

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
 Data File : VX044702.D
 Acq On : 23 Jan 2025 10:18
 Operator : JC/MD
 Sample : VX0123WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0123WBL01

Quant Time: Jan 24 03:15:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	30850	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	168575	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	149390	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	83253	27.954	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.167%
60) 4-Bromofluorobenzene	11.079	95	80591	27.774	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.567%
63) Toluene-d8	8.647	98	252659	31.095	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.667%

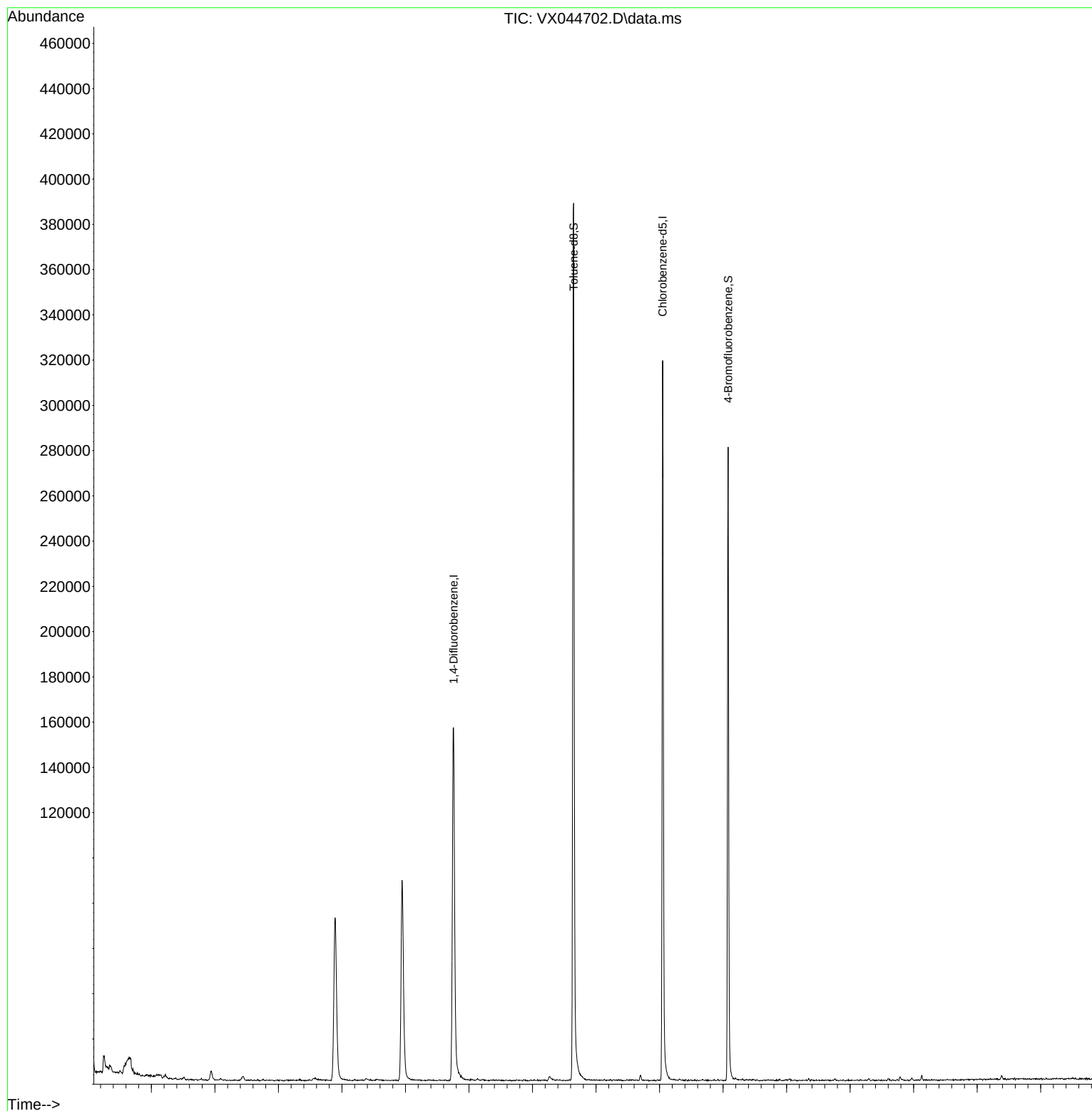
Target Compounds	Qvalue

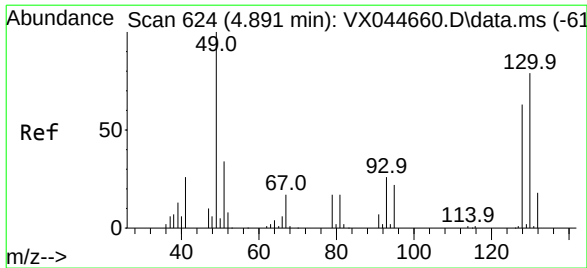
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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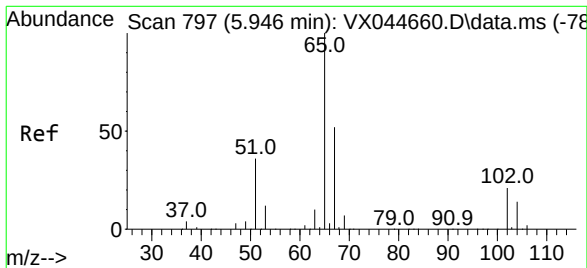
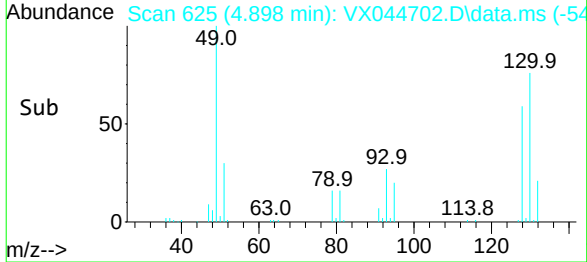
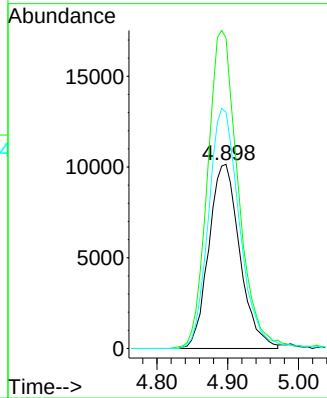
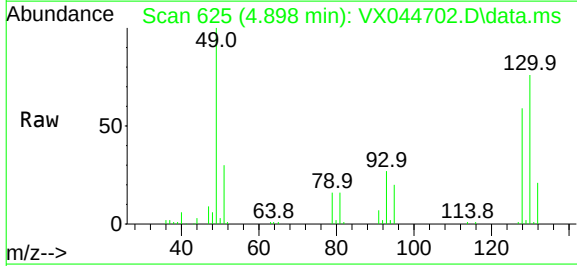




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 624
Delta R.T. 0.007 min
Lab File: VX044702.D
Acq: 23 Jan 2025 10:18

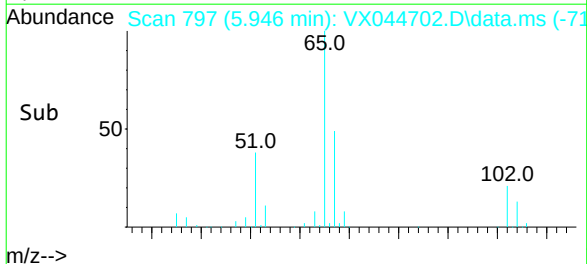
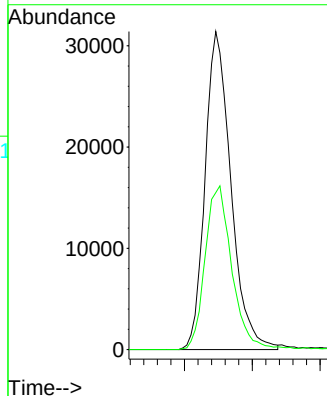
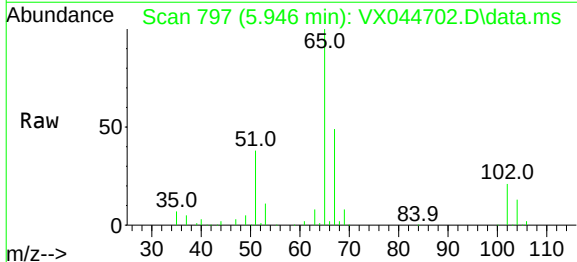
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBL01

