

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121523\
 Data File : VX039226.D
 Acq On : 15 Dec 2023 12:02
 Operator : JC/MD
 Sample : 05840-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 231213048-03-TRIP-BLANK

Quant Time: Dec 16 01:13:38 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	4.898	128	7977	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	65848	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	79175	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	36171	33.145	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.467%#
60) 4-Bromofluorobenzene	11.079	95	52535	30.379	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.267%
63) Toluene-d8	8.647	98	91969	29.380	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.933%

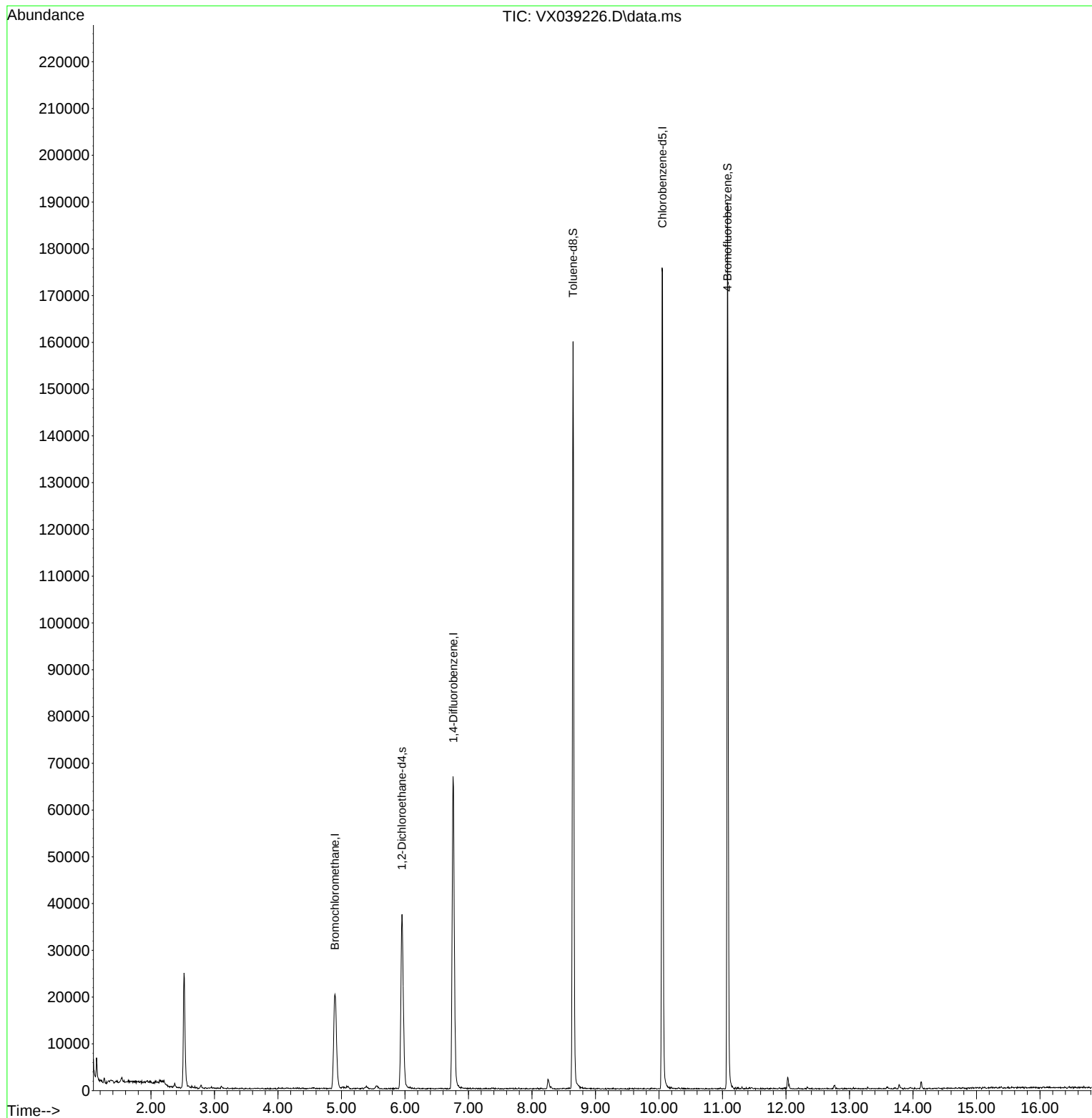
Target Compounds	Qvalue

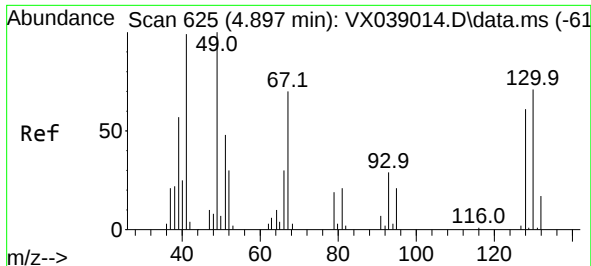
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX039226.D

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Instrument :

MSVOA_X

ClientSampleId :

231213048-03-TRIP-BLANK

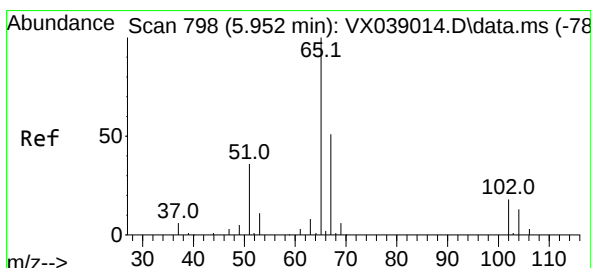
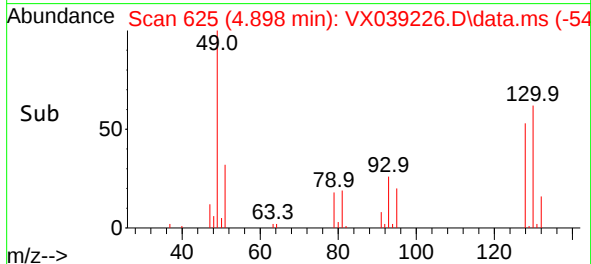
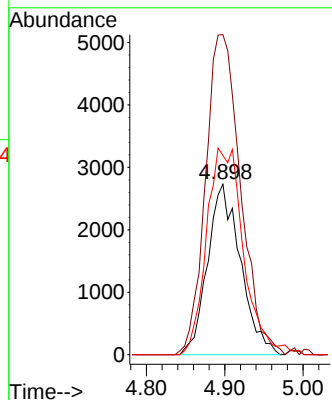
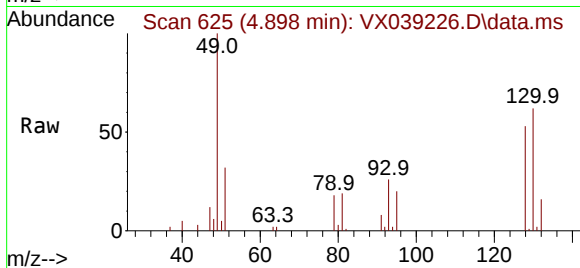
Tgt Ion:128 Resp: 7977

Ion Ratio Lower Upper

128 100

49 199.7 0.0 444.0

130 80.9 0.0 297.8



#27

1,2-Dichloroethane-d4

Concen: 33.145 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039226.D

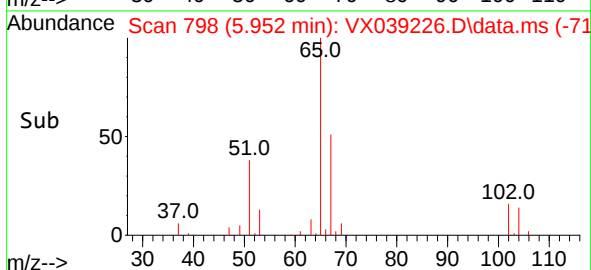
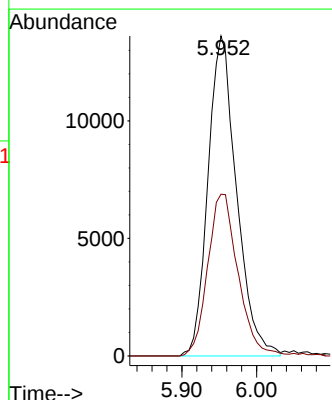
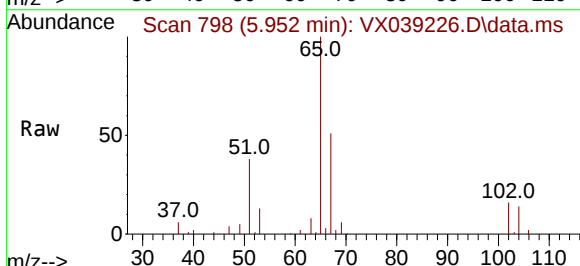
Acq: 15 Dec 2023 12:02

