

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
 Data File : VX041905.D
 Acq On : 17 Jun 2024 13:24
 Operator : JC/MD
 Sample : P2908-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240613002-07-TB

Quant Time: Jun 18 02:06:55 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	4.897	128	30173	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	163893	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	147005	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	62410	30.047	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.167%
60) 4-Bromofluorobenzene	11.079	95	60867	26.749	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.167%
63) Toluene-d8	8.647	98	191167	30.395	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.333%

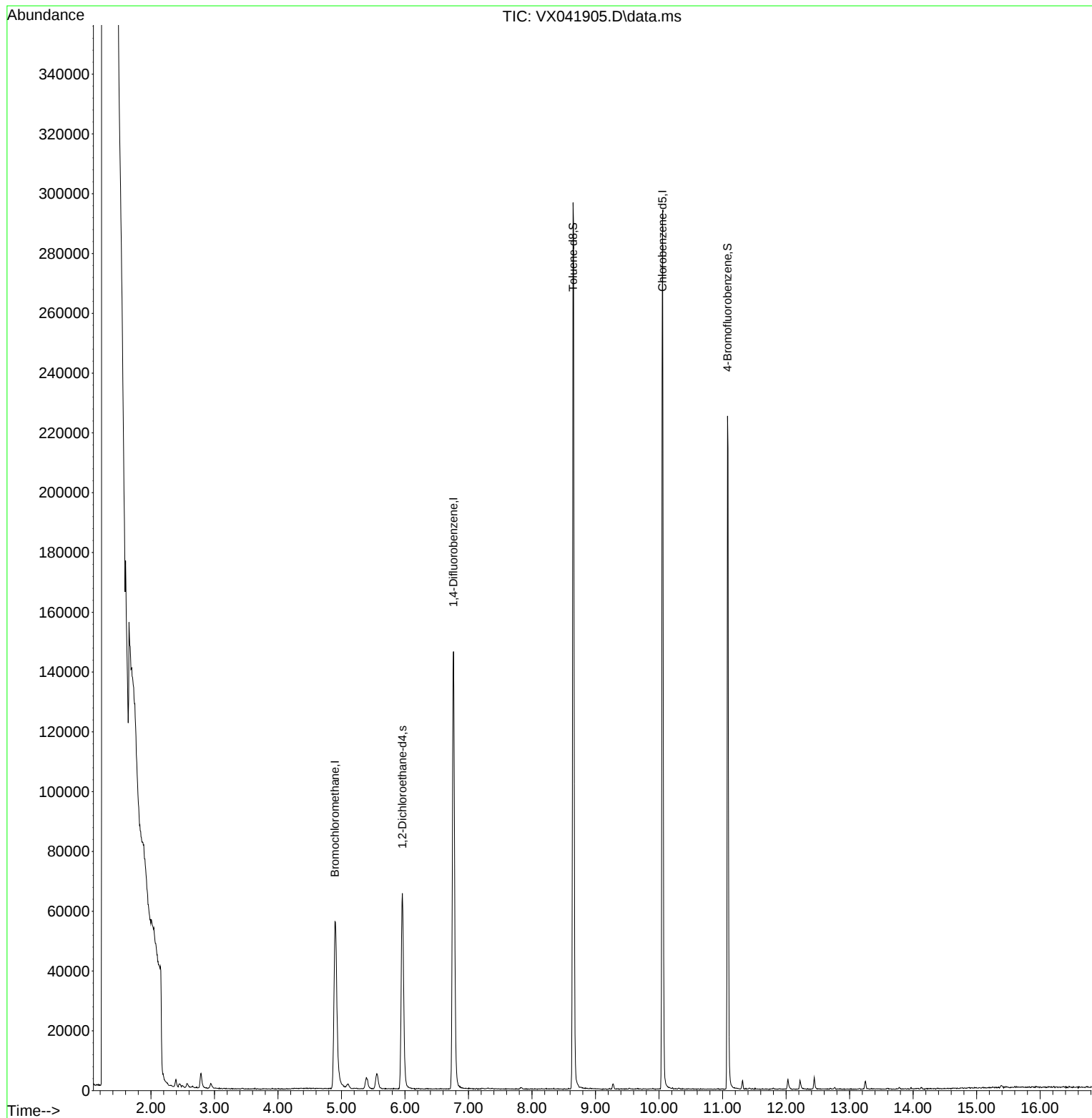
Target Compounds	Qvalue

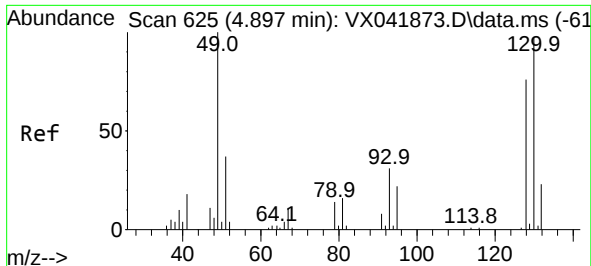
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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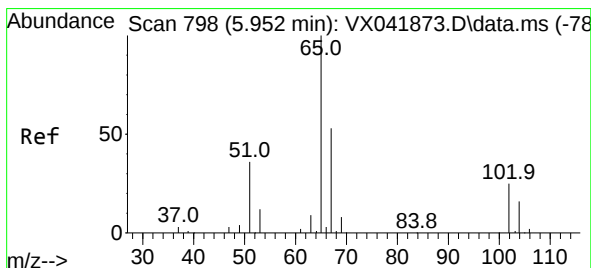
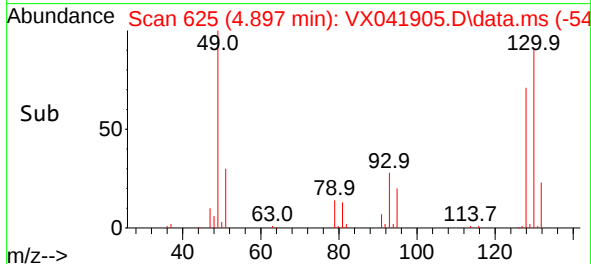
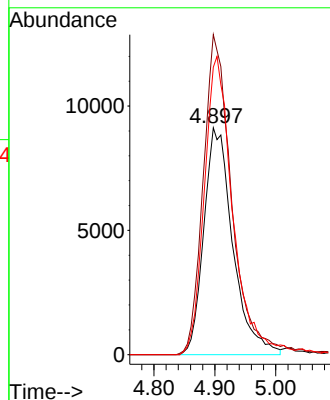
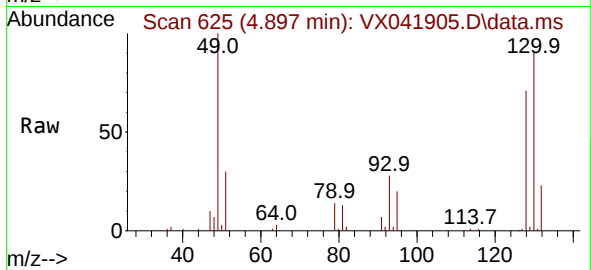




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041905.D
Acq: 17 Jun 2024 13:24

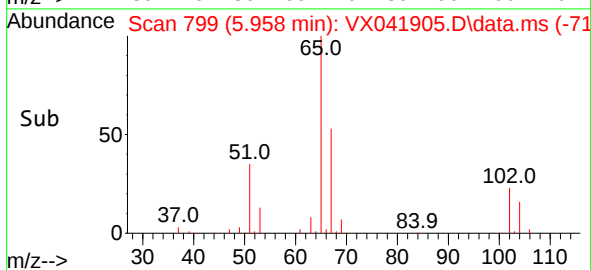
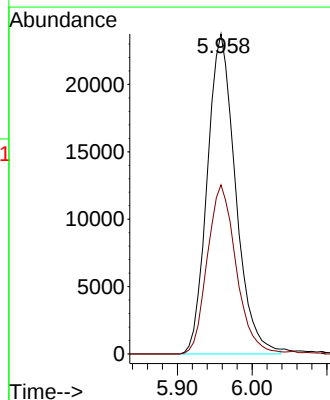
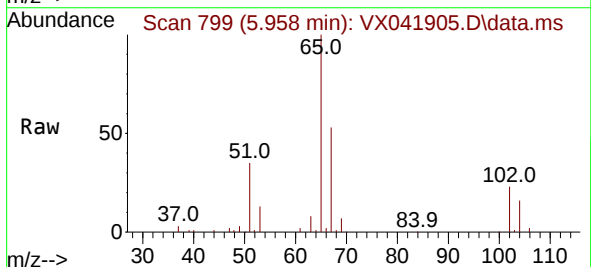
Instrument :
MSVOA_X
ClientSampleId :
240613002-07-TB

