

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX042014.D
 Acq On : 24 Jun 2024 19:00
 Operator : JC/MD
 Sample : P3025-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240620099-01

Quant Time: Jun 25 06:46:45 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	4.910	128	27346	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	143618	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	129435	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	56404	29.963	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.867%
60) 4-Bromofluorobenzene	11.079	95	52862	26.384	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.933%
63) Toluene-d8	8.647	98	166665	30.096	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.333%

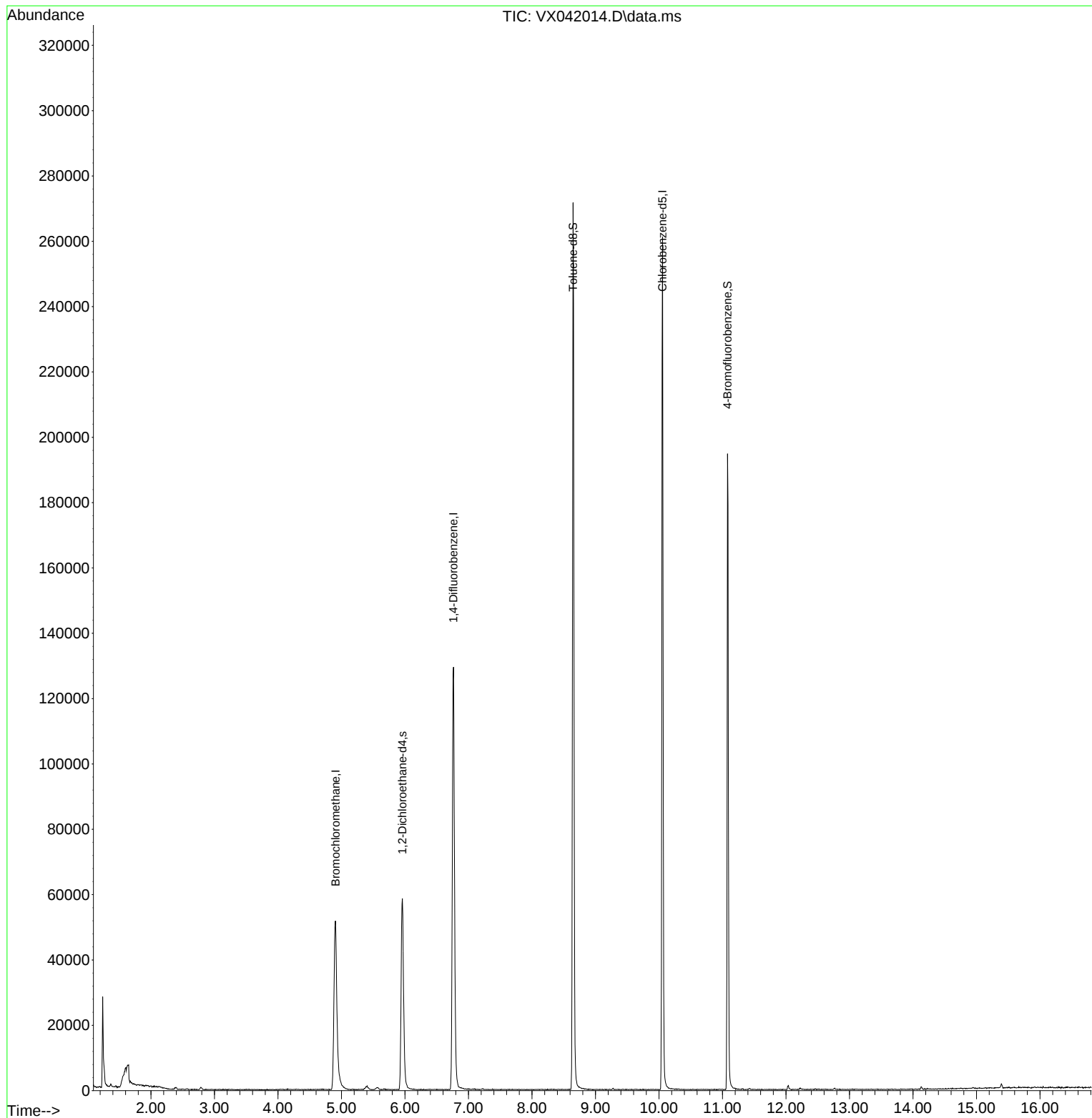
Target Compounds	Qvalue

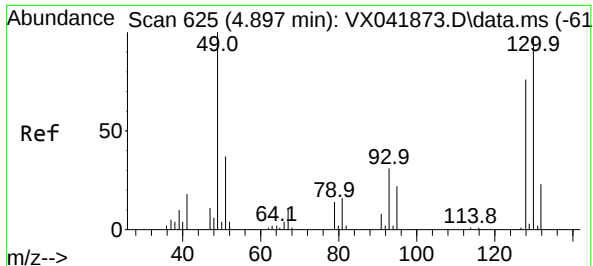
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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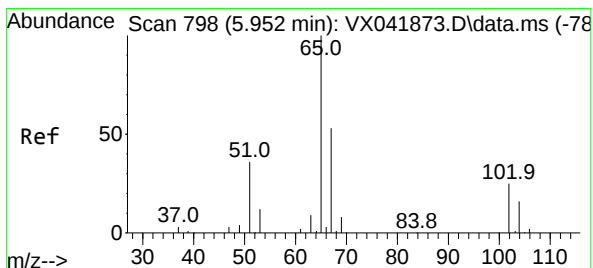
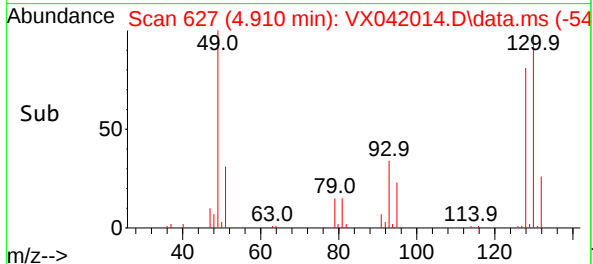
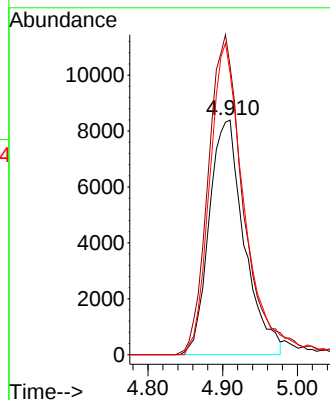
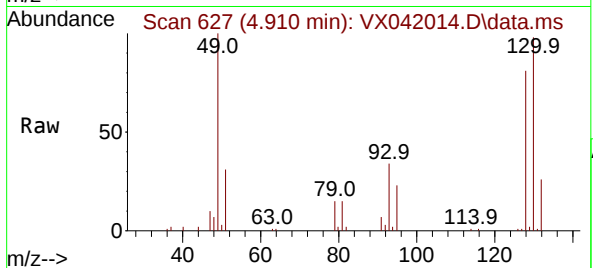




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX042014.D
Acq: 24 Jun 2024 19:00

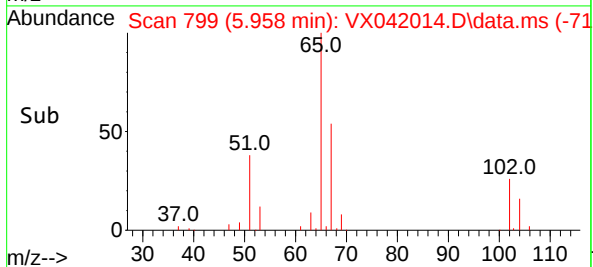
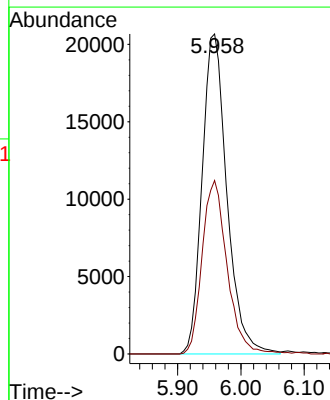
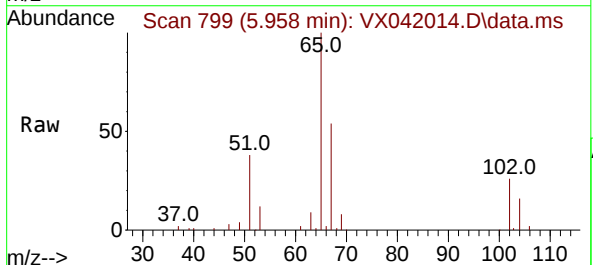
Instrument :
MSVOA_X
ClientSampleId :
240620099-01

