

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043014.D
 Acq On : 13 Aug 2024 14:51
 Operator : JC/MD
 Sample : VX0813WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBL01

Quant Time: Aug 14 04:33:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	28853	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	167561	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	143873	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	64154	27.468	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.567%
60) 4-Bromofluorobenzene	11.079	95	66201	27.105	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.333%
63) Toluene-d8	8.647	98	202011	30.566	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.900%

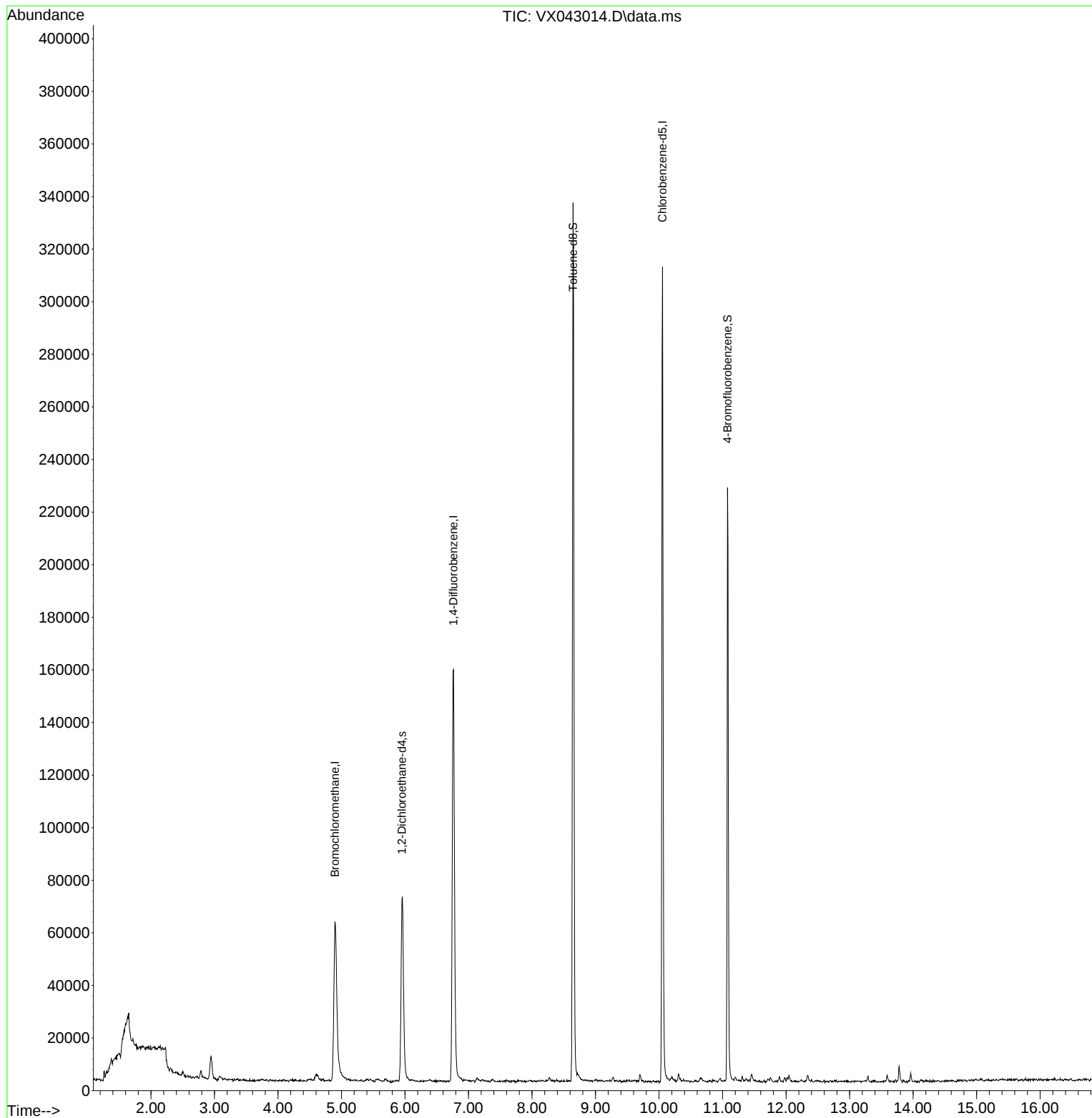
Target Compounds	Qvalue

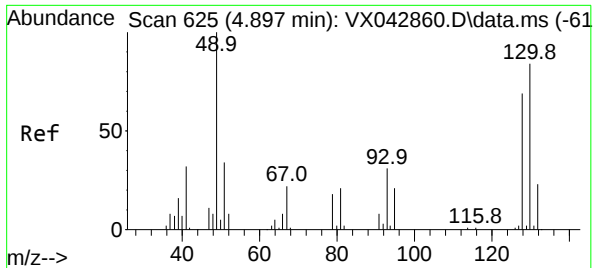
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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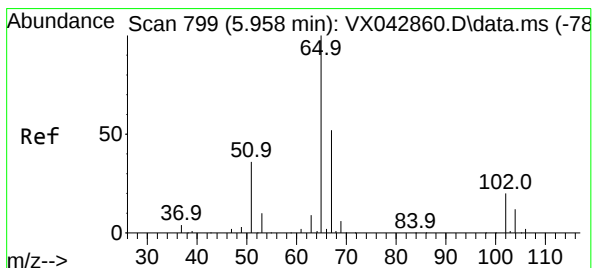
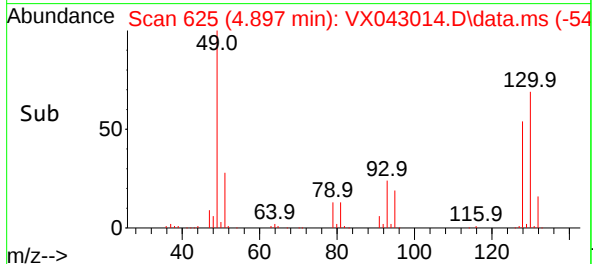
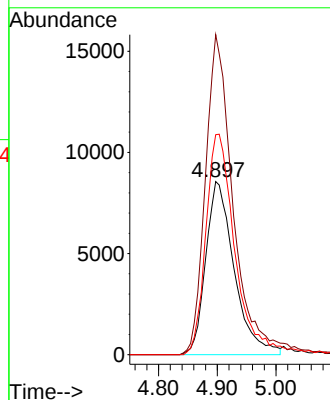
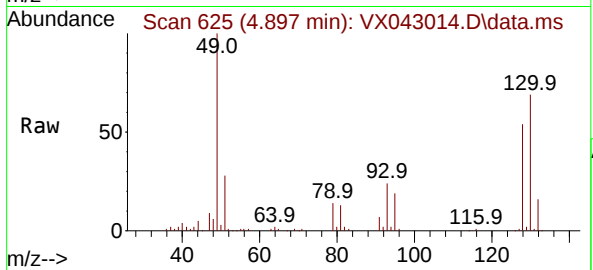




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX043014.D
Acq: 13 Aug 2024 14:51

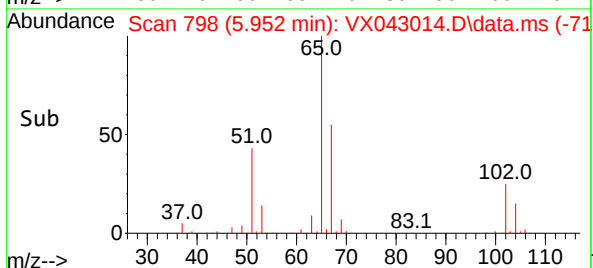
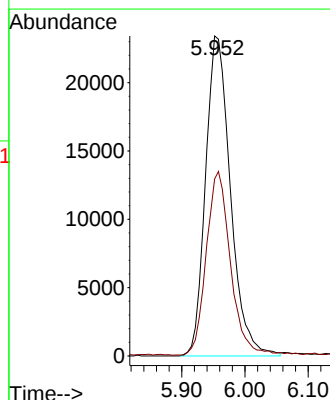
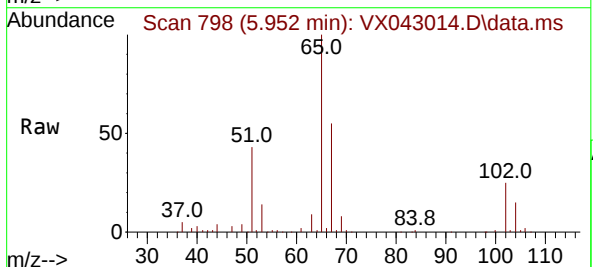
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