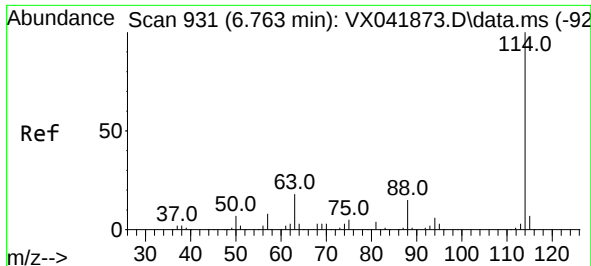
Tgt Ion:128 Resp: 30173
Ion Ratio Lower Upper
128 100
49 139.1 0.0 338.5
130 127.8 0.0 324.5



#27
1,2-Dichloroethane-d4
Concen: 30.047 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041905.D
Acq: 17 Jun 2024 13:24

Tgt Ion: 65 Resp: 62410
Ion Ratio Lower Upper
65 100
67 53.8 43.4 65.0

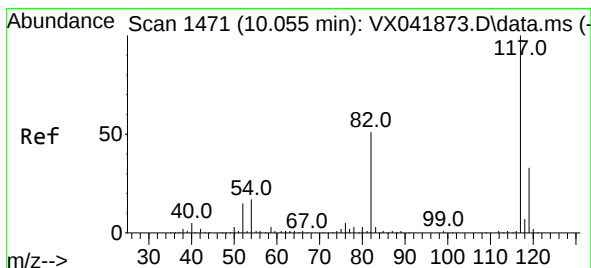
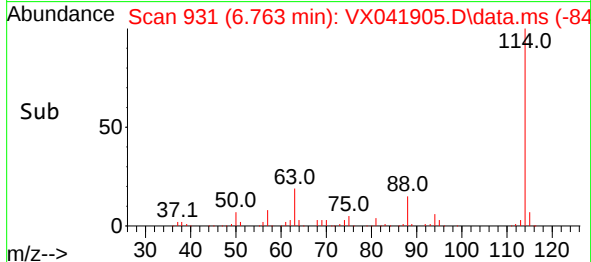
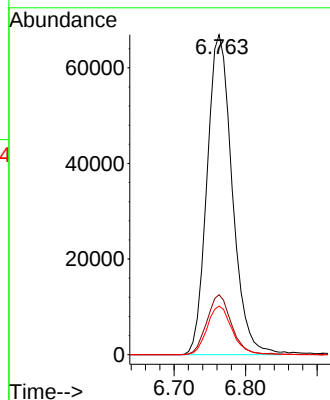
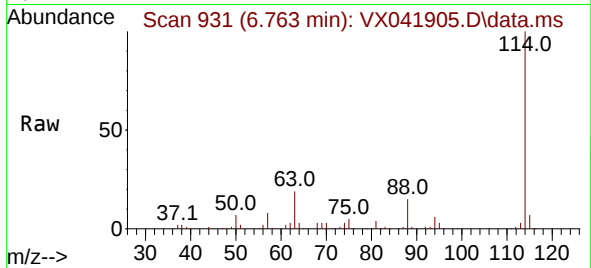




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041905.D
Acq: 17 Jun 2024 13:24

