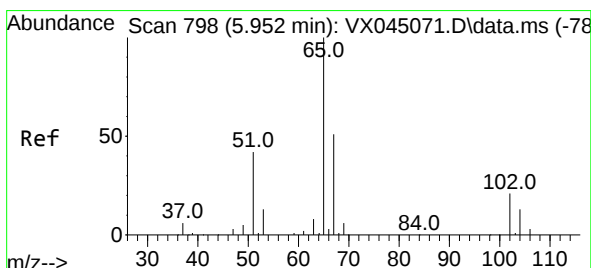
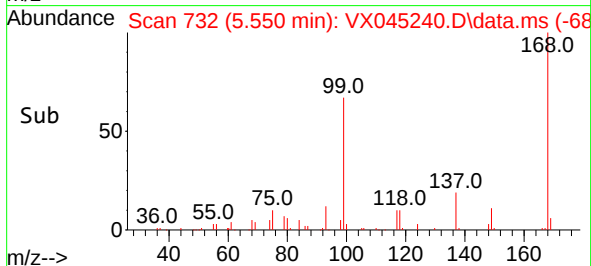
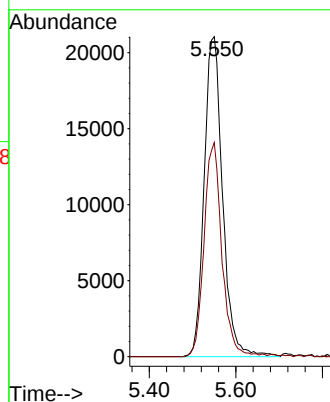
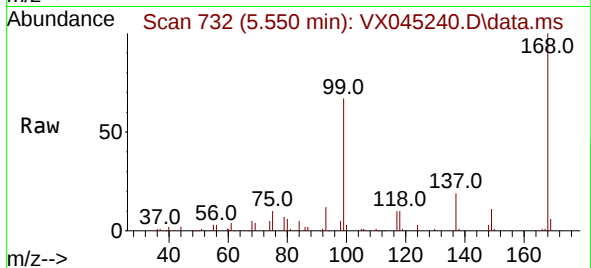




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

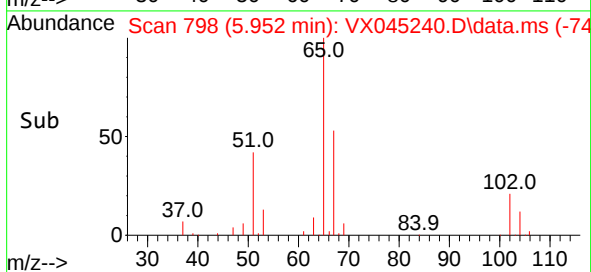
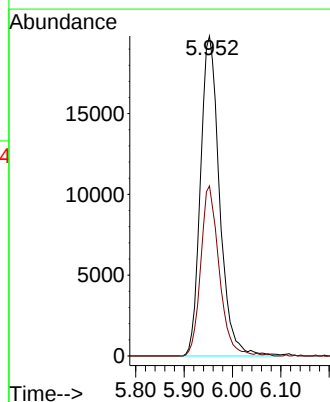
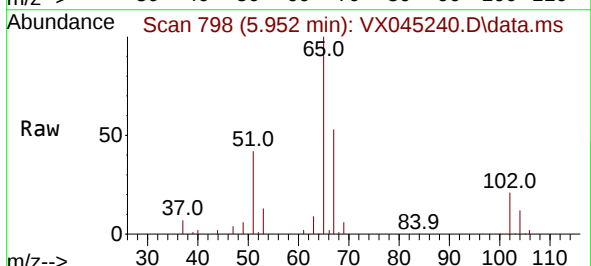
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