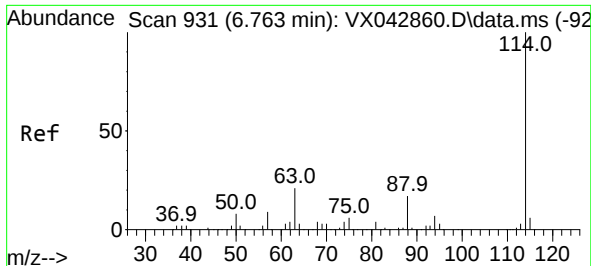
Tgt Ion:128 Resp: 28853
Ion Ratio Lower Upper
128 100
49 175.0 0.0 400.5
130 126.5 0.0 333.0



#27
1,2-Dichloroethane-d4
Concen: 27.468 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX043014.D
Acq: 13 Aug 2024 14:51

Tgt Ion: 65 Resp: 64154
Ion Ratio Lower Upper
65 100
67 55.4 40.6 60.8

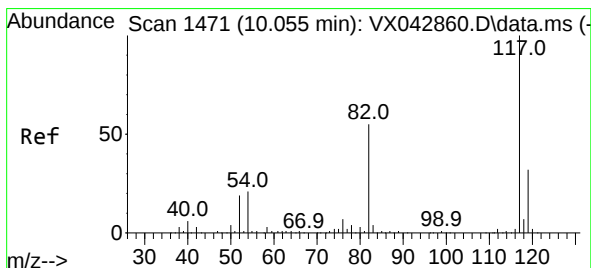
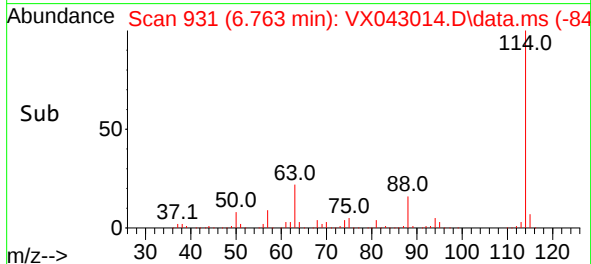
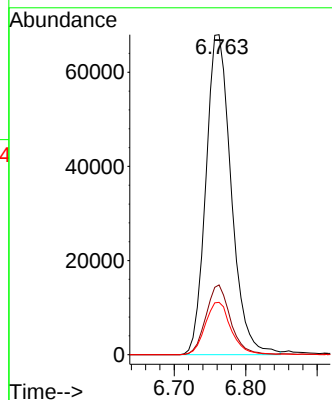
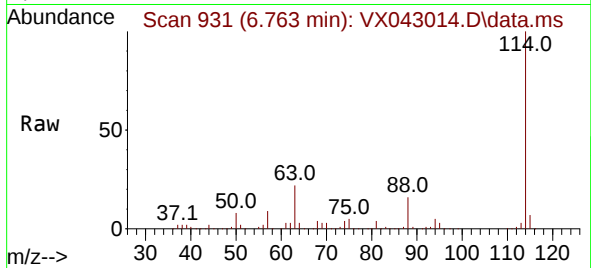




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043014.D
Acq: 13 Aug 2024 14:51

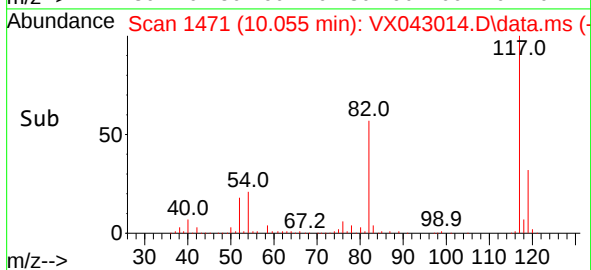
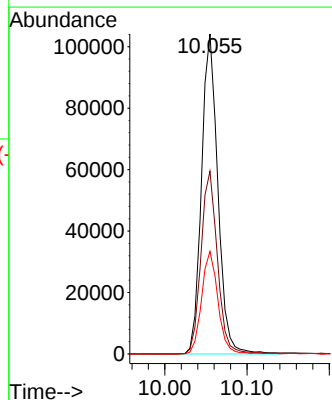
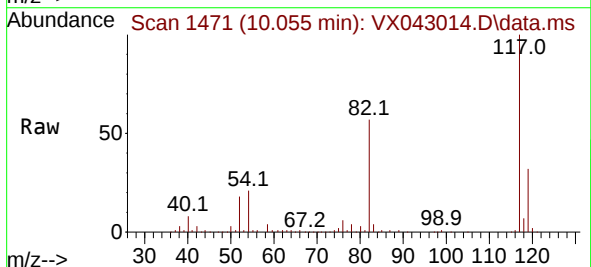
Instrument :
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ClientSampleId :
VX0813WBL01