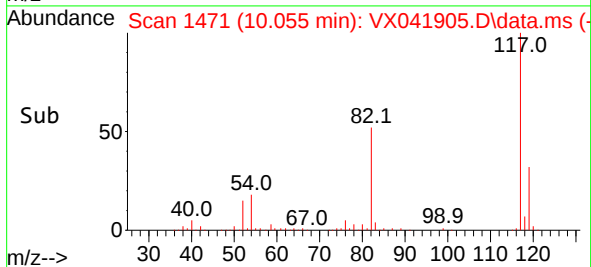
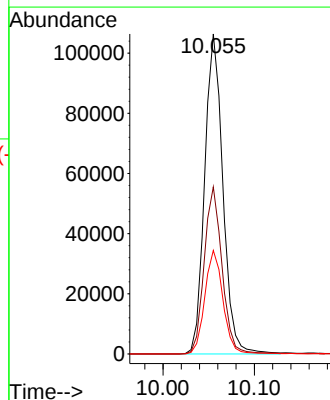
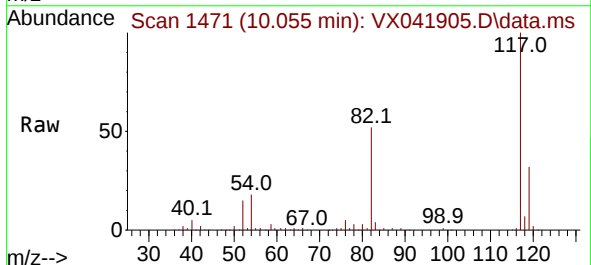
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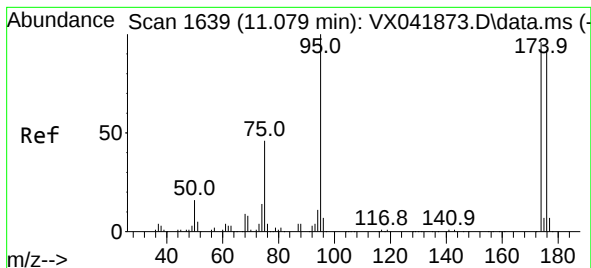
Tgt Ion:114 Resp: 163893
Ion Ratio Lower Upper
114 100
63 18.3 14.6 21.8
88 15.1 11.8 17.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041905.D
Acq: 17 Jun 2024 13:24

Tgt Ion:117 Resp: 147005
Ion Ratio Lower Upper
117 100
82 51.3 41.1 61.7
119 32.3 26.1 39.1

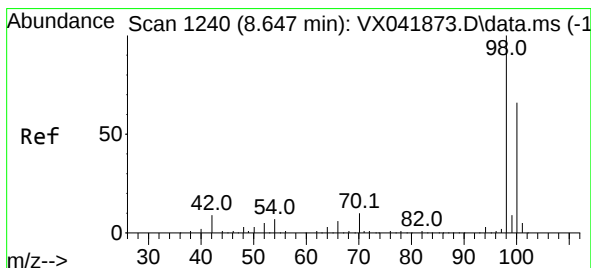
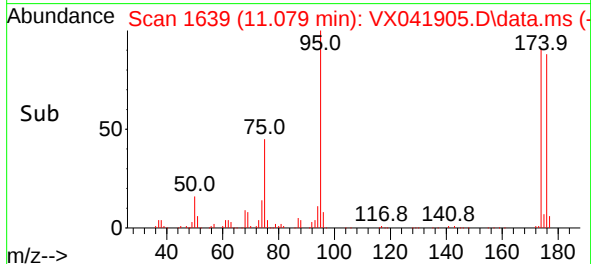
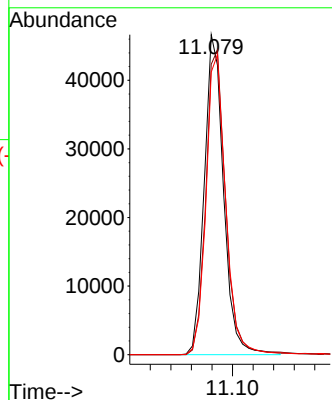
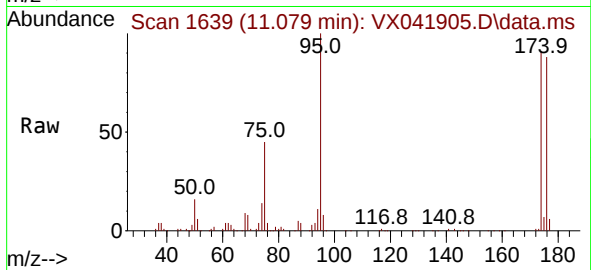




#60
4-Bromofluorobenzene
Concen: 26.749 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041905.D
Acq: 17 Jun 2024 13:24

Instrument :
MSVOA_X
ClientSampleId :
240613002-07-TB

Tgt Ion: 95 Resp: 60867
Ion Ratio Lower Upper
95 100
174 96.8 78.9 118.3
176 95.8 77.1 115.7



#63
Toluene-d8
Concen: 30.395 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041905.D
Acq: 17 Jun 2024 13:24

Tgt Ion: 98 Resp: 191167
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1

