

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036534.D
 Acq On : 13 Jul 2023 18:41
 Operator : JC/MD
 Sample : VX0714WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBL02

Quant Time: Jul 14 04:37:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	32561	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	167282	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	150694	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	75727	28.021	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.400%
60) 4-Bromofluorobenzene	11.079	95	68209	27.904	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.000%
63) Toluene-d8	8.647	98	203852	29.397	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.000%

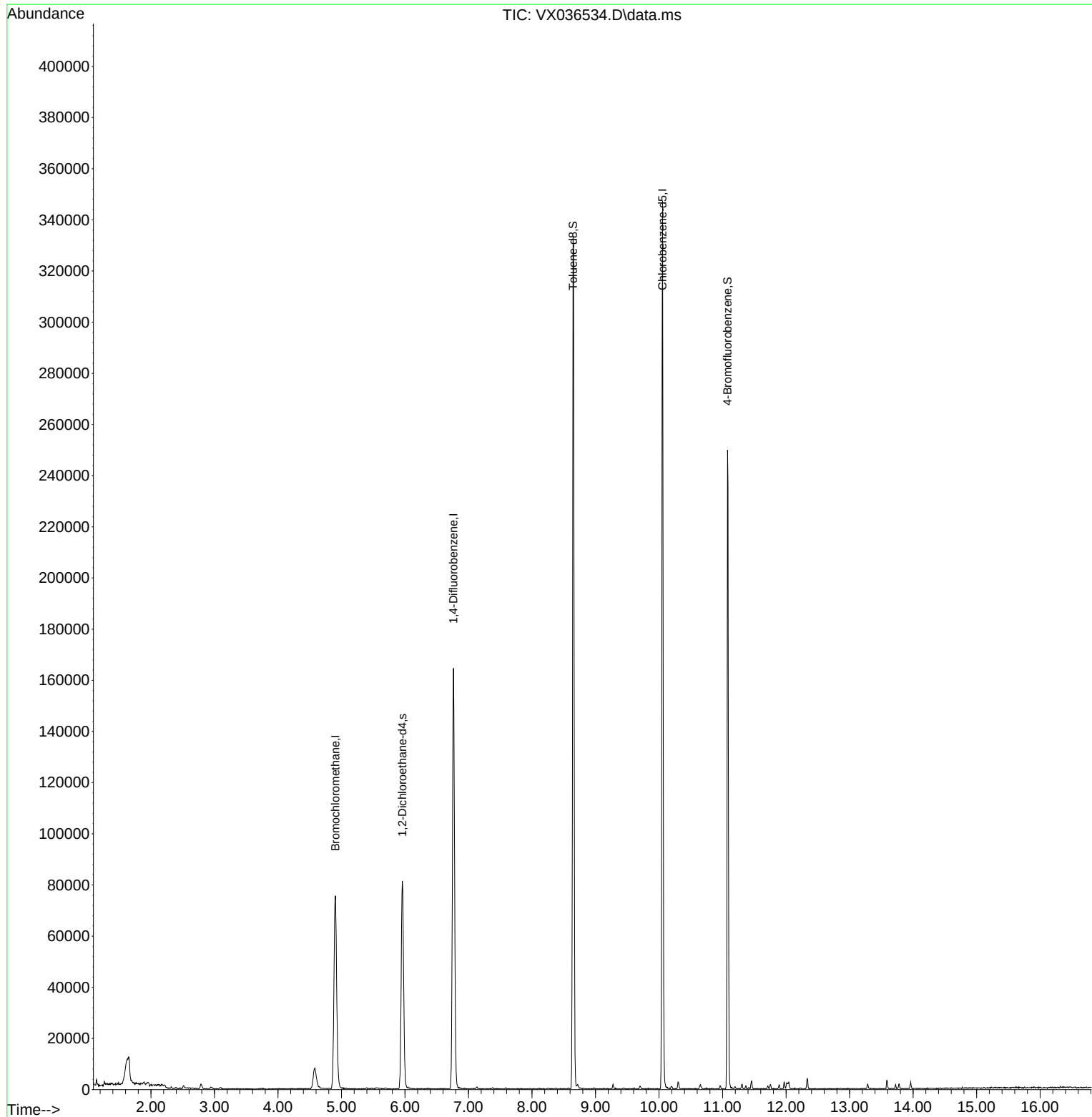
Target Compounds	Qvalue

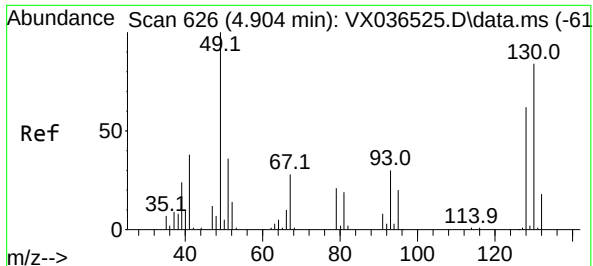
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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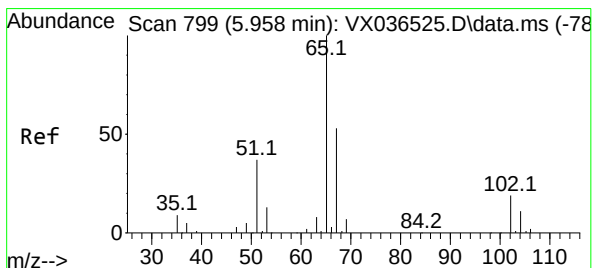
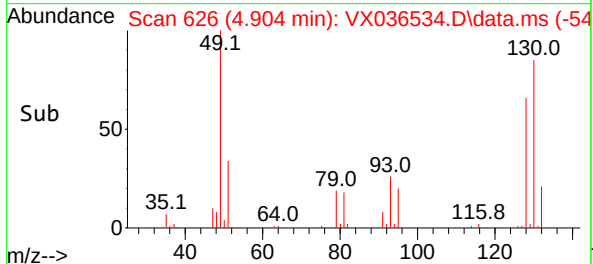
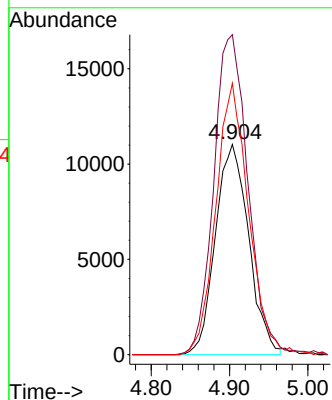
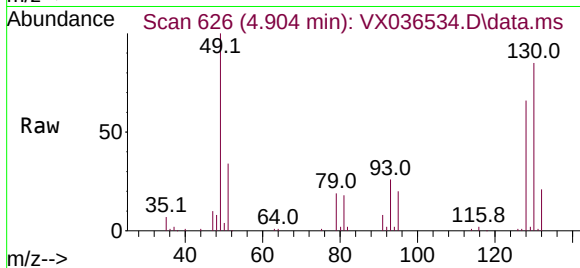




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036534.D
Acq: 13 Jul 2023 18:41

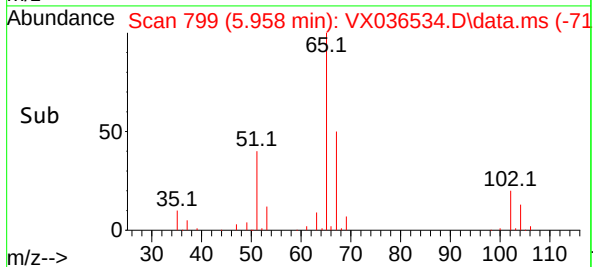
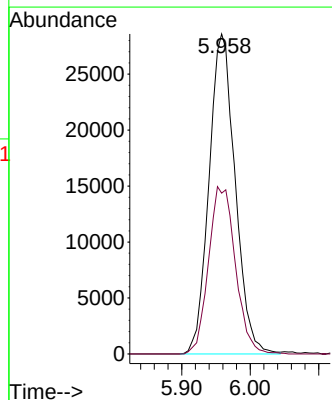
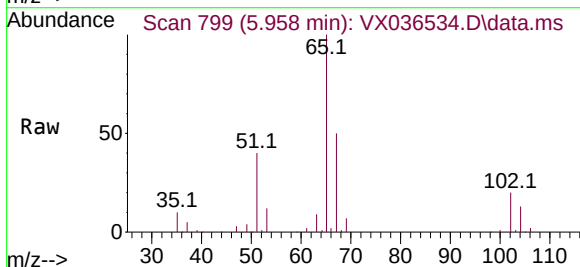
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL02

