

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071924\
 Data File : VX042399.D
 Acq On : 19 Jul 2024 13:10
 Operator : JC/MD
 Sample : VX0719WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBL01

Quant Time: Jul 19 16:09:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 11:30:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	29749	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	161943	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	144661	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	61032	28.641	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.467%
60) 4-Bromofluorobenzene	11.079	95	61576	27.358	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.200%
63) Toluene-d8	8.647	98	189288	30.122	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.400%

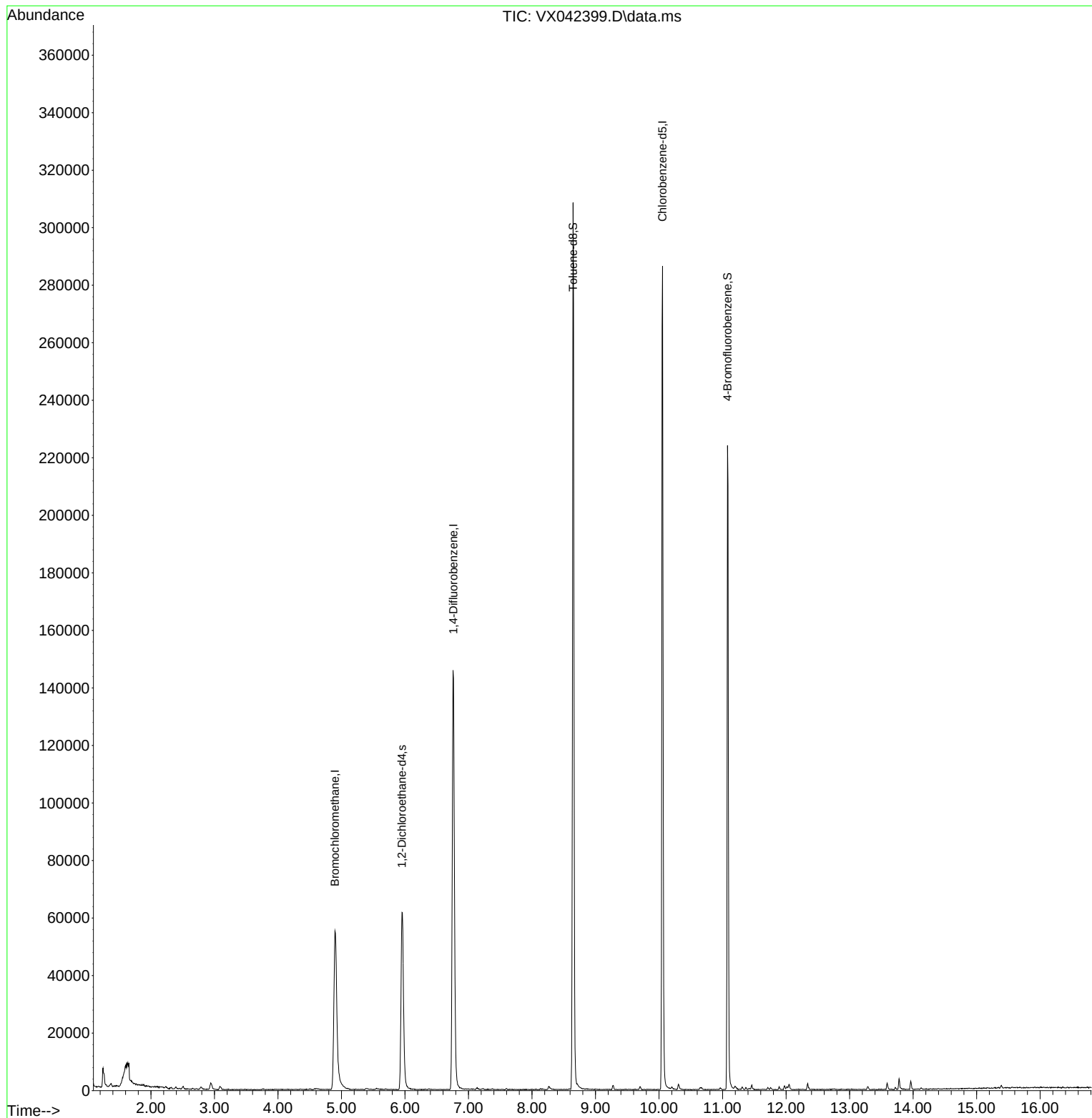
Target Compounds	Qvalue

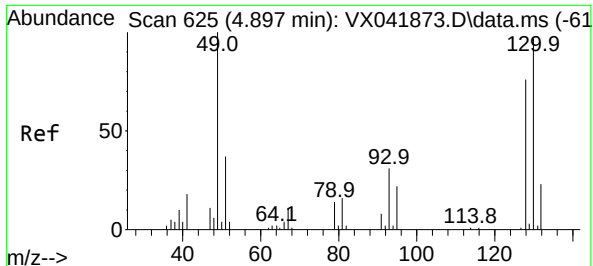
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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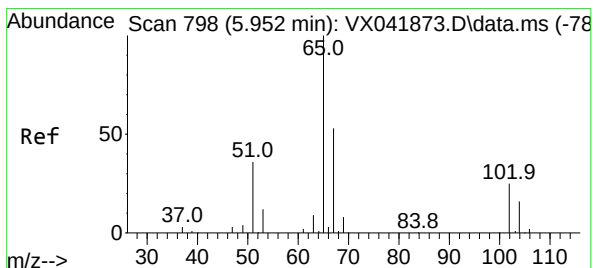
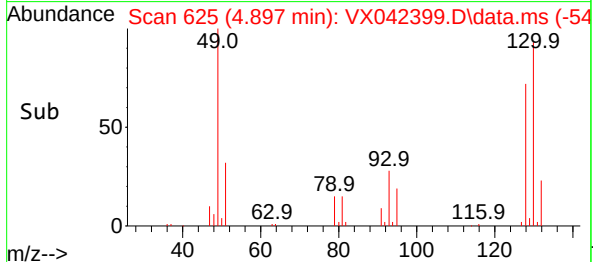
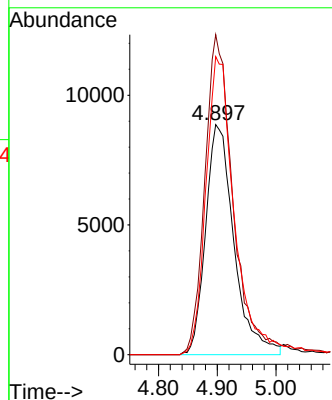
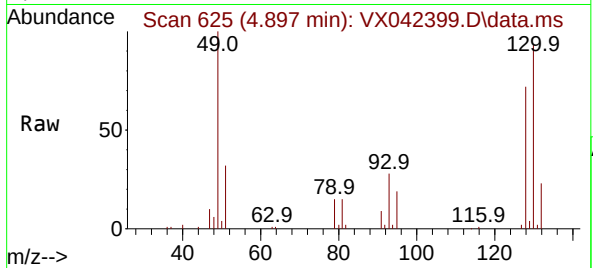




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042399.D
Acq: 19 Jul 2024 13:10

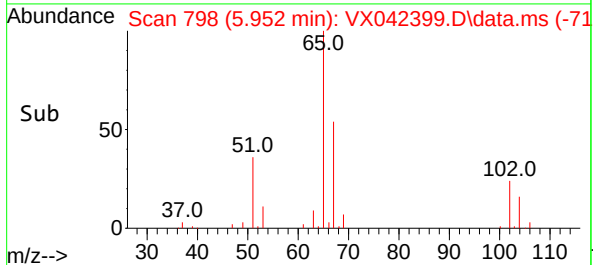
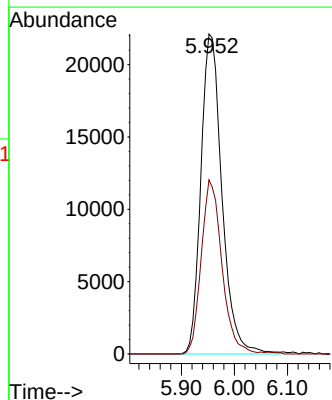
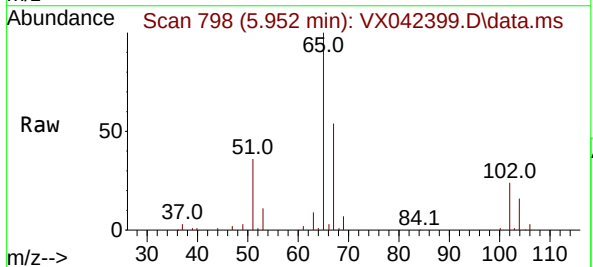
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBL01

