

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044895.D
 Acq On : 11 Feb 2025 11:00
 Operator : JC/MD
 Sample : VX0211WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBL01

Quant Time: Feb 12 02:37:48 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	5.544	168	98496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199075	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	183423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	77084	53.464	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.920%
35) Dibromofluoromethane	5.379	113	65973	50.971	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.940%
50) Toluene-d8	8.647	98	245936	50.249	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.500%
62) 4-Bromofluorobenzene	11.079	95	86470	52.406	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.820%

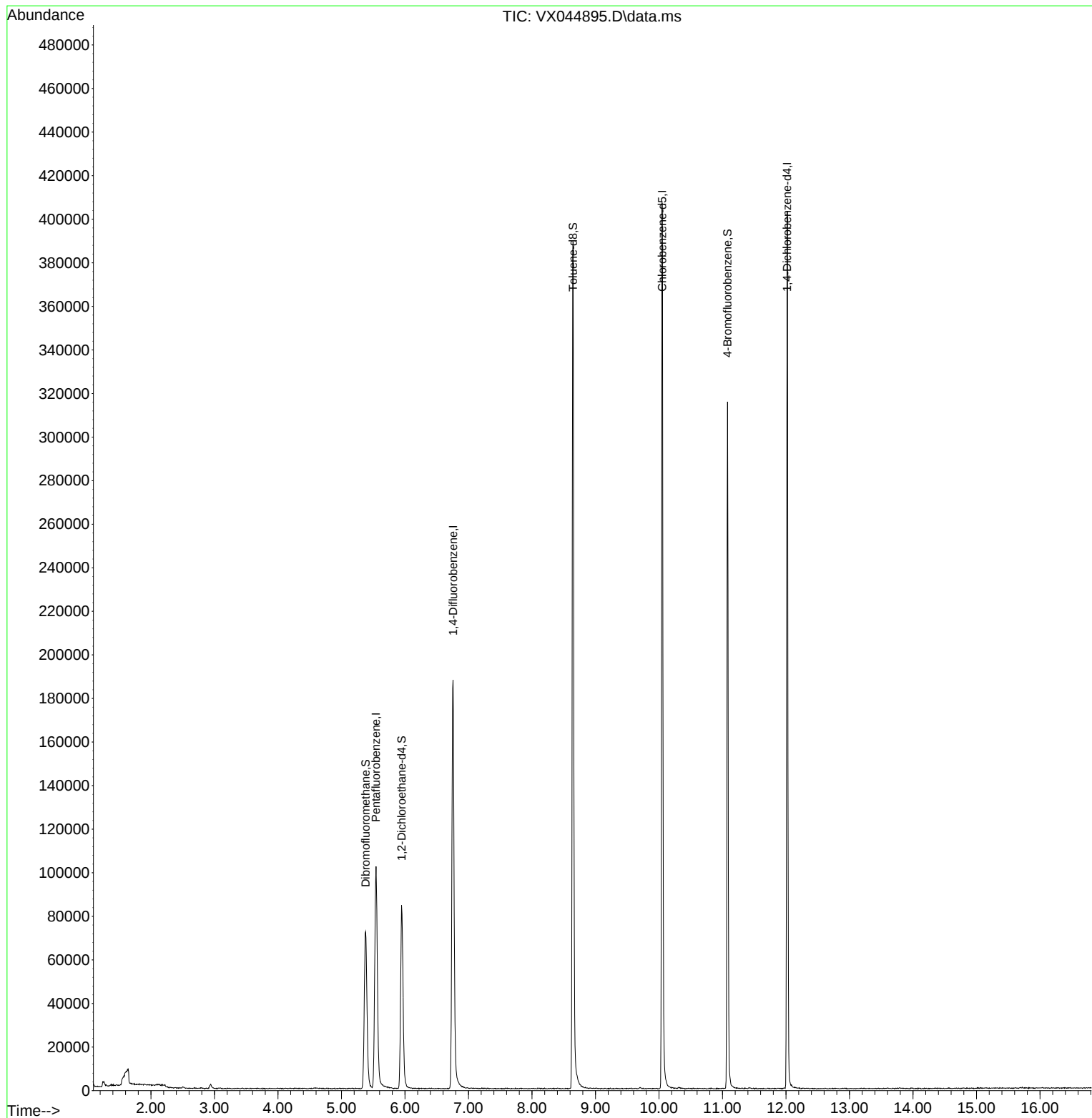
Target Compounds	Qvalue

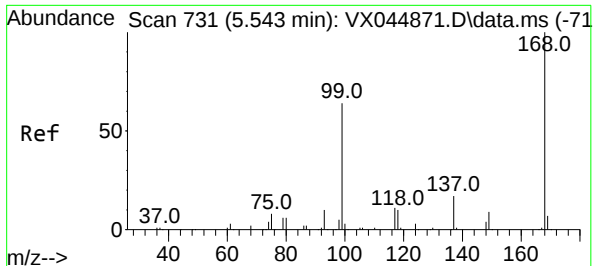
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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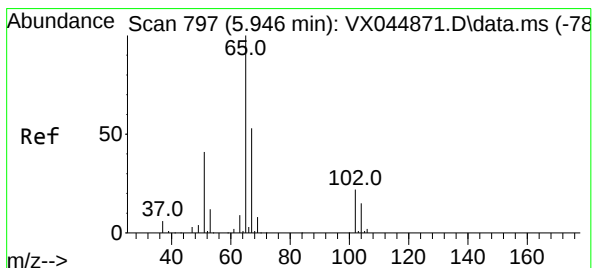
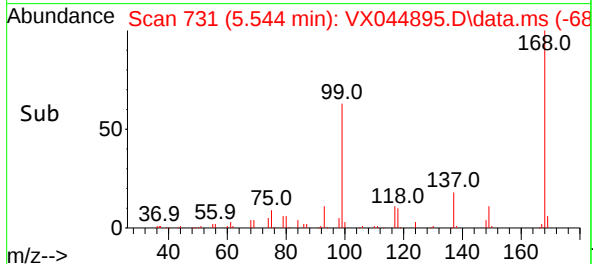
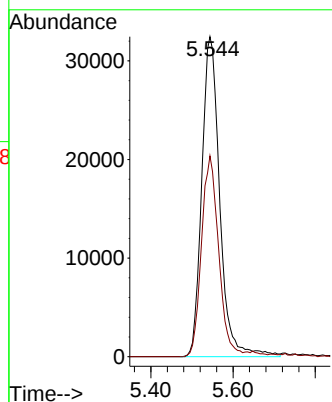
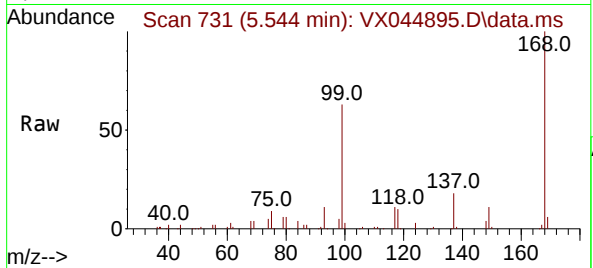




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044895.D
Acq: 11 Feb 2025 11:00

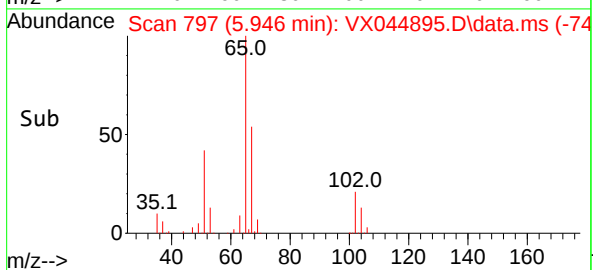
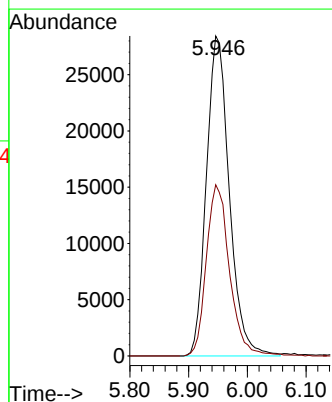
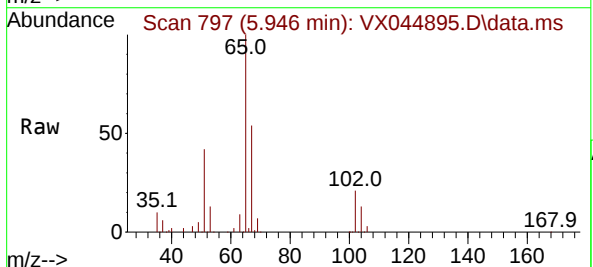
Instrument :
MSVOA_X
ClientSampleId :
VX0211WBL01

