

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120623\
 Data File : VX039088.D
 Acq On : 06 Dec 2023 12:07
 Operator : JC/MD
 Sample : VX1206WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBL01

Quant Time: Dec 07 04:01:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	10976	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	89091	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	107104	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	44841	29.862	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.533%
60) 4-Bromofluorobenzene	11.079	95	68790	29.406	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.033%
63) Toluene-d8	8.647	98	126588	29.894	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.633%

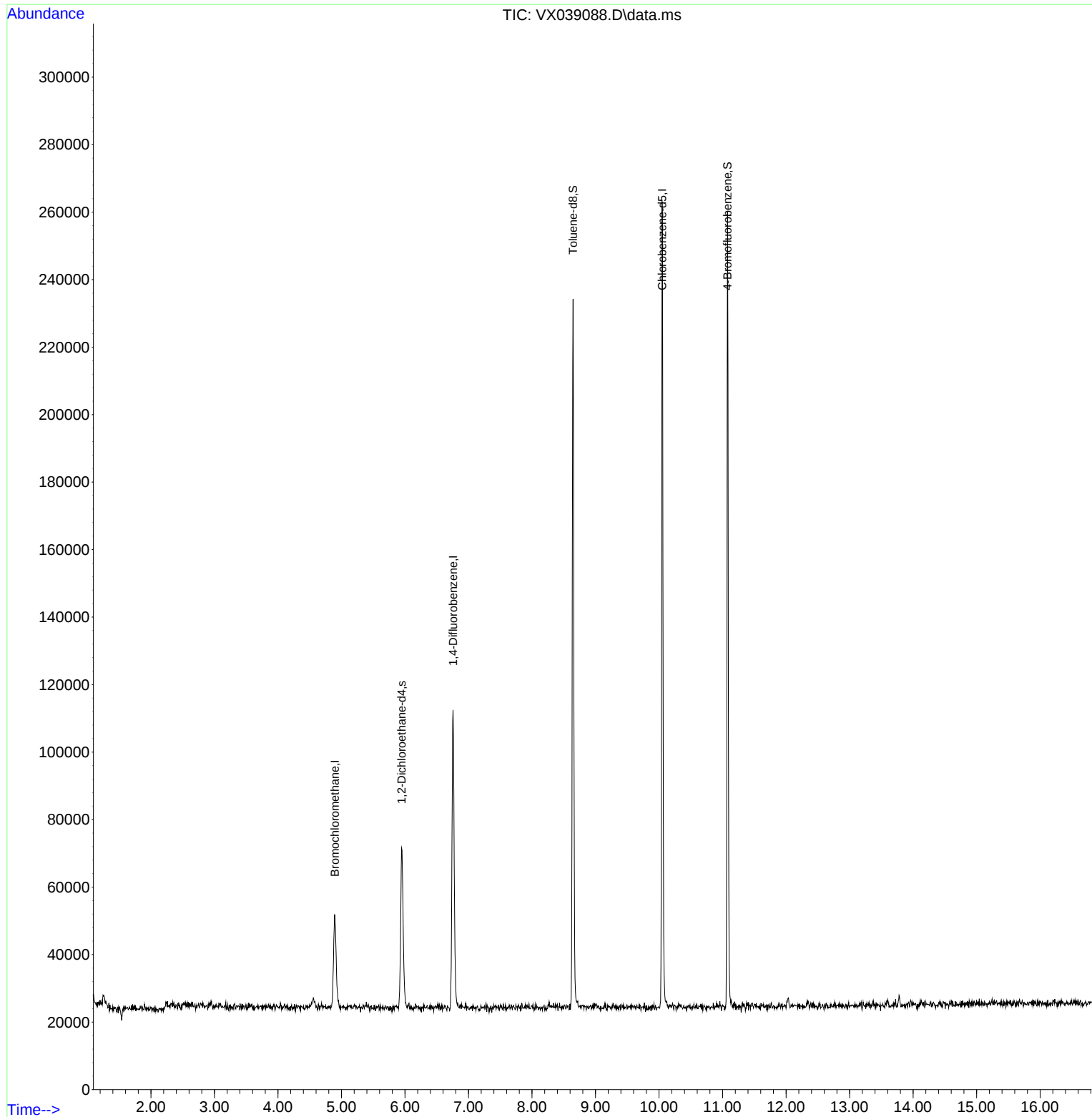
Target Compounds	Qvalue

