

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
 Data File : VX044776.D
 Acq On : 30 Jan 2025 12:23
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 31 00:41:37 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	4.897	128	24851	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	126846	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	112237	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	65920	27.477	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.600%
60) 4-Bromofluorobenzene	11.079	95	61088	28.022	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.400%
63) Toluene-d8	8.647	98	182781	29.942	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.800%

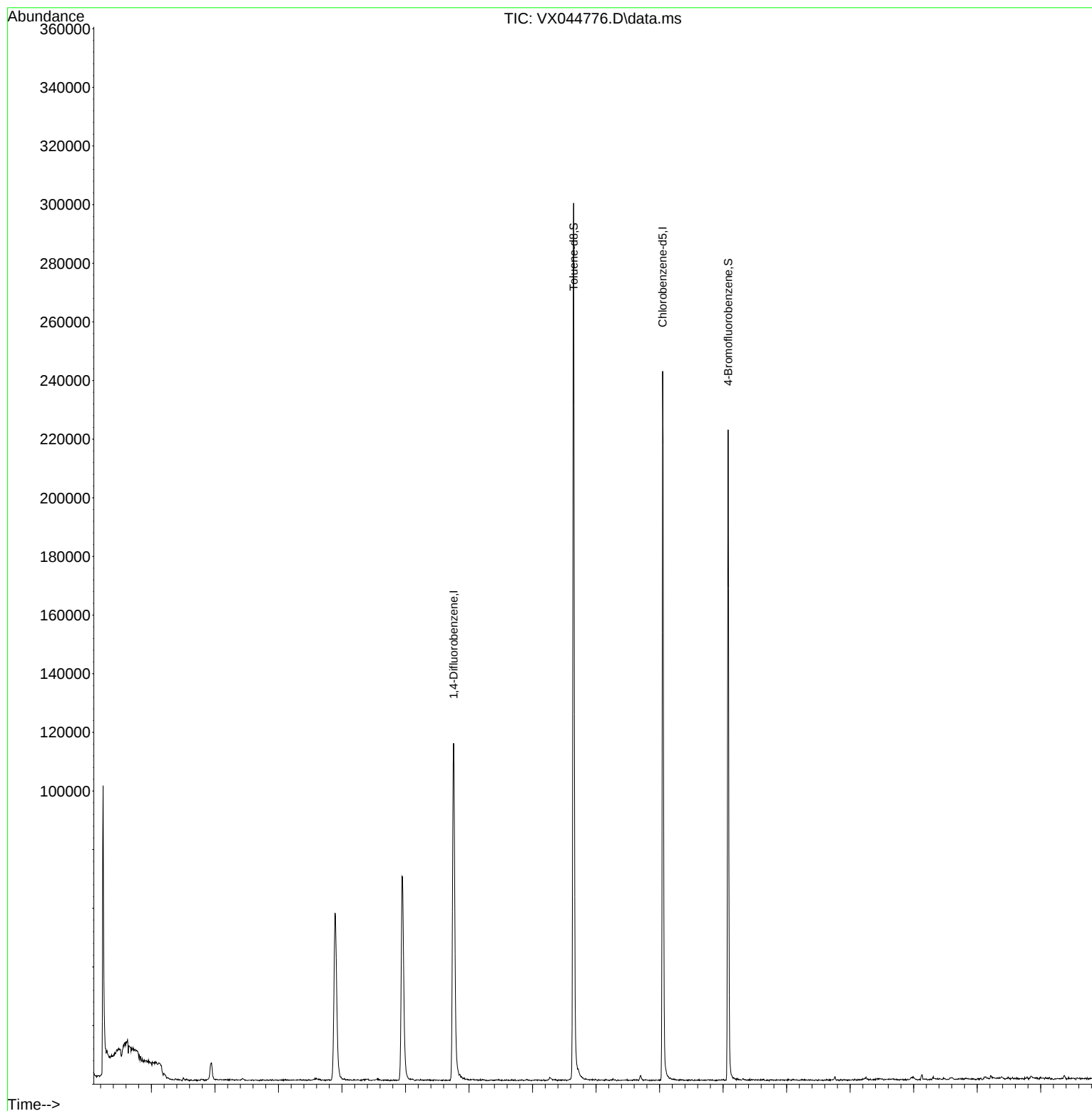
Target Compounds	Qvalue

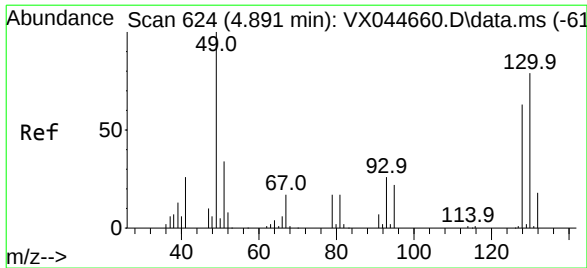
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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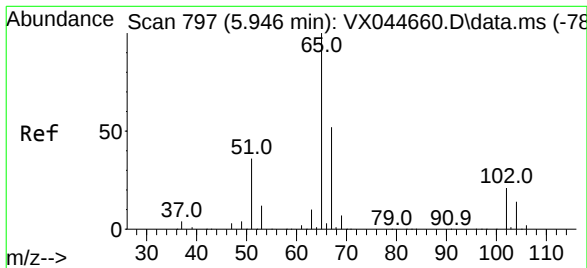
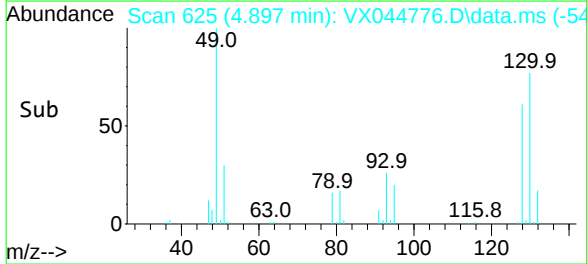
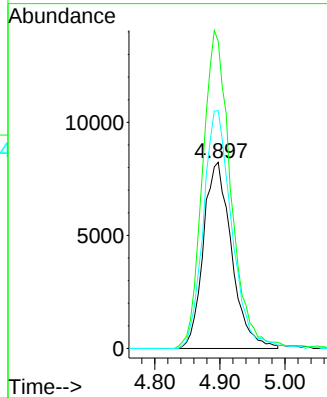
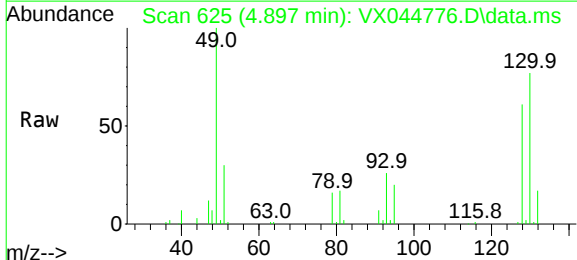




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.897 min Scan# 624
 Delta R.T. 0.006 min
 Lab File: VX044776.D
 Acq: 30 Jan 2025 12:23

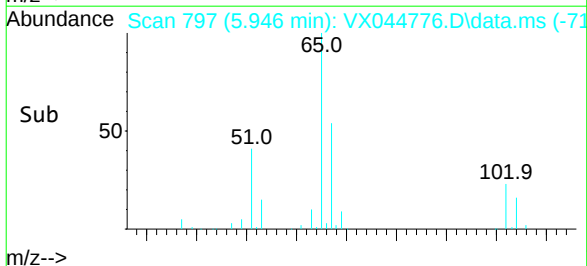
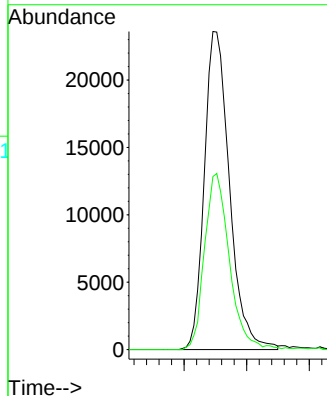
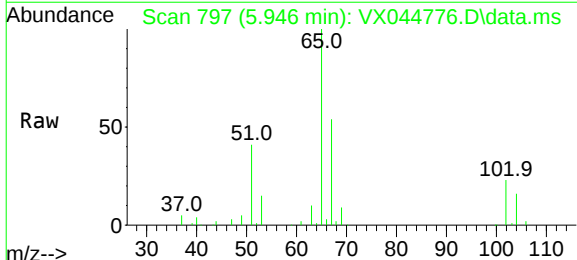
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