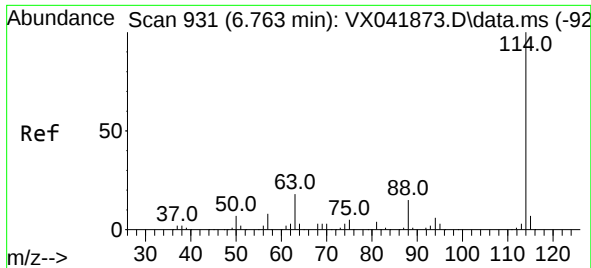
Tgt Ion:128 Resp: 27346
Ion Ratio Lower Upper
128 100
49 137.2 0.0 338.5
130 130.3 0.0 324.5



#27
1,2-Dichloroethane-d4
Concen: 29.963 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042014.D
Acq: 24 Jun 2024 19:00

Tgt Ion: 65 Resp: 56404
Ion Ratio Lower Upper
65 100
67 54.5 43.4 65.0

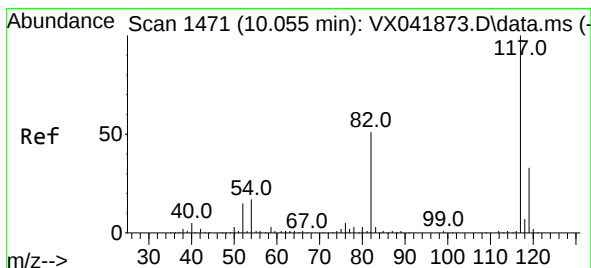
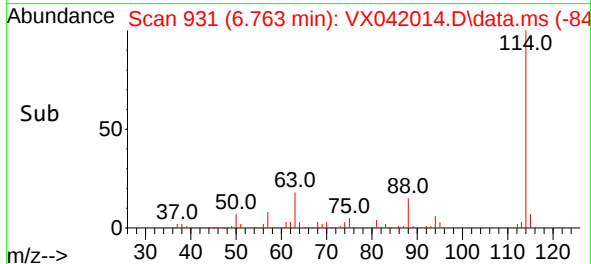
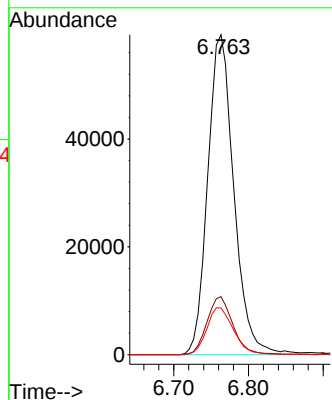
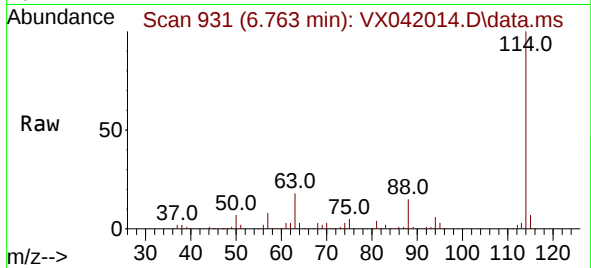




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042014.D
Acq: 24 Jun 2024 19:00

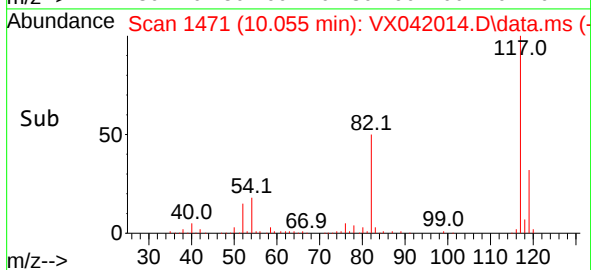
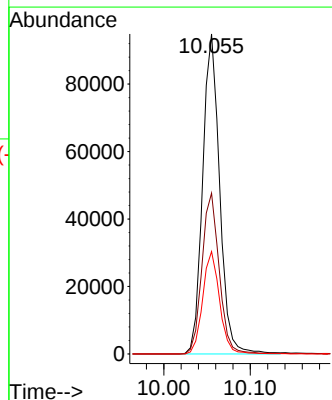
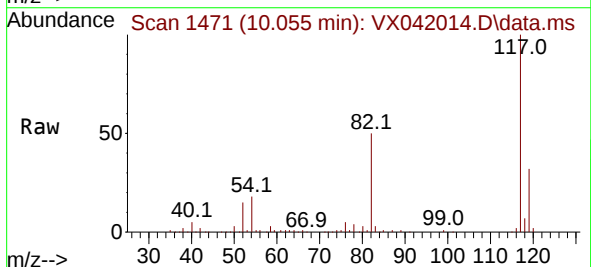
Instrument :
MSVOA_X
ClientSampleId :
240620099-01