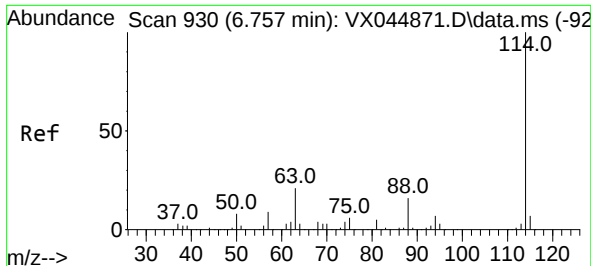
Tgt Ion:168 Resp: 98496
Ion Ratio Lower Upper
168 100
99 62.7 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 53.464 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044895.D
Acq: 11 Feb 2025 11:00

Tgt Ion: 65 Resp: 77084
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.2

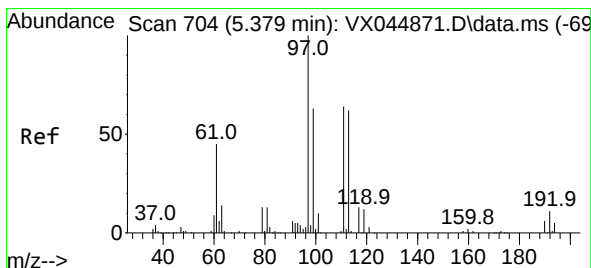
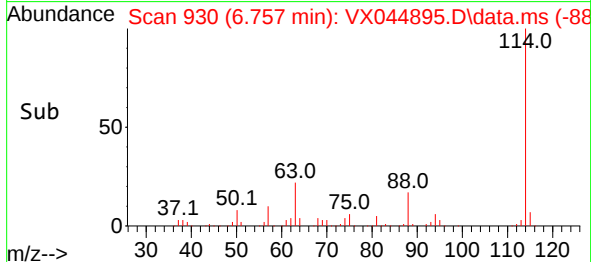
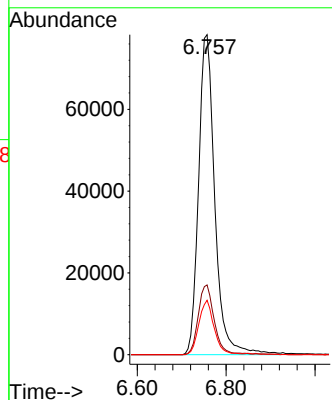
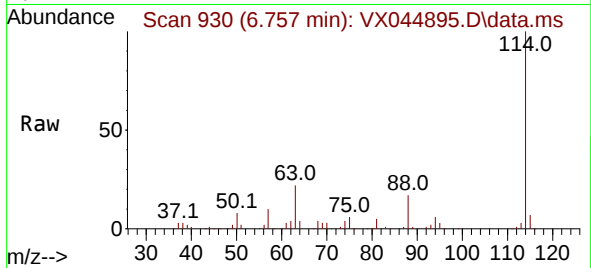




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX044895.D
 Acq: 11 Feb 2025 11:00

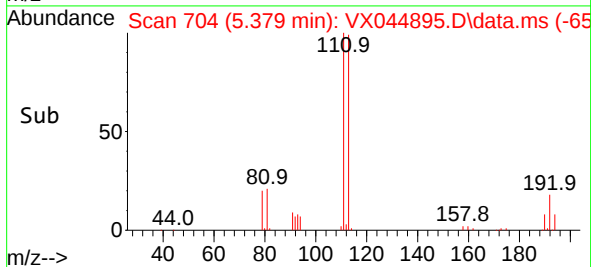
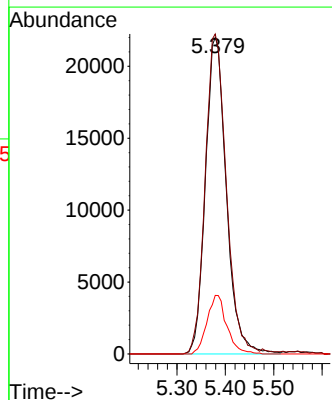
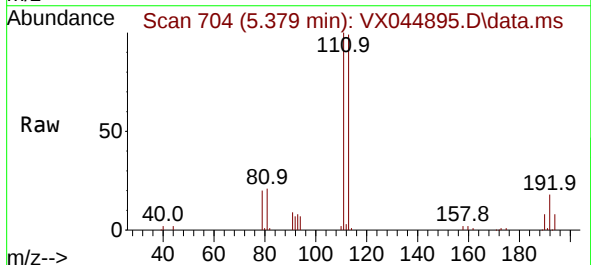
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBL01

