

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041881.D
 Acq On : 14 Jun 2024 16:35
 Operator : JC/MD
 Sample : VX0614WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBL02

Quant Time: Jun 15 04:13:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	32733	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	181153	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	160992	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	67146	29.799	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.333%
60) 4-Bromofluorobenzene	11.079	95	68426	27.458	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.533%
63) Toluene-d8	8.647	98	208963	30.338	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.133%

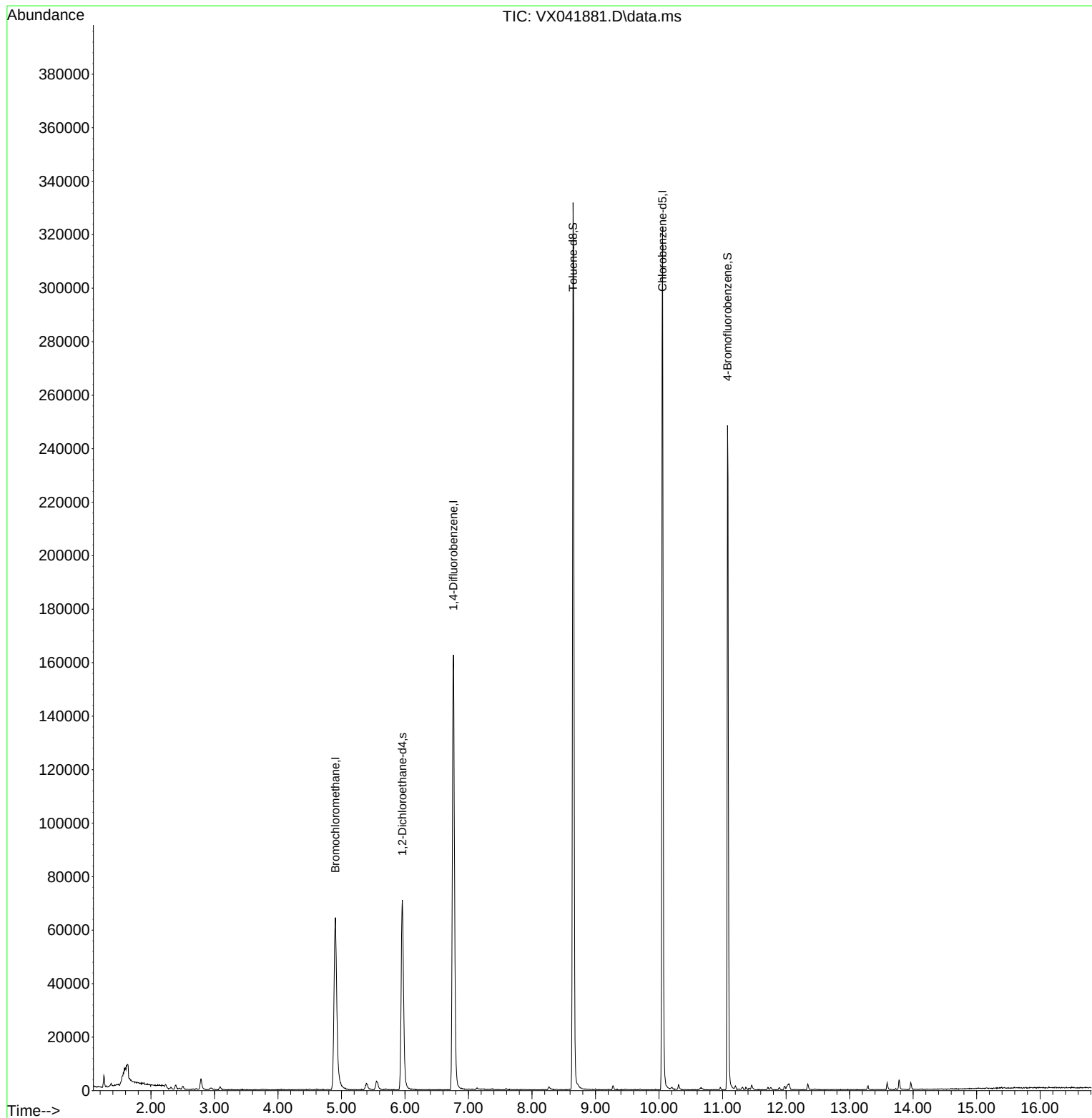
Target Compounds	Qvalue

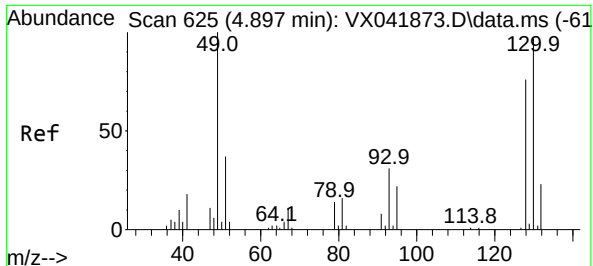
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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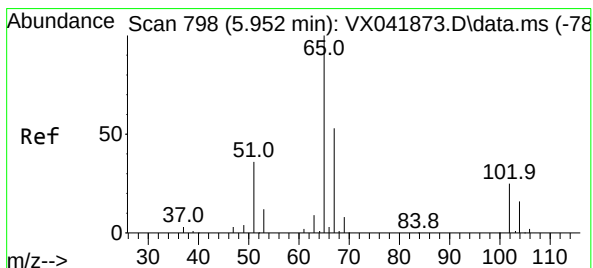
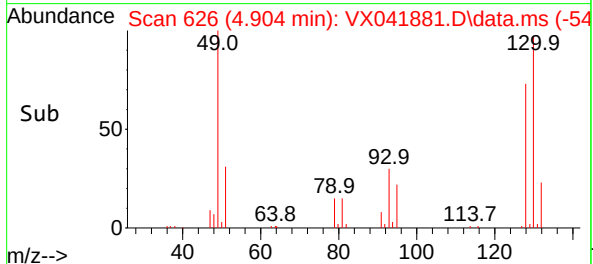
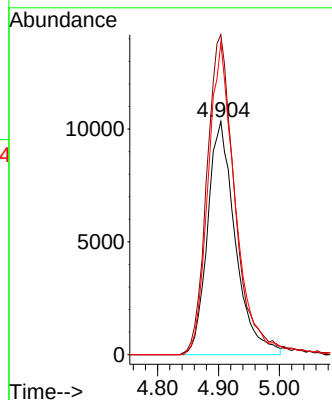
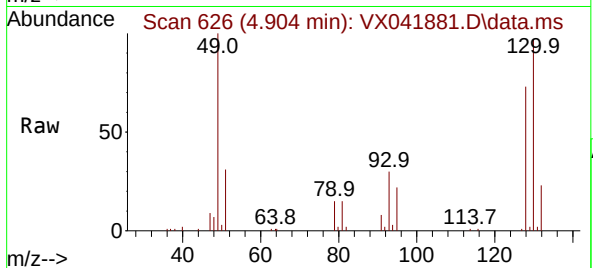




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041881.D
Acq: 14 Jun 2024 16:35

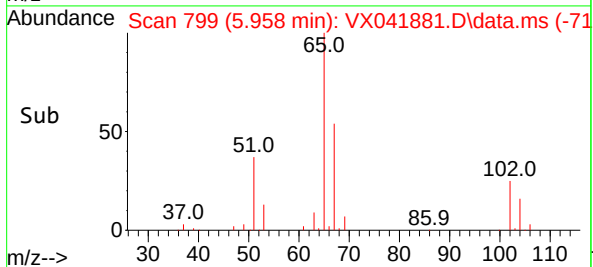
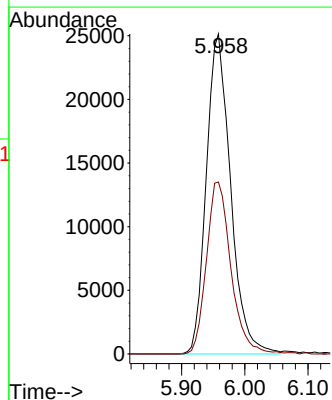
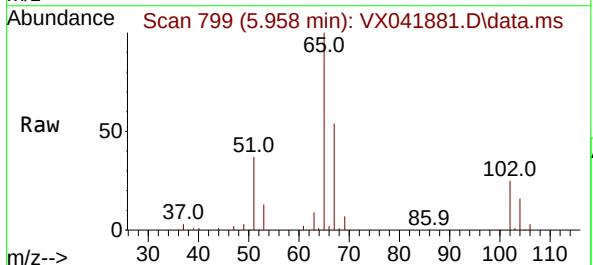
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBL02

