

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034887.D
 Acq On : 31 Mar 2023 18:40
 Operator : JC/MD
 Sample : 02140-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

Quant Time: Apr 01 03:39:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	19624	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	146141	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	151942	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	63589	33.724	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.400%#
60) 4-Bromofluorobenzene	11.079	95	78348	25.806	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.033%
63) Toluene-d8	8.647	98	153450	29.718	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.067%

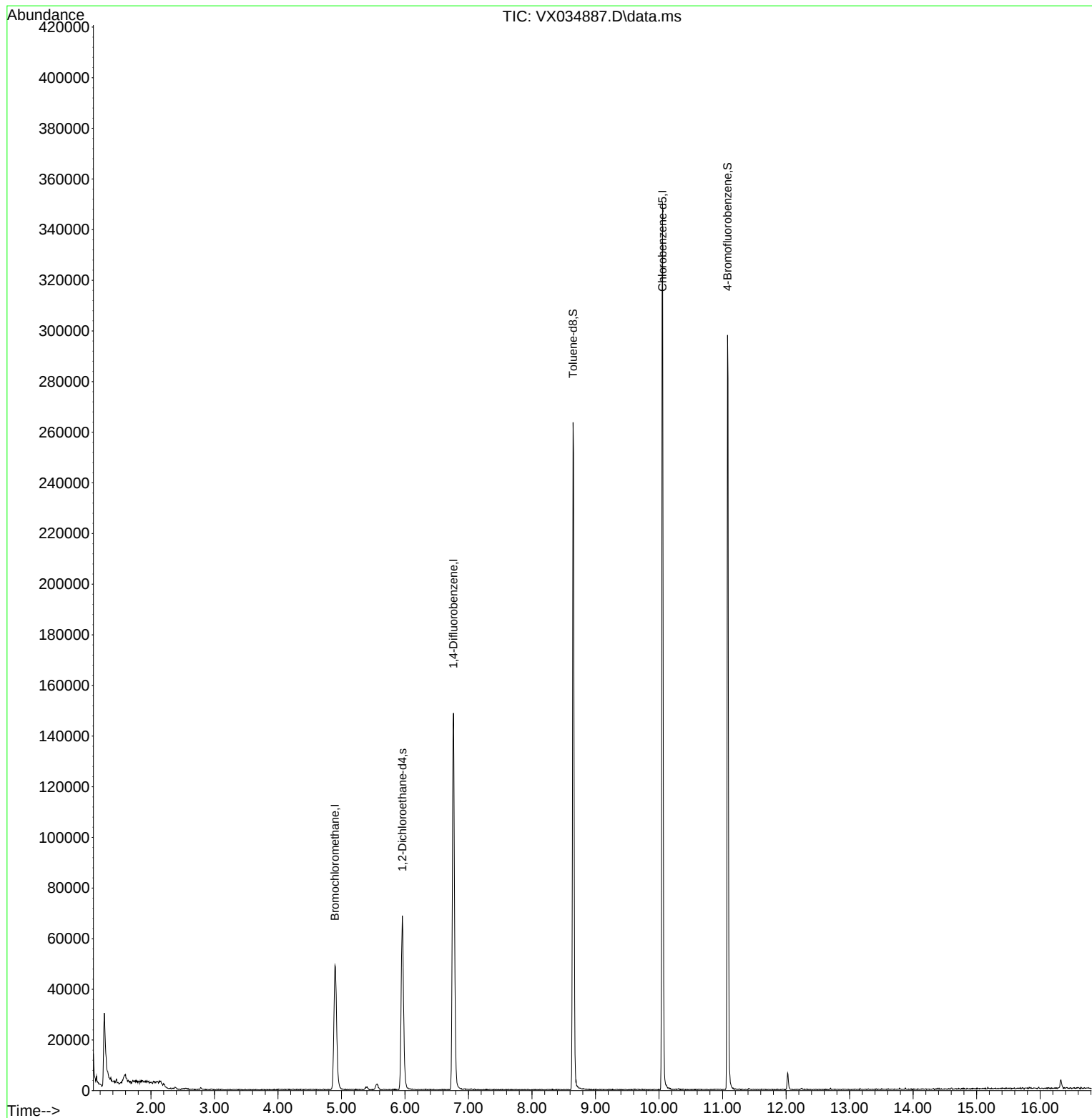
Target Compounds	Qvalue

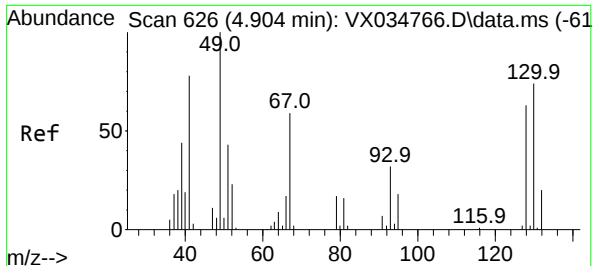
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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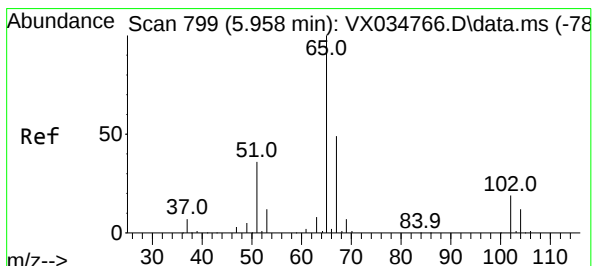
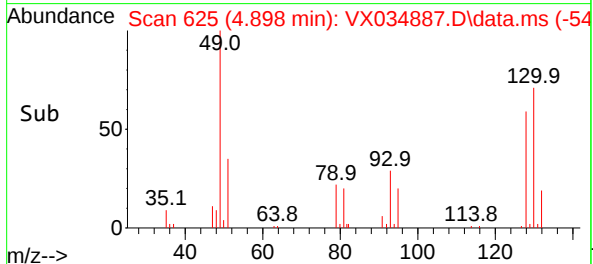
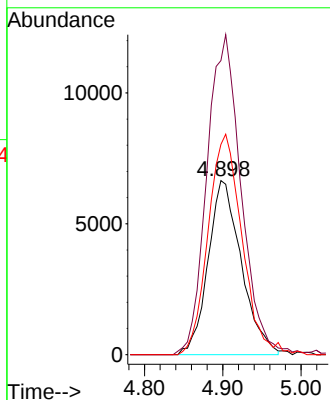
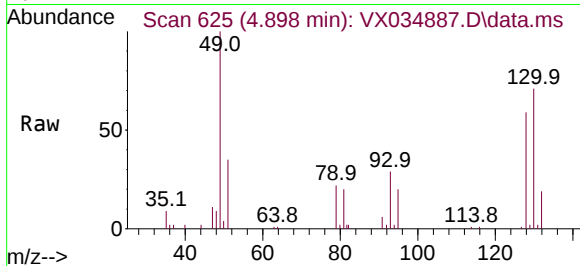




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 612
Delta R.T. -0.006 min
Lab File: VX034887.D
Acq: 31 Mar 2023 18:40

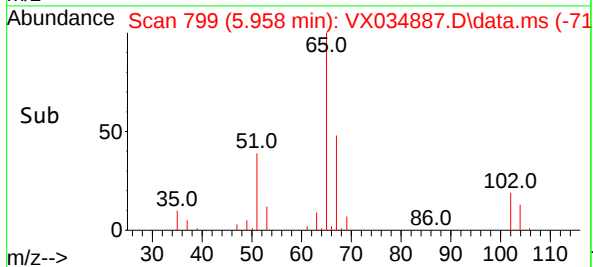
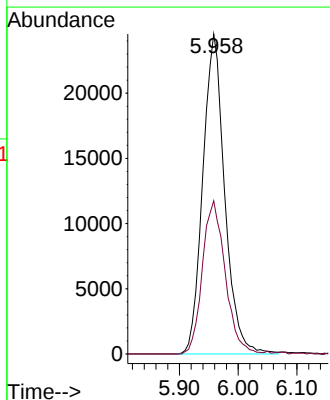
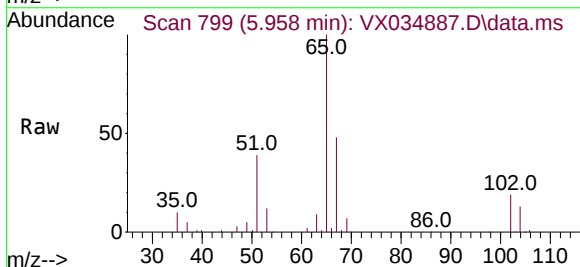
Instrument :
MSVOA_X
ClientSampleId :
MW-01