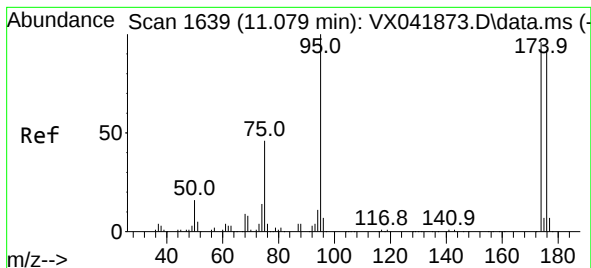
Tgt Ion:114	Resp:	143618	
Ion	Ratio	Lower	Upper
114	100		
63	18.1	14.6	21.8
88	15.1	11.8	17.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042014.D
Acq: 24 Jun 2024 19:00

Tgt Ion:117	Resp:	129435	
Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.1	61.7
119	31.8	26.1	39.1

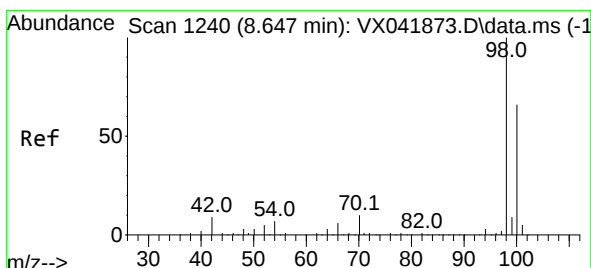
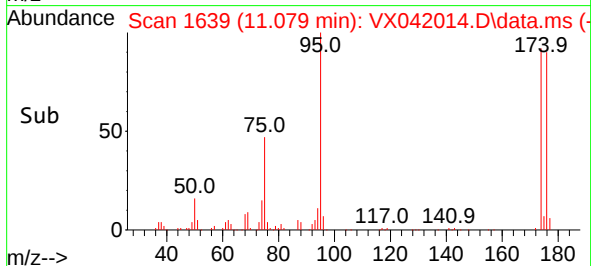
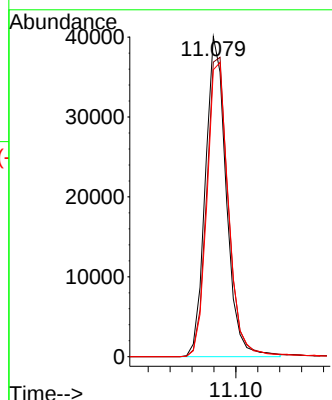
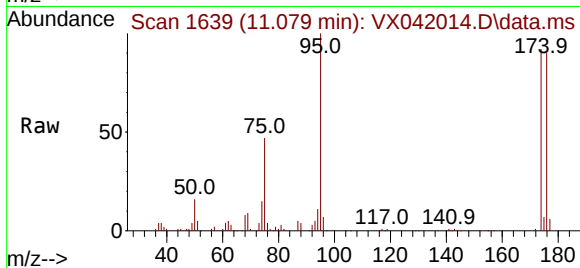




#60
4-Bromofluorobenzene
Concen: 26.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042014.D
Acq: 24 Jun 2024 19:00

Instrument :
MSVOA_X
ClientSampleId :
240620099-01

Tgt Ion: 95 Resp: 52862
Ion Ratio Lower Upper
95 100
174 97.3 78.9 118.3
176 94.6 77.1 115.7



#63
Toluene-d8
Concen: 30.096 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042014.D
Acq: 24 Jun 2024 19:00

Tgt Ion: 98 Resp: 166665
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1

