

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
 Data File : VX044998.D
 Acq On : 19 Feb 2025 11:43
 Operator : JC/MD
 Sample : VX0219WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBL01

Quant Time: Feb 20 02:35:03 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	5.537	168	98956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	201046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	186227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85446	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79349	54.779	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.560%
35) Dibromofluoromethane	5.373	113	67771	51.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.700%
50) Toluene-d8	8.641	98	251891	50.961	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	11.079	95	89636	53.793	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.580%

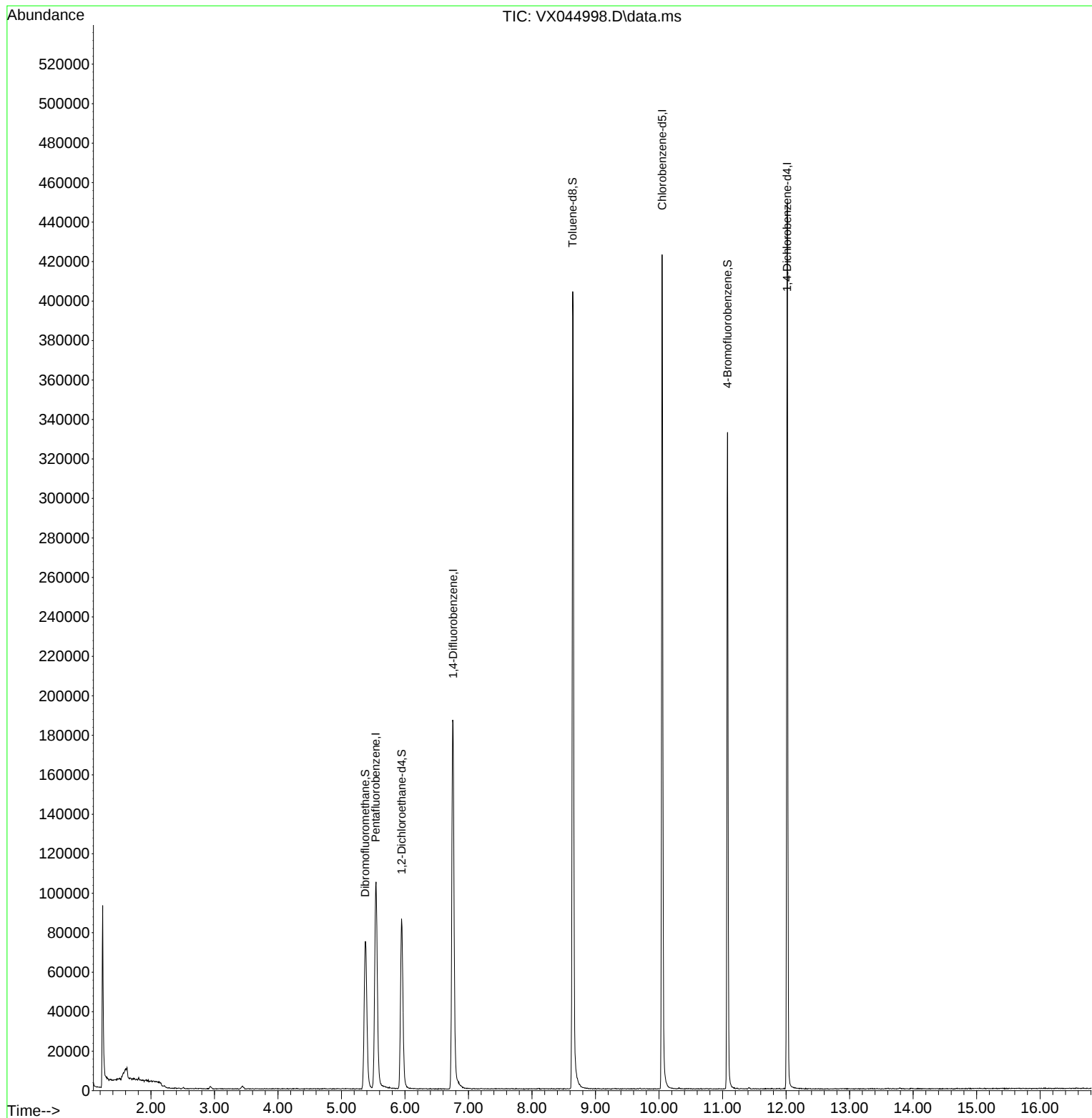
Target Compounds	Qvalue

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

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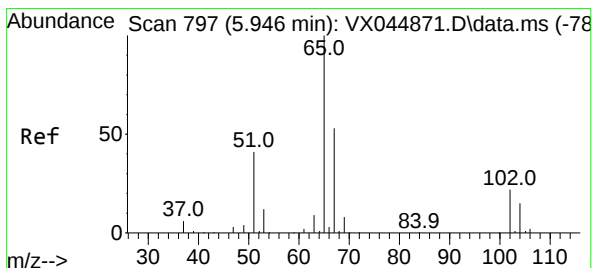
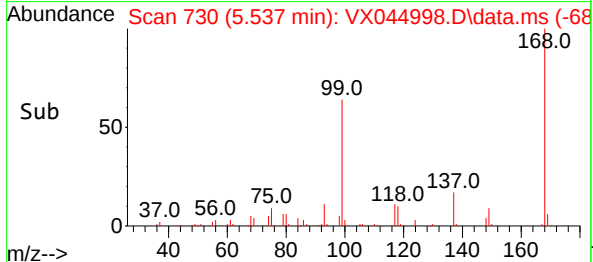
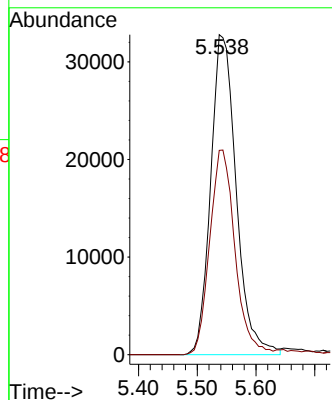
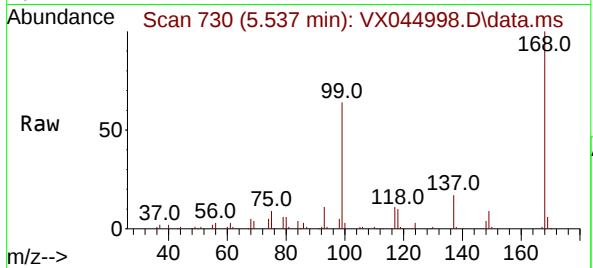




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.006 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

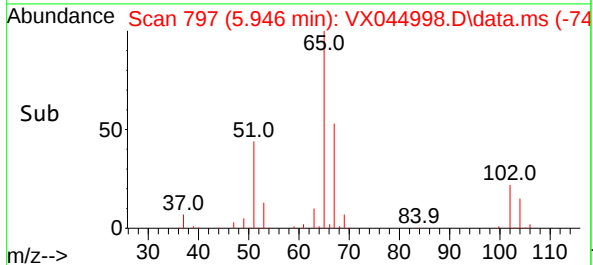
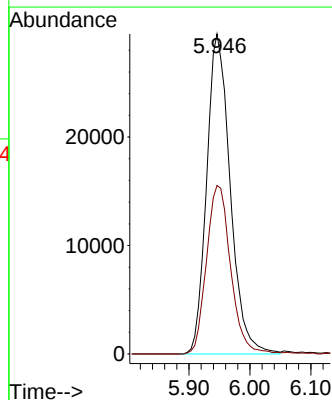
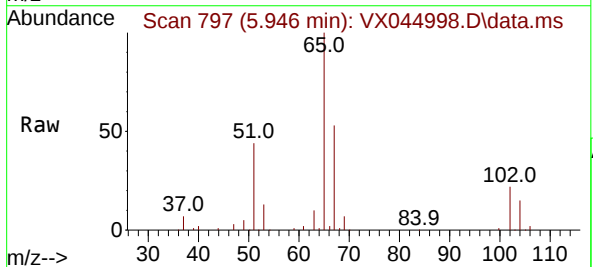
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBL01