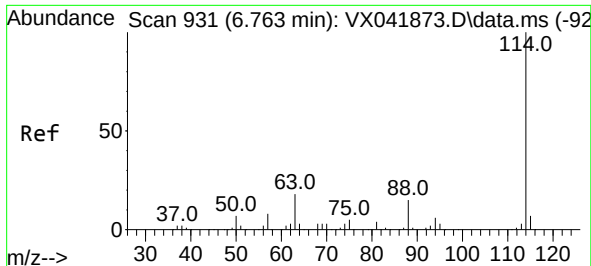
Tgt Ion:128 Resp: 32733
Ion Ratio Lower Upper
128 100
49 139.7 0.0 338.5
130 128.2 0.0 324.5



#27
1,2-Dichloroethane-d4
Concen: 29.799 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041881.D
Acq: 14 Jun 2024 16:35

Tgt Ion: 65 Resp: 67146
Ion Ratio Lower Upper
65 100
67 53.9 43.4 65.0

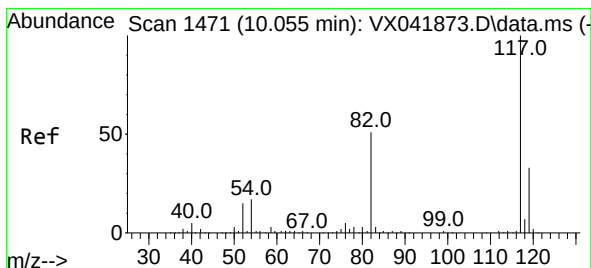
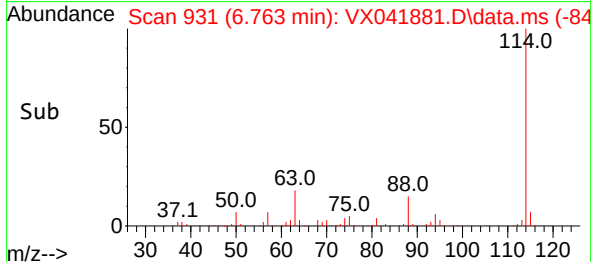
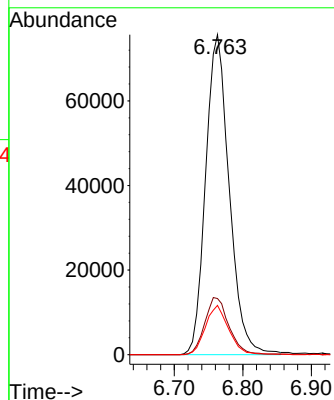
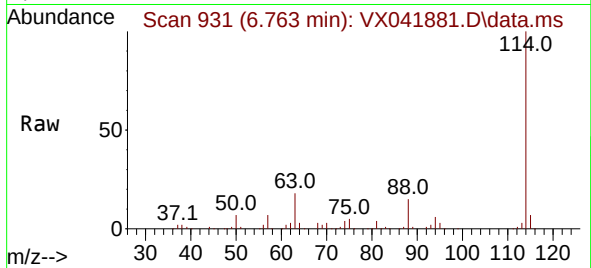




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX041881.D
Acq: 14 Jun 2024 16:35

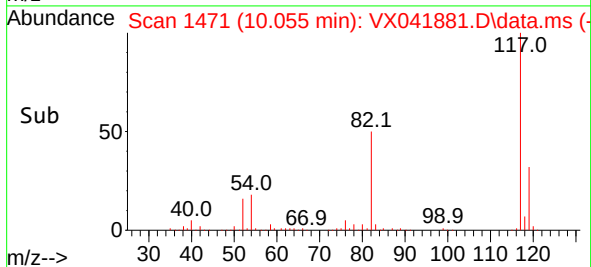
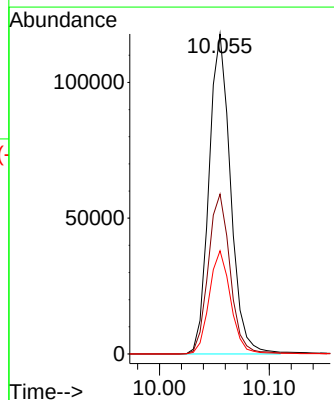
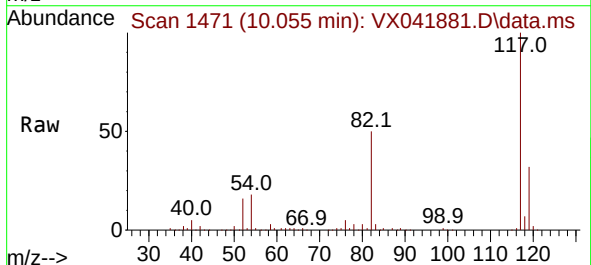
Instrument :
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ClientSampleId :
VX0614WBL02