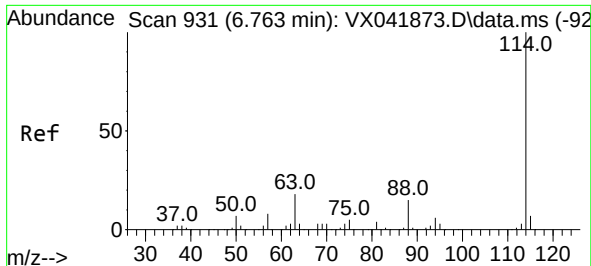
Tgt Ion:128 Resp: 29749
Ion Ratio Lower Upper
128 100
49 138.0 0.0 338.5
130 127.1 0.0 324.5



#27
1,2-Dichloroethane-d4
Concen: 28.641 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042399.D
Acq: 19 Jul 2024 13:10

Tgt Ion: 65 Resp: 61032
Ion Ratio Lower Upper
65 100
67 53.3 43.4 65.0

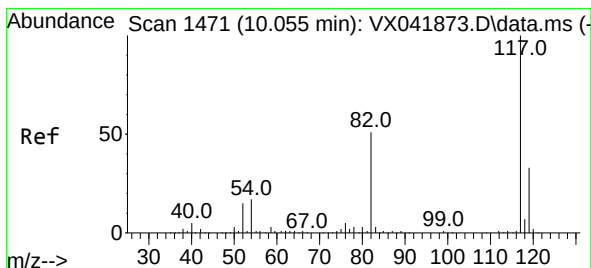
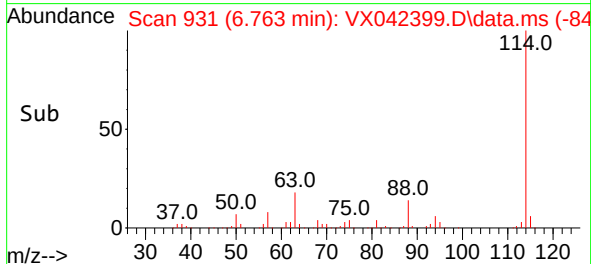
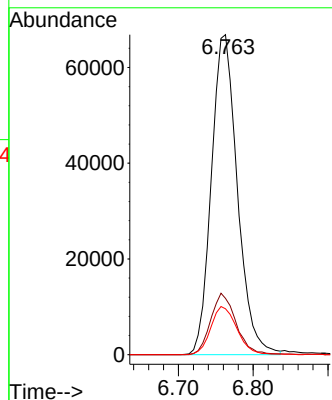
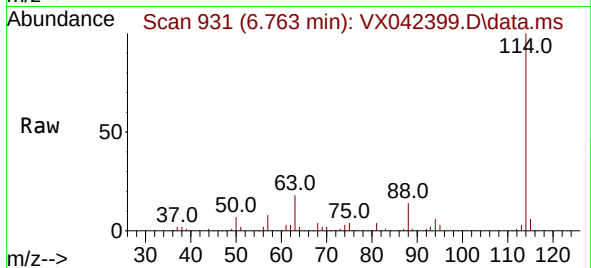




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042399.D
Acq: 19 Jul 2024 13:10

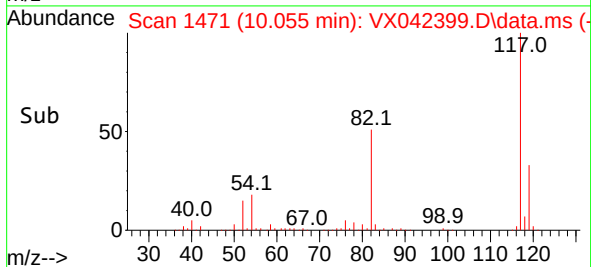
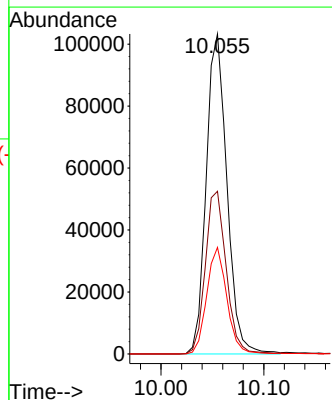
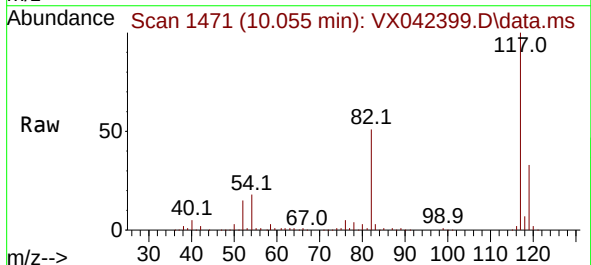
Instrument :
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ClientSampleId :
VX0719WBL01