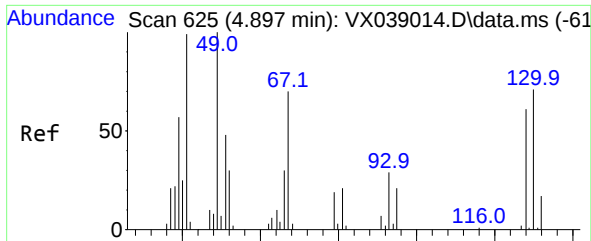
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.897 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX039088.D

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Instrument :

MSVOA_X

ClientSampleId :

VX1206WBL01

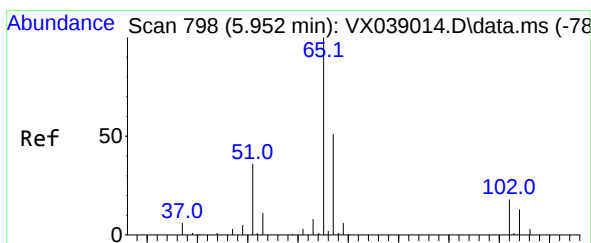
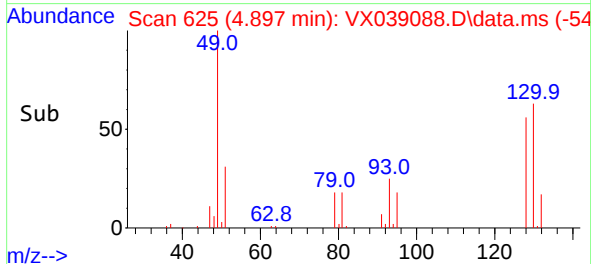
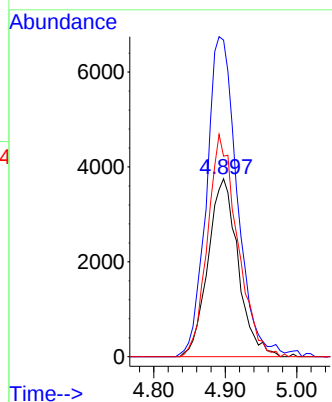
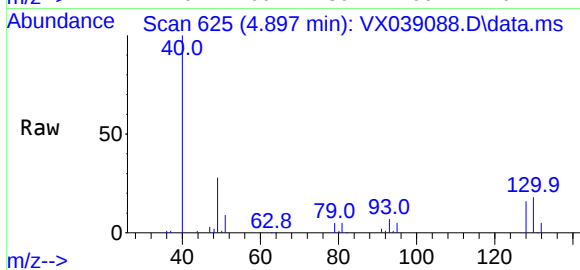
Tgt Ion:128 Resp: 10976

Ion Ratio Lower Upper

128 100

49 181.6 0.0 444.0

130 123.9 0.0 297.8



#27

1,2-Dichloroethane-d4

Concen: 29.862 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX039088.D

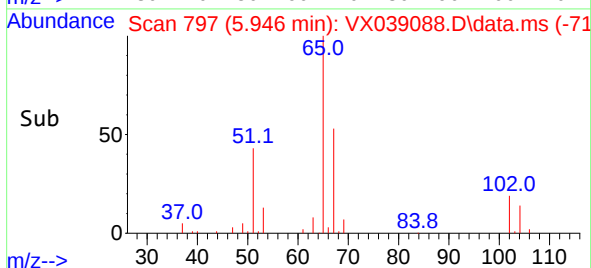
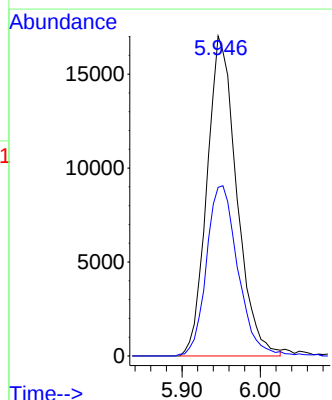
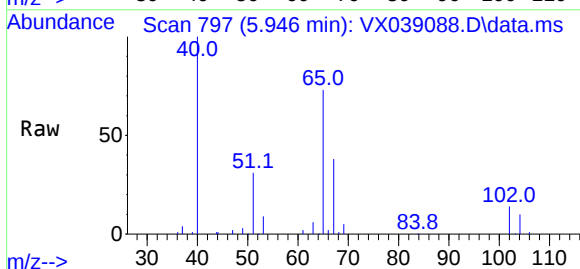
Acq: 06 Dec 2023 12:07

