

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036541.D
 Acq On : 13 Jul 2023 21:27
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 14 04:39:02 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	32575	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	171208	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	154542	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	78456	29.019	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.733%
60) 4-Bromofluorobenzene	11.079	95	69826	27.854	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.833%
63) Toluene-d8	8.653	98	215137	30.252	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.833%

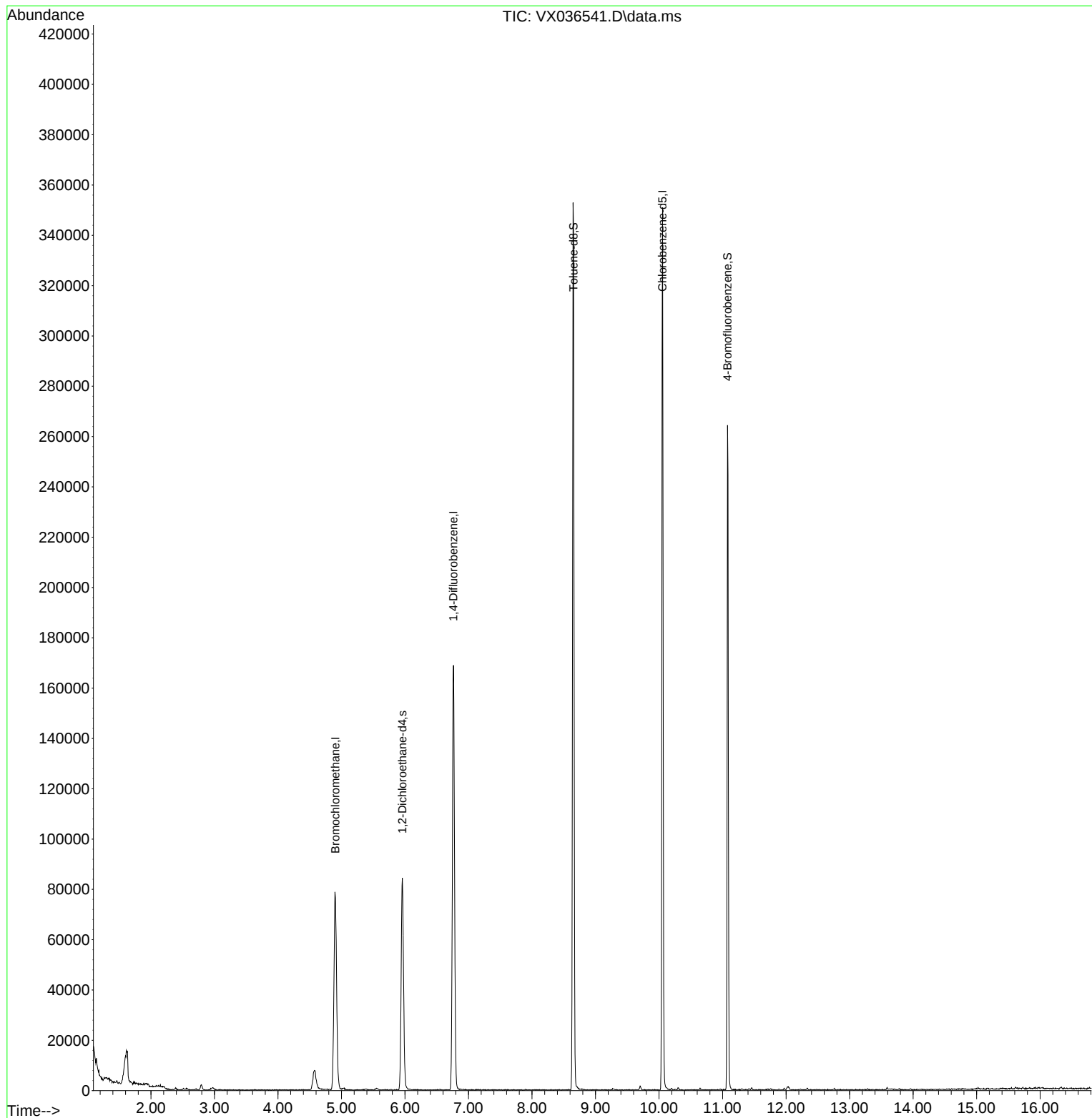
Target Compounds	Qvalue

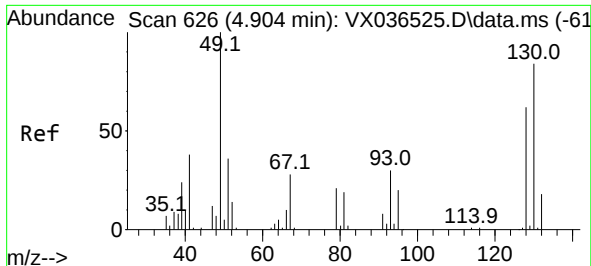
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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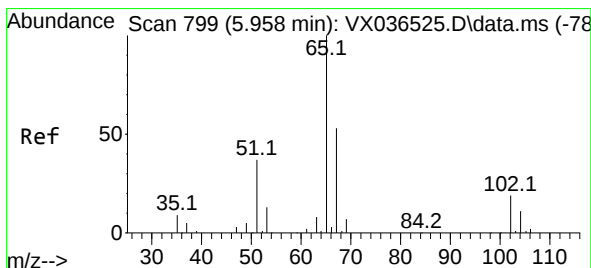
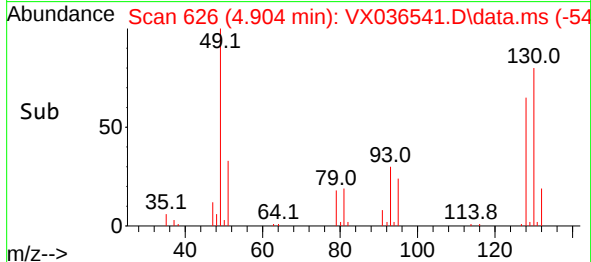
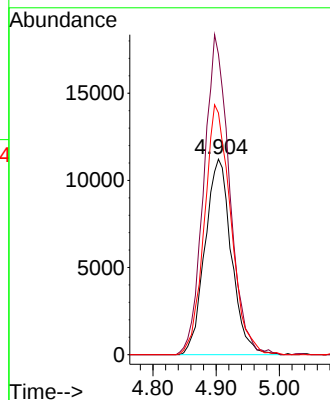
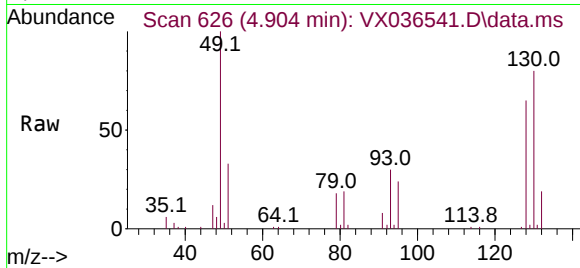




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036541.D
Acq: 13 Jul 2023 21:27

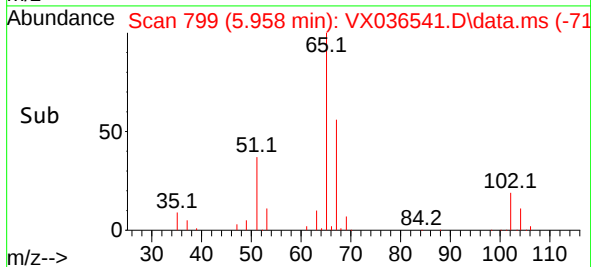
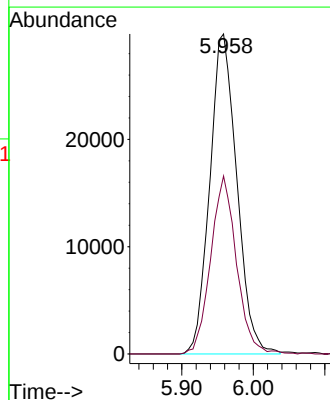
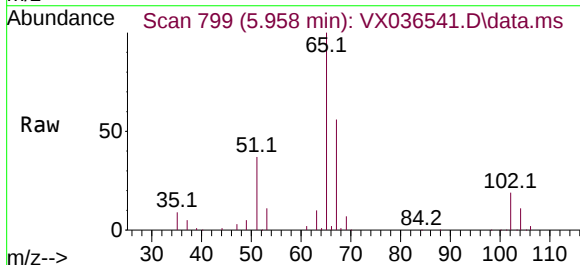
Instrument :
MSVOA_X
ClientSampleId :
IBLK