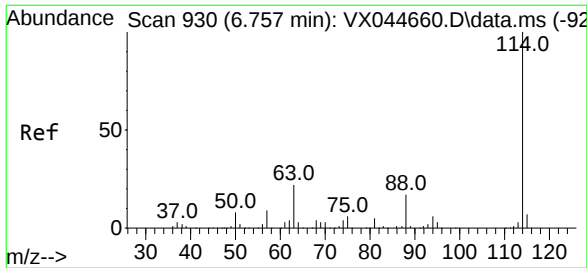
Tgt Ion:	128	Resp:	24851
Ion	Ratio	Lower	Upper
128	100		
49	170.2	0.0	411.5
130	128.2	0.0	324.3



#27
 1,2-Dichloroethane-d4
 Concen: 27.477 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: VX044776.D
 Acq: 30 Jan 2025 12:23

Tgt Ion:	65	Resp:	65920
Ion	Ratio	Lower	Upper
65	100		
67	54.1	41.4	62.2

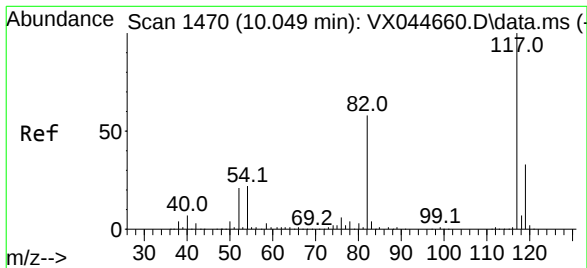
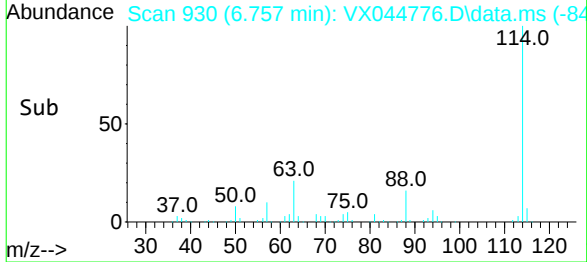
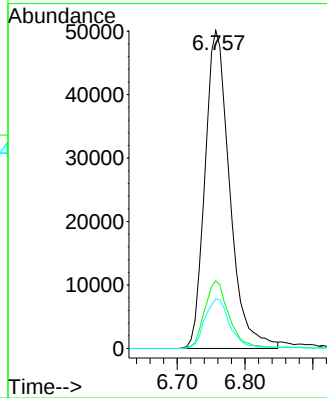
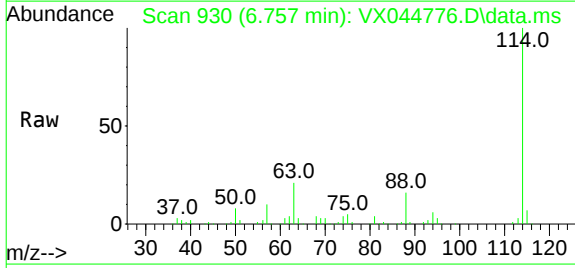




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044776.D
Acq: 30 Jan 2025 12:23

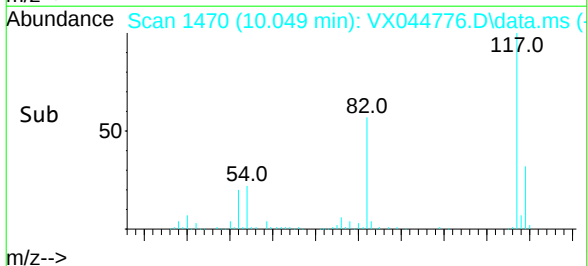
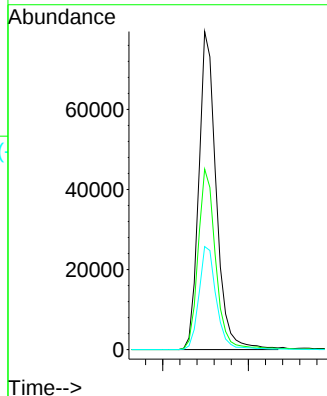
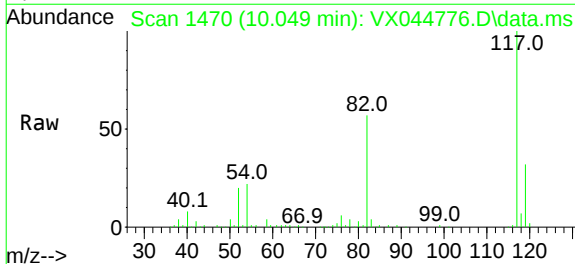
Instrument :
MSVOA_X
ClientSampleId :
IBLK

