

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033451.D
 Acq On : 16 Dec 2022 10:53
 Operator : JC/MD
 Sample : VX1216WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBL01

Quant Time: Dec 17 07:44:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	12863	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	90341	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	96718	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	35806	31.695	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.667%
60) 4-Bromofluorobenzene	11.079	95	49264	27.502	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.667%
63) Toluene-d8	8.647	98	95028	29.536	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.467%

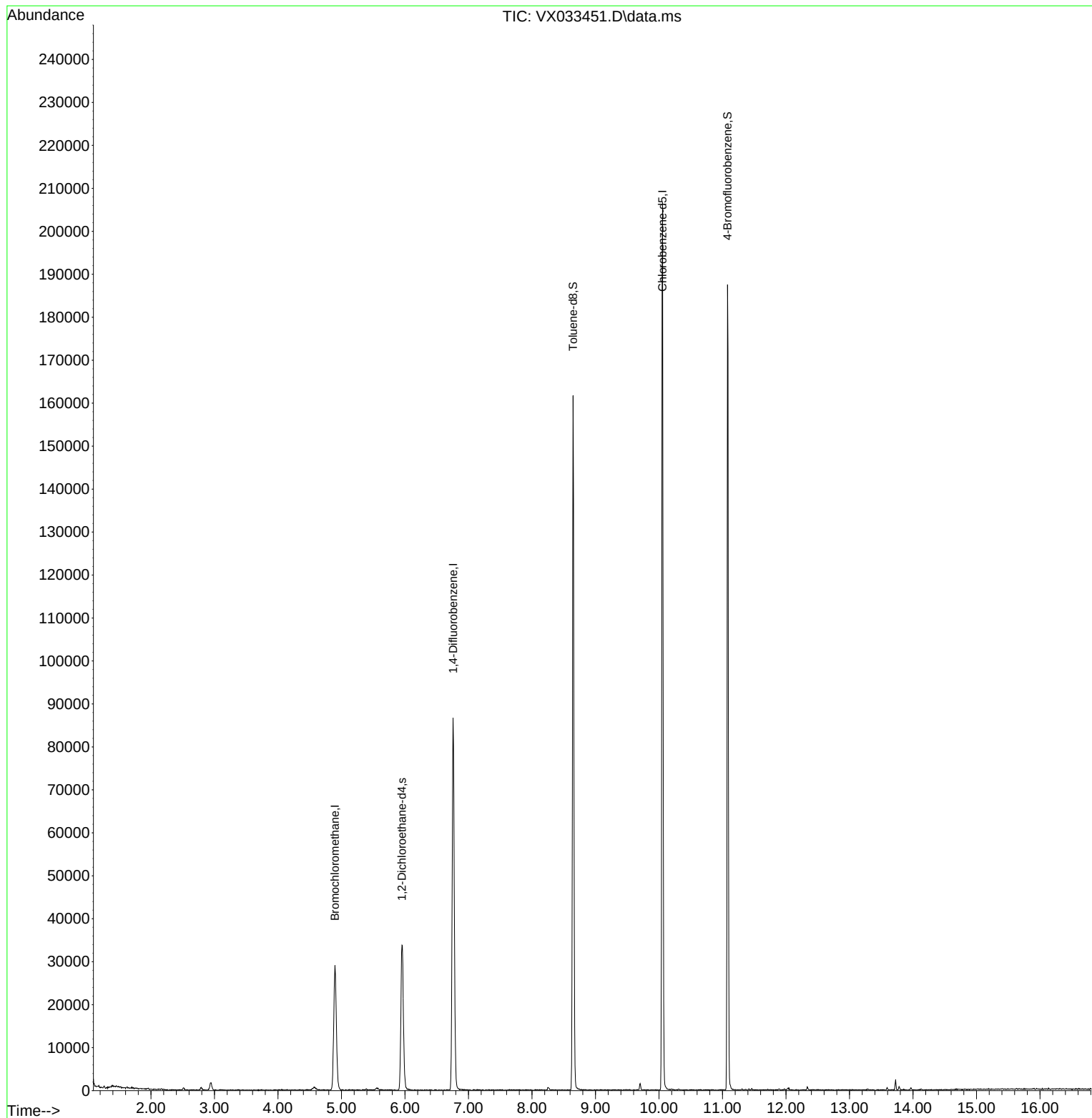
Target Compounds	Qvalue

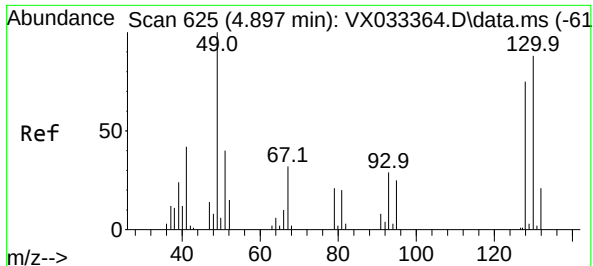
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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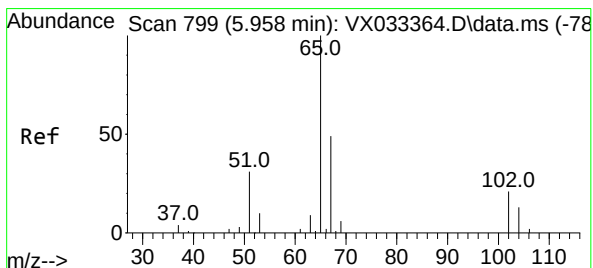
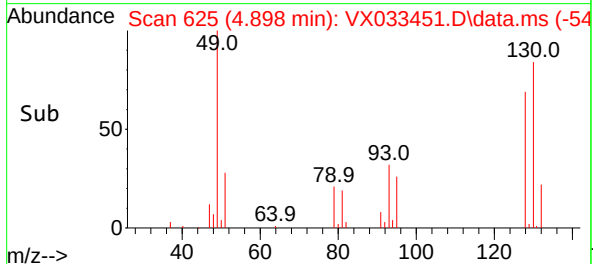
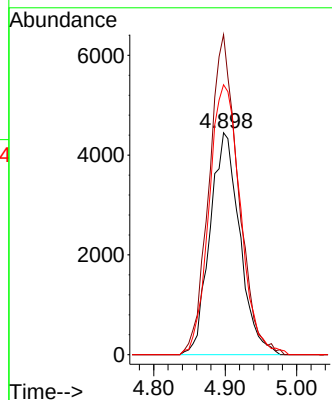
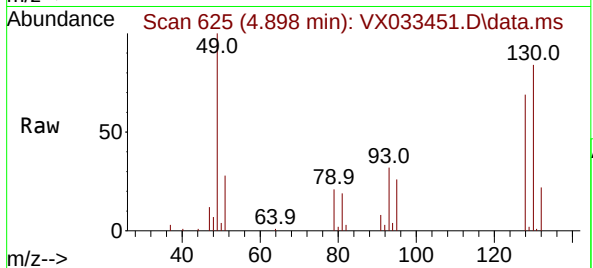




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX033451.D
Acq: 16 Dec 2022 10:53

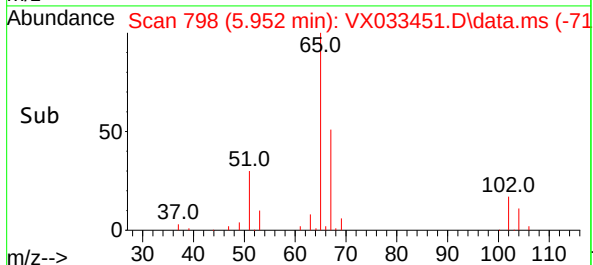
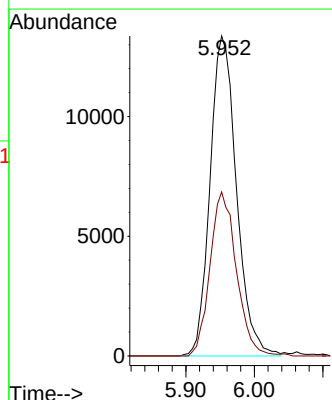
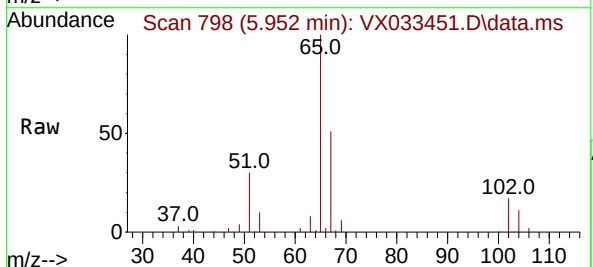
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL01

