

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045259.D
 Acq On : 13 Mar 2025 11:15
 Operator : JC/MD
 Sample : VX0313WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBL01

Quant Time: Mar 14 12:27:01 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	5.544	168	67746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51498	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59038	54.787	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.580%
35) Dibromofluoromethane	5.379	113	47167	52.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.600%
50) Toluene-d8	8.647	98	166229	51.331	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.660%
62) 4-Bromofluorobenzene	11.079	95	58888	54.877	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.760%

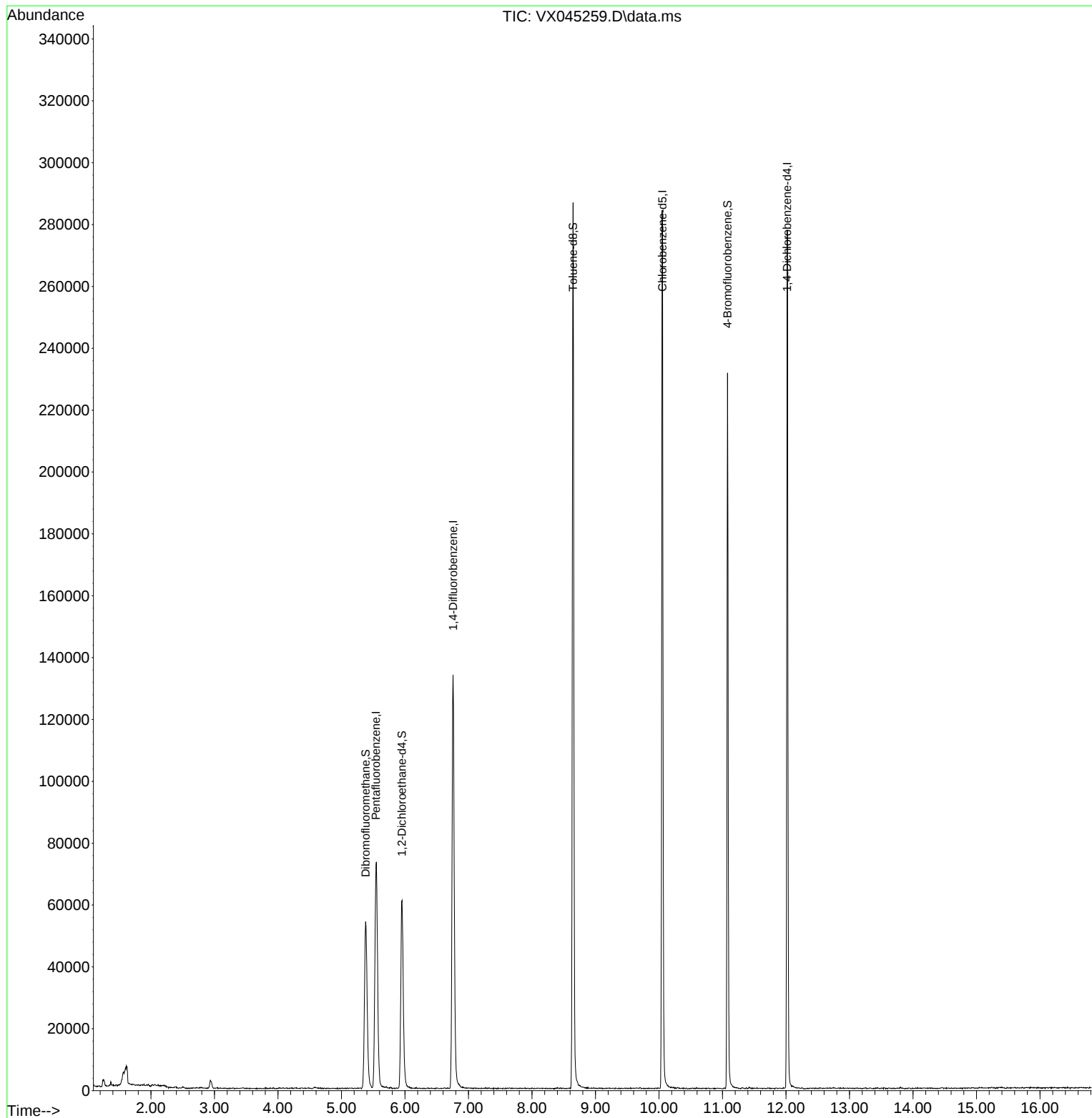
Target Compounds	Qvalue

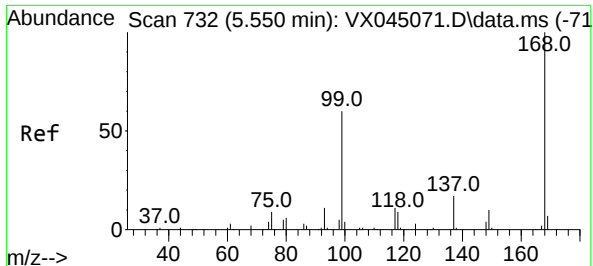
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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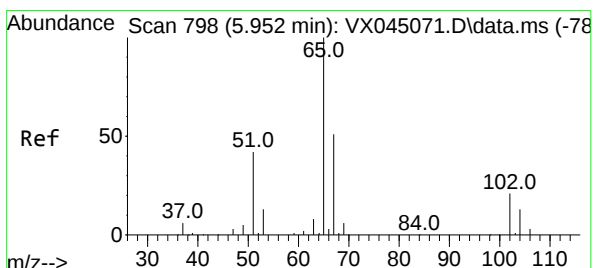
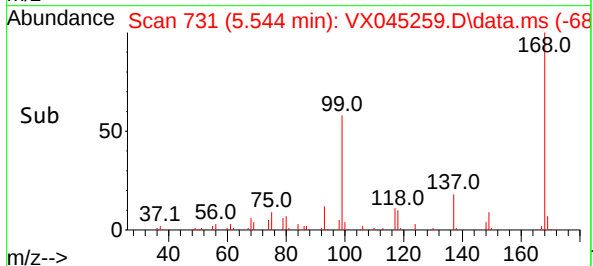
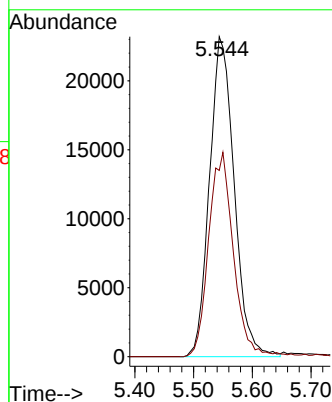
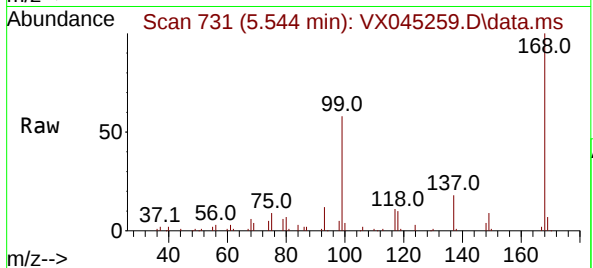




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

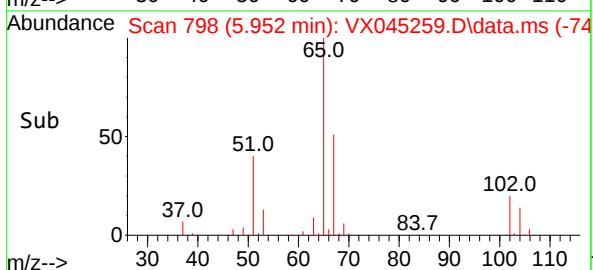
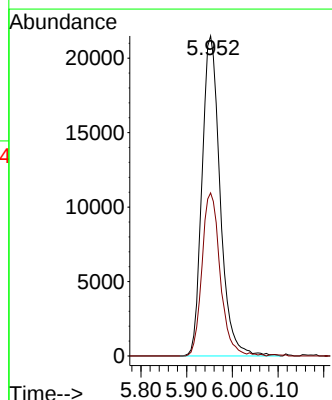
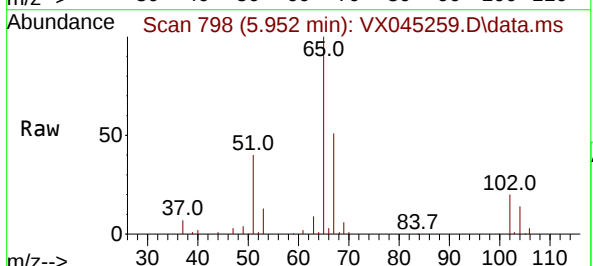
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBL01