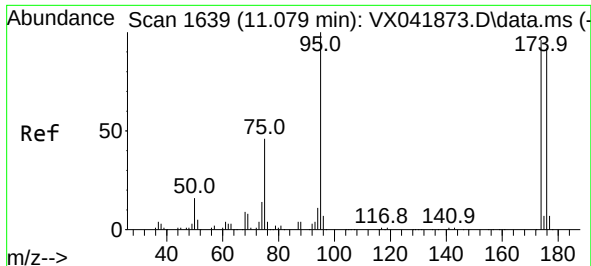
Tgt Ion:114 Resp: 181153
Ion Ratio Lower Upper
114 100
63 18.2 14.6 21.8
88 15.2 11.8 17.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041881.D
Acq: 14 Jun 2024 16:35

Tgt Ion:117 Resp: 160992
Ion Ratio Lower Upper
117 100
82 51.0 41.1 61.7
119 32.4 26.1 39.1

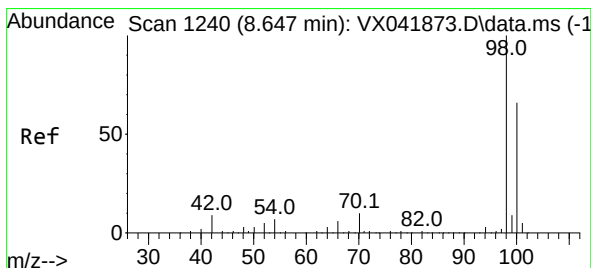
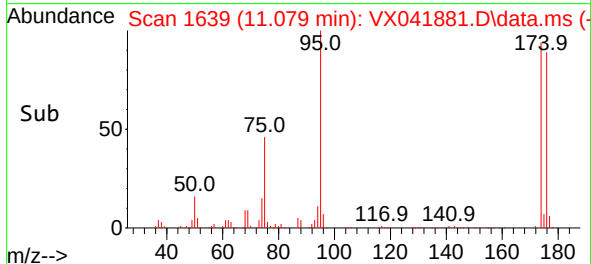
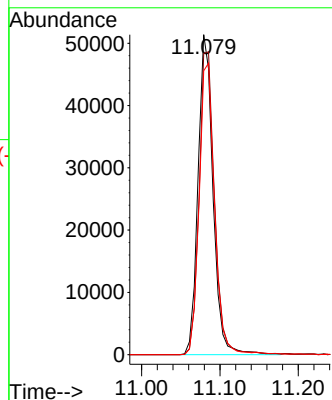
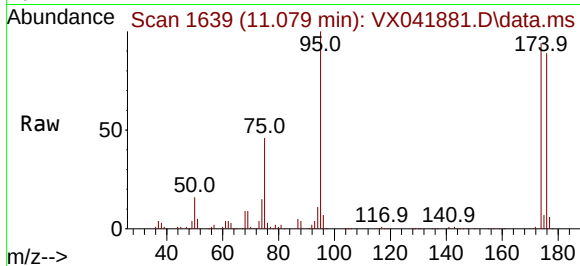




#60
4-Bromofluorobenzene
Concen: 27.458 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041881.D
Acq: 14 Jun 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBL02

Tgt Ion: 95 Resp: 68426
Ion Ratio Lower Upper
95 100
174 97.4 78.9 118.3
176 92.8 77.1 115.7



#63
Toluene-d8
Concen: 30.338 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041881.D
Acq: 14 Jun 2024 16:35

Tgt Ion: 98 Resp: 208963
Ion Ratio Lower Upper
98 100
100 67.1 52.7 79.1