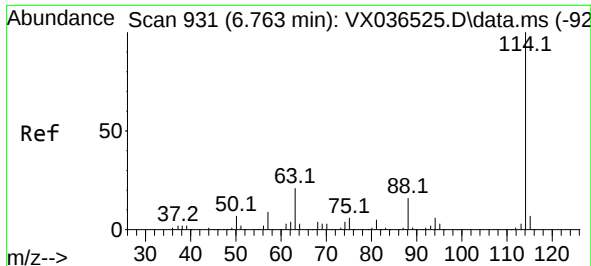
Tgt Ion:128 Resp: 32575
Ion Ratio Lower Upper
128 100
49 158.4 0.0 406.3
130 127.9 0.0 328.0



#27
1,2-Dichloroethane-d4
Concen: 29.019 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036541.D
Acq: 13 Jul 2023 21:27

Tgt Ion: 65 Resp: 78456
Ion Ratio Lower Upper
65 100
67 52.6 42.1 63.1

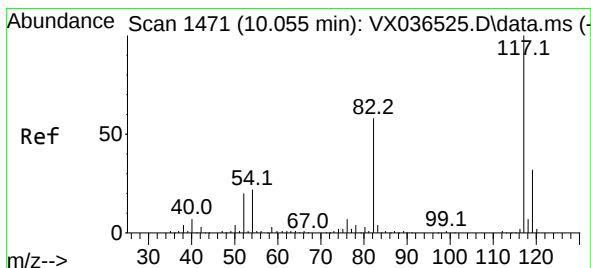
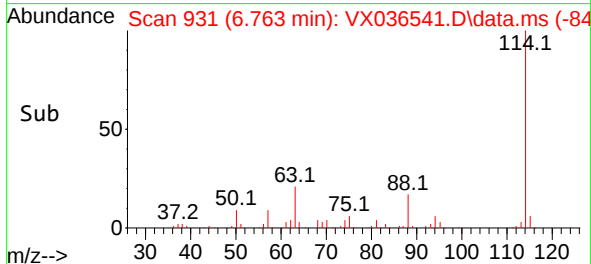
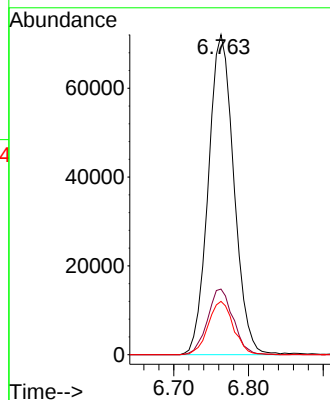
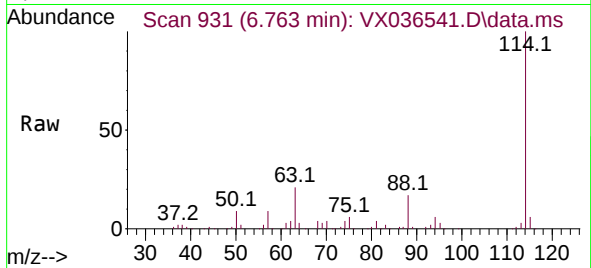




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036541.D
Acq: 13 Jul 2023 21:27