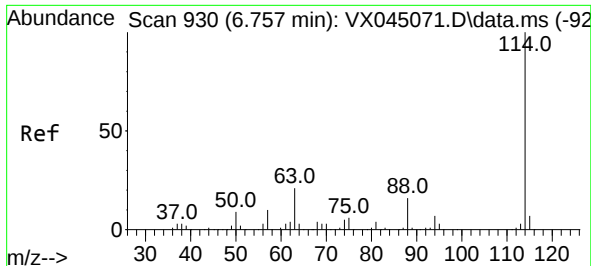
Tgt Ion:168 Resp: 67746
Ion Ratio Lower Upper
168 100
99 58.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.787 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

Tgt Ion: 65 Resp: 59038
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.2

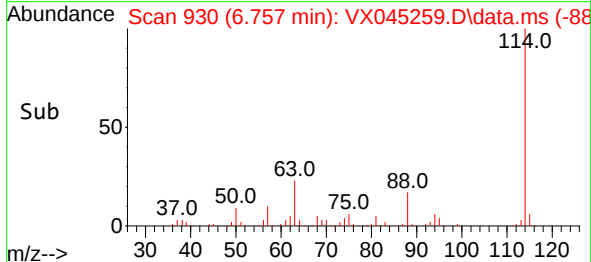
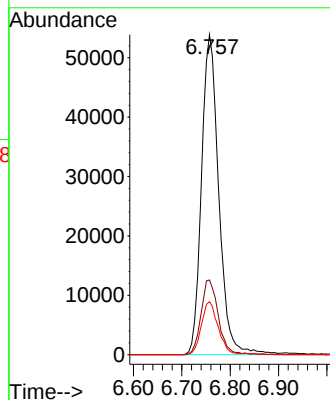
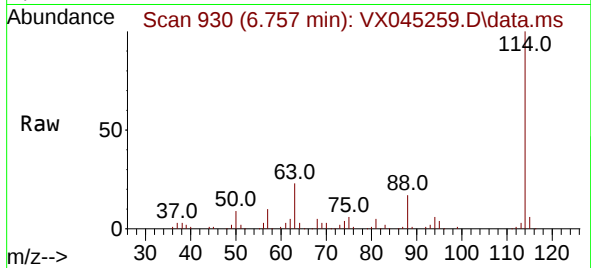




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

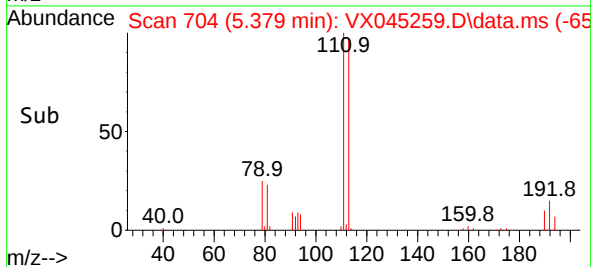
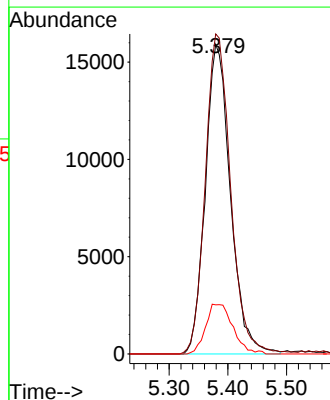
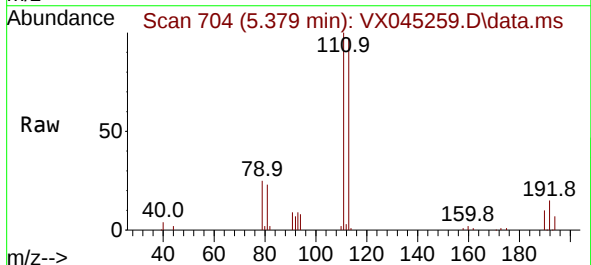
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBL01

