

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044668.D
 Acq On : 16 Jan 2025 13:05
 Operator :
 Sample : VX0116WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBL01

Quant Time: Jan 17 01:30:45 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	4.891	128	31761	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	169032	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	146905	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	90316	29.455	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.200%
60) 4-Bromofluorobenzene	11.079	95	82031	28.749	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.833%
63) Toluene-d8	8.647	98	251184	31.437	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.800%

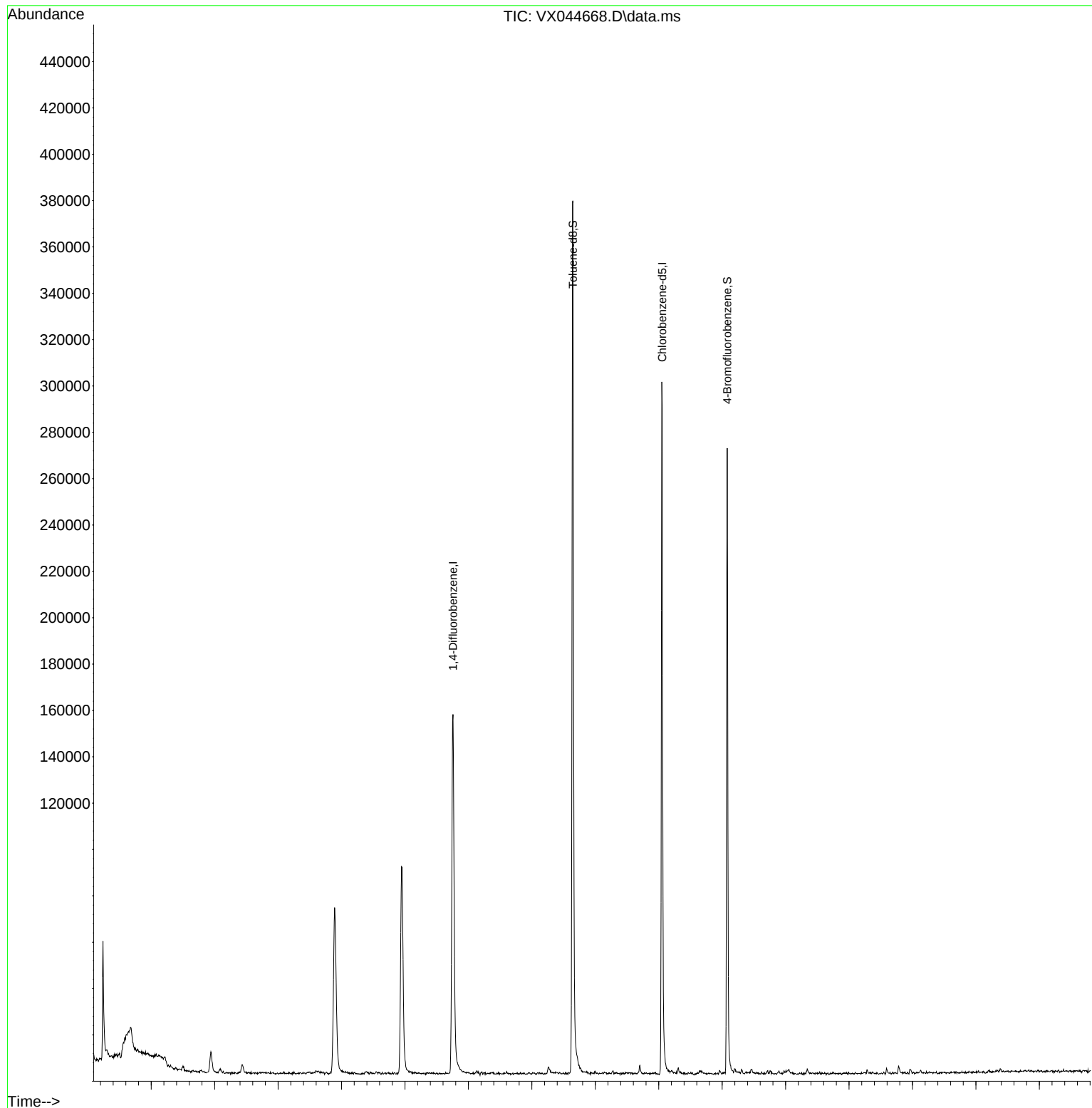
Target Compounds	Qvalue

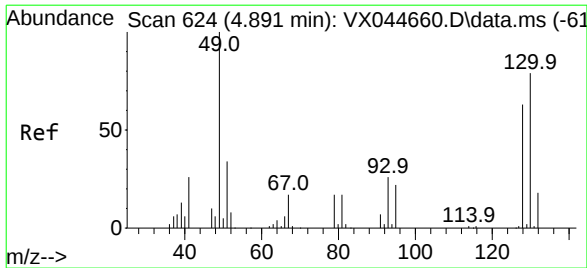
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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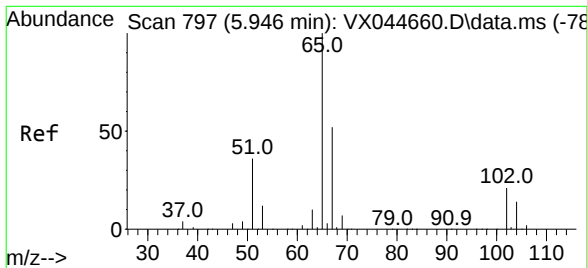
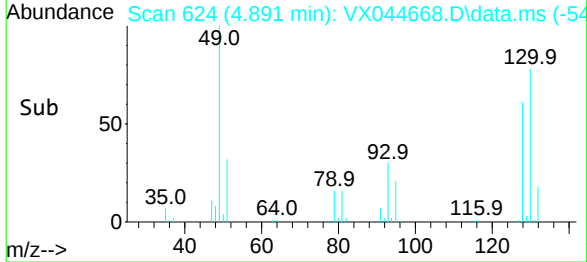
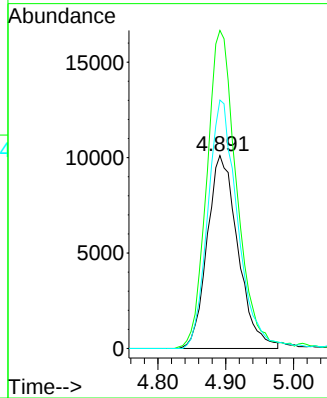
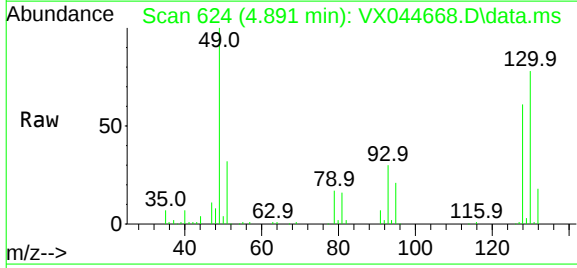




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044668.D
Acq: 16 Jan 2025 13:05

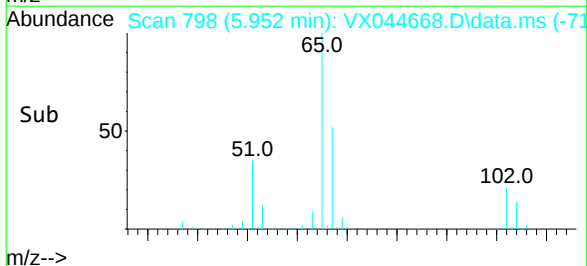
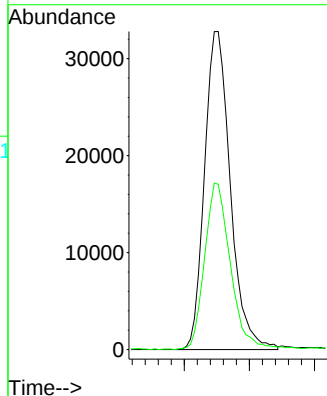
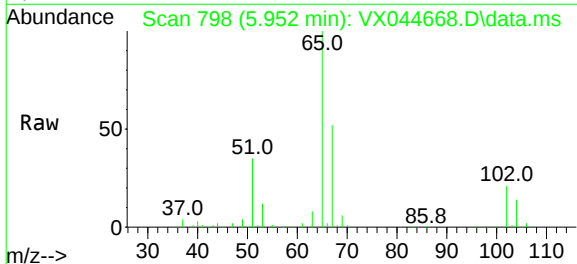
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBL01