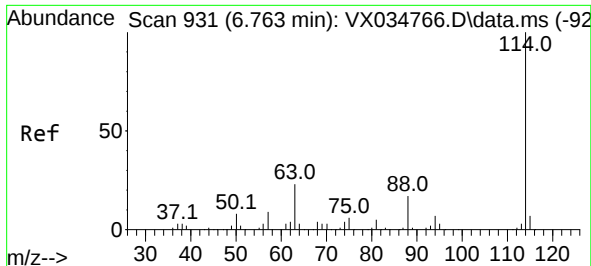
Tgt Ion:128 Resp: 19624
Ion Ratio Lower Upper
128 100
49 187.9 0.0 428.8
130 127.4 0.0 310.8



#27
1,2-Dichloroethane-d4
Concen: 33.724 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX034887.D
Acq: 31 Mar 2023 18:40

Tgt Ion: 65 Resp: 63589
Ion Ratio Lower Upper
65 100
67 49.8 40.9 61.3

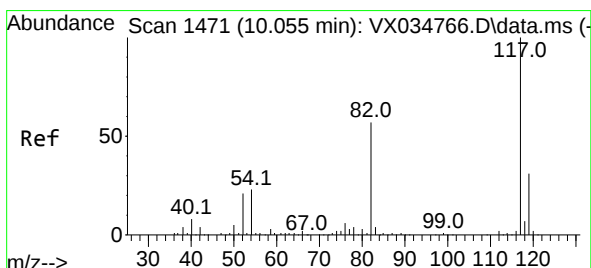
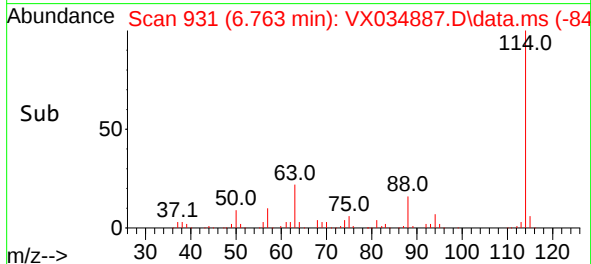
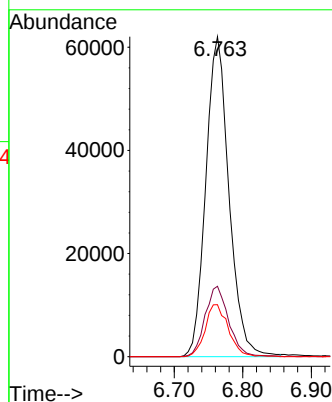
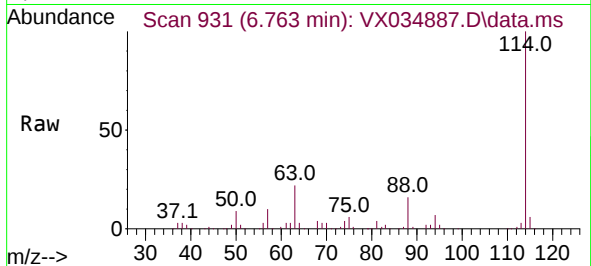




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034887.D
Acq: 31 Mar 2023 18:40

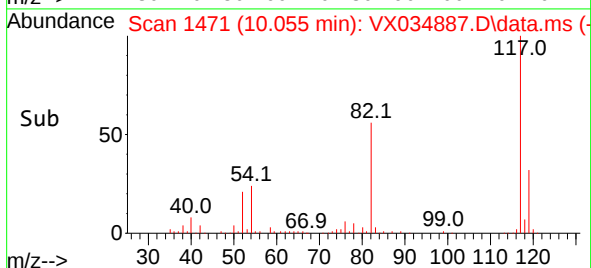
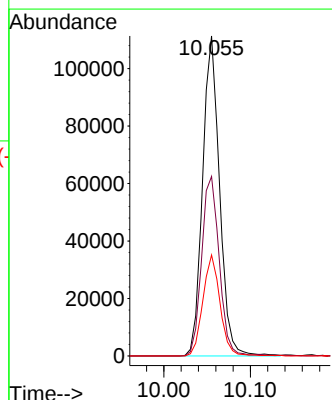
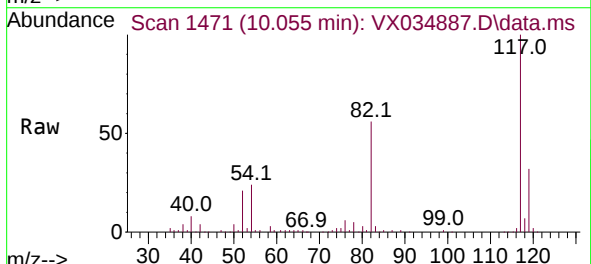
Instrument :
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ClientSampleId :
MW-01