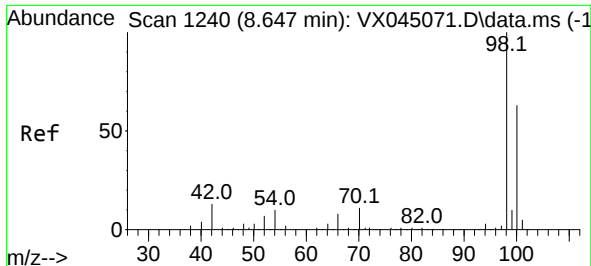
Tgt Ion:114 Resp: 133586
Ion Ratio Lower Upper
114 100
63 23.3 0.0 41.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.804 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

Tgt Ion:113 Resp: 47167
Ion Ratio Lower Upper
113 100
111 104.5 81.8 122.6
192 17.5 14.3 21.5

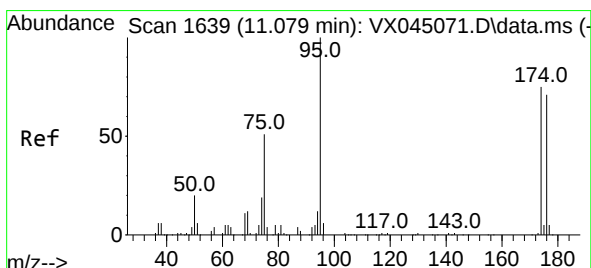
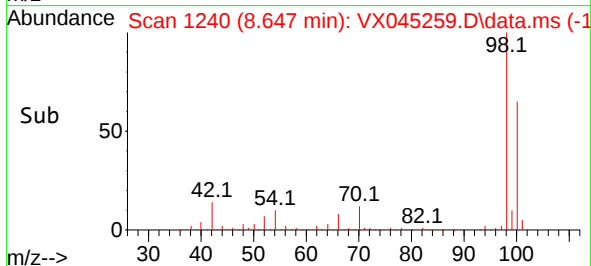
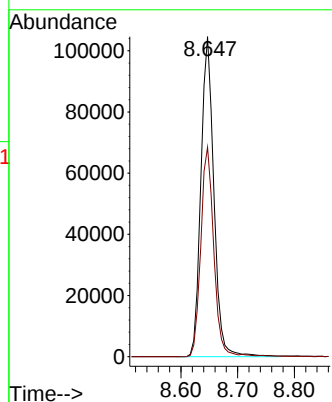
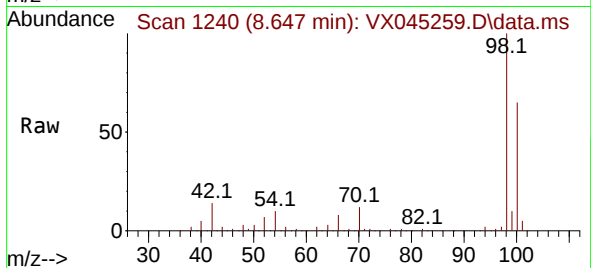




#50
Toluene-d8
Concen: 51.331 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