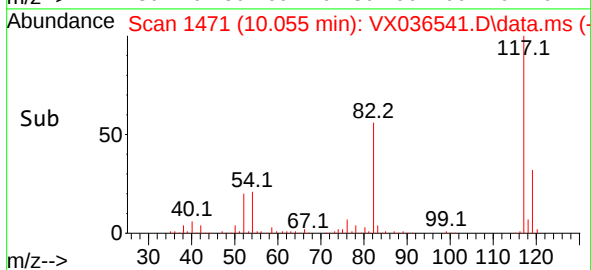
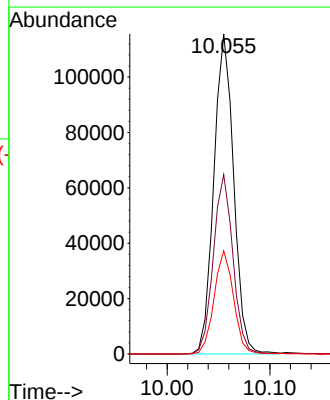
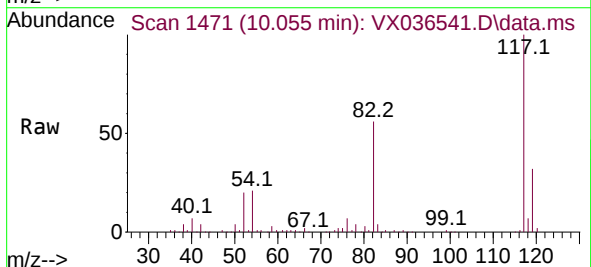
Instrument :
MSVOA_X
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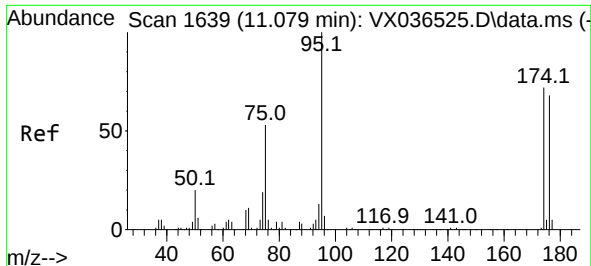
Tgt Ion:114 Resp: 171208
Ion Ratio Lower Upper
114 100
63 20.5 16.6 24.8
88 16.5 12.9 19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036541.D
Acq: 13 Jul 2023 21:27

Tgt Ion:117 Resp: 154542
Ion Ratio Lower Upper
117 100
82 55.5 44.7 67.1
119 31.6 25.6 38.4

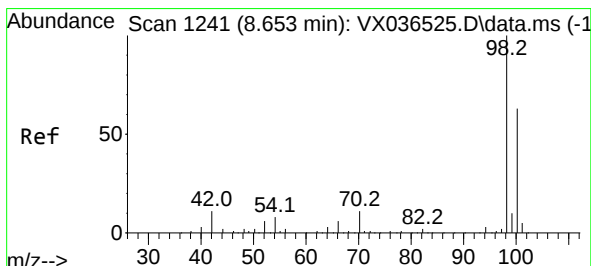
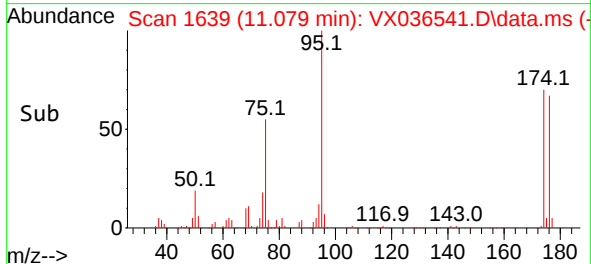
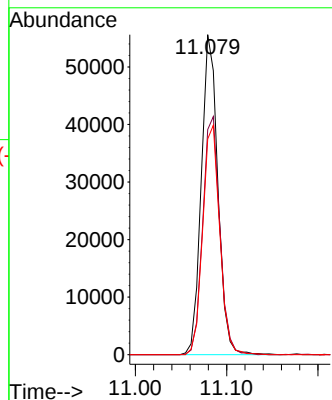
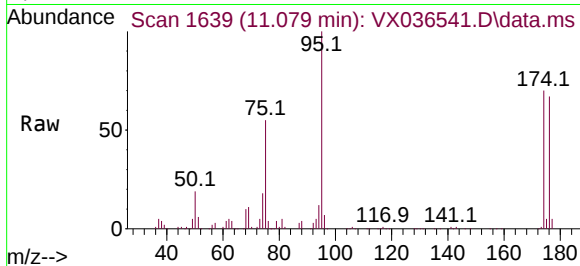




#60
4-Bromofluorobenzene
Concen: 27.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036541.D
Acq: 13 Jul 2023 21:27

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 69826
Ion Ratio Lower Upper
95 100
174 76.7 60.5 90.7
176 73.6 58.2 87.4



#63
Toluene-d8
Concen: 30.252 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX036541.D
Acq: 13 Jul 2023 21:27

Tgt Ion: 98 Resp: 215137
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

