

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044643.D
 Acq On : 09 Jan 2025 03:57
 Operator : JC/MD
 Sample : VX0108WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBL02

Quant Time: Jan 09 06:43:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 09 02:10:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	27635	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	147498	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	128472	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	93196	30.803	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.667%
60) 4-Bromofluorobenzene	11.079	95	65024	27.110	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.367%
63) Toluene-d8	8.647	98	214627	29.879	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.600%

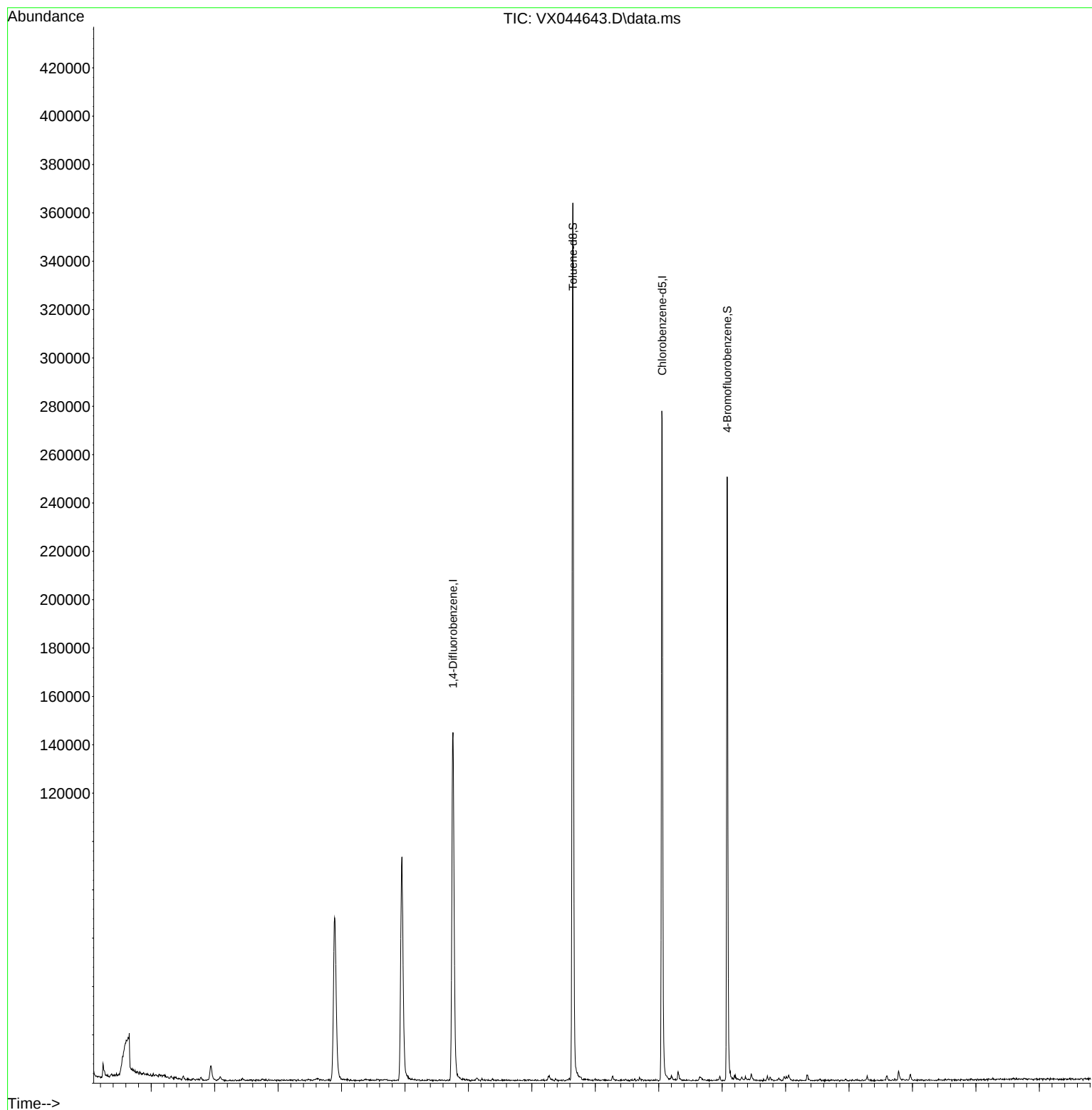
Target Compounds	Qvalue

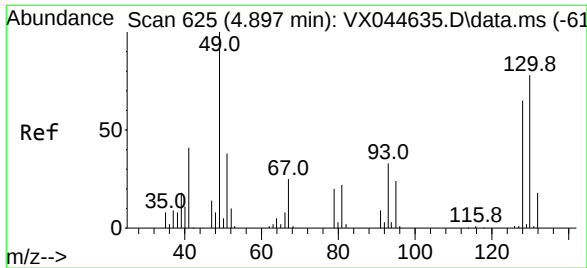
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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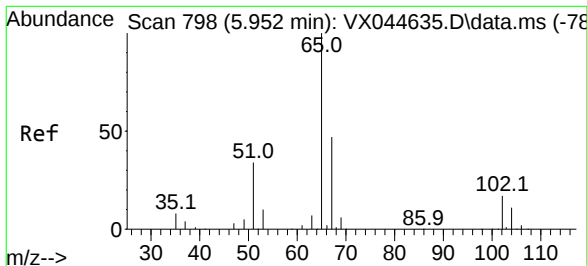
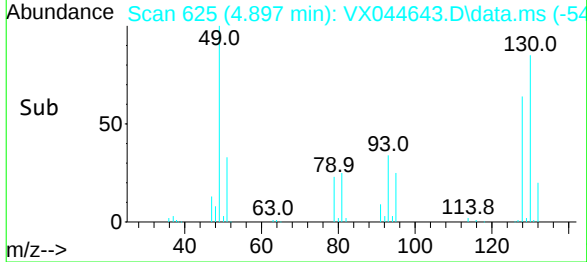
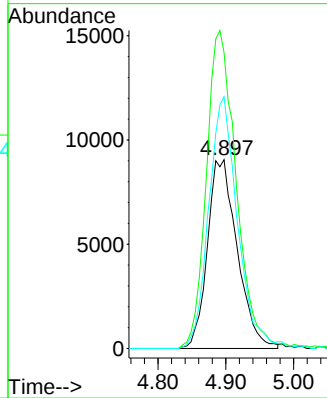
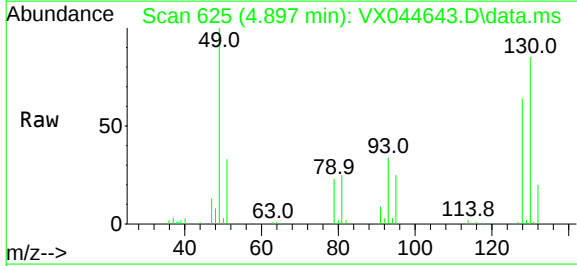




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX044643.D
 Acq: 09 Jan 2025 03:57

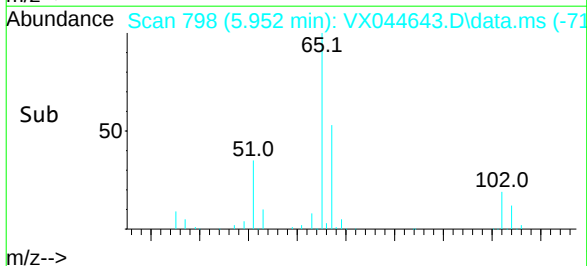
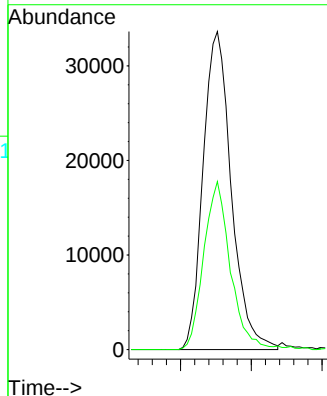
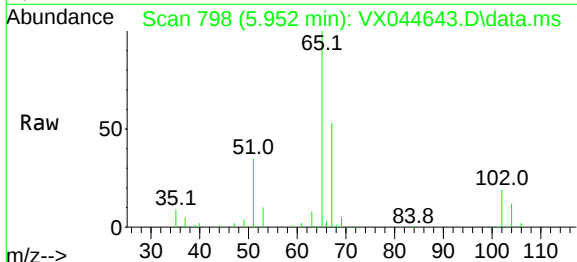
Instrument :
 MSVOA_X
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 VX0108WBL02

