

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044803.D
 Acq On : 03 Feb 2025 10:21
 Operator : JC/MD
 Sample : VX0203MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203MBL01

Quant Time: Feb 04 02:05:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	123890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	248943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	222759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95191	50.904	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.800%
35) Dibromofluoromethane	5.373	113	78819	49.838	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.680%
50) Toluene-d8	8.641	98	306245	55.536	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.080%
62) 4-Bromofluorobenzene	11.079	95	107999	52.537	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.080%

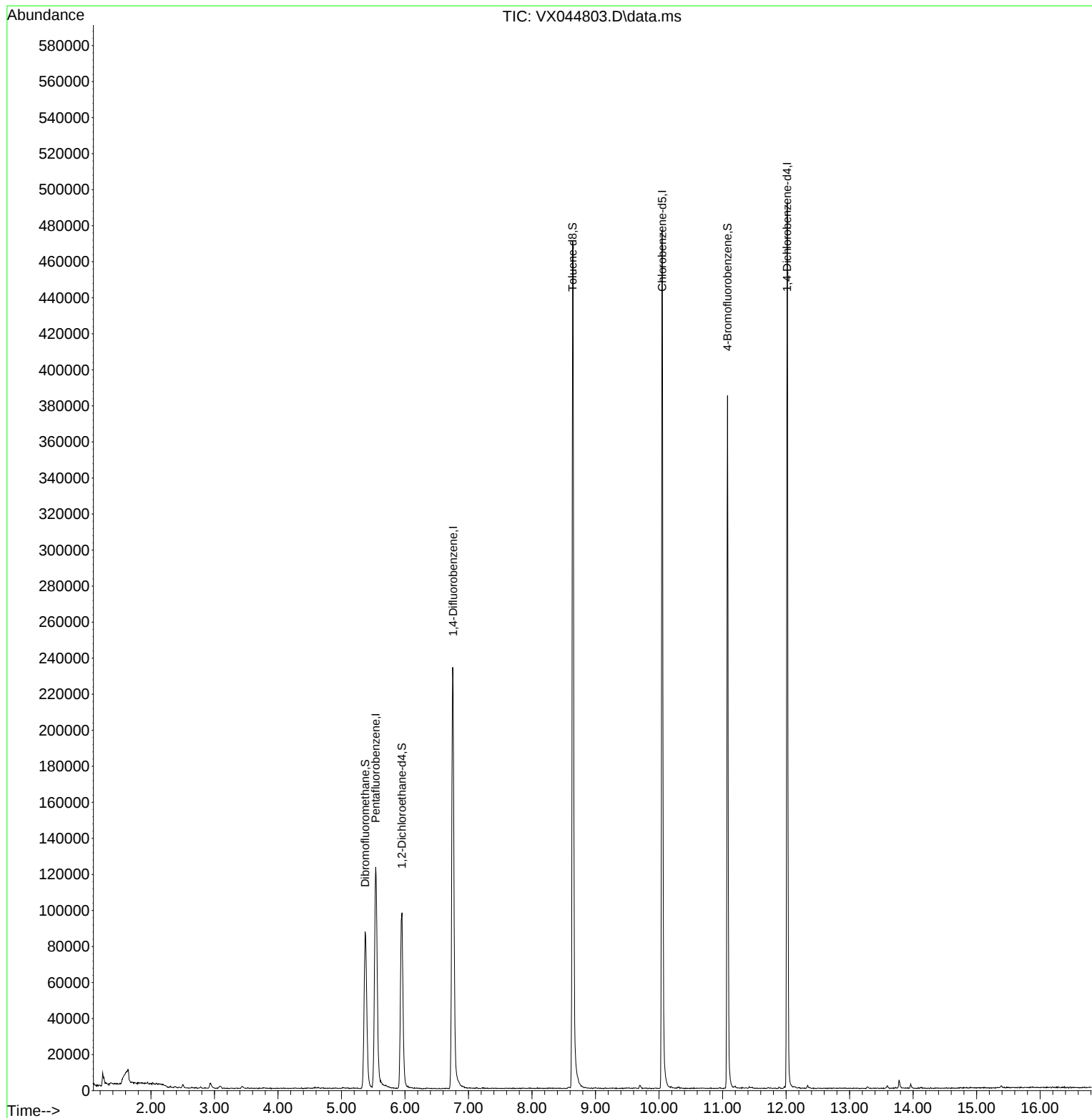
Target Compounds	Qvalue

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

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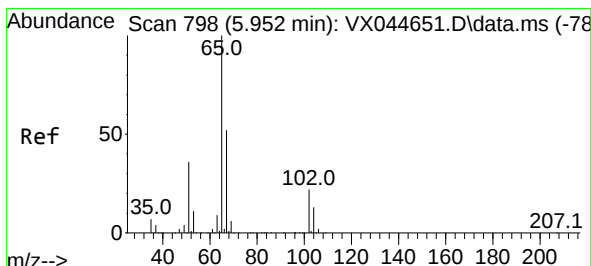
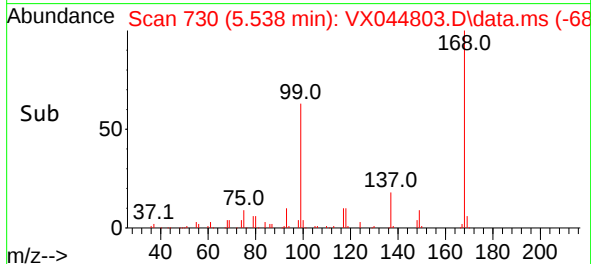
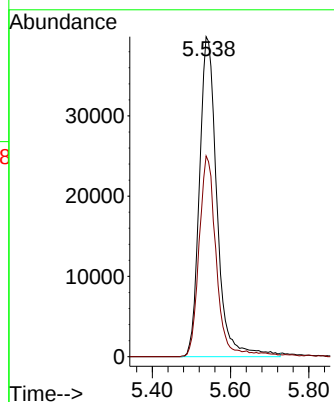
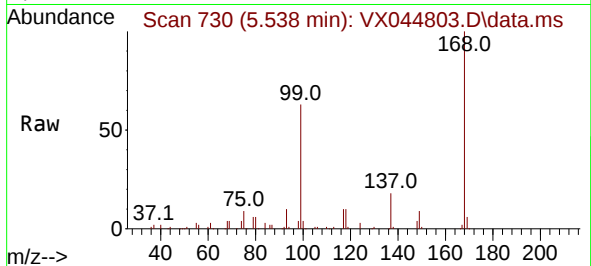




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044803.D
Acq: 03 Feb 2025 10:21

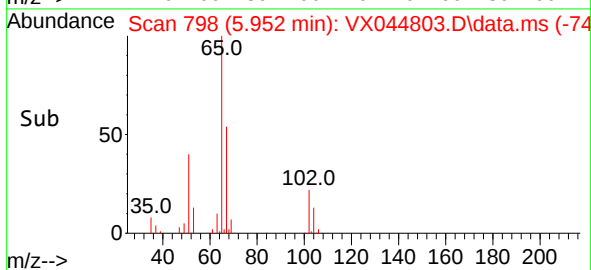
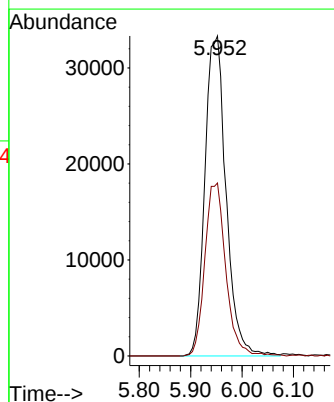
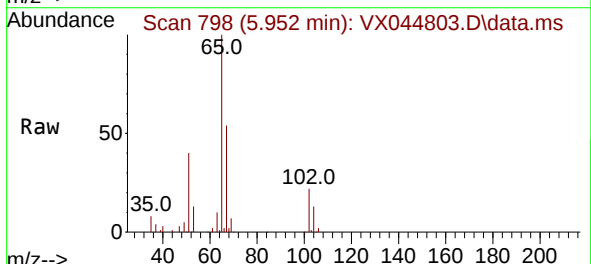
Instrument :
MSVOA_X
ClientSampleId :
VX0203MBL01