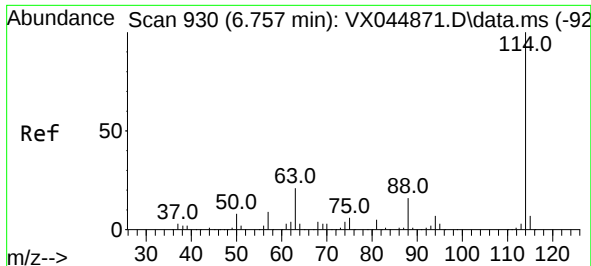
Tgt Ion:168 Resp: 98956
Ion Ratio Lower Upper
168 100
99 63.8 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 54.779 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

Tgt Ion: 65 Resp: 79349
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.2

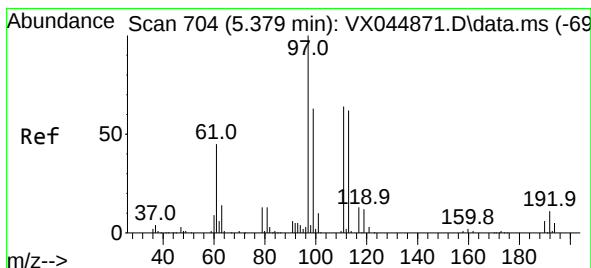
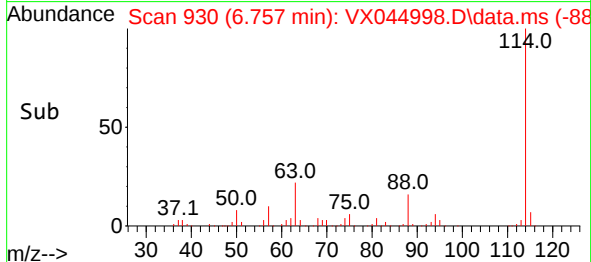
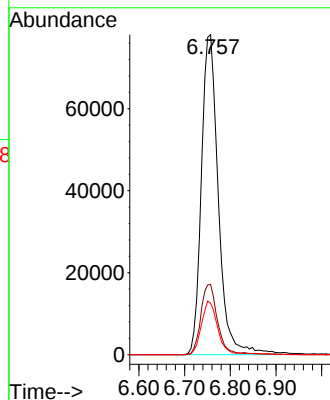
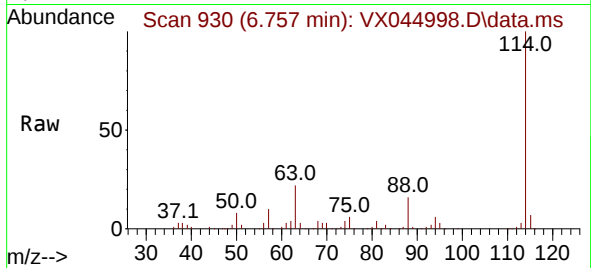




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX044998.D
 Acq: 19 Feb 2025 11:43

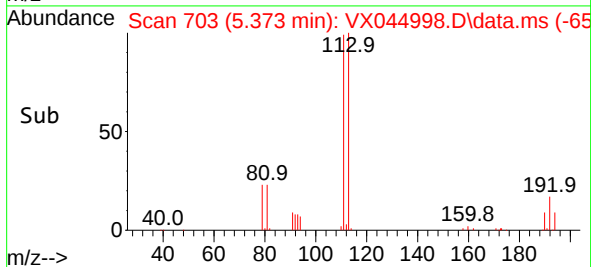
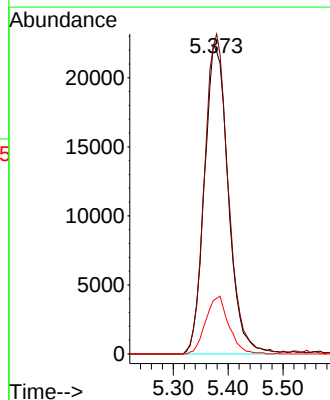
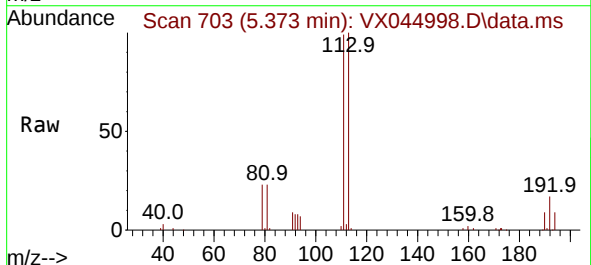
Instrument :
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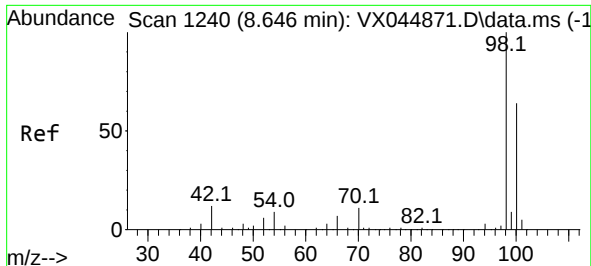
Tgt Ion:114 Resp: 201046
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.4
 88 16.1 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 51.847 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. -0.006 min
 Lab File: VX044998.D
 Acq: 19 Feb 2025 11:43