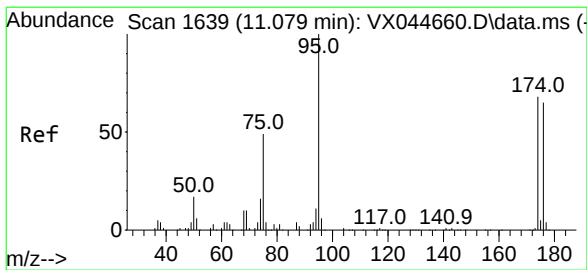
Tgt Ion:	114	Resp:	126846
Ion	Ratio	Lower	Upper
114	100		
63	20.8	16.6	24.8
88	15.7	13.4	20.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044776.D
Acq: 30 Jan 2025 12:23

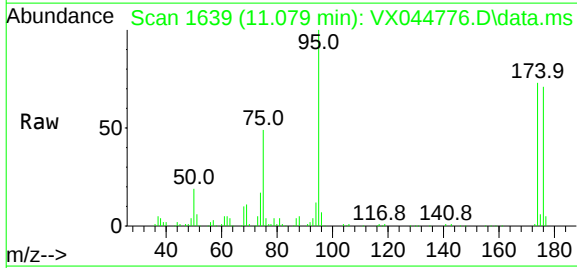
Tgt Ion:	117	Resp:	112237
Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.8	68.6
119	32.4	25.8	38.6



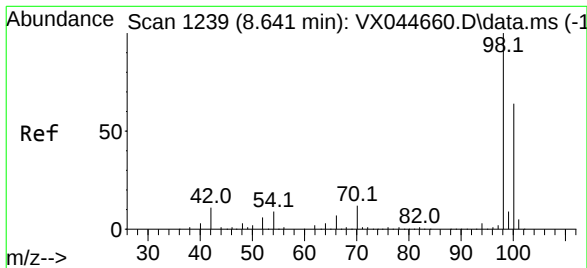
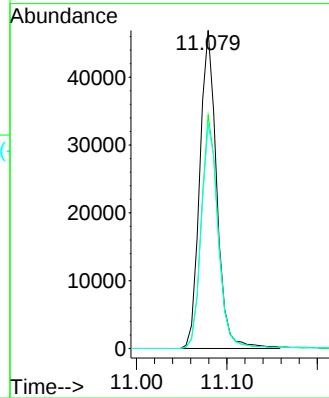
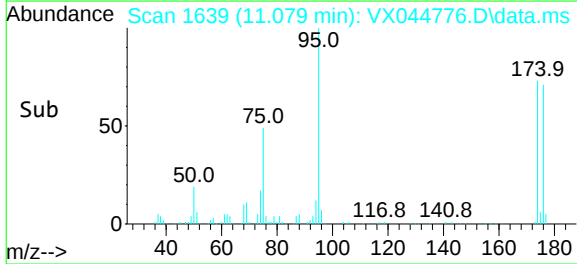


#60
4-Bromofluorobenzene
Concen: 28.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044776.D
Acq: 30 Jan 2025 12:23

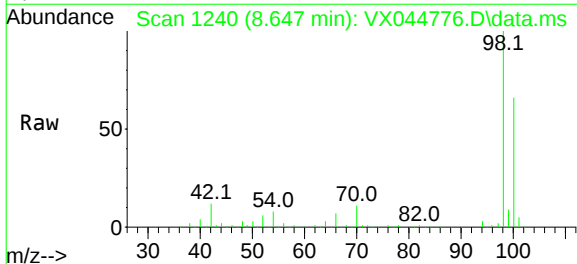
Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion: 95 Resp: 61088
Ion Ratio Lower Upper
95 100
174 72.0 54.6 81.8
176 70.8 52.8 79.2



#63
Toluene-d8
Concen: 29.942 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044776.D
Acq: 30 Jan 2025 12:23



Tgt Ion: 98 Resp: 182781
Ion Ratio Lower Upper
98 100
100 65.7 53.6 80.4