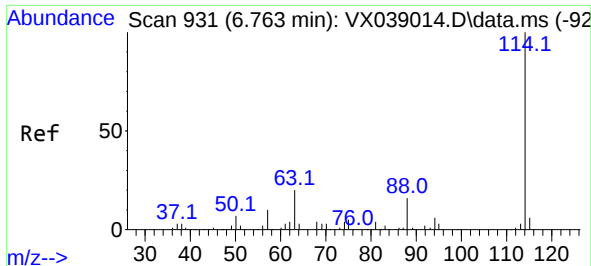
Tgt Ion: 65 Resp: 44841

Ion Ratio Lower Upper

65 100

67 56.2 42.5 63.7



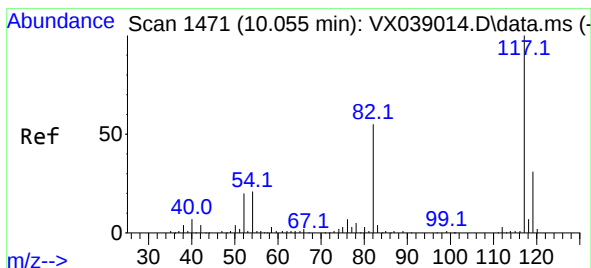
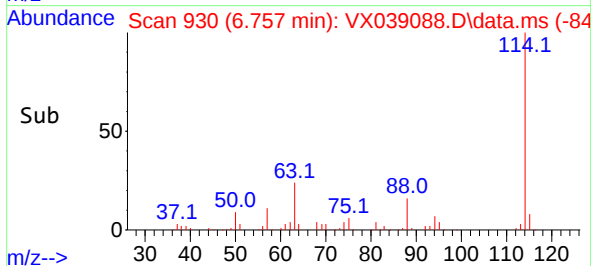
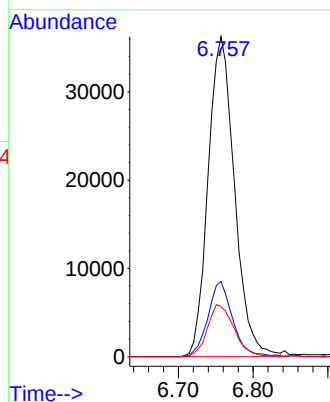
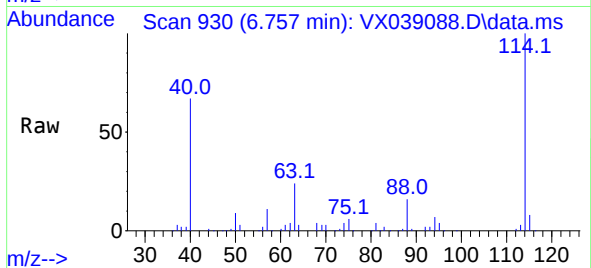


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039088.D
Acq: 06 Dec 2023 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBL01

Tgt Ion:114 Resp: 89091

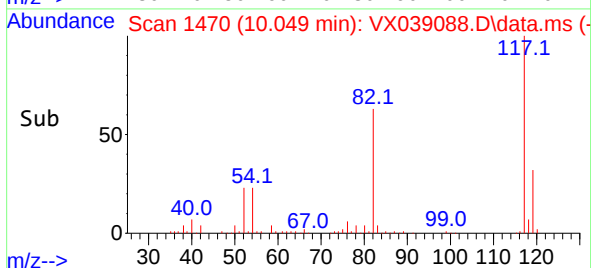
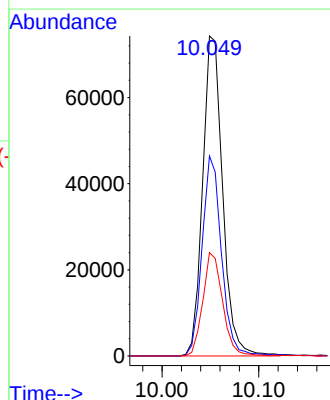
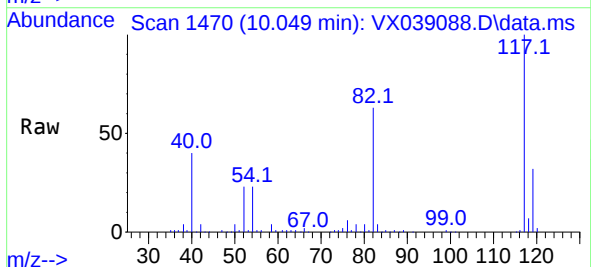
Ion	Ratio	Lower	Upper
114	100		
63	21.8	17.0	25.4
88	16.3	12.7	19.1

