

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
 Data File : VX044706.D
 Acq On : 23 Jan 2025 12:17
 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 24 03:16:35 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	30761	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.750	114	159960	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	140415	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	80718	27.181	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	90.600%#
60) 4-Bromofluorobenzene	11.079	95	76860	28.181	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.933%
63) Toluene-d8	8.640	98	235770	30.871	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.900%

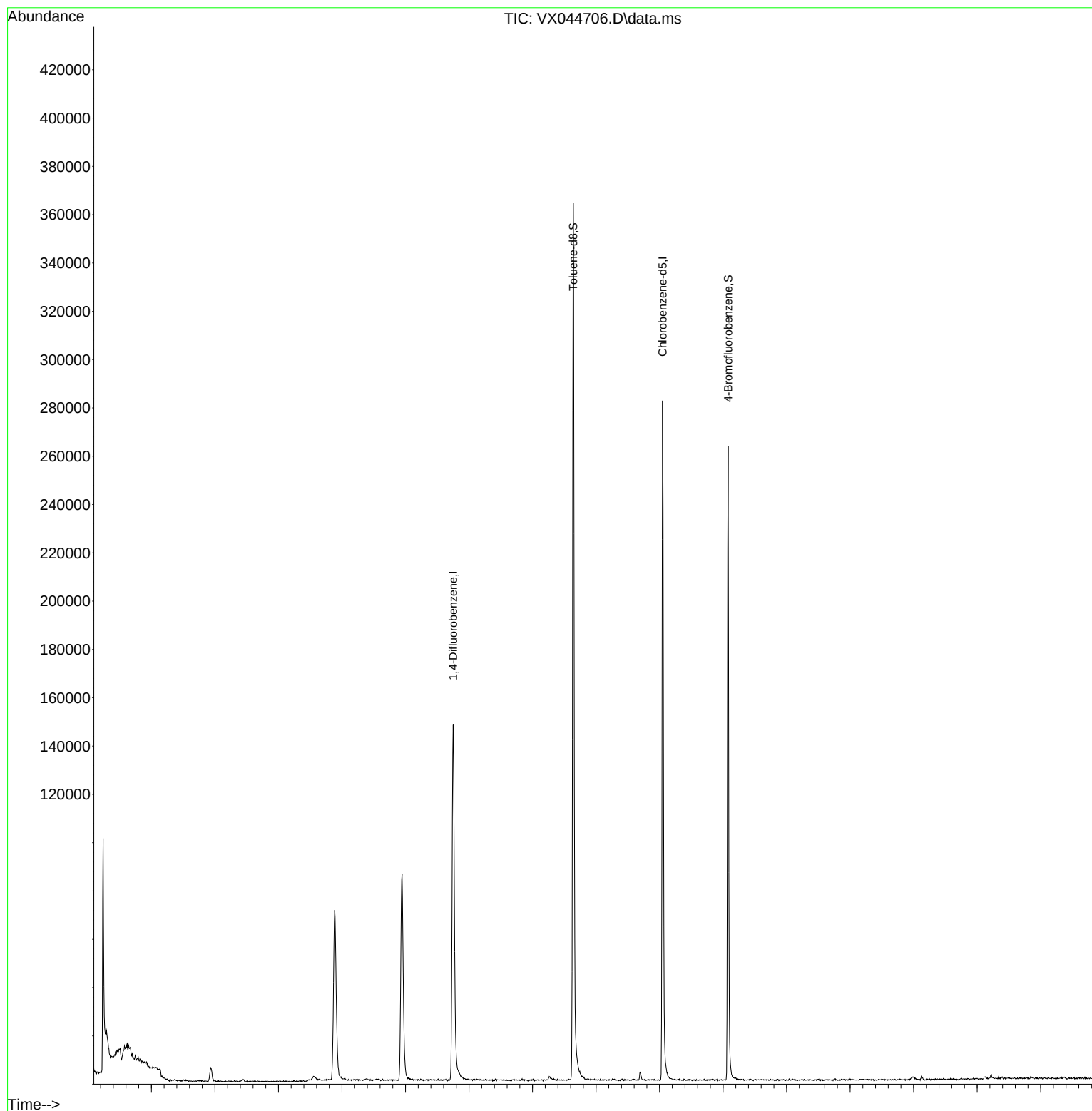
Target Compounds	Qvalue

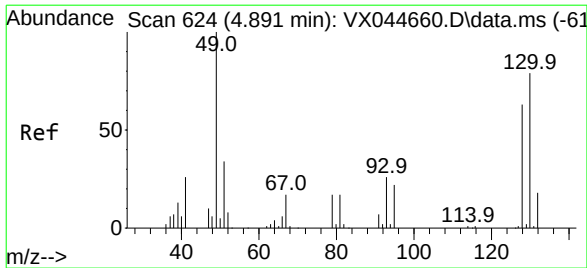
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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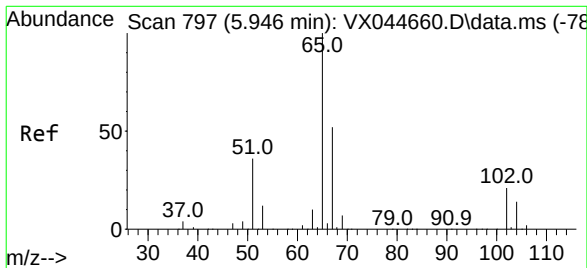
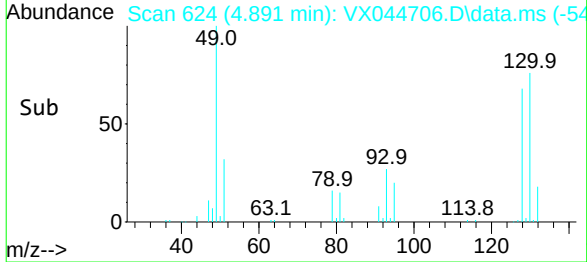
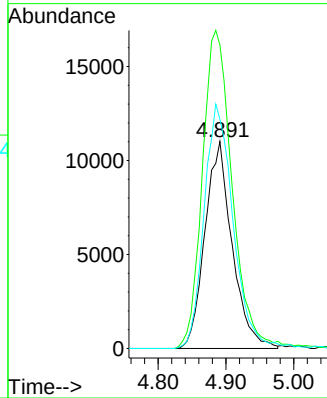
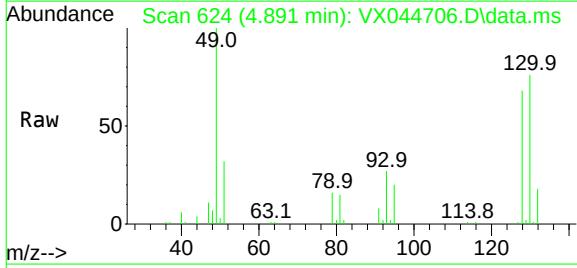




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044706.D
Acq: 23 Jan 2025 12:17

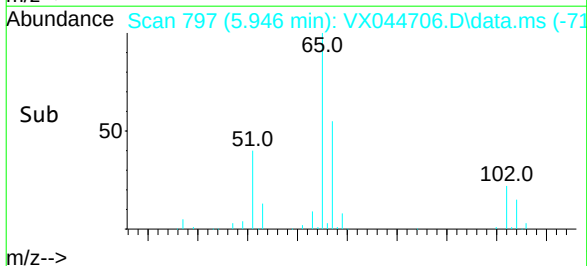
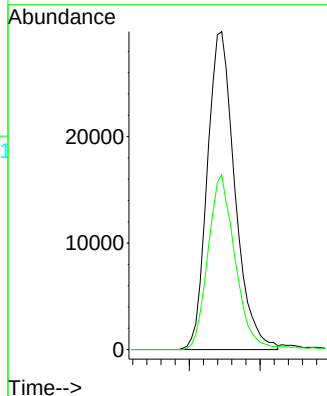
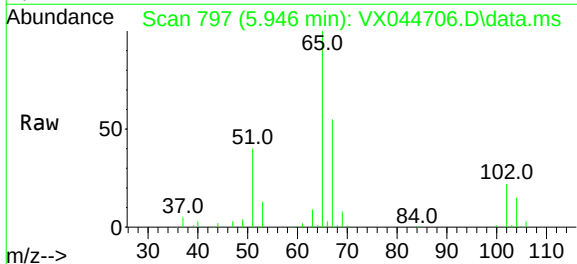
Instrument :
MSVOA_X
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IBLK