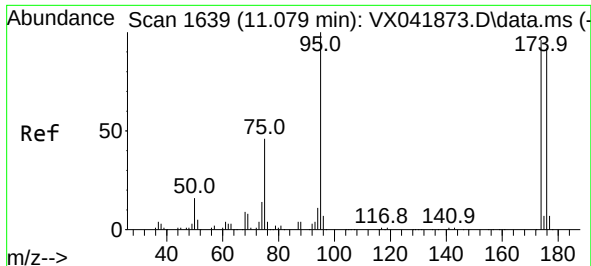
Tgt Ion:114 Resp: 161943
Ion Ratio Lower Upper
114 100
63 18.8 14.6 21.8
88 15.1 11.8 17.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042399.D
Acq: 19 Jul 2024 13:10

Tgt Ion:117 Resp: 144661
Ion Ratio Lower Upper
117 100
82 51.3 41.1 61.7
119 32.3 26.1 39.1

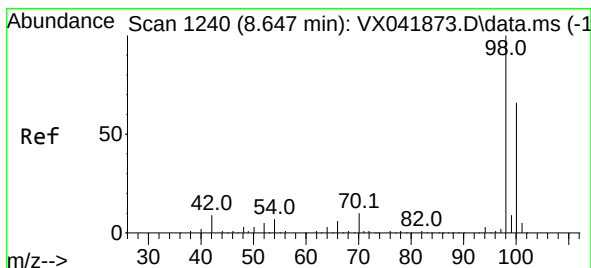
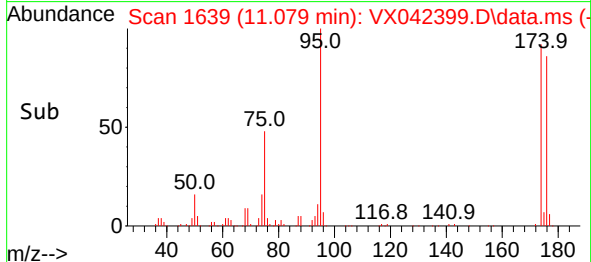
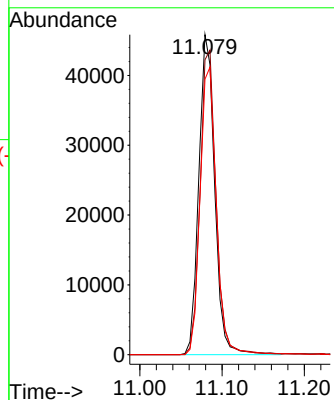
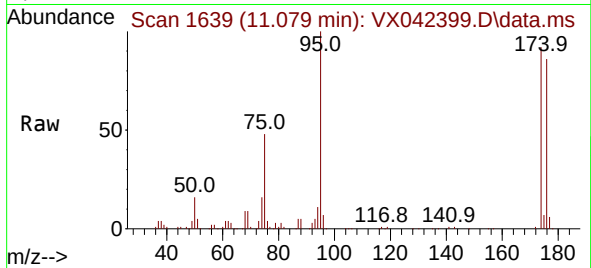




#60
4-Bromofluorobenzene
Concen: 27.358 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042399.D
Acq: 19 Jul 2024 13:10

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBL01

Tgt Ion: 95 Resp: 61576
Ion Ratio Lower Upper
95 100
174 95.6 78.9 118.3
176 91.7 77.1 115.7



#63
Toluene-d8
Concen: 30.122 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042399.D
Acq: 19 Jul 2024 13:10

Tgt Ion: 98 Resp: 189288
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1