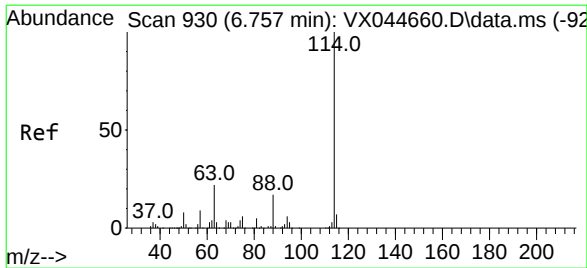
Tgt Ion	Ratio	Lower	Upper
128	100		
49	159.9	0.0	411.5
130	125.2	0.0	324.3



#27
1,2-Dichloroethane-d4
Concen: 29.455 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044668.D
Acq: 16 Jan 2025 13:05

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.1	41.4	62.2

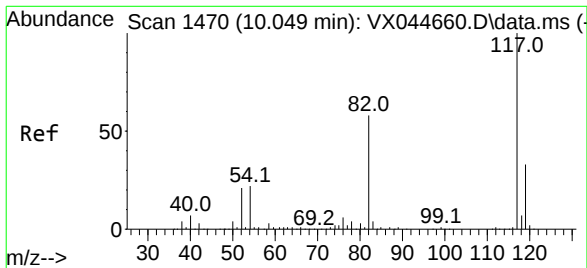
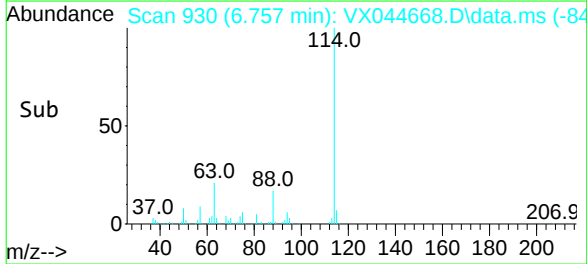
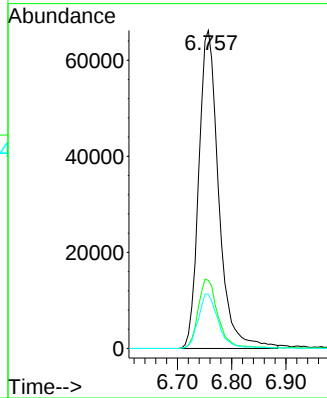
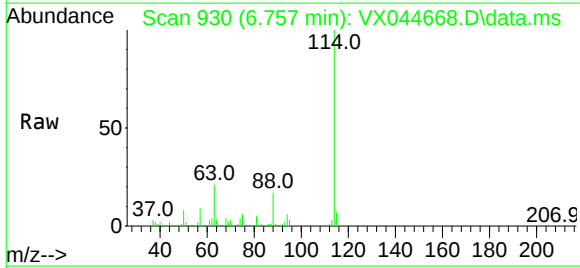




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044668.D
Acq: 16 Jan 2025 13:05

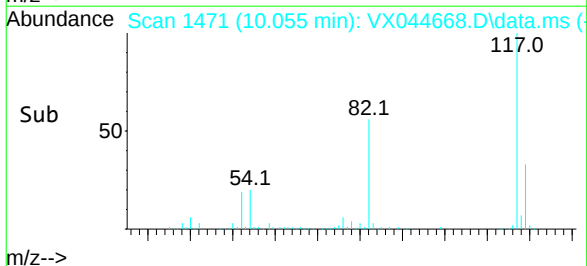
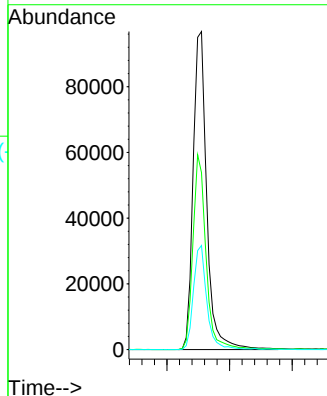
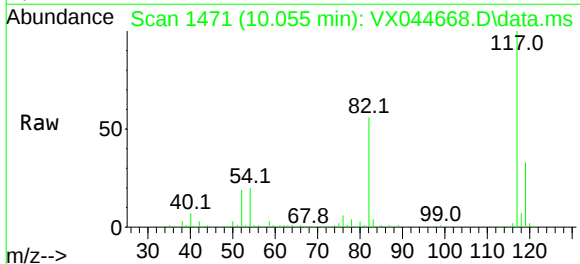
Instrument :
MSVOA_X
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VX0116WBL01