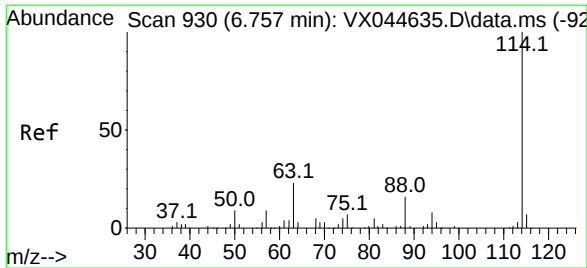
Tgt Ion:	128	Resp:	27635
Ion	Ratio	Lower	Upper
128	100		
49	167.5	0.0	425.8
130	128.0	0.0	319.8



#27
 1,2-Dichloroethane-d4
 Concen: 30.803 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX044643.D
 Acq: 09 Jan 2025 03:57

Tgt Ion:	65	Resp:	93196
Ion	Ratio	Lower	Upper
65	100		
67	49.6	39.1	58.7

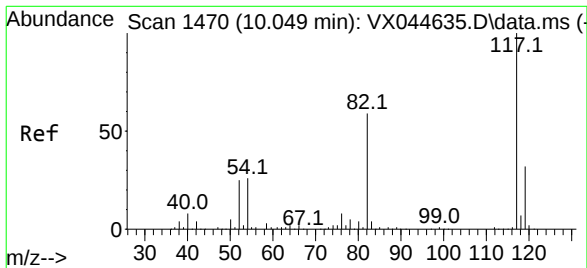
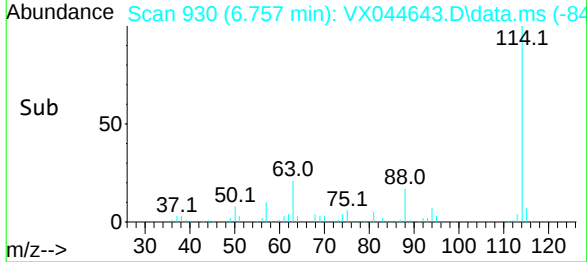
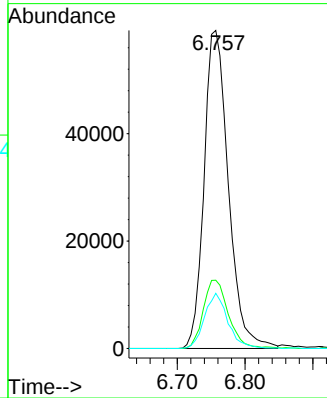
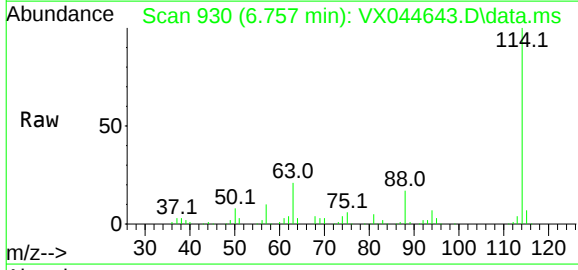




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044643.D
Acq: 09 Jan 2025 03:57

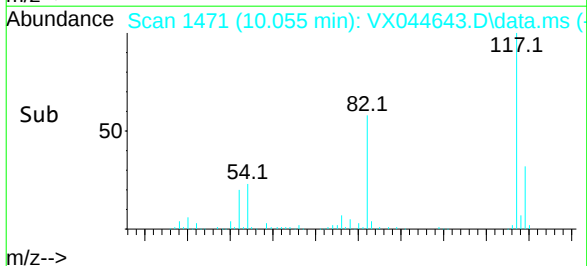
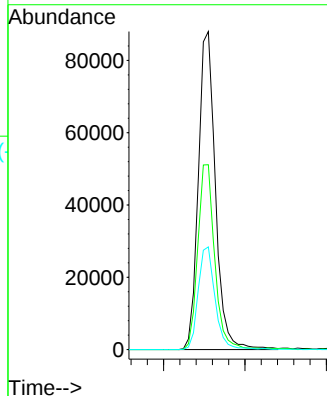
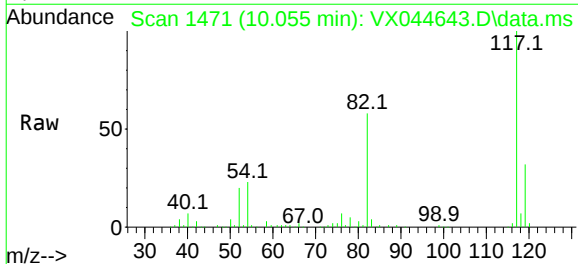
Instrument :
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ClientSampleId :
VX0108WBL02

