

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036537.D
 Acq On : 13 Jul 2023 19:52
 Operator : JC/MD
 Sample : 03609-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230712039-09-TRIP-BLANK

Quant Time: Jul 14 04:38:24 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	27852	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	152766	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	136272	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	65570	28.365	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.567%
60) 4-Bromofluorobenzene	11.079	95	61248	27.708	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.367%
63) Toluene-d8	8.647	98	188962	30.134	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.433%

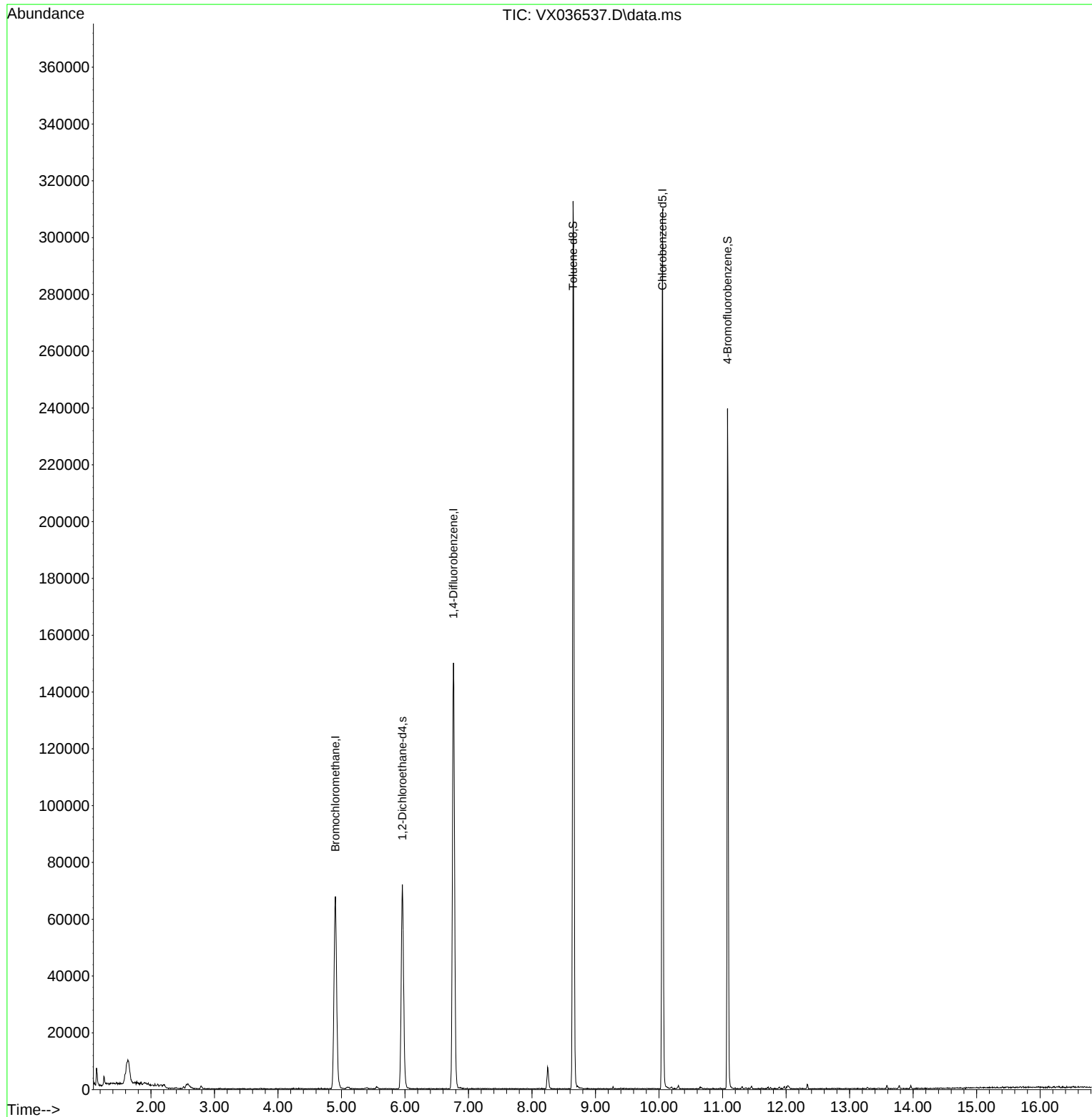
Target Compounds	Qvalue

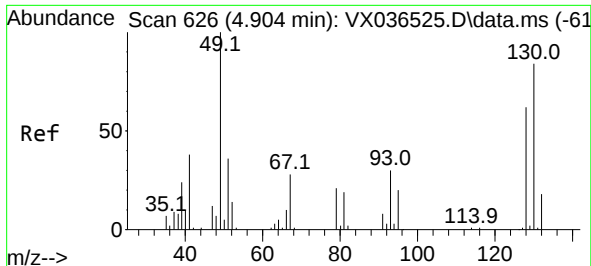
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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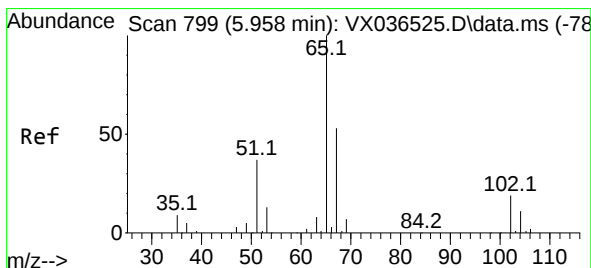
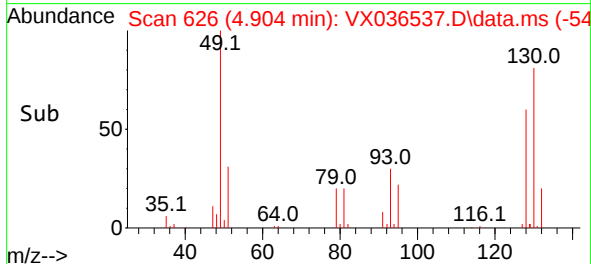
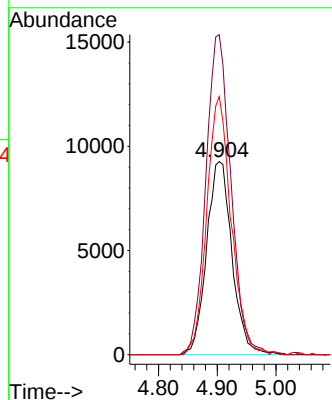
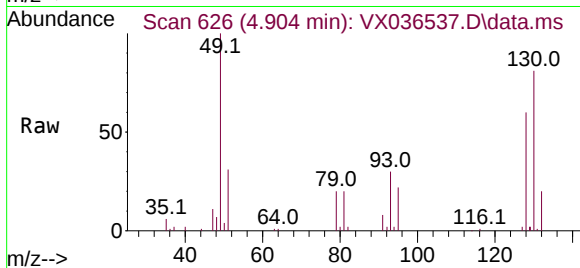




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036537.D
Acq: 13 Jul 2023 19:52

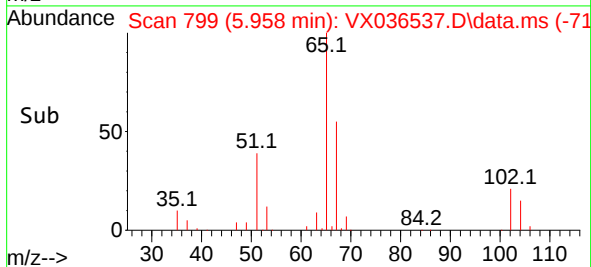
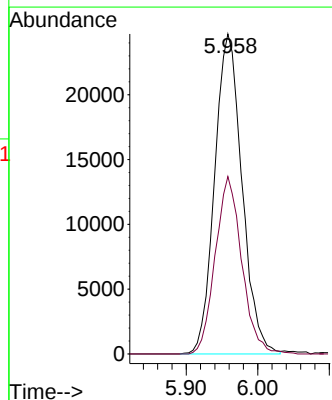
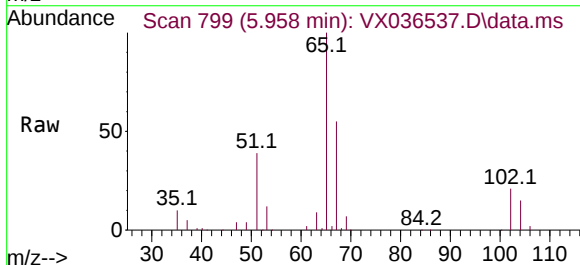
Instrument :
MSVOA_X
ClientSampleId :
230712039-09-TRIP-BLANK

