

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031925\
 Data File : VX045343.D
 Acq On : 19 Mar 2025 12:50
 Operator : JC/MD
 Sample : VX0319WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBL01

Quant Time: Mar 20 01:34:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	17082	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	85703	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	77105	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	51831	31.240	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.133%
60) 4-Bromofluorobenzene	11.079	95	40882	28.367	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.567%
63) Toluene-d8	8.647	98	125682	29.464	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.200%

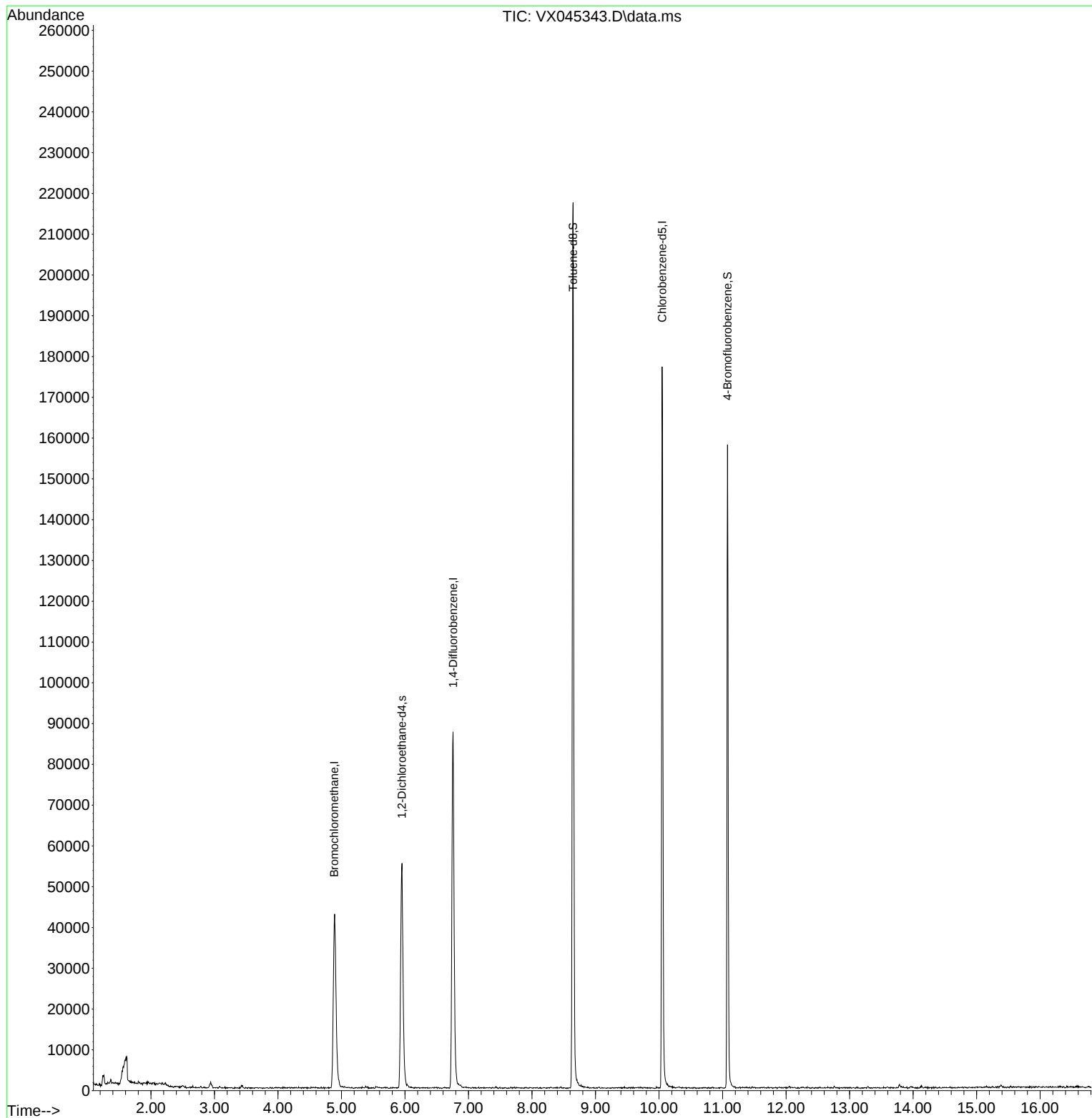
Target Compounds	Qvalue

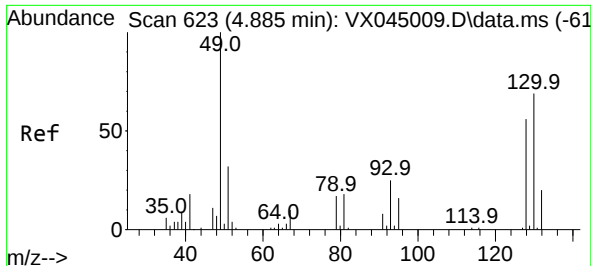
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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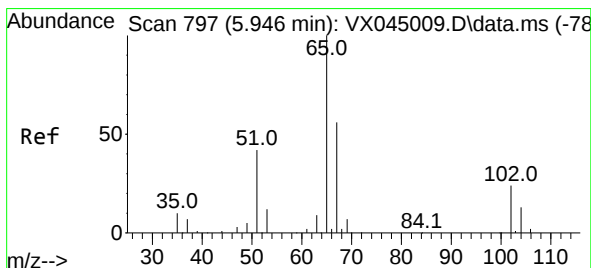
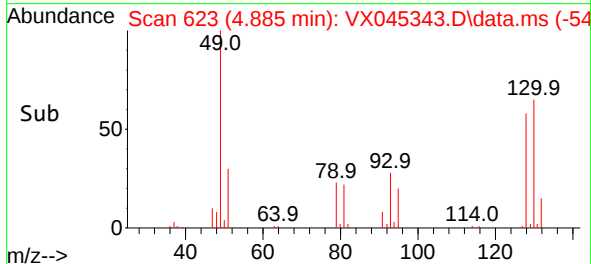
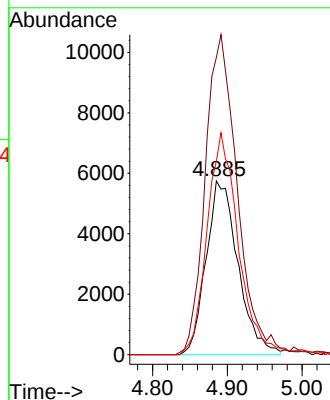
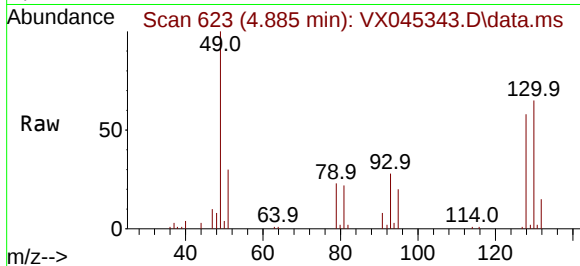




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045343.D
Acq: 19 Mar 2025 12:50

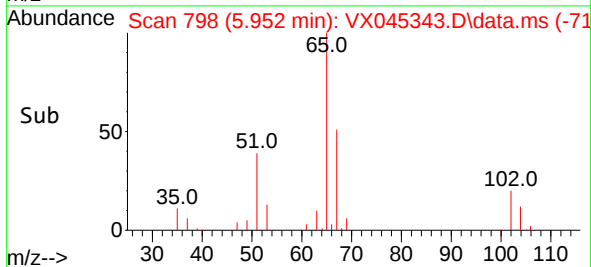
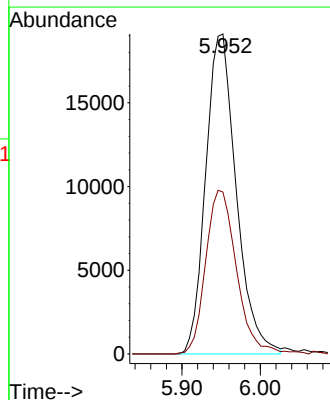
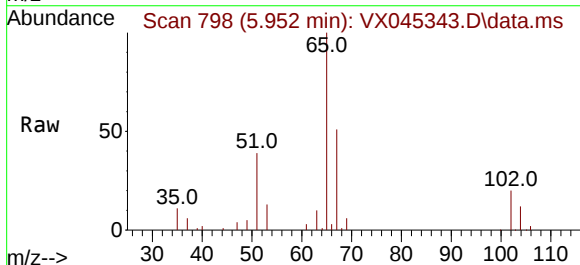
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBL01