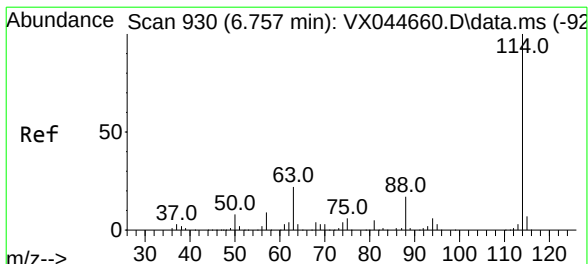
Tgt Ion	Ratio	Lower	Upper
128	100		
49	167.3	0.0	411.5
130	125.3	0.0	324.3



#27
1,2-Dichloroethane-d4
Concen: 27.181 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044706.D
Acq: 23 Jan 2025 12:17

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.4	41.4	62.2

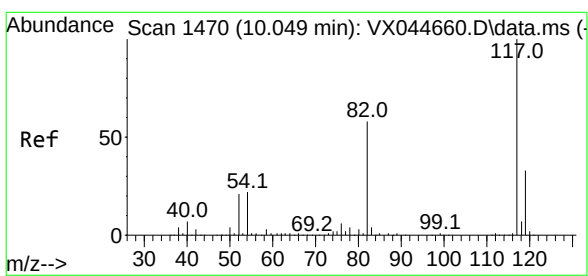
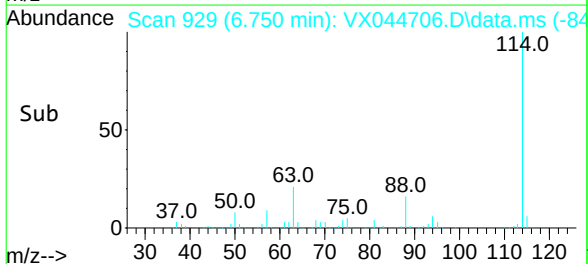
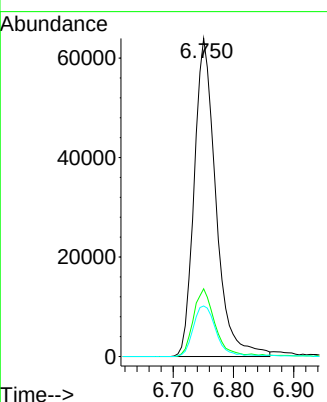
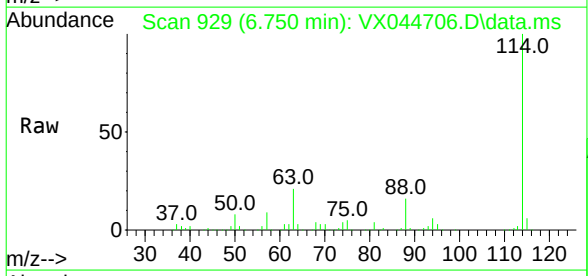




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.750 min Scan# 92
 Delta R.T. -0.006 min
 Lab File: VX044706.D
 Acq: 23 Jan 2025 12:17