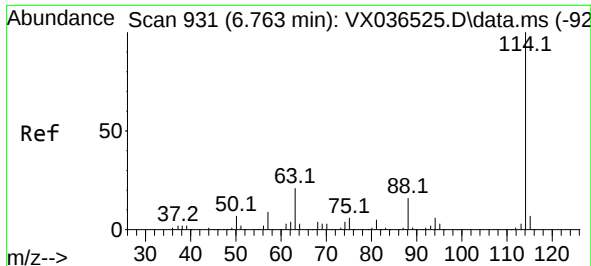
Tgt Ion:128 Resp: 27852
Ion Ratio Lower Upper
128 100
49 162.6 0.0 406.3
130 127.9 0.0 328.0



#27
1,2-Dichloroethane-d4
Concen: 28.365 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036537.D
Acq: 13 Jul 2023 19:52

Tgt Ion: 65 Resp: 65570
Ion Ratio Lower Upper
65 100
67 53.7 42.1 63.1

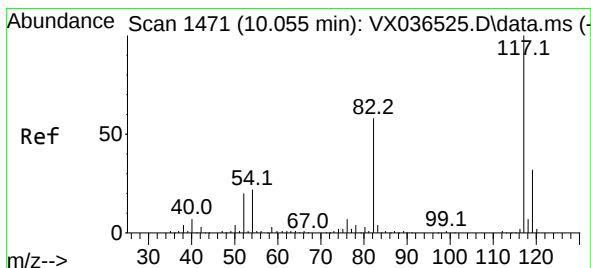
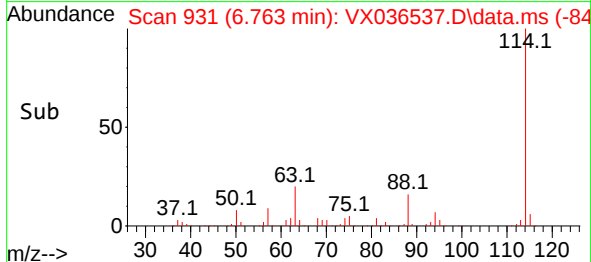
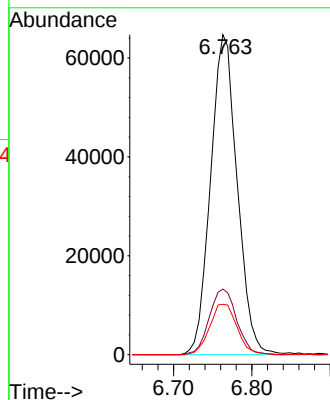
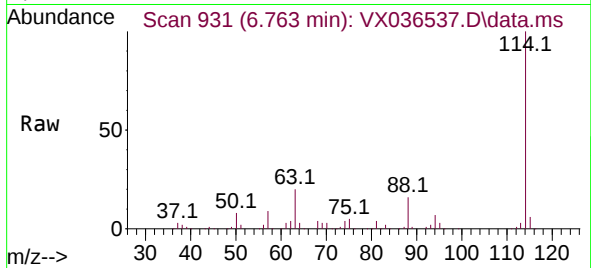




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036537.D
Acq: 13 Jul 2023 19:52