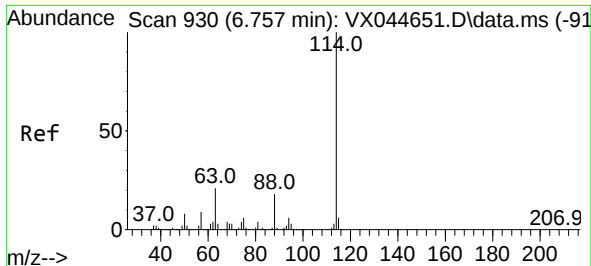
Tgt Ion:168 Resp: 123890
Ion Ratio Lower Upper
168 100
99 62.7 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 50.904 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044803.D
Acq: 03 Feb 2025 10:21

Tgt Ion: 65 Resp: 95191
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.4

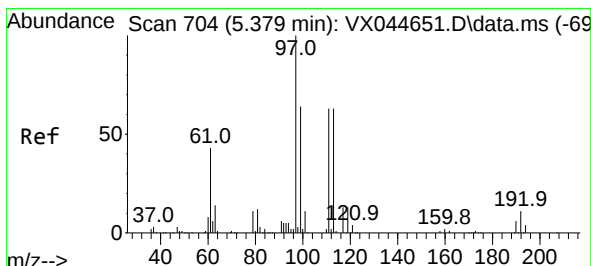
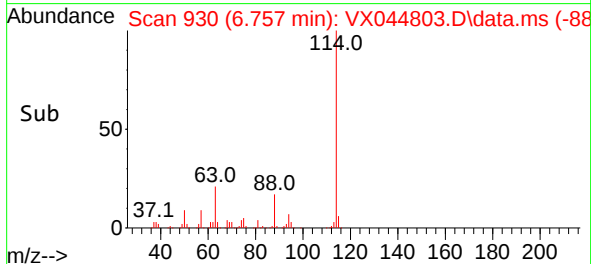
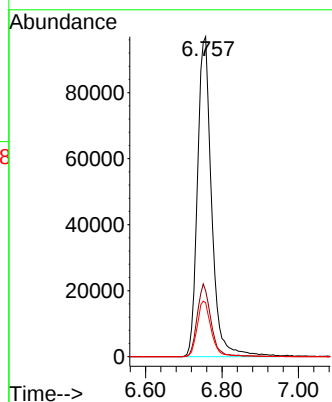
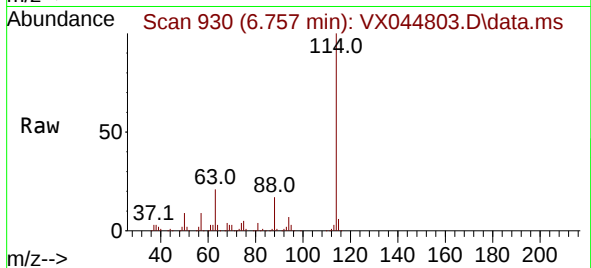




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044803.D
Acq: 03 Feb 2025 10:21

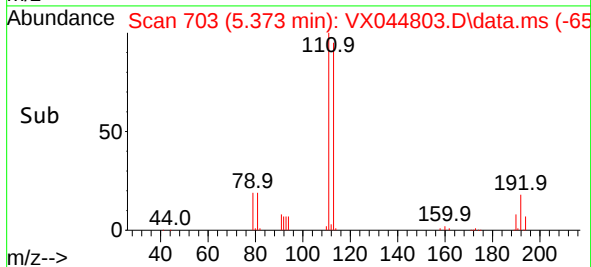
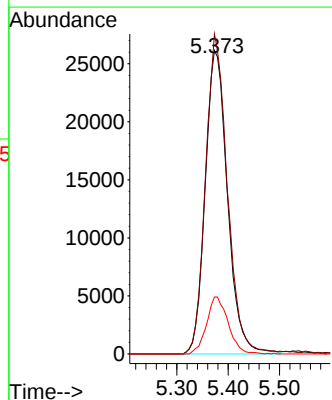
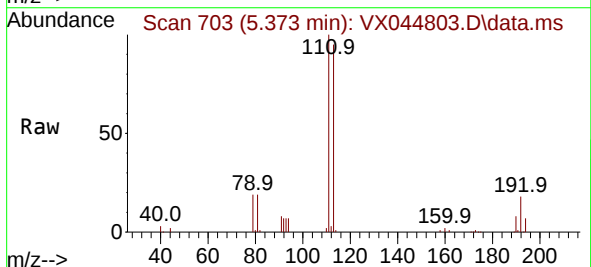
Instrument :
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ClientSampleId :
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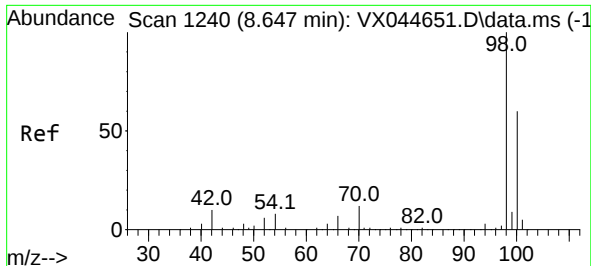
Tgt Ion:114 Resp: 248943
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.0
88 16.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 49.838 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044803.D
Acq: 03 Feb 2025 10:21