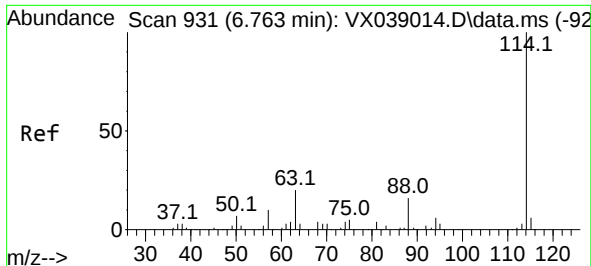
Tgt Ion: 65 Resp: 36171

Ion Ratio Lower Upper

65 100

67 53.5 42.5 63.7

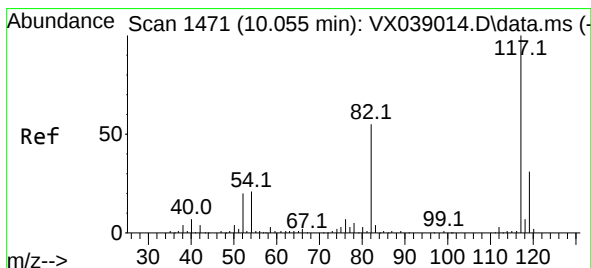
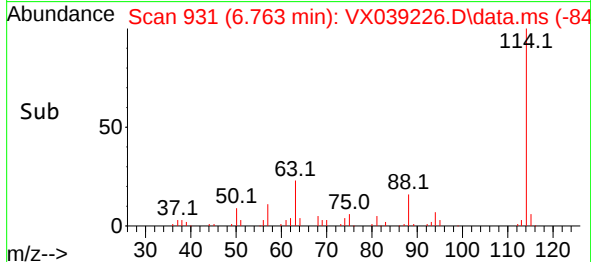
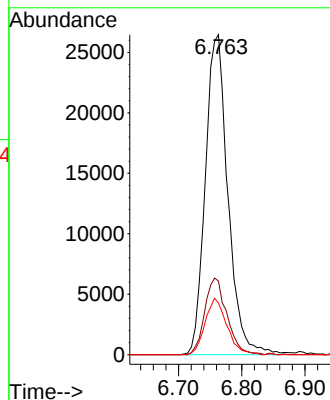
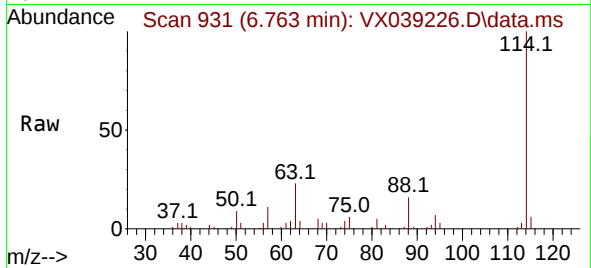




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039226.D
Acq: 15 Dec 2023 12:02