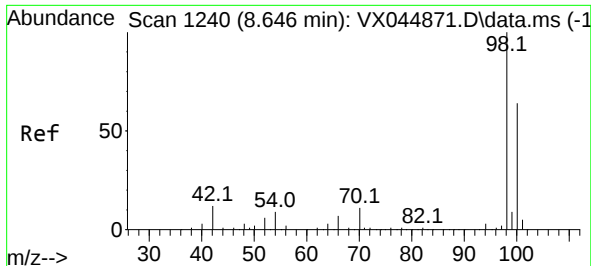
Tgt Ion:114 Resp: 199075
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 17.0 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 50.971 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX044895.D
 Acq: 11 Feb 2025 11:00

Tgt Ion:113 Resp: 65973
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.5 125.3
 192 17.5 14.4 21.6

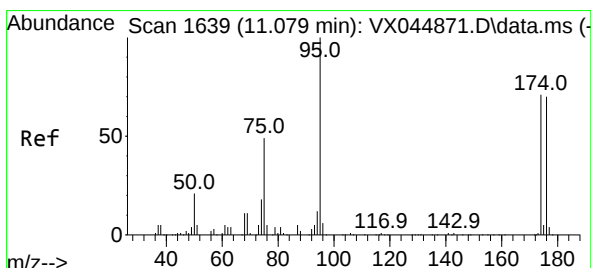
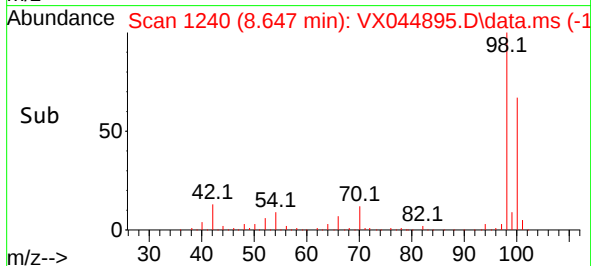
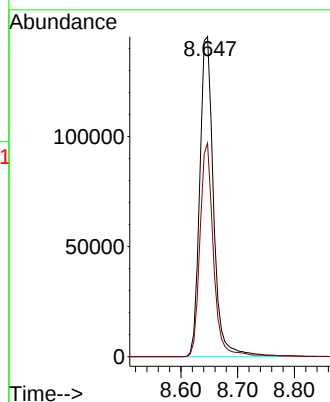
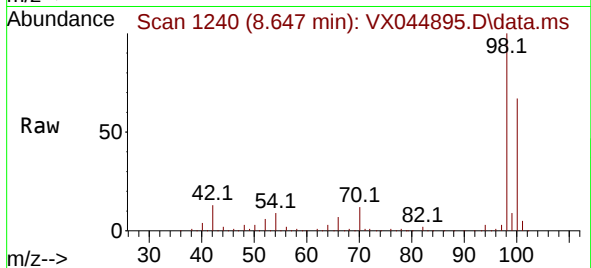




#50
Toluene-d8
Concen: 50.249 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044895.D
Acq: 11 Feb 2025 11:00