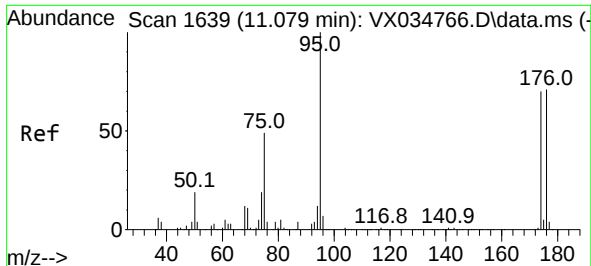
Tgt Ion:114 Resp: 146141
Ion Ratio Lower Upper
114 100
63 22.4 18.0 27.0
88 16.2 13.3 19.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034887.D
Acq: 31 Mar 2023 18:40

Tgt Ion:117 Resp: 151942
Ion Ratio Lower Upper
117 100
82 57.7 45.8 68.8
119 31.7 25.4 38.0

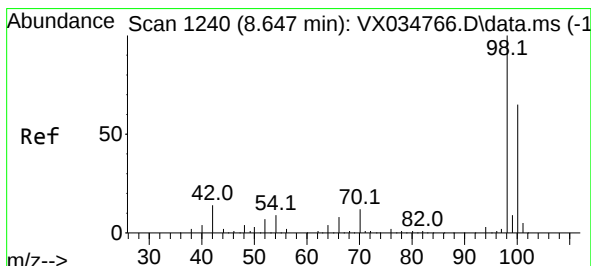
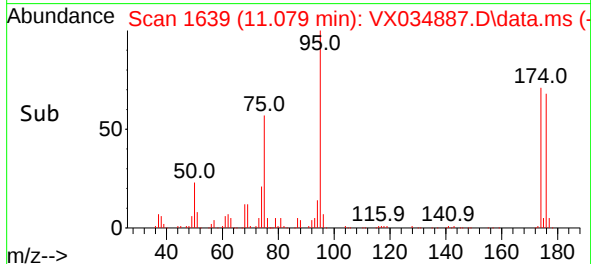
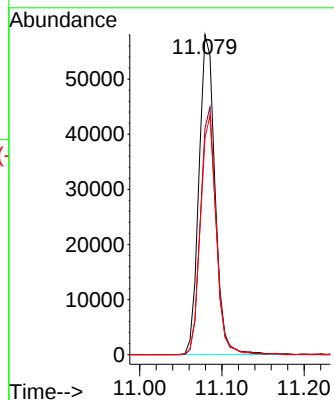
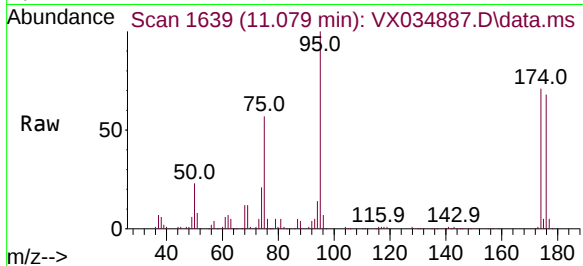




#60
4-Bromofluorobenzene
Concen: 25.806 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034887.D
Acq: 31 Mar 2023 18:40

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tgt Ion: 95 Resp: 78348
Ion Ratio Lower Upper
95 100
174 76.4 0.2 0.4#
176 73.5 0.2 0.2#



#63
Toluene-d8
Concen: 29.718 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034887.D
Acq: 31 Mar 2023 18:40

Tgt Ion: 98 Resp: 153450
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1