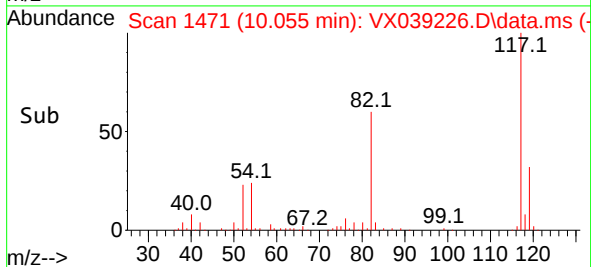
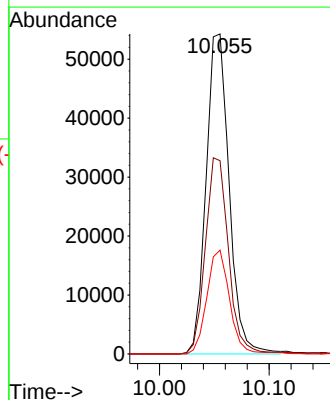
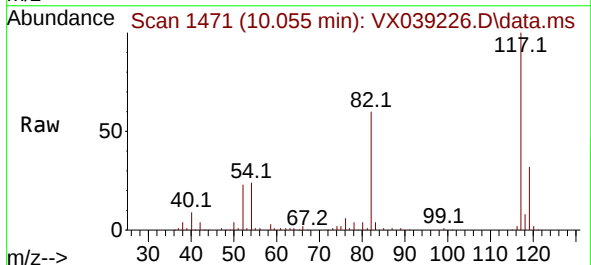
Instrument :
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ClientSampleId :
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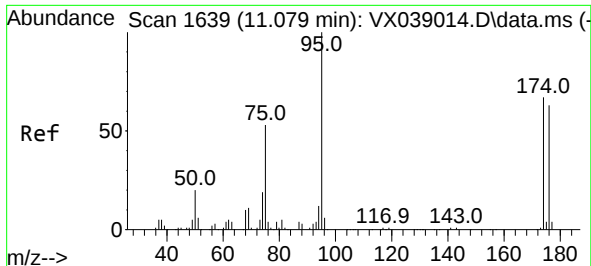
Tgt Ion:114 Resp: 65848
Ion Ratio Lower Upper
114 100
63 23.4 17.0 25.4
88 16.9 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039226.D
Acq: 15 Dec 2023 12:02

Tgt Ion:117 Resp: 79175
Ion Ratio Lower Upper
117 100
82 61.6 47.0 70.6
119 31.8 25.2 37.8

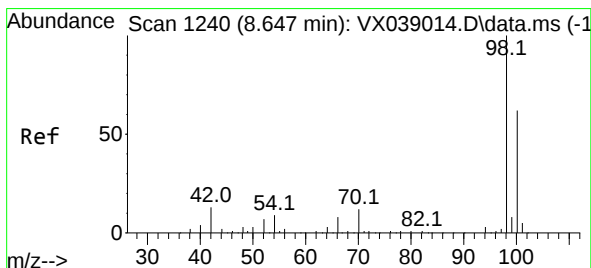
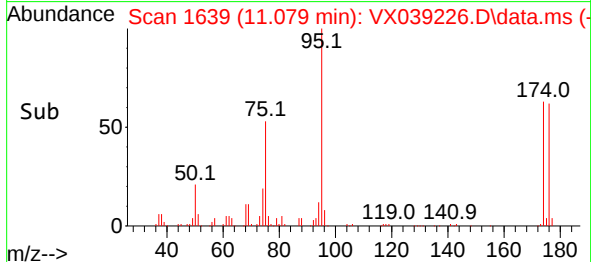
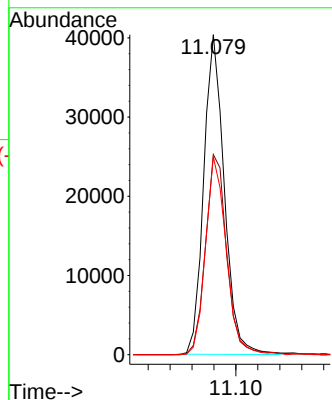
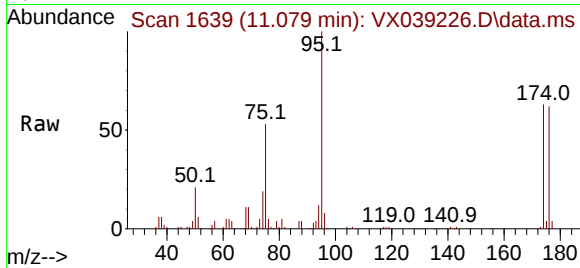




#60
4-Bromofluorobenzene
Concen: 30.379 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039226.D
Acq: 15 Dec 2023 12:02

Instrument :
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Tgt Ion: 95 Resp: 52535
Ion Ratio Lower Upper
95 100
174 65.0 55.4 83.2
176 62.6 52.6 78.8



#63
Toluene-d8
Concen: 29.380 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039226.D
Acq: 15 Dec 2023 12:02

Tgt Ion: 98 Resp: 91969
Ion Ratio Lower Upper
98 100
100 64.7 51.0 76.4

