

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038149.D
 Acq On : 07 Oct 2023 00:38
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 07 06:33:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:30:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	11483	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	91705	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	111046	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	48992	31.230	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.100%
60) 4-Bromofluorobenzene	11.079	95	64561	27.909	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.033%
63) Toluene-d8	8.647	98	130371	30.318	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.067%

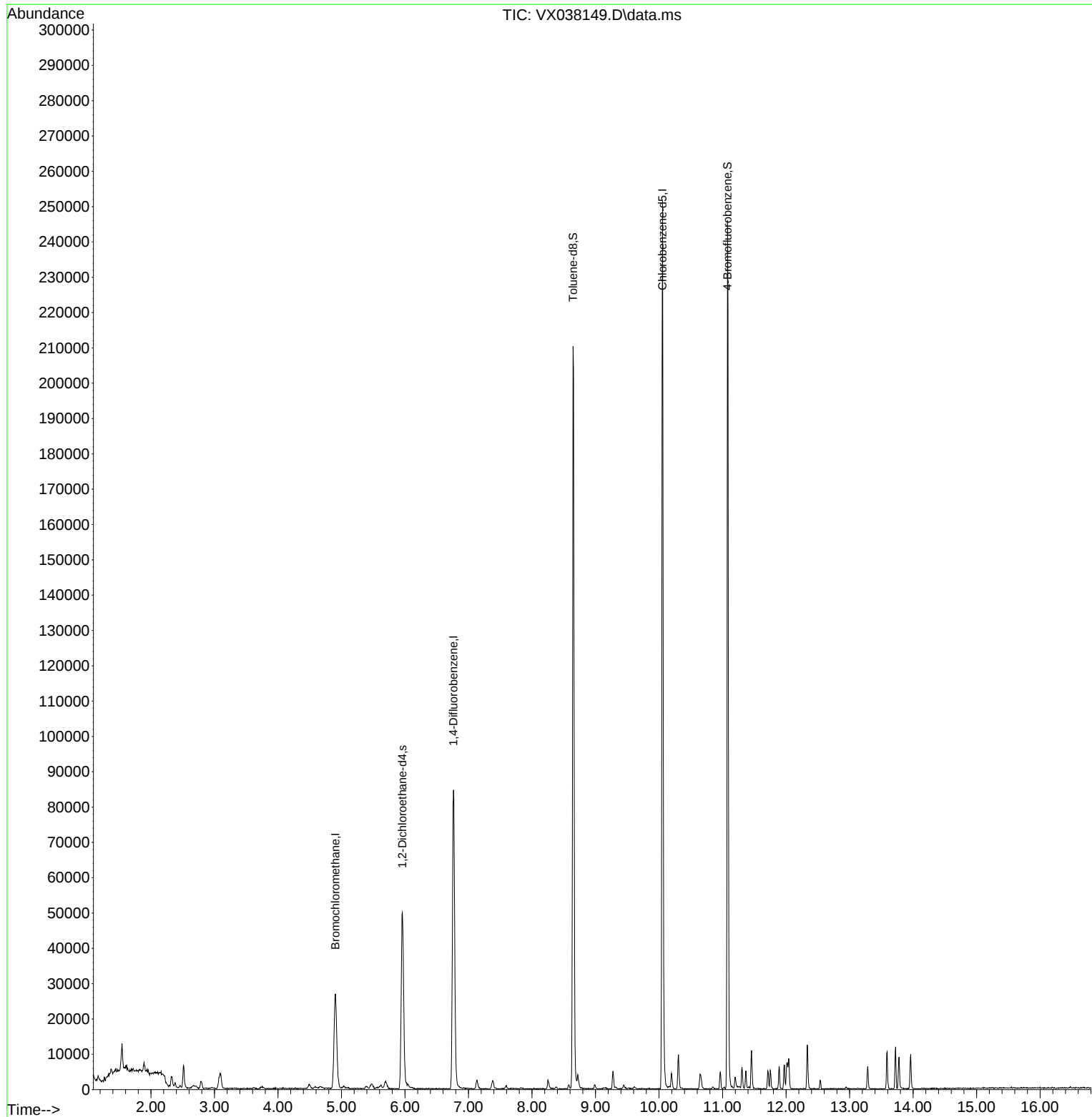
Target Compounds	Qvalue

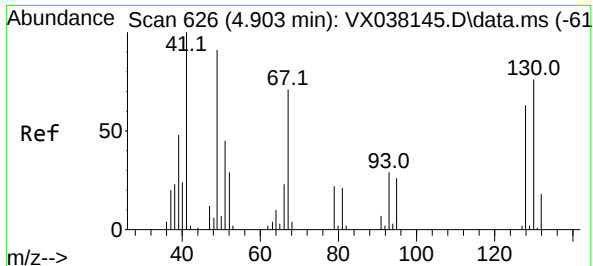
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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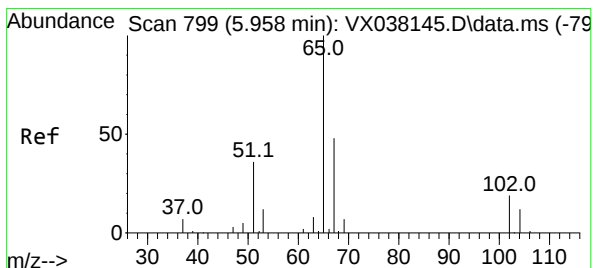
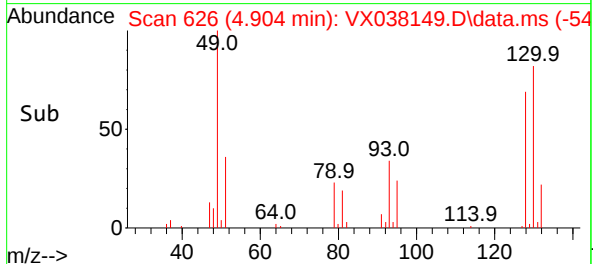
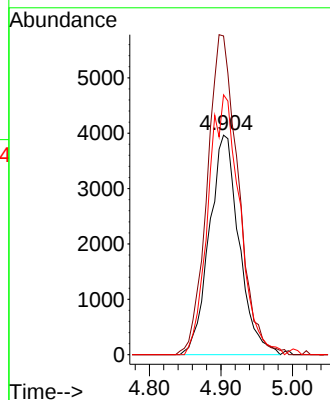
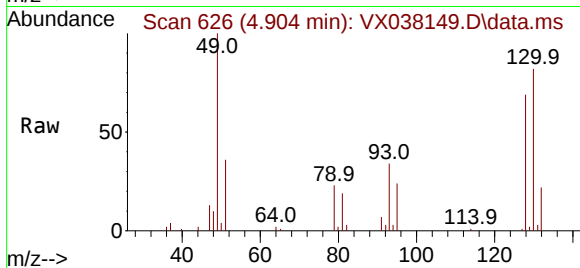




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

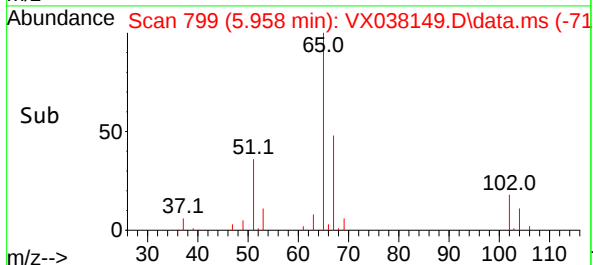
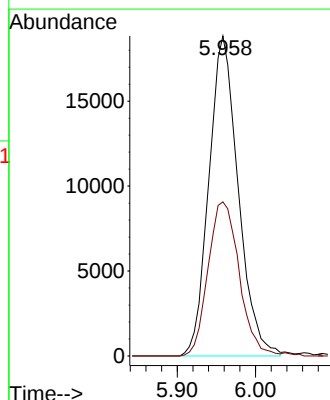
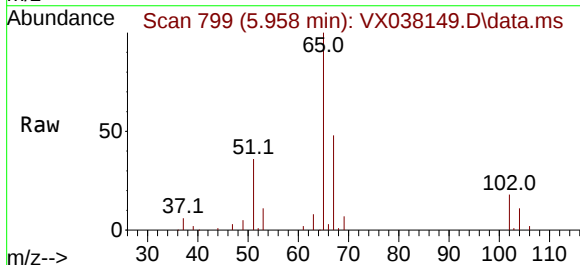
Instrument :
MSVOA_X
ClientSampleId :
IBLK

