

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120823\
 Data File : VX039103.D
 Acq On : 08 Dec 2023 14:00
 Operator : JC/MD
 Sample : 05717-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20231207

Quant Time: Dec 08 23:48:31 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	4.904	128	10260	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	82609	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	100643	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	42679	30.406	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.367%
60) 4-Bromofluorobenzene	11.079	95	64090	29.155	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.200%
63) Toluene-d8	8.647	98	119122	29.937	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.800%

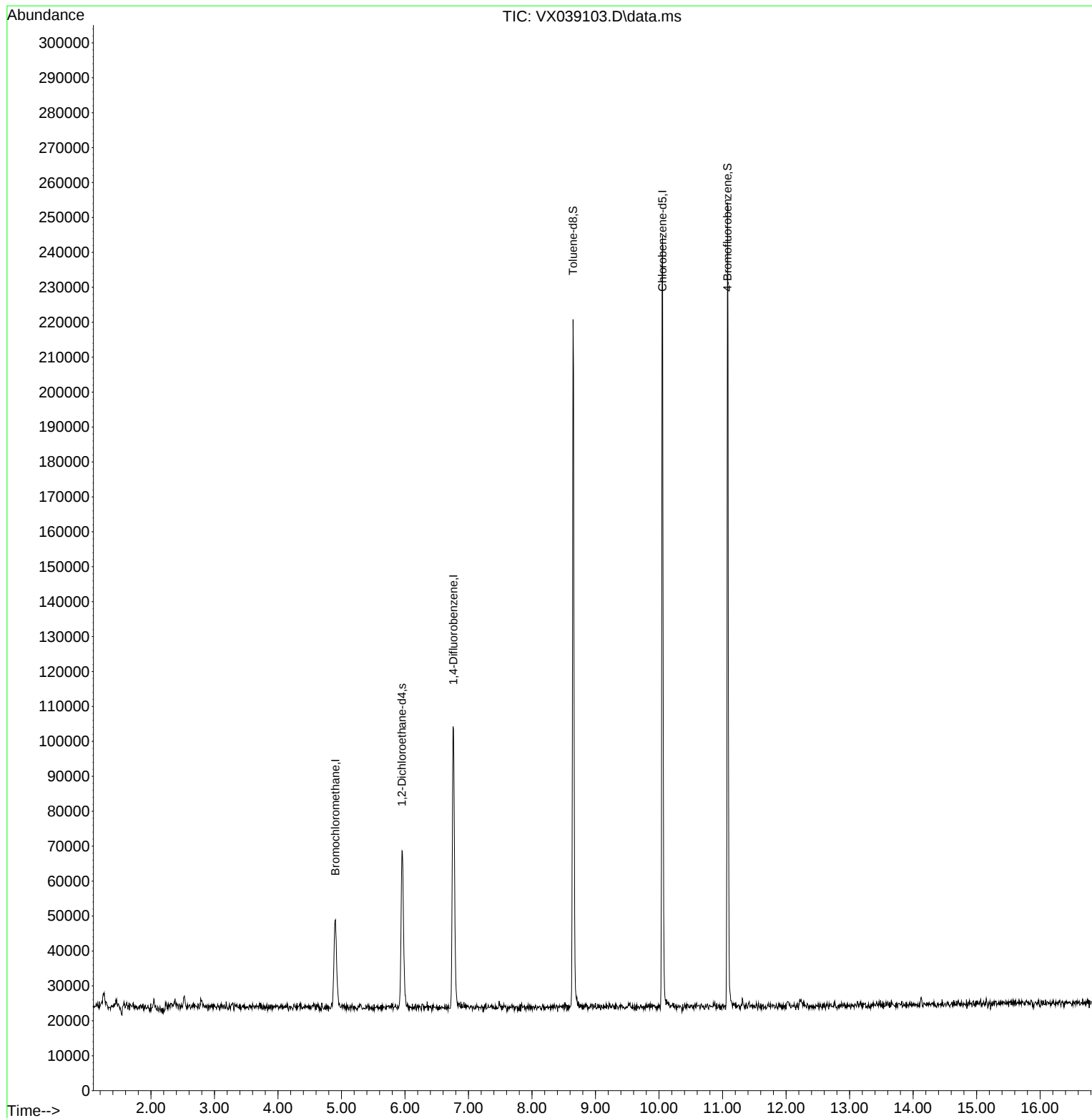
Target Compounds	Qvalue

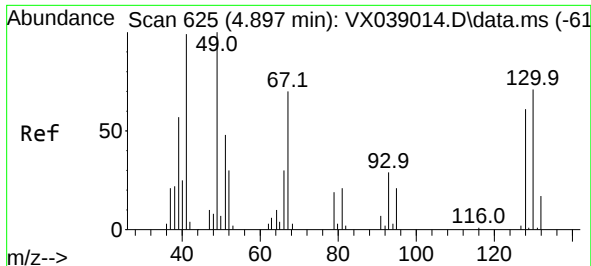
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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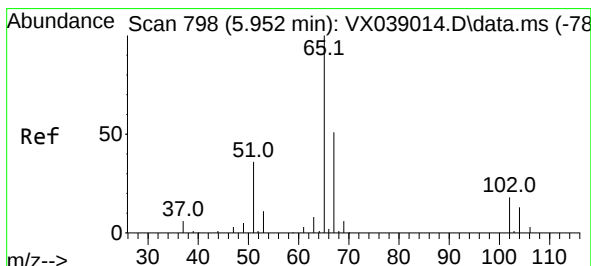
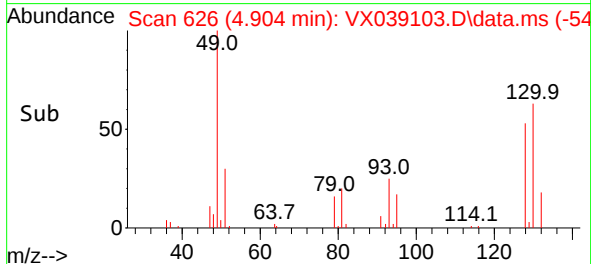
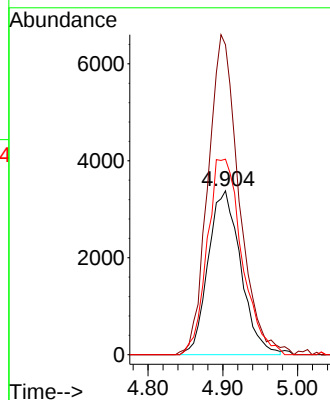
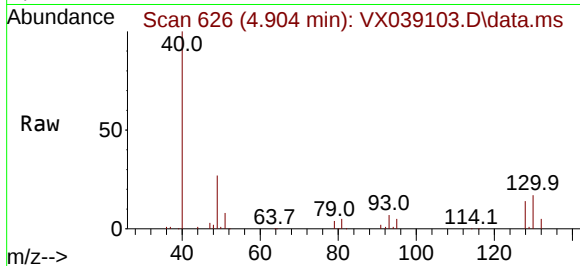




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX039103.D
Acq: 08 Dec 2023 14:00

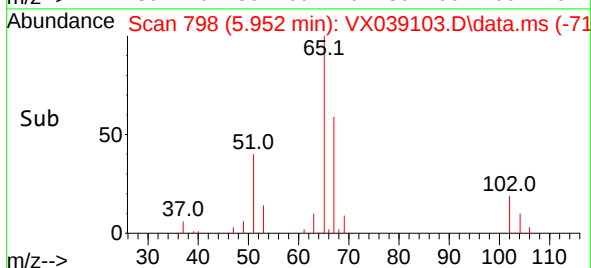
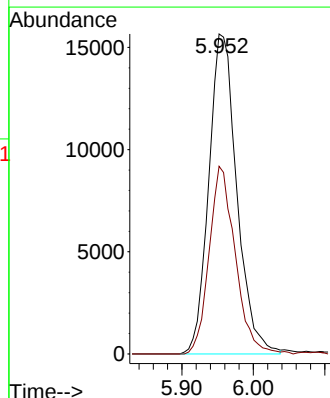
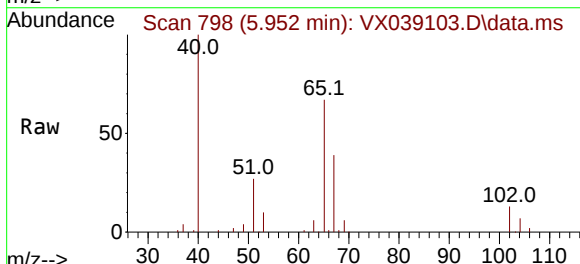
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20231207