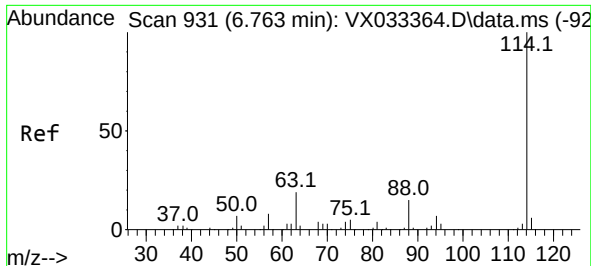
Tgt Ion:128 Resp: 12863
Ion Ratio Lower Upper
128 100
49 141.5 0.0 339.5
130 128.1 0.0 318.0



#27
1,2-Dichloroethane-d4
Concen: 31.695 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033451.D
Acq: 16 Dec 2022 10:53

Tgt Ion: 65 Resp: 35806
Ion Ratio Lower Upper
65 100
67 51.0 39.8 59.8

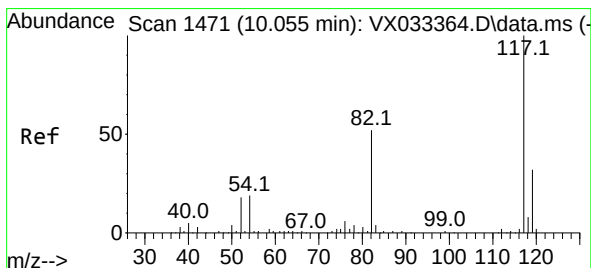
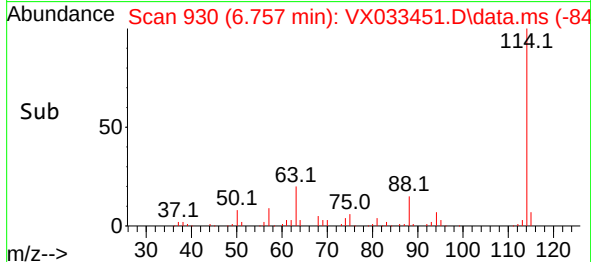
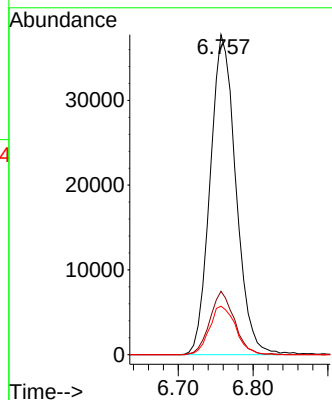
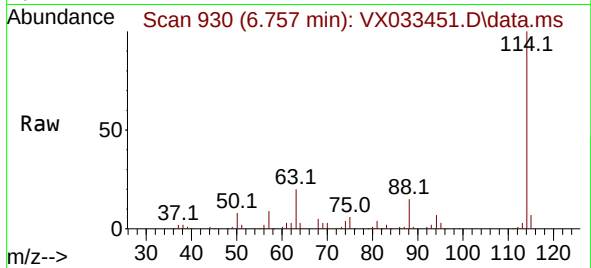




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033451.D
Acq: 16 Dec 2022 10:53

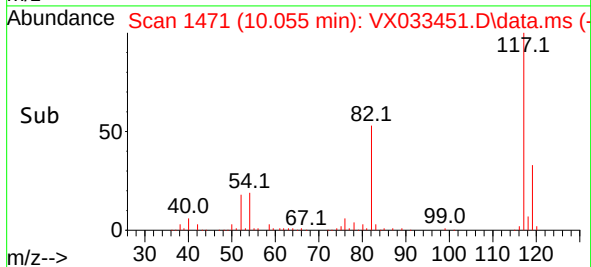
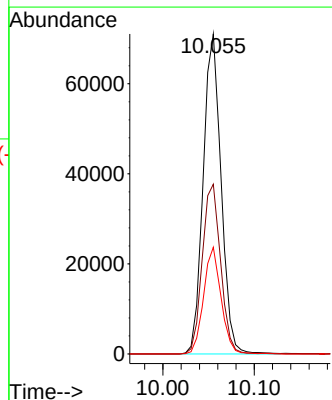
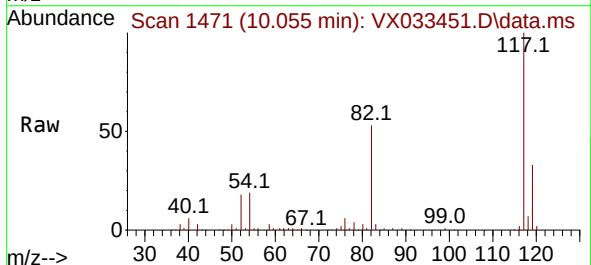
Instrument :
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ClientSampleId :
VX1216WBL01