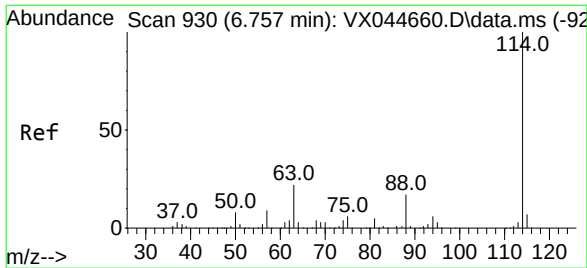
Tgt Ion:128 Resp: 30850
Ion Ratio Lower Upper
128 100
49 170.5 0.0 411.5
130 131.4 0.0 324.3



#27
1,2-Dichloroethane-d4
Concen: 27.954 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044702.D
Acq: 23 Jan 2025 10:18

Tgt Ion: 65 Resp: 83253
Ion Ratio Lower Upper
65 100
67 52.8 41.4 62.2

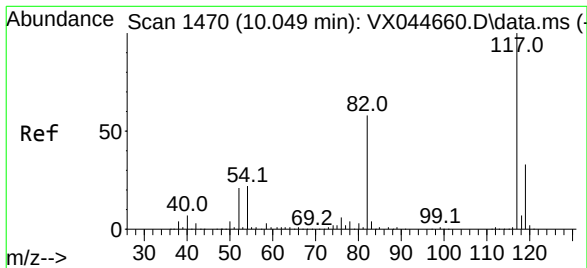
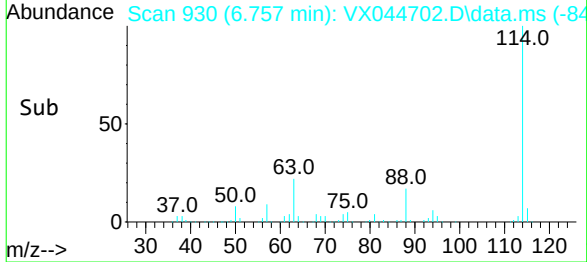
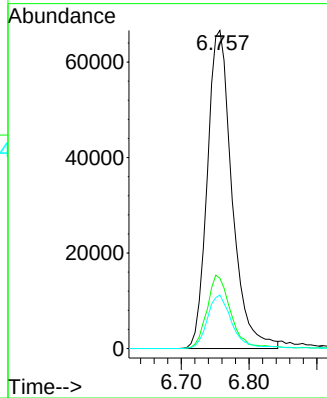
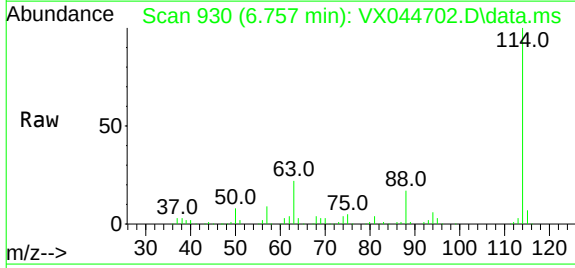




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044702.D
Acq: 23 Jan 2025 10:18