Tgt Ion:113 Resp: 67771
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.5 125.3
 192 18.0 14.4 21.6

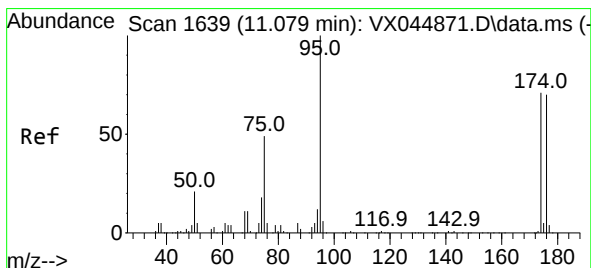
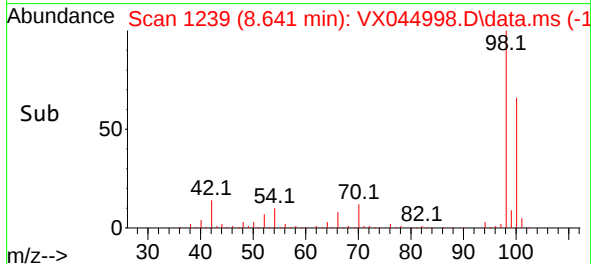
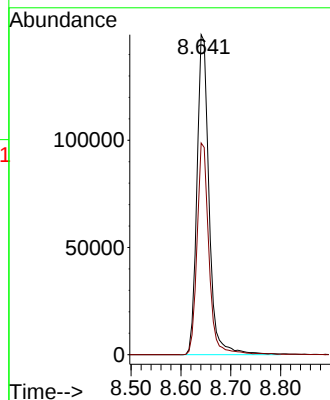
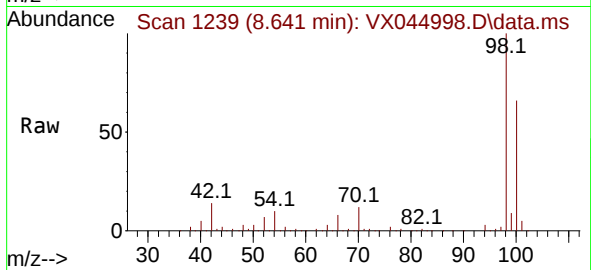




#50
Toluene-d8
Concen: 50.961 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