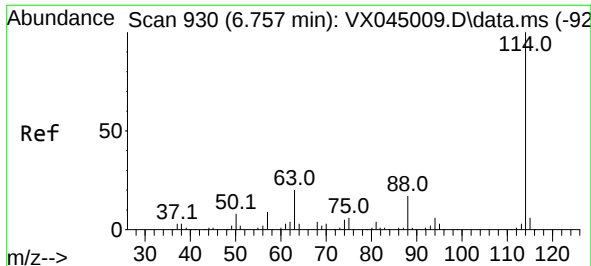
Tgt Ion:128 Resp: 17082
Ion Ratio Lower Upper
128 100
49 184.8 0.0 449.7
130 124.8 0.0 312.7



#27
1,2-Dichloroethane-d4
Concen: 31.240 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045343.D
Acq: 19 Mar 2025 12:50

Tgt Ion: 65 Resp: 51831
Ion Ratio Lower Upper
65 100
67 50.7 42.6 64.0

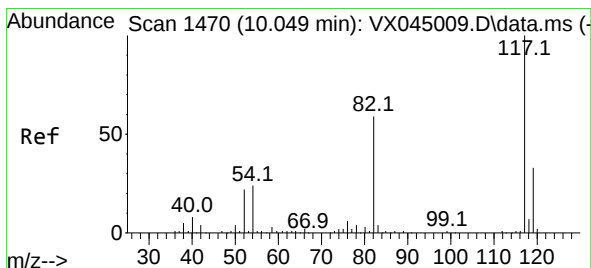
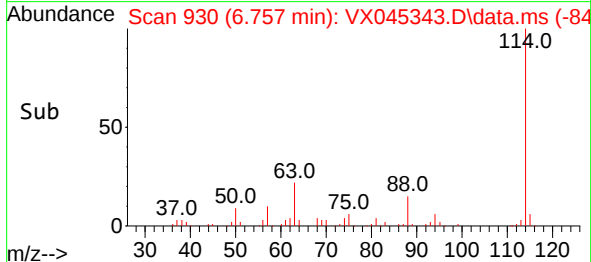
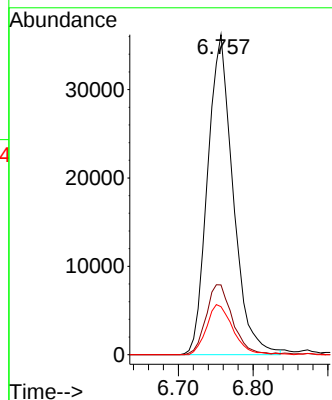
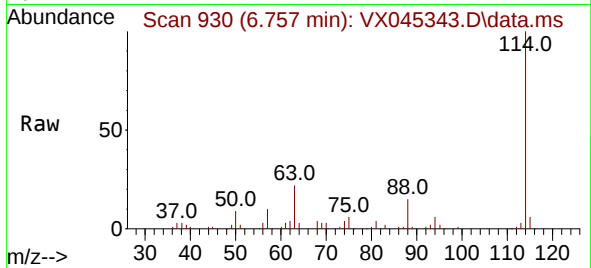




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045343.D
Acq: 19 Mar 2025 12:50

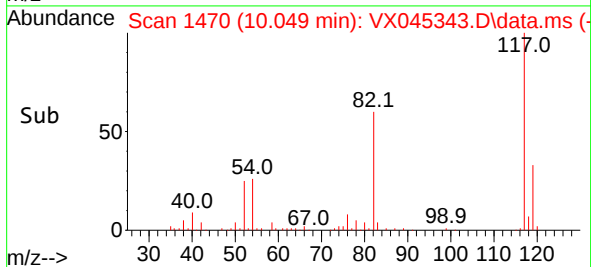
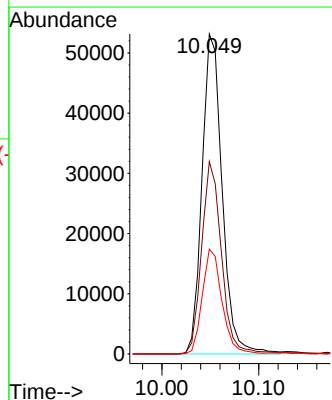
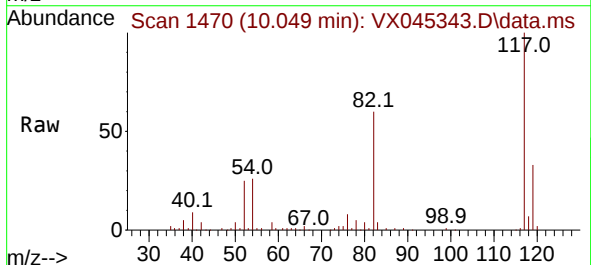
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBL01