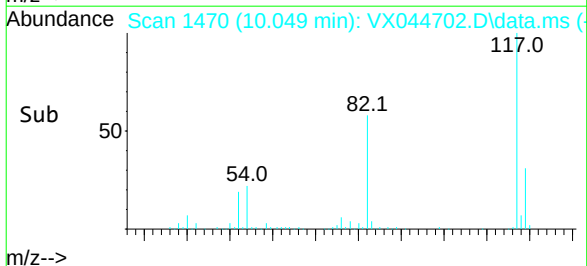
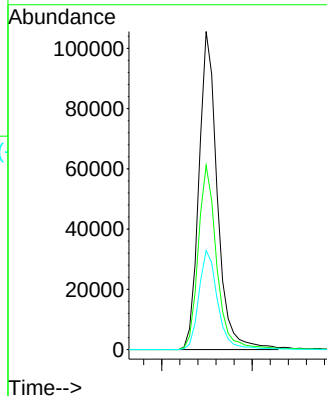
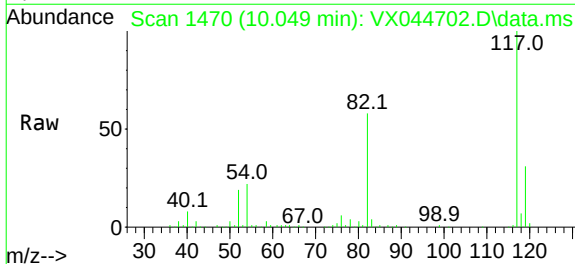
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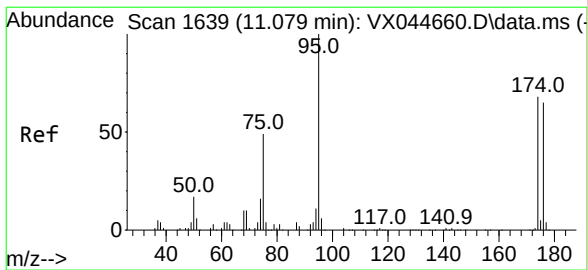
Tgt Ion:	114	Resp:	168575
Ion	Ratio	Lower	Upper
114	100		
63	22.3	16.6	24.8
88	16.7	13.4	20.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044702.D
Acq: 23 Jan 2025 10:18

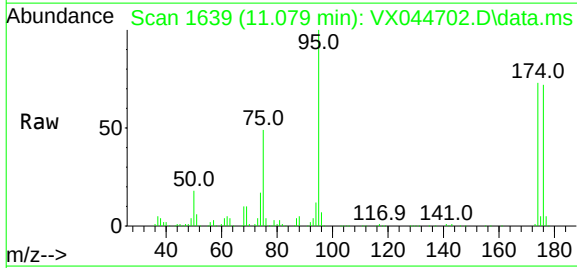
Tgt Ion:	117	Resp:	149390
Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.8	68.6
119	32.1	25.8	38.6



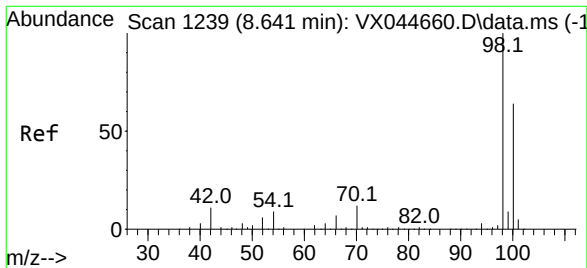
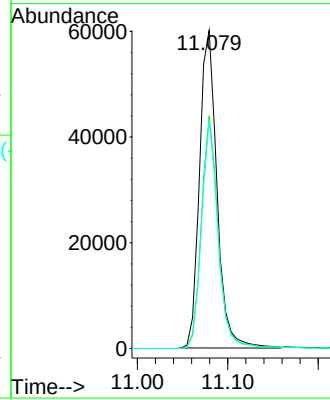
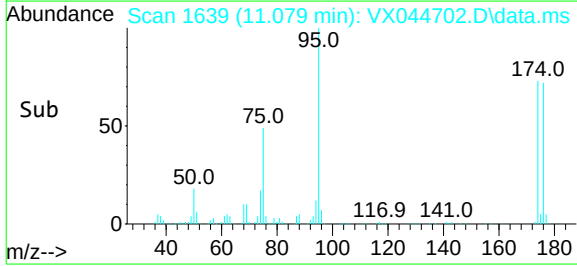


#60
4-Bromofluorobenzene
Concen: 27.774 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044702.D
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Tgt Ion: 95 Resp: 80591
Ion Ratio Lower Upper
95 100
174 70.4 54.6 81.8
176 67.9 52.8 79.2



#63
Toluene-d8
Concen: 31.095 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044702.D
Acq: 23 Jan 2025 10:18

Tgt Ion: 98 Resp: 252659
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4