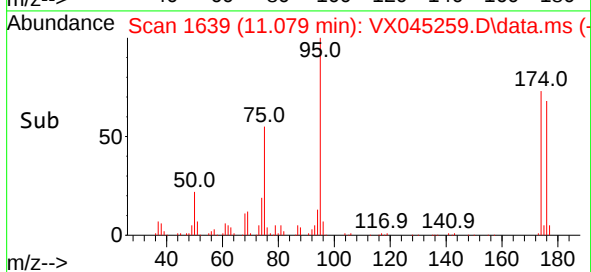
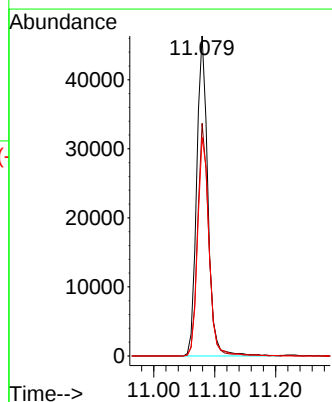
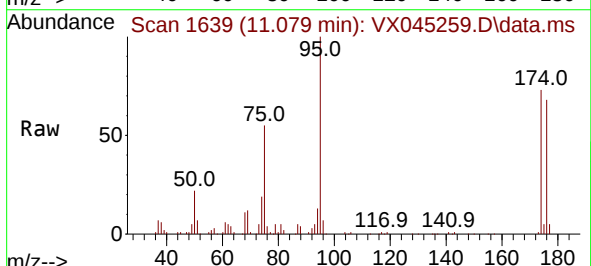
Instrument :
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VX0313WBL01

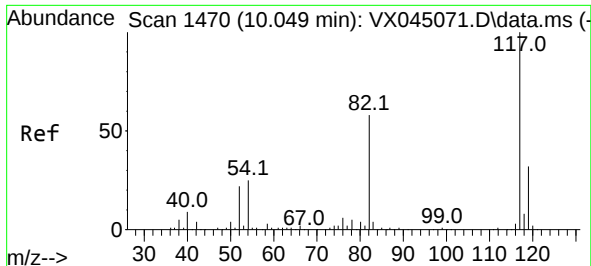
Tgt Ion: 98 Resp: 166229
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.877 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

Tgt Ion: 95 Resp: 58888
Ion Ratio Lower Upper
95 100
174 72.1 0.0 148.2
176 69.9 0.0 141.4

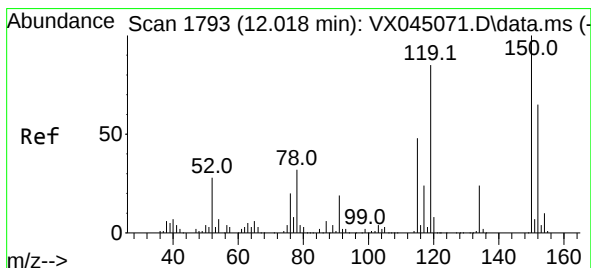
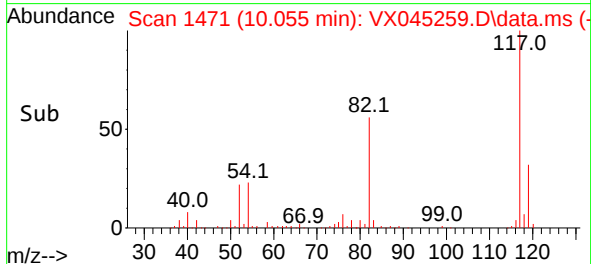
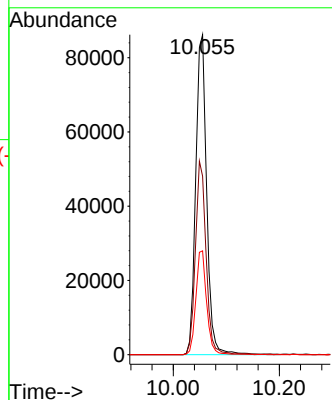
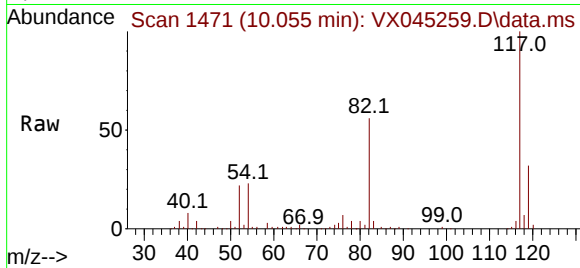




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBL01

Tgt Ion:117 Resp: 123621
Ion Ratio Lower Upper
117 100
82 55.8 46.3 69.5
119 32.5 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: VX045259.D
Acq: 13 Mar 2025 11:15

Tgt Ion:152 Resp: 51498
Ion Ratio Lower Upper
152 100
115 62.9 44.2 132.6
150 159.8 0.0 349.0