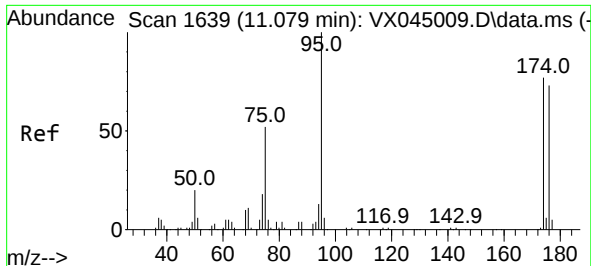
Tgt Ion:114 Resp: 85703
Ion Ratio Lower Upper
114 100
63 22.6 16.8 25.2
88 16.1 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045343.D
Acq: 19 Mar 2025 12:50

Tgt Ion:117 Resp: 77105
Ion Ratio Lower Upper
117 100
82 59.4 45.8 68.8
119 31.9 25.5 38.3

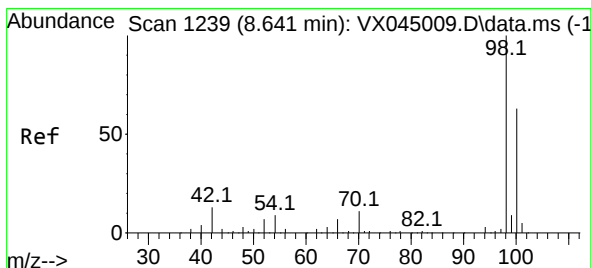
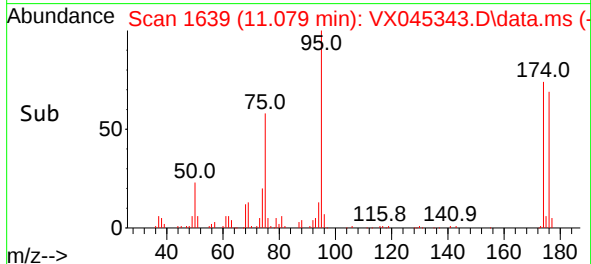
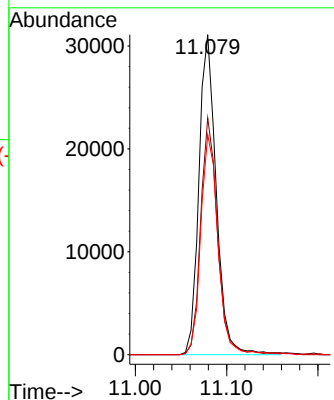
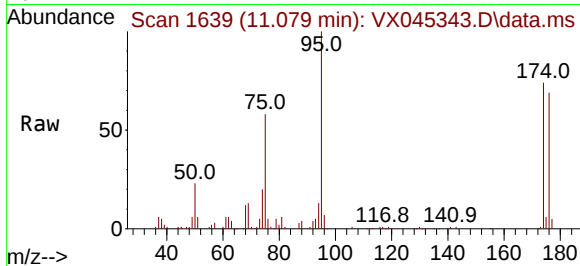




#60
4-Bromofluorobenzene
Concen: 28.367 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045343.D
Acq: 19 Mar 2025 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBL01

Tgt Ion: 95 Resp: 40882
Ion Ratio Lower Upper
95 100
174 71.4 59.5 89.3
176 67.7 55.5 83.3



#63
Toluene-d8
Concen: 29.464 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX045343.D
Acq: 19 Mar 2025 12:50

Tgt Ion: 98 Resp: 125682
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5