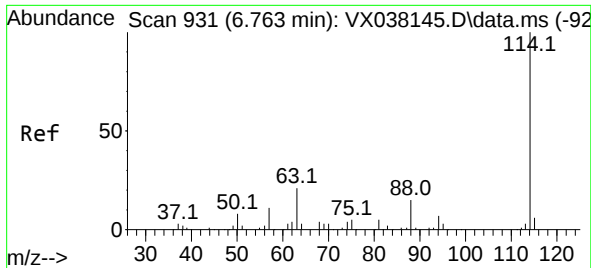
Tgt Ion:128 Resp: 11483
Ion Ratio Lower Upper
128 100
49 151.7 0.0 406.3
130 126.1 0.0 328.0



#27
1,2-Dichloroethane-d4
Concen: 31.230 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion: 65 Resp: 48992
Ion Ratio Lower Upper
65 100
67 51.0 42.1 63.1

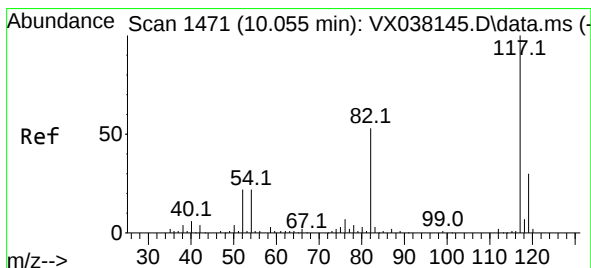
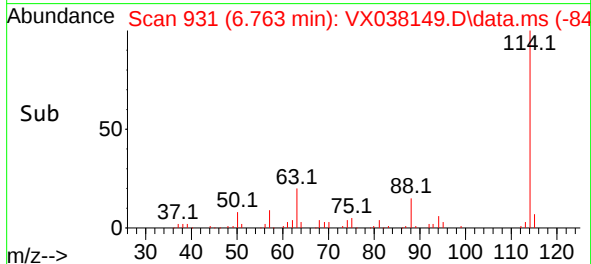
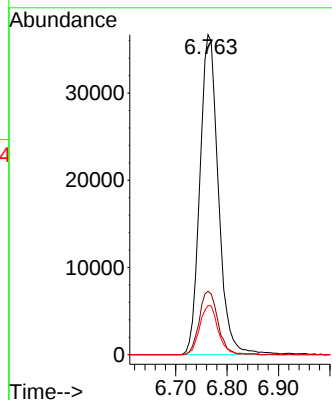
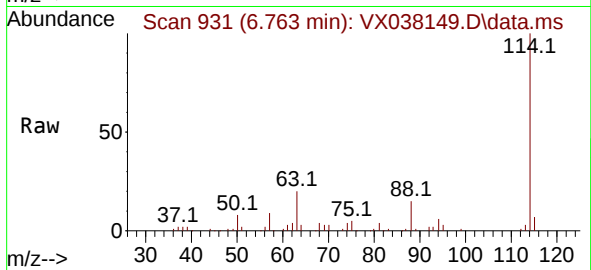