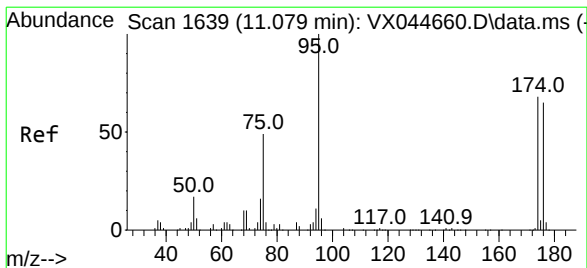
Tgt Ion:	114	Resp:	169032
Ion	Ratio	Lower	Upper
114	100		
63	21.6	16.6	24.8
88	16.9	13.4	20.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044668.D
Acq: 16 Jan 2025 13:05

Tgt Ion:	117	Resp:	146905
Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.8	68.6
119	32.0	25.8	38.6





#60

4-Bromofluorobenzene

Concen: 28.749 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044668.D

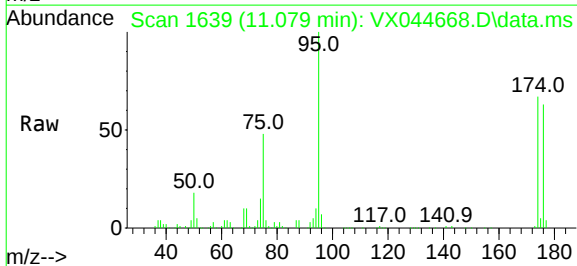
Acq: 16 Jan 2025 13:05

Instrument :

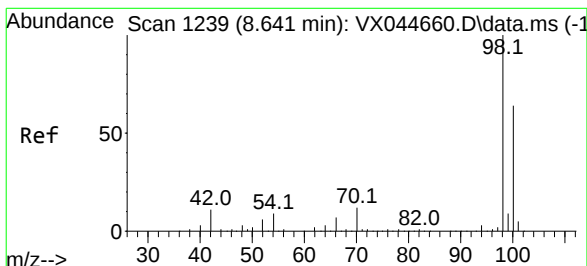
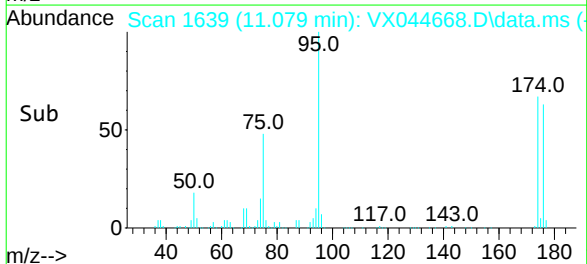
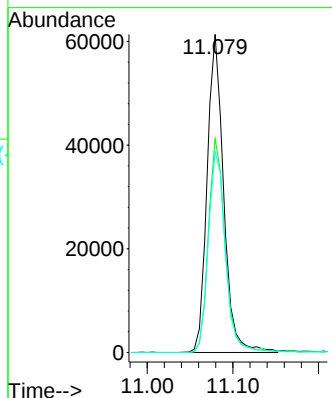
MSVOA_X

ClientSampleId :

VX0116WBL01



Tgt Ion:	95	Resp:	82031
Ion	Ratio	Lower	Upper
95	100		
174	67.9	54.6	81.8
176	64.7	52.8	79.2



#63

Toluene-d8

Concen: 31.437 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044668.D

Acq: 16 Jan 2025 13:05

Tgt Ion:	98	Resp:	251184
Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.6	80.4