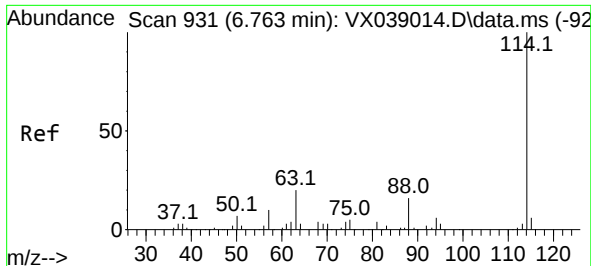
Tgt Ion:128 Resp: 10260
Ion Ratio Lower Upper
128 100
49 186.2 0.0 444.0
130 127.1 0.0 297.8



#27
1,2-Dichloroethane-d4
Concen: 30.406 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039103.D
Acq: 08 Dec 2023 14:00

Tgt Ion: 65 Resp: 42679
Ion Ratio Lower Upper
65 100
67 54.4 42.5 63.7

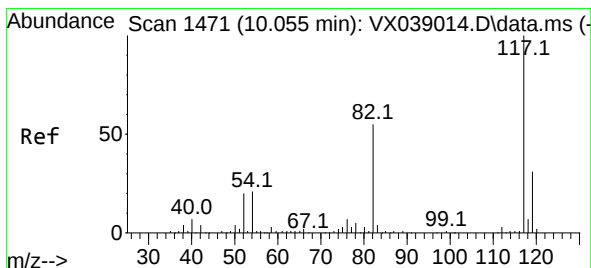
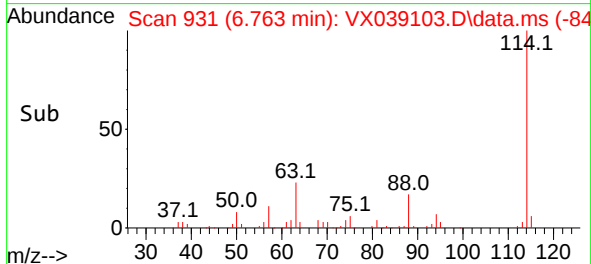
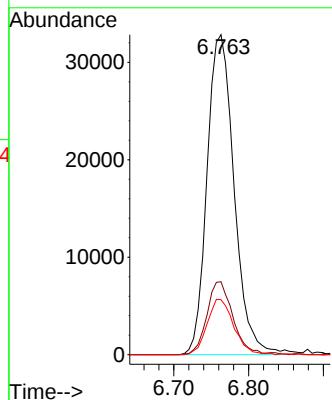
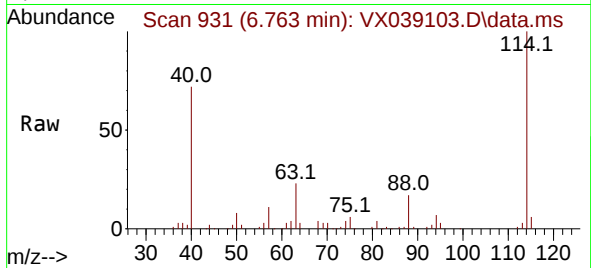




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039103.D
Acq: 08 Dec 2023 14:00