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

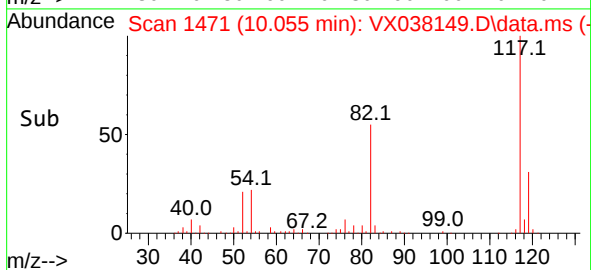
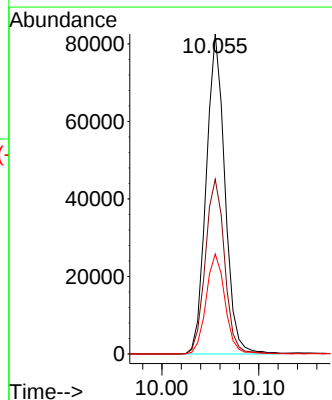
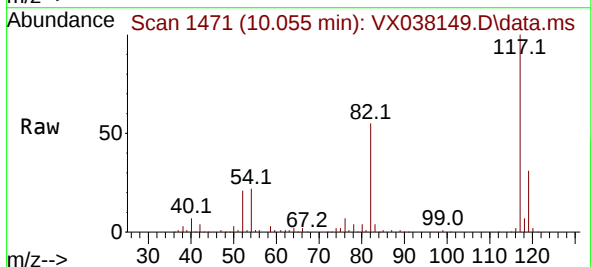
Instrument :
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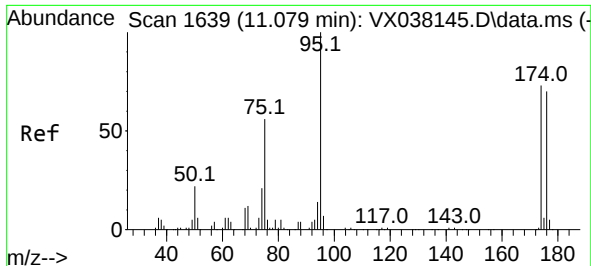
Tgt Ion:114 Resp: 91705
Ion Ratio Lower Upper
114 100
63 19.8 16.6 24.8
88 15.2 12.9 19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion:117 Resp: 111046
Ion Ratio Lower Upper
117 100
82 56.5 44.7 67.1
119 31.8 25.6 38.4

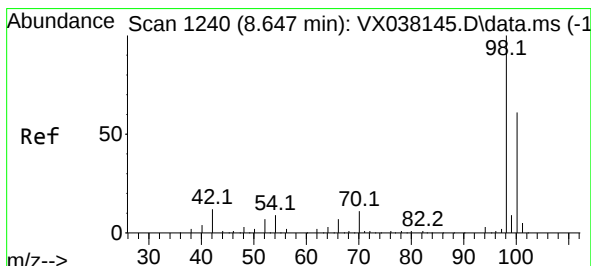
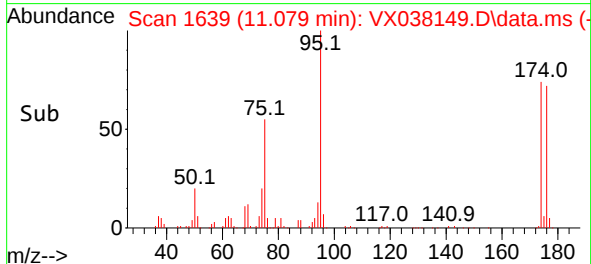
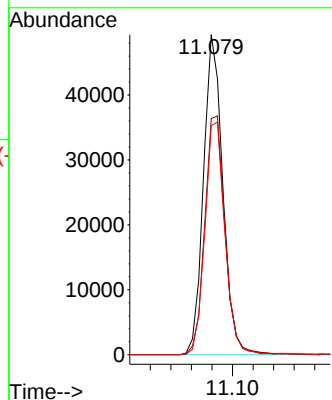
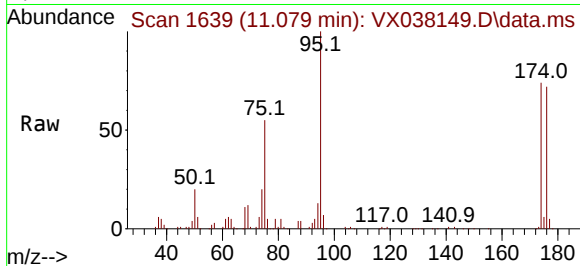




#60
4-Bromofluorobenzene
Concen: 27.909 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038149.D
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Instrument :
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Tgt Ion: 95 Resp: 64561
Ion Ratio Lower Upper
95 100
174 78.1 60.5 90.7
176 75.4 58.2 87.4



#63
Toluene-d8
Concen: 30.318 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion: 98 Resp: 130371
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