Tgt Ion:113 Resp: 78819
Ion Ratio Lower Upper
113 100
111 103.9 81.6 122.4
192 18.2 14.4 21.6

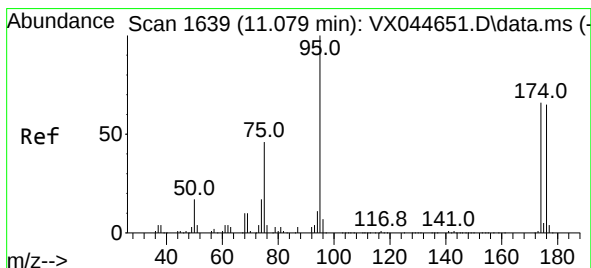
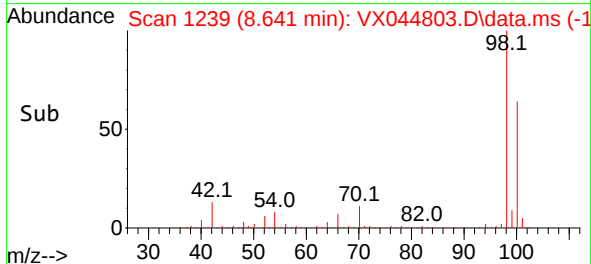
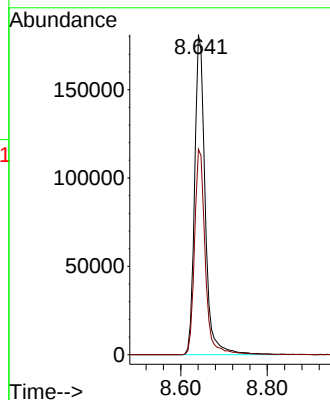
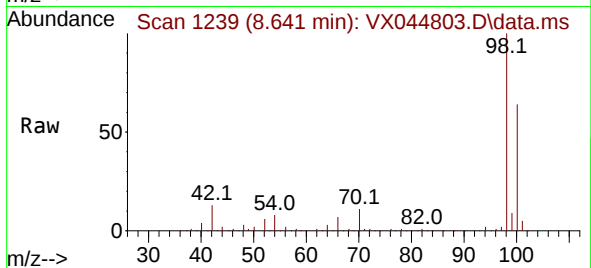




#50
Toluene-d8
Concen: 55.536 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044803.D
Acq: 03 Feb 2025 10:21

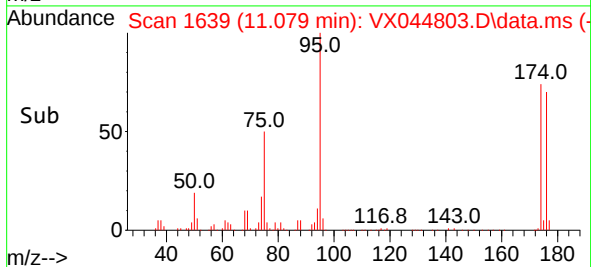
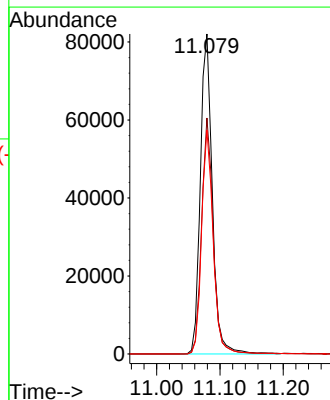
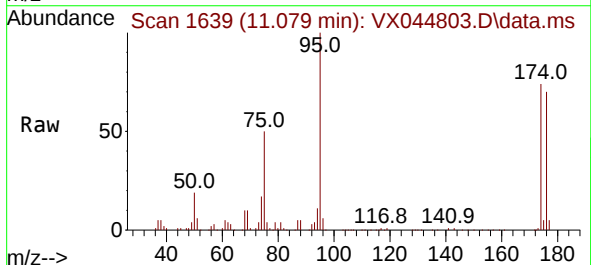
Instrument :
MSVOA_X
ClientSampleId :
VX0203MBL01