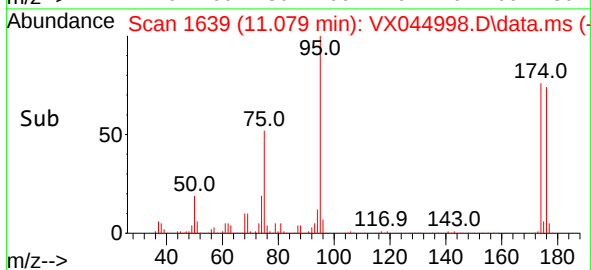
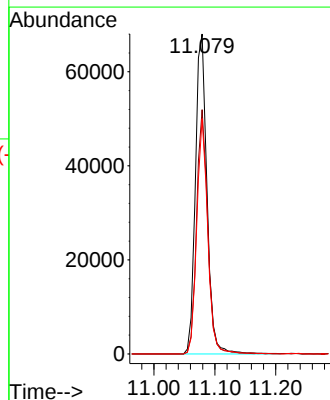
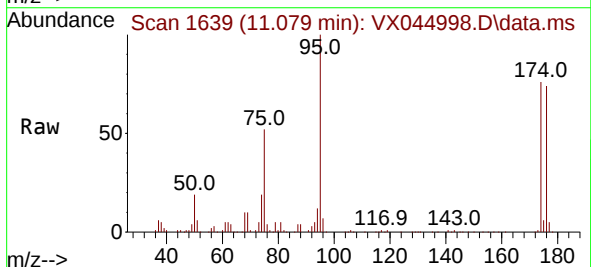
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBL01

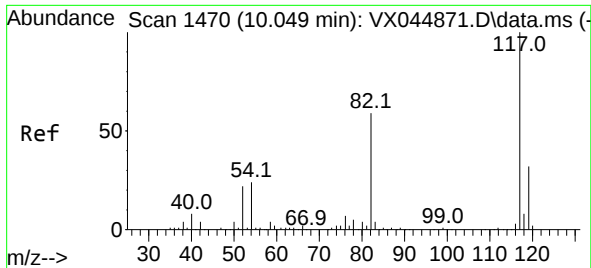
Tgt Ion: 98 Resp: 251891
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 53.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

Tgt Ion: 95 Resp: 89636
Ion Ratio Lower Upper
95 100
174 73.6 0.0 142.6
176 69.9 0.0 141.6

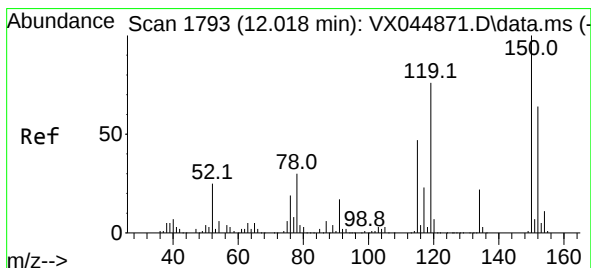
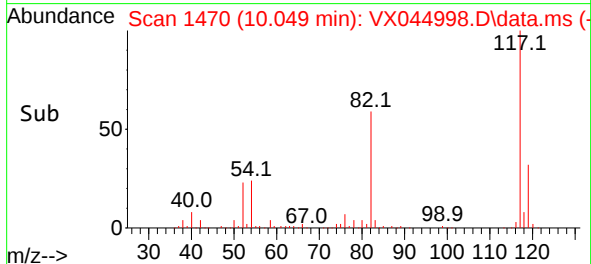
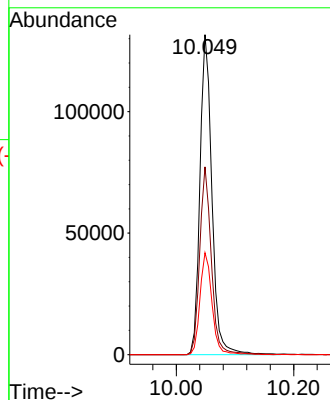
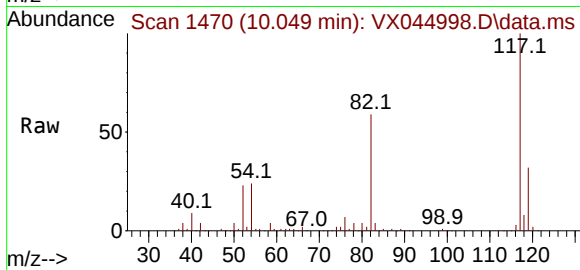




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044998.D
Acq: 19 Feb 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBL01

Tgt Ion:117 Resp: 186227
Ion Ratio Lower Upper
117 100
82 58.7 47.5 71.3
119 31.9 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: VX044998.D
Acq: 19 Feb 2025 11:43

Tgt Ion:152 Resp: 85446
Ion Ratio Lower Upper
152 100
115 61.5 43.4 130.1
150 156.0 0.0 350.4