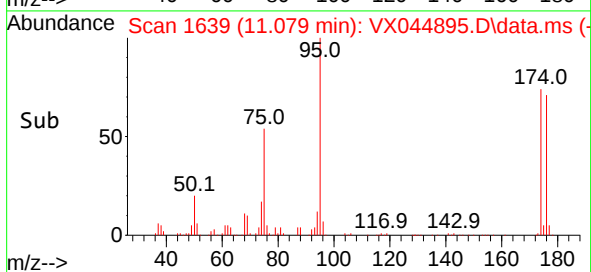
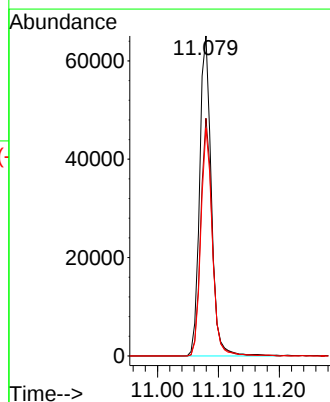
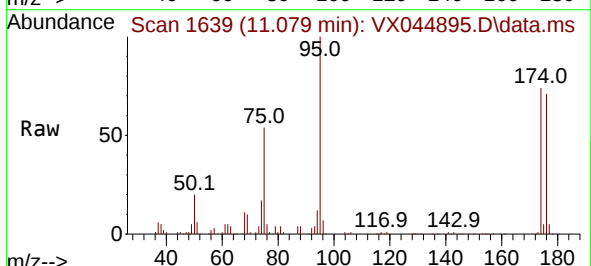
Instrument :
MSVOA_X
ClientSampleId :
VX0211WBL01

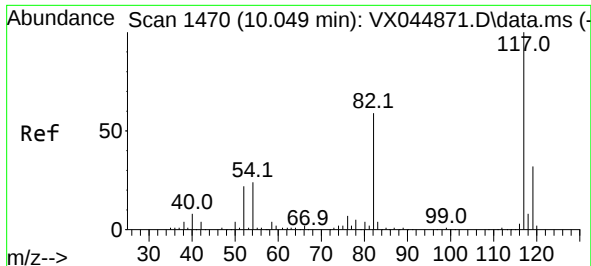
Tgt Ion: 98 Resp: 245936
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.406 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044895.D
Acq: 11 Feb 2025 11:00

Tgt Ion: 95 Resp: 86470
Ion Ratio Lower Upper
95 100
174 73.0 0.0 142.6
176 69.6 0.0 141.6

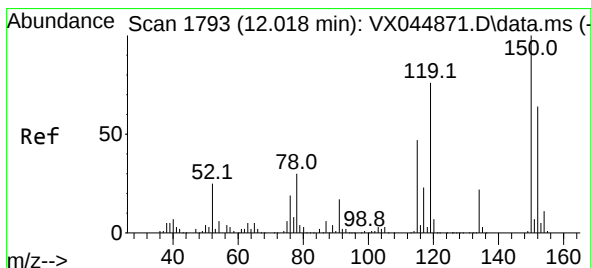
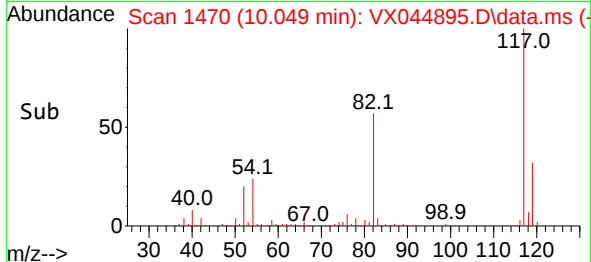
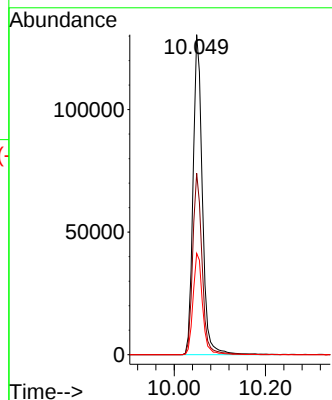
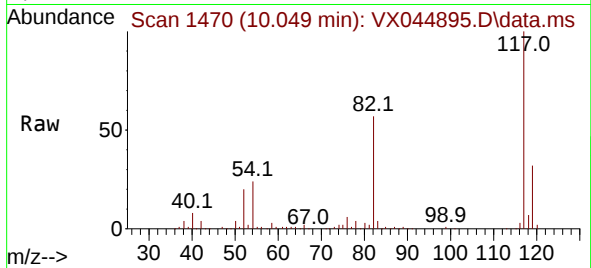




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044895.D
Acq: 11 Feb 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBL01

Tgt Ion:117 Resp: 183423
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044895.D
Acq: 11 Feb 2025 11:00

Tgt Ion:152 Resp: 79632
Ion Ratio Lower Upper
152 100
115 61.6 43.4 130.1
150 155.9 0.0 350.4