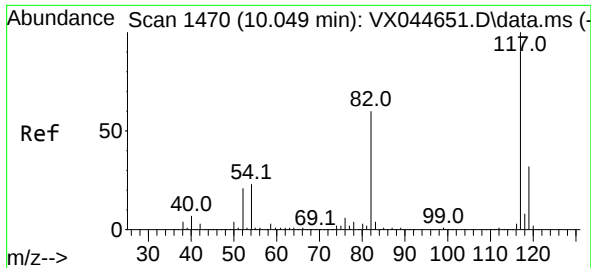
Tgt Ion: 98 Resp: 306245
Ion Ratio Lower Upper
98 100
100 65.2 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 52.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044803.D
Acq: 03 Feb 2025 10:21

Tgt Ion: 95 Resp: 107999
Ion Ratio Lower Upper
95 100
174 71.9 0.0 133.0
176 68.0 0.0 129.4

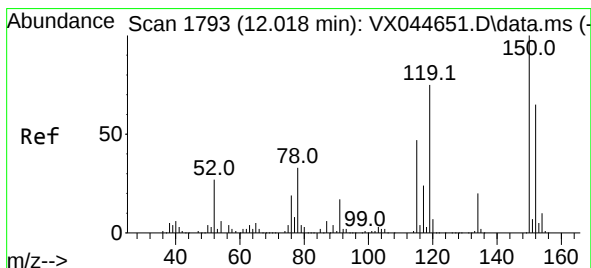
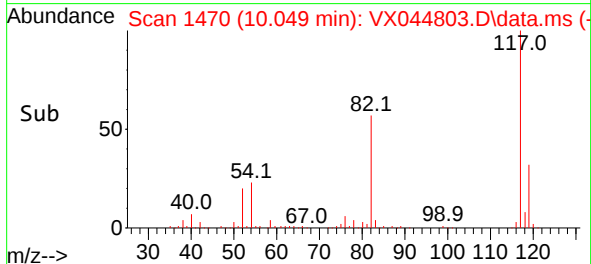
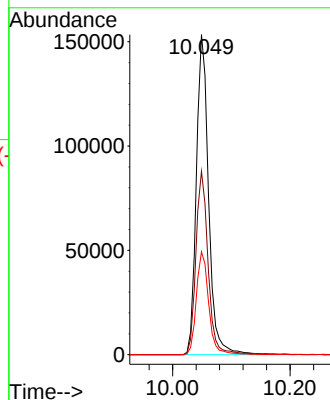
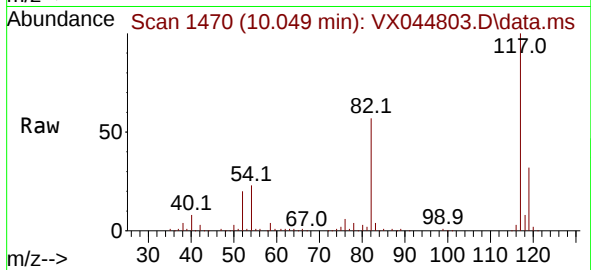




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044803.D
Acq: 03 Feb 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0203MBL01

Tgt Ion:117 Resp: 222759
Ion Ratio Lower Upper
117 100
82 57.4 47.6 71.4
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044803.D
Acq: 03 Feb 2025 10:21

Tgt Ion:152 Resp: 100227
Ion Ratio Lower Upper
152 100
115 61.1 43.8 131.4
150 155.1 0.0 347.8