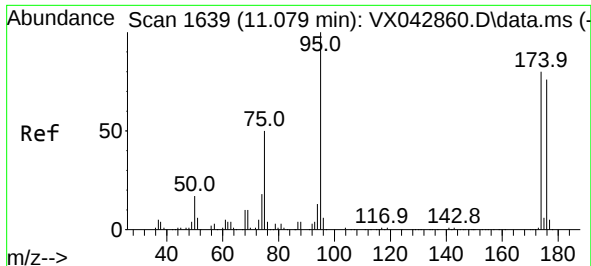
Tgt Ion:114 Resp: 167561
Ion Ratio Lower Upper
114 100
63 21.1 16.0 24.0
88 16.7 12.5 18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043014.D
Acq: 13 Aug 2024 14:51

Tgt Ion:117 Resp: 143873
Ion Ratio Lower Upper
117 100
82 57.2 44.9 67.3
119 31.9 25.4 38.2

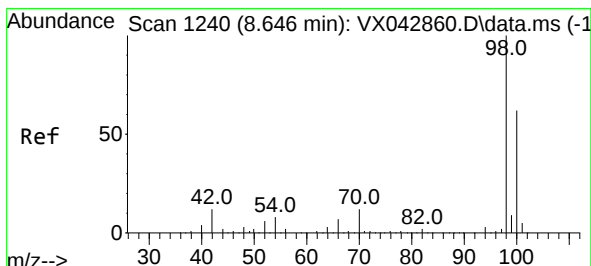
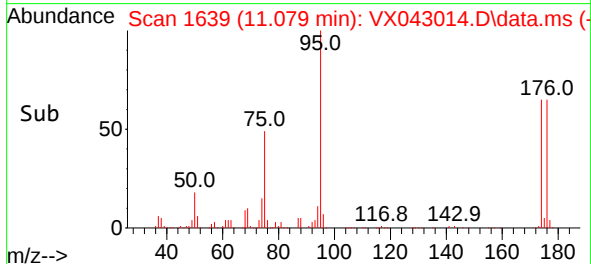
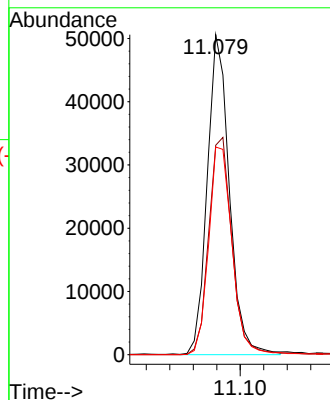
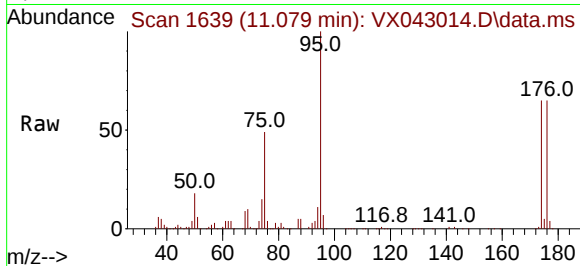




#60
4-Bromofluorobenzene
Concen: 27.105 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043014.D
Acq: 13 Aug 2024 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

Tgt Ion: 95 Resp: 66201
Ion Ratio Lower Upper
95 100
174 71.0 65.0 97.6
176 69.0 63.4 95.0



#63
Toluene-d8
Concen: 30.566 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043014.D
Acq: 13 Aug 2024 14:51

Tgt Ion: 98 Resp: 202011
Ion Ratio Lower Upper
98 100
100 66.8 50.9 76.3