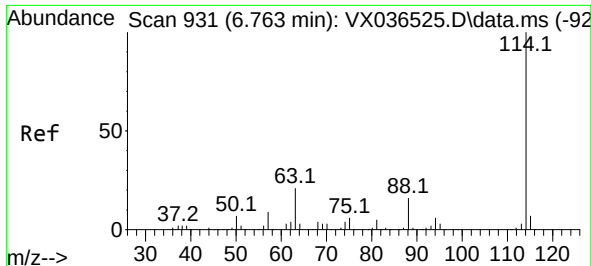
Tgt Ion:128 Resp: 32561
Ion Ratio Lower Upper
128 100
49 156.9 0.0 406.3
130 126.5 0.0 328.0



#27
1,2-Dichloroethane-d4
Concen: 28.021 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036534.D
Acq: 13 Jul 2023 18:41

Tgt Ion: 65 Resp: 75727
Ion Ratio Lower Upper
65 100
67 53.8 42.1 63.1

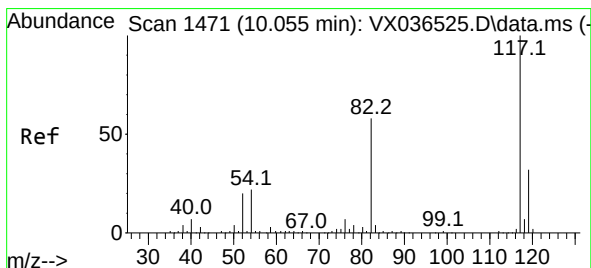
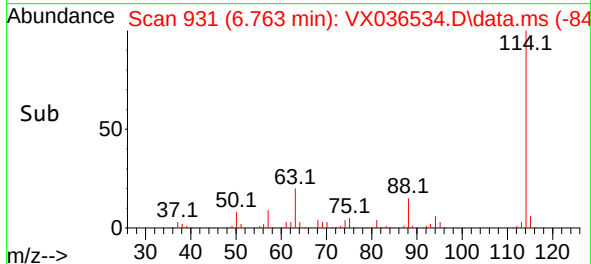
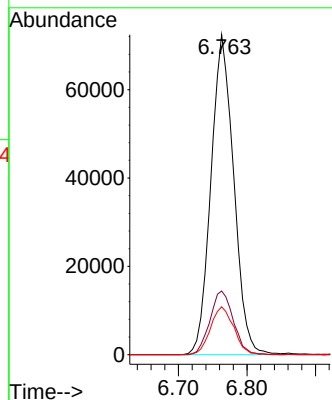
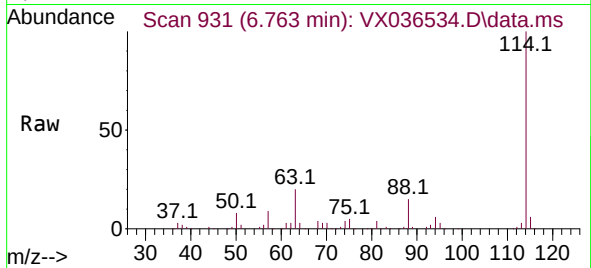




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036534.D
Acq: 13 Jul 2023 18:41