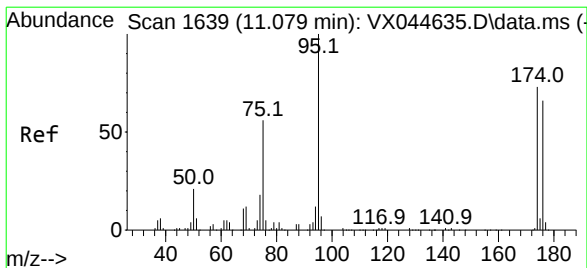
Tgt Ion:	114	Resp:	147498
Ion	Ratio	Lower	Upper
114	100		
63	22.0	17.7	26.5
88	16.7	13.1	19.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044643.D
Acq: 09 Jan 2025 03:57

Tgt Ion:	117	Resp:	128472
Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.2	69.4
119	31.8	25.5	38.3





#60

4-Bromofluorobenzene

Concen: 27.110 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044643.D

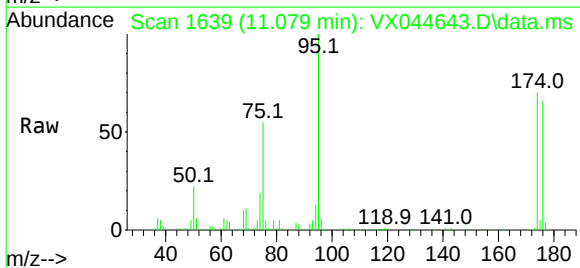
Acq: 09 Jan 2025 03:57

Instrument :

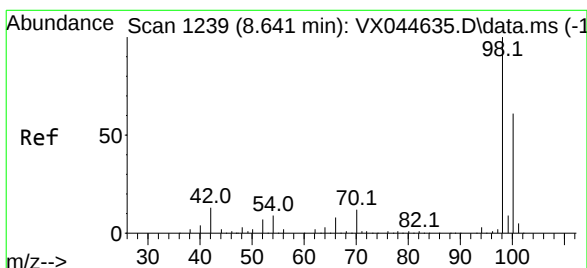
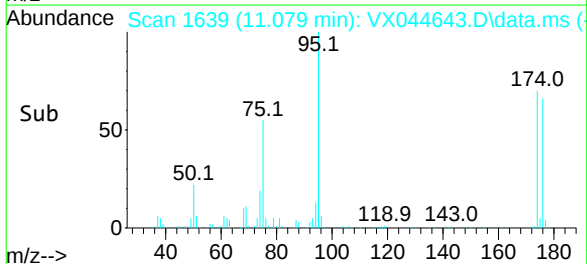
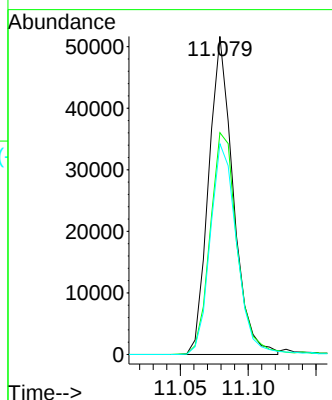
MSVOA_X

ClientSampleId :

VX0108WBL02



Tgt Ion:	95	Resp:	65024
Ion	Ratio	Lower	Upper
95	100		
174	75.6	58.6	88.0
176	71.6	55.2	82.8



#63

Toluene-d8

Concen: 29.879 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044643.D

Acq: 09 Jan 2025 03:57

Tgt Ion:	98	Resp:	214627
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4