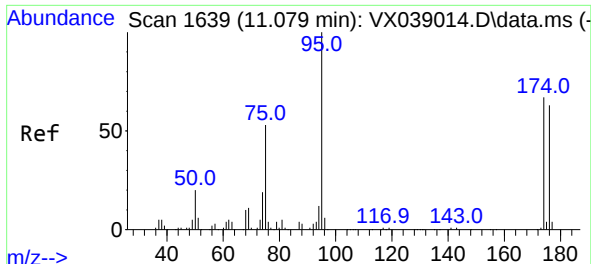


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039088.D
Acq: 06 Dec 2023 12:07

Tgt Ion:117 Resp: 107104

Ion	Ratio	Lower	Upper
117	100		
82	60.8	47.0	70.6
119	31.8	25.2	37.8

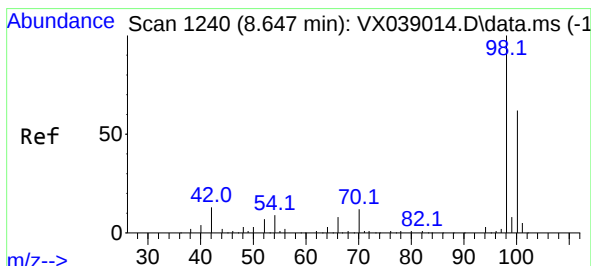
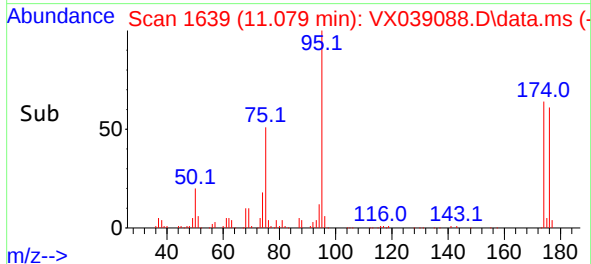
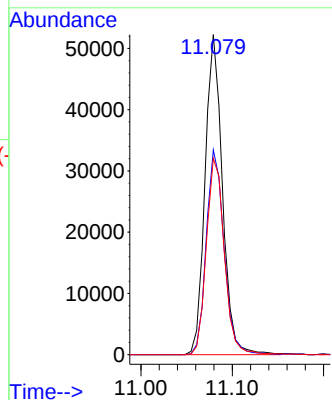
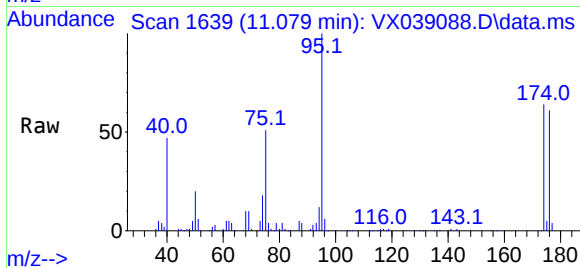




#60
4-Bromofluorobenzene
Concen: 29.406 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039088.D
Acq: 06 Dec 2023 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBL01

Tgt Ion: 95 Resp: 68790
Ion Ratio Lower Upper
95 100
174 65.6 55.4 83.2
176 63.2 52.6 78.8



#63
Toluene-d8
Concen: 29.894 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039088.D
Acq: 06 Dec 2023 12:07

Tgt Ion: 98 Resp: 126588
Ion Ratio Lower Upper
98 100
100 64.9 51.0 76.4