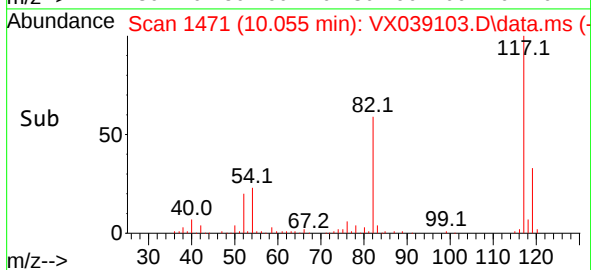
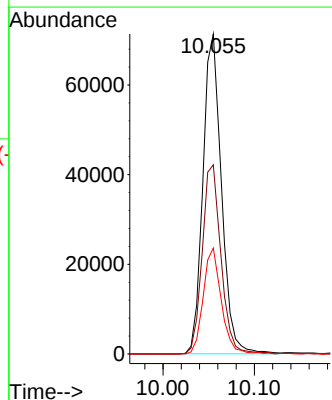
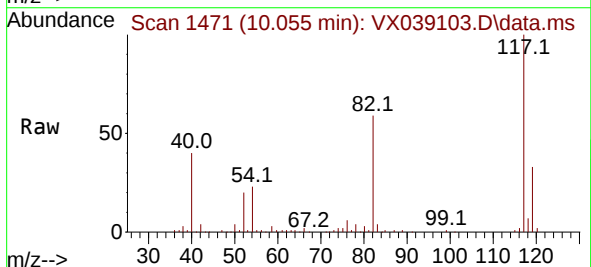
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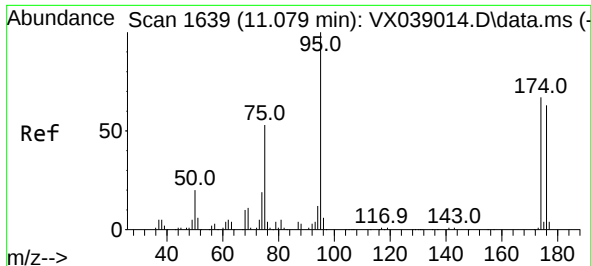
Tgt Ion:114 Resp: 82609
Ion Ratio Lower Upper
114 100
63 21.8 17.0 25.4
88 16.9 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039103.D
Acq: 08 Dec 2023 14:00

Tgt Ion:117 Resp: 100643
Ion Ratio Lower Upper
117 100
82 60.0 47.0 70.6
119 32.0 25.2 37.8

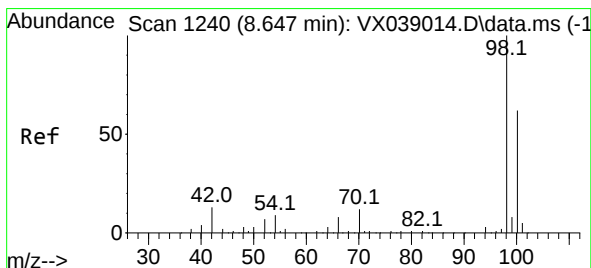
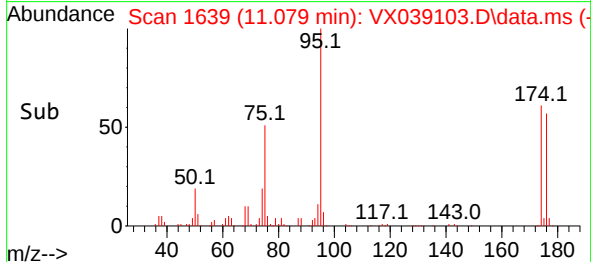
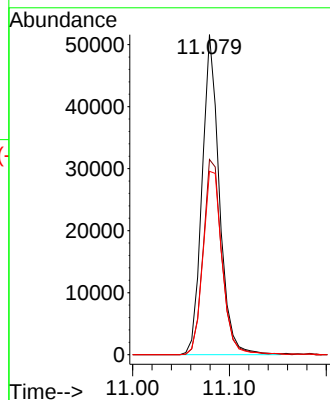
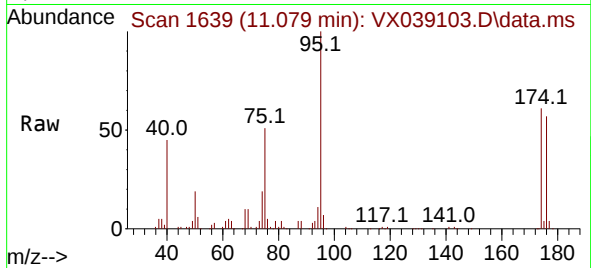




#60
4-Bromofluorobenzene
Concen: 29.155 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039103.D
Acq: 08 Dec 2023 14:00

Instrument :
MSVOA_X
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Tgt Ion: 95 Resp: 64090
Ion Ratio Lower Upper
95 100
174 65.9 55.4 83.2
176 64.2 52.6 78.8



#63
Toluene-d8
Concen: 29.937 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039103.D
Acq: 08 Dec 2023 14:00

Tgt Ion: 98 Resp: 119122
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.4