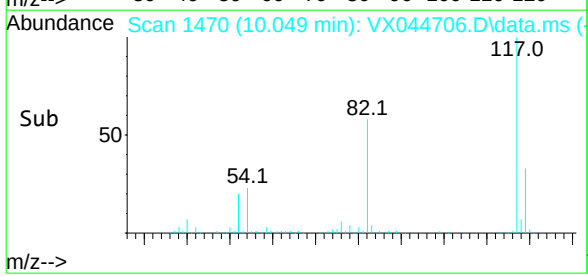
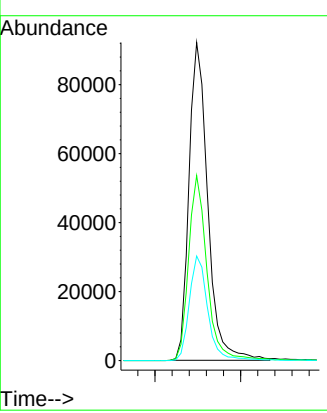
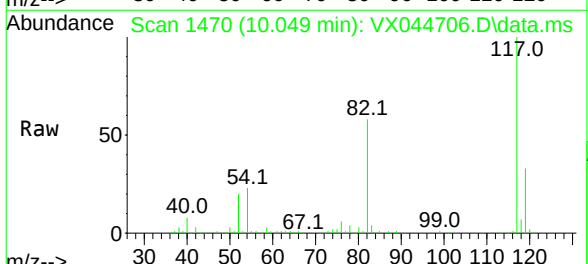
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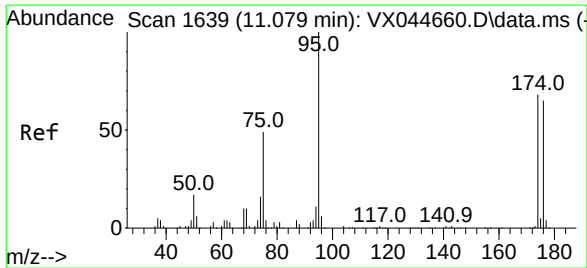
Tgt Ion:	114	Resp:	159960
Ion	Ratio	Lower	Upper
114	100		
63	20.8	16.6	24.8
88	16.5	13.4	20.2



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.049 min Scan# 1470
 Delta R.T. -0.000 min
 Lab File: VX044706.D
 Acq: 23 Jan 2025 12:17

Tgt Ion:	117	Resp:	140415
Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.8	68.6
119	32.4	25.8	38.6





#60

4-Bromofluorobenzene

Concen: 28.181 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044706.D

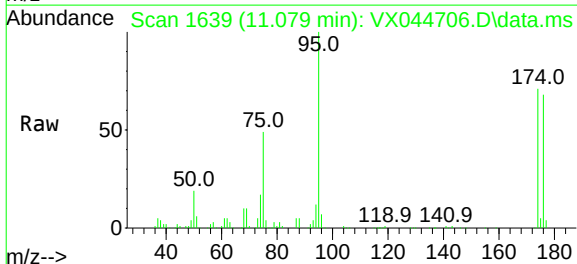
Acq: 23 Jan 2025 12:17

Instrument :

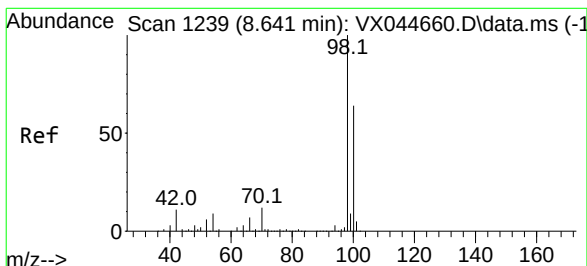
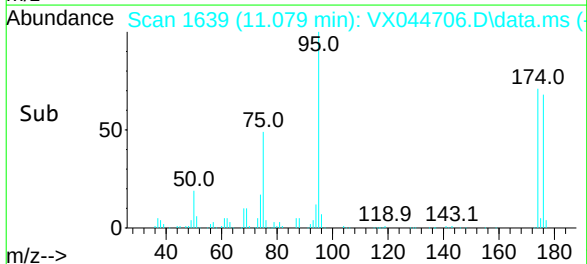
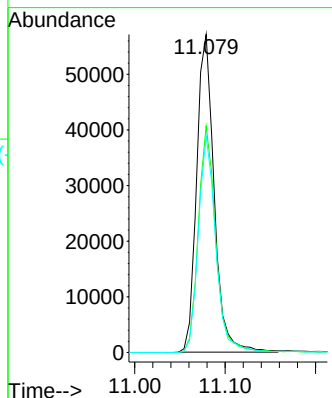
MSVOA_X

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Tgt Ion:	95	Resp:	76860
Ion	Ratio	Lower	Upper
95	100		
174	71.2	54.6	81.8
176	67.7	52.8	79.2



#63

Toluene-d8

Concen: 30.871 ug/l

RT: 8.640 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VX044706.D

Acq: 23 Jan 2025 12:17

Tgt Ion:	98	Resp:	235770
Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.6	80.4