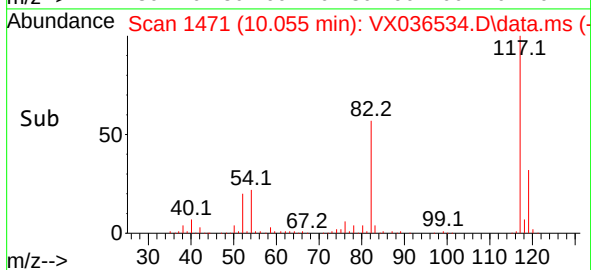
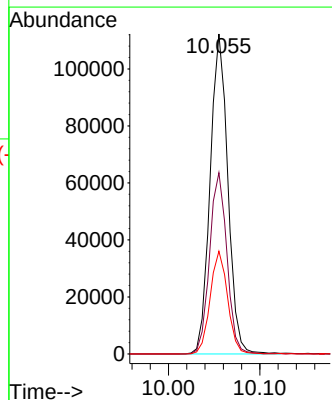
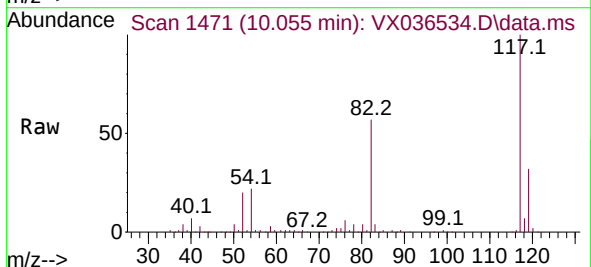
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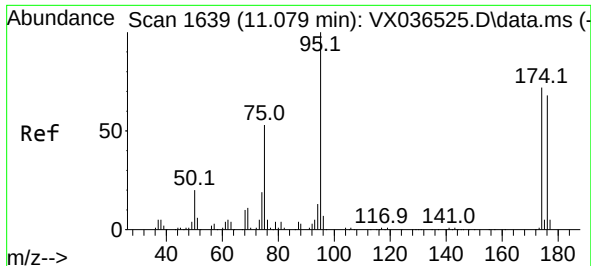
Tgt Ion:114 Resp: 167282
Ion Ratio Lower Upper
114 100
63 20.4 16.6 24.8
88 15.2 12.9 19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036534.D
Acq: 13 Jul 2023 18:41

Tgt Ion:117 Resp: 150694
Ion Ratio Lower Upper
117 100
82 55.5 44.7 67.1
119 31.7 25.6 38.4

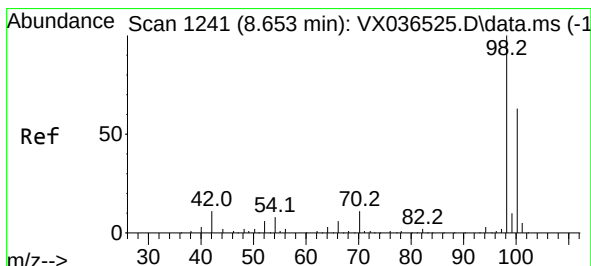
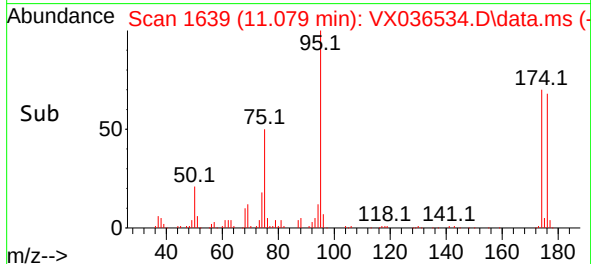
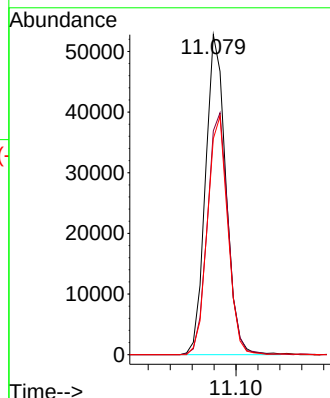
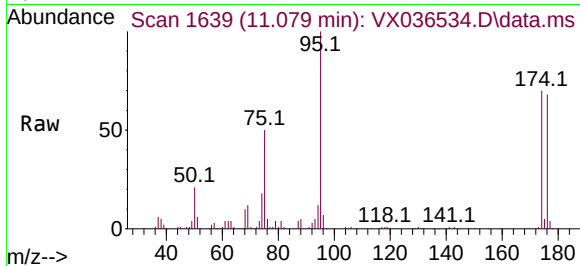




#60
4-Bromofluorobenzene
Concen: 27.904 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036534.D
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Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 95 Resp: 68209
Ion Ratio Lower Upper
95 100
174 76.7 60.5 90.7
176 74.2 58.2 87.4



#63
Toluene-d8
Concen: 29.397 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX036534.D
Acq: 13 Jul 2023 18:41

Tgt Ion: 98 Resp: 203852
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4