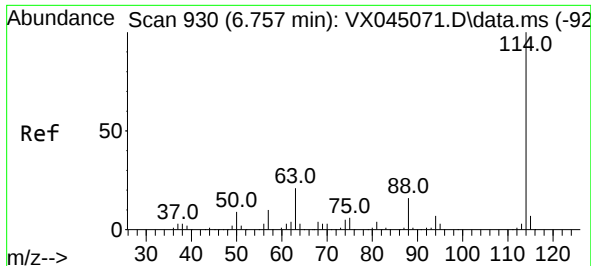
Tgt Ion:168 Resp: 62202
Ion Ratio Lower Upper
168 100
99 66.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.774 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

Tgt Ion: 65 Resp: 54194
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.2

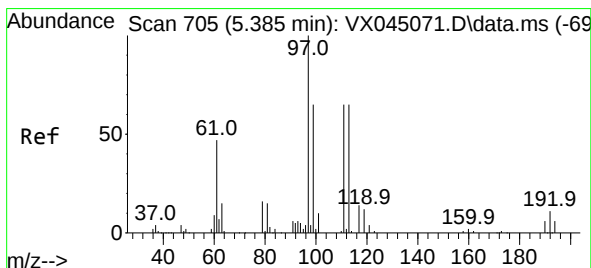
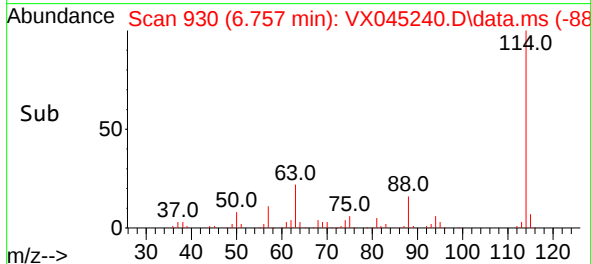
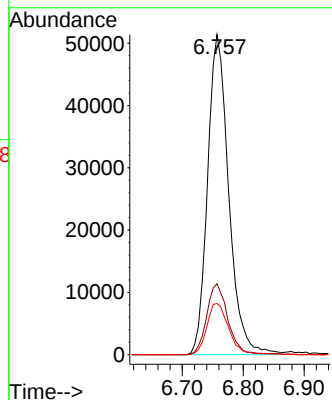
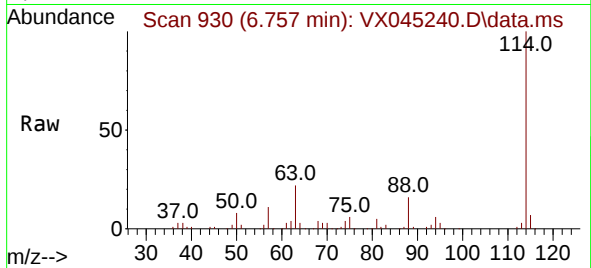




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045240.D
 Acq: 12 Mar 2025 11:49

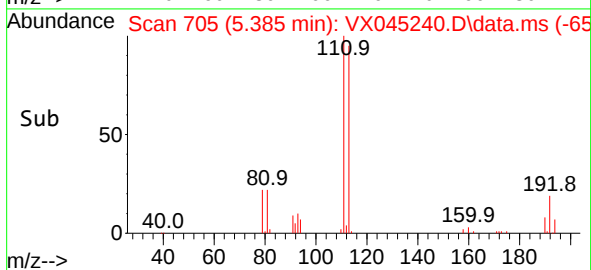
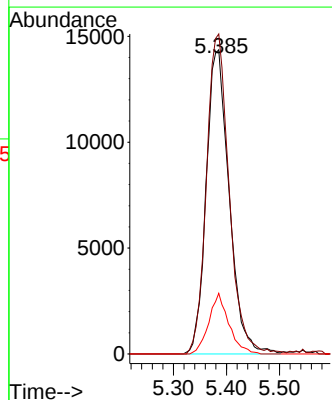
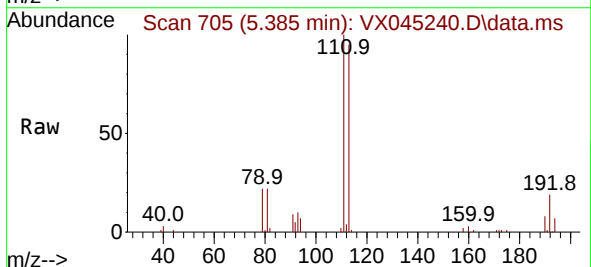
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBL01