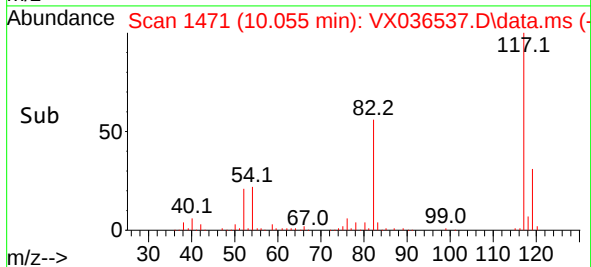
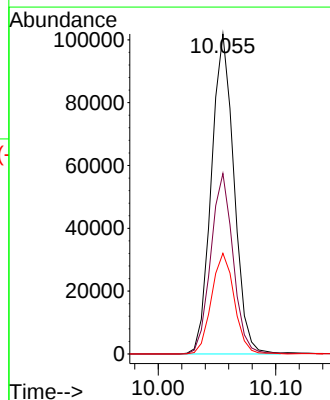
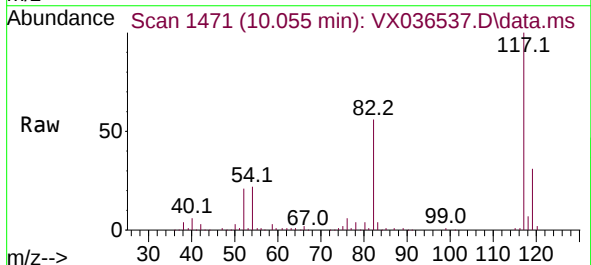
Instrument :
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ClientSampleId :
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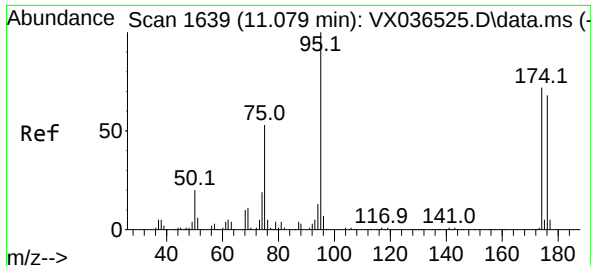
Tgt Ion:114 Resp: 152766
Ion Ratio Lower Upper
114 100
63 21.1 16.6 24.8
88 16.3 12.9 19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036537.D
Acq: 13 Jul 2023 19:52

Tgt Ion:117 Resp: 136272
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 31.7 25.6 38.4

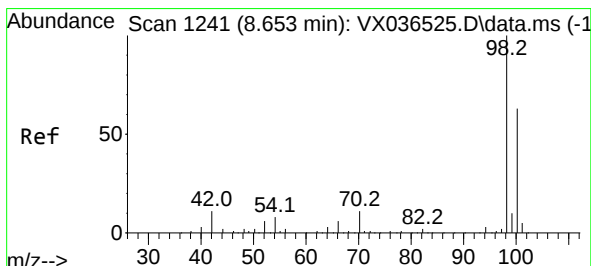
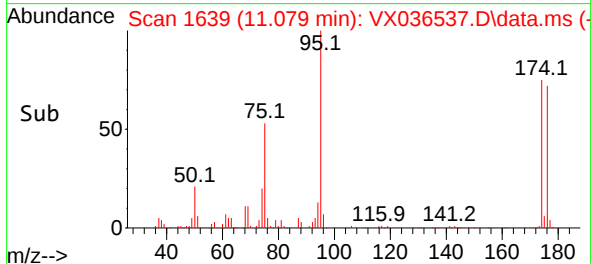
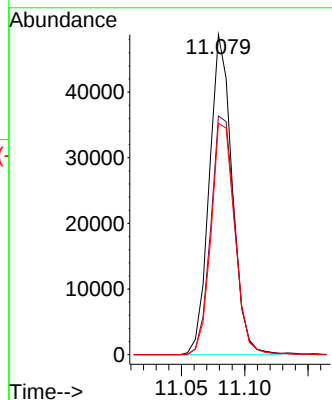
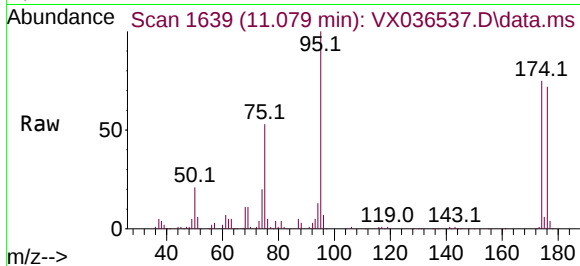




#60
4-Bromofluorobenzene
Concen: 27.708 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036537.D
Acq: 13 Jul 2023 19:52

Instrument :
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Tgt Ion: 95 Resp: 61248
Ion Ratio Lower Upper
95 100
174 78.7 60.5 90.7
176 75.0 58.2 87.4



#63
Toluene-d8
Concen: 30.134 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX036537.D
Acq: 13 Jul 2023 19:52

Tgt Ion: 98 Resp: 188962
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