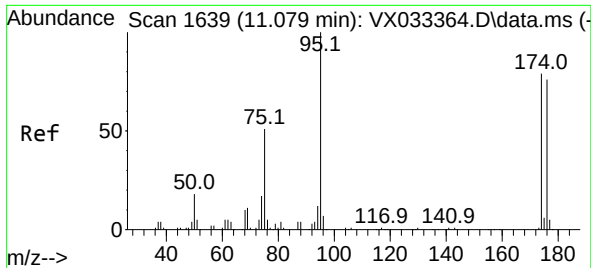
Tgt Ion:114 Resp: 90341
Ion Ratio Lower Upper
114 100
63 18.8 15.2 22.8
88 15.5 12.2 18.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033451.D
Acq: 16 Dec 2022 10:53

Tgt Ion:117 Resp: 96718
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 32.5 25.6 38.4

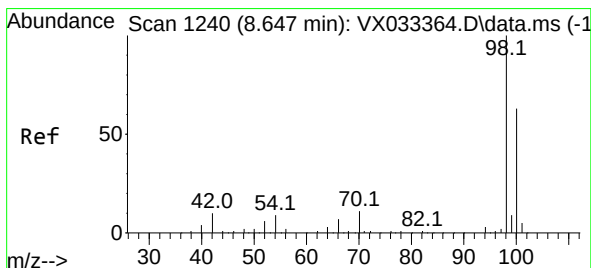
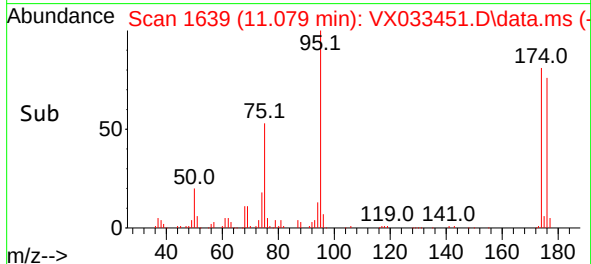
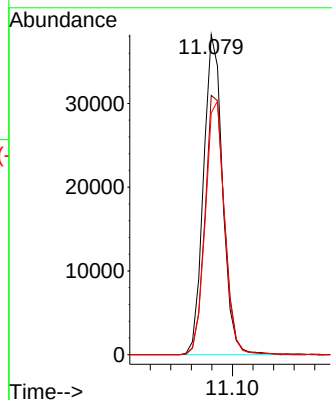
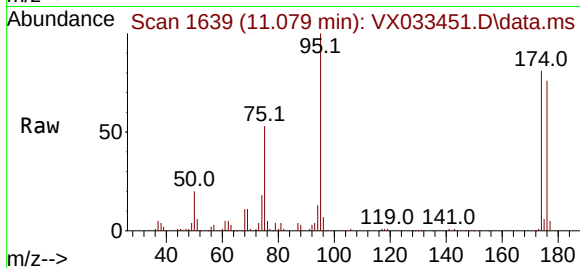




#60
4-Bromofluorobenzene
Concen: 27.502 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033451.D
Acq: 16 Dec 2022 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL01

Tgt Ion: 95 Resp: 49264
Ion Ratio Lower Upper
95 100
174 83.2 65.9 98.9
176 80.1 63.3 94.9



#63
Toluene-d8
Concen: 29.536 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033451.D
Acq: 16 Dec 2022 10:53

Tgt Ion: 98 Resp: 95028
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.2