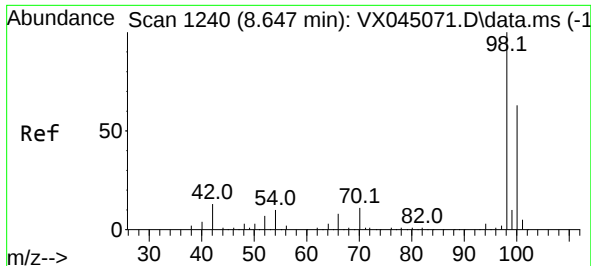
Tgt Ion:114 Resp: 124010
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 41.8
 88 16.0 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 52.197 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX045240.D
 Acq: 12 Mar 2025 11:49

Tgt Ion:113 Resp: 43283
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.6
 192 17.4 14.3 21.5

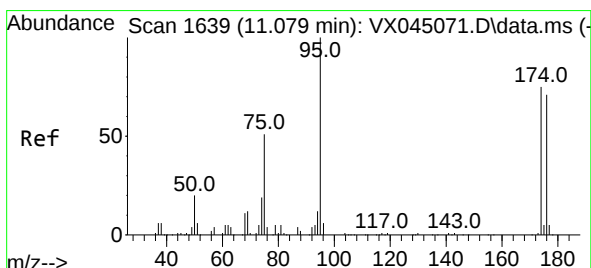
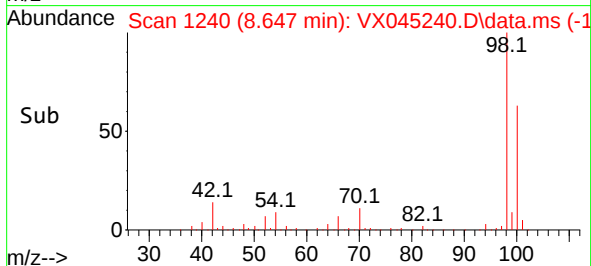
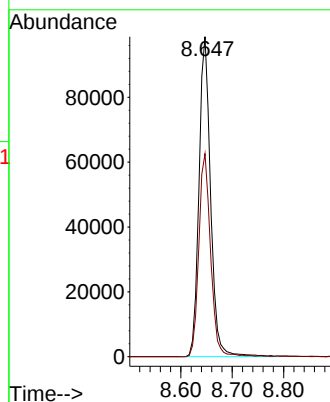
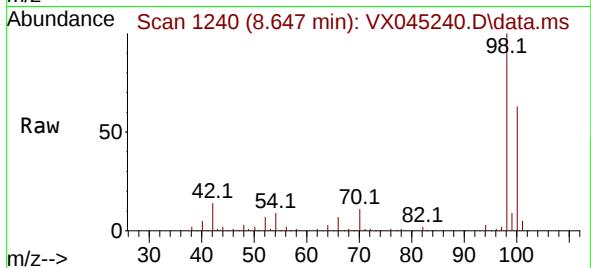




#50
Toluene-d8
Concen: 51.585 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

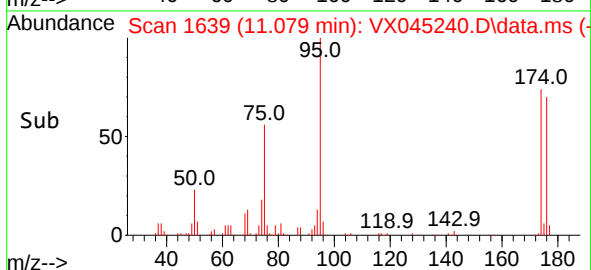
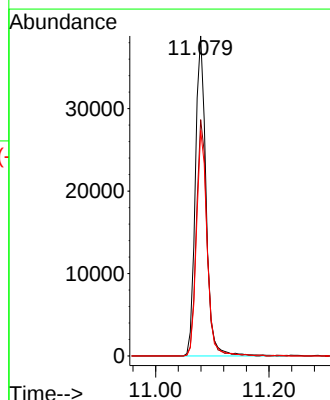
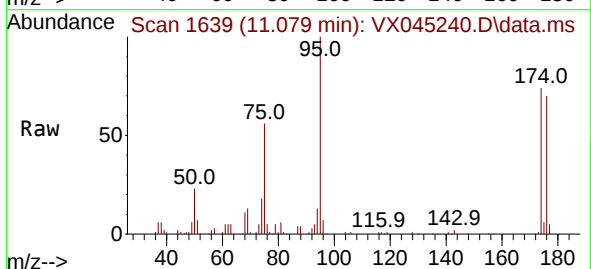
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

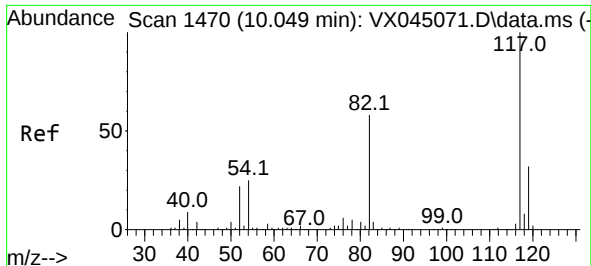
Tgt Ion: 98 Resp: 155076
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.939 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

Tgt Ion: 95 Resp: 50744
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.2
176 70.1 0.0 141.4

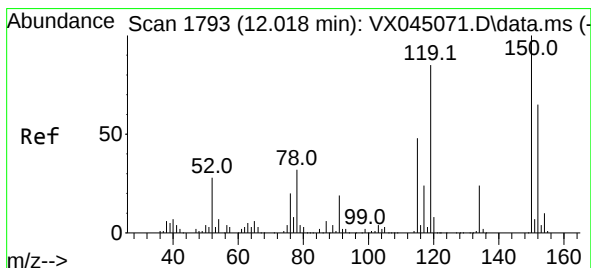
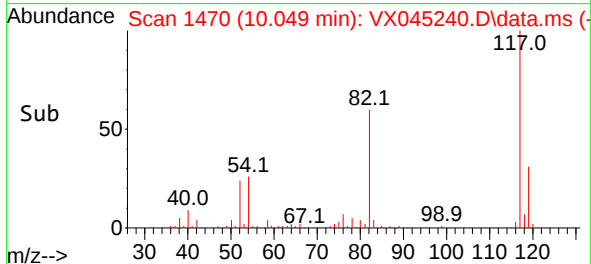
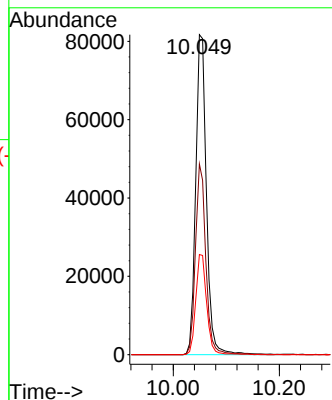
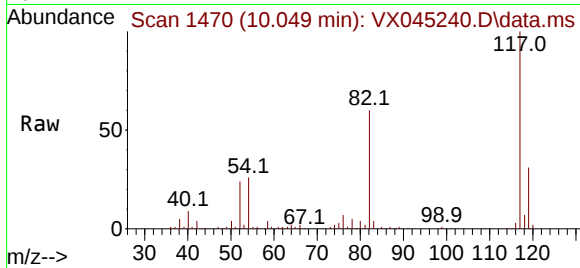




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

Tgt Ion:117 Resp: 114608
Ion Ratio Lower Upper
117 100
82 59.6 46.3 69.5
119 31.3 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: VX045240.D
Acq: 12 Mar 2025 11:49

Tgt Ion:152 Resp: 43950
Ion Ratio Lower Upper
152 100
115 61.2 44.2 132.6
150 153.8 0.0 349.0

