

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051122\
 Data File : VX028619.D
 Acq On : 11 May 2022 13:50
 Operator : JC/MD
 Sample : N2761-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP04

Quant Time: May 12 04:55:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 06:09:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	52003	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	277868	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	248972	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	105206	31.811	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.033%
60) 4-Bromofluorobenzene	11.079	95	106089	27.400	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.333%
63) Toluene-d8	8.653	98	320738	30.410	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.367%

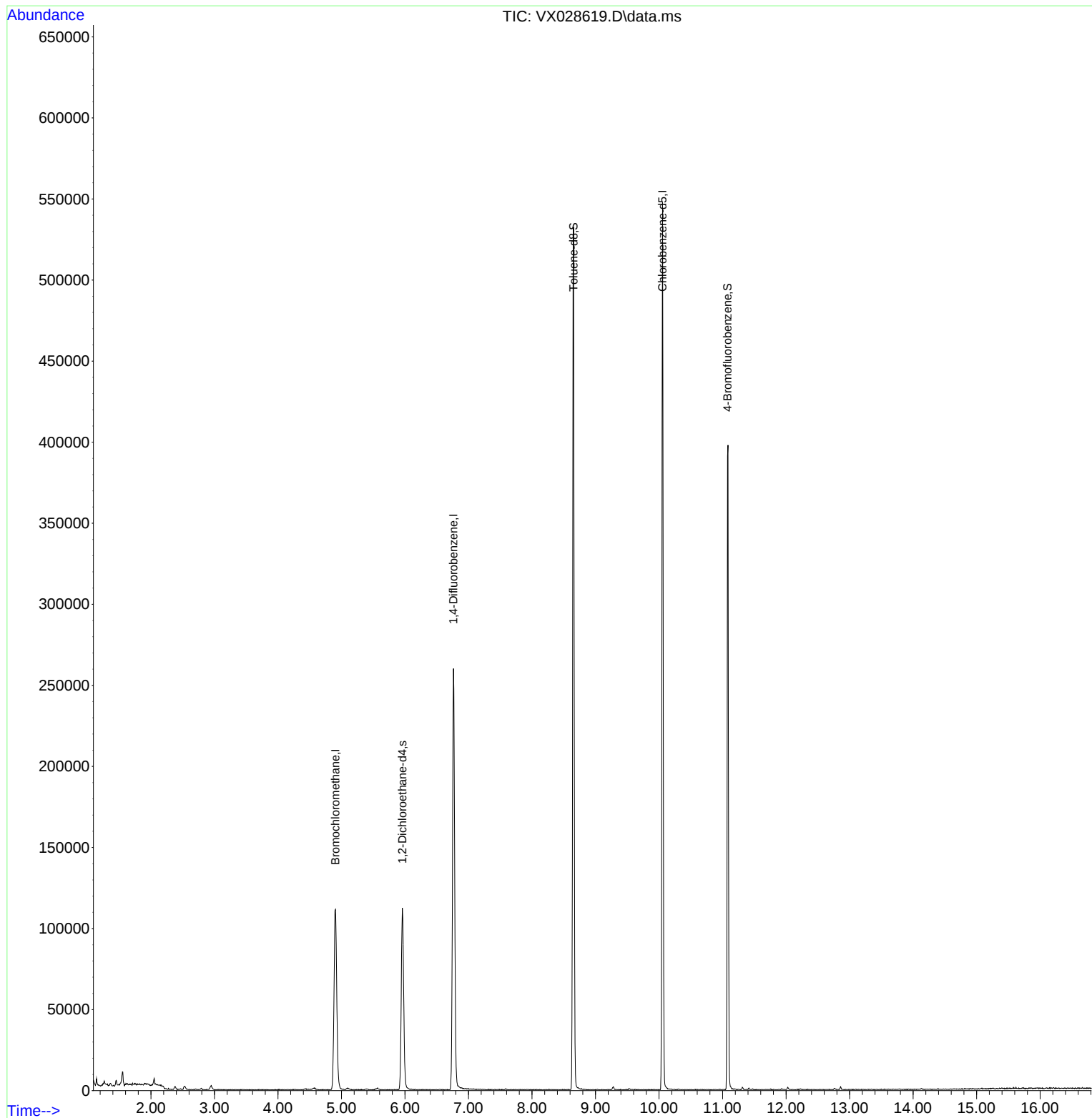
Target Compounds	Qvalue

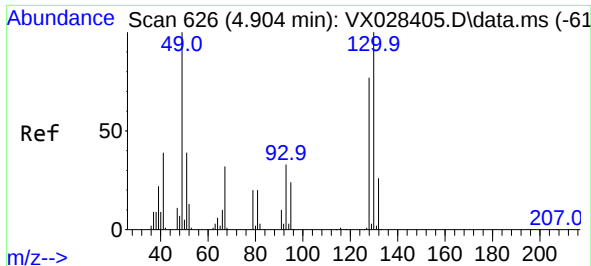
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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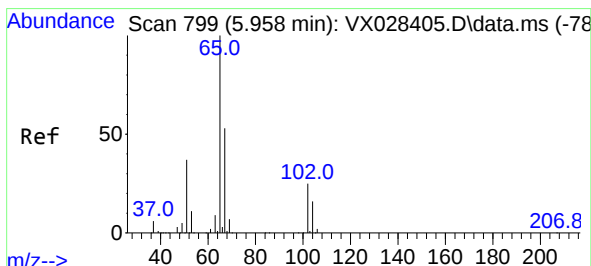
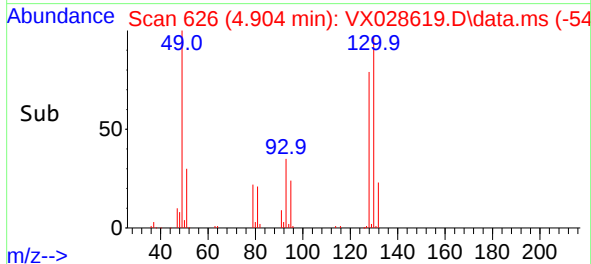
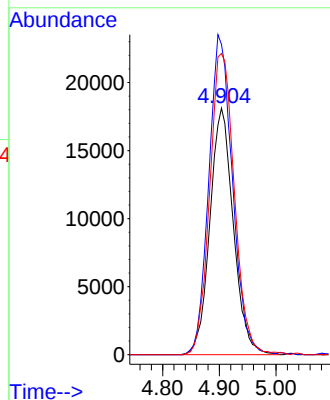
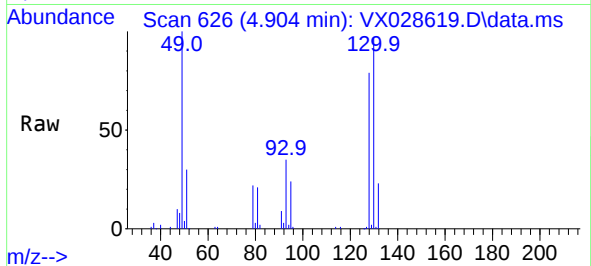




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

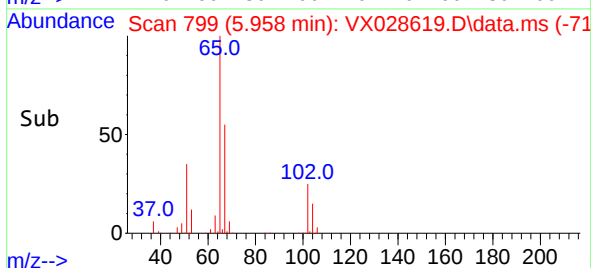
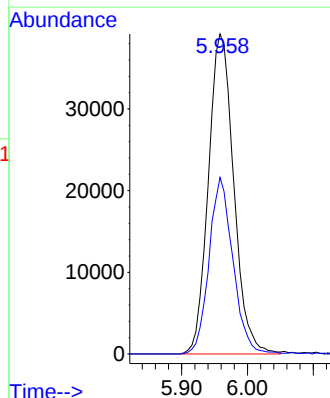
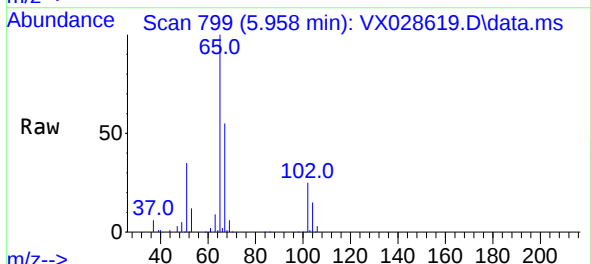
Instrument :
MSVOA_X
ClientSampleId :
TWP04

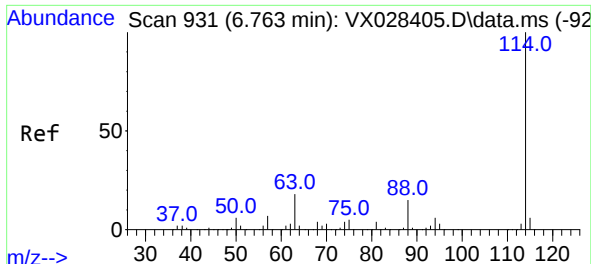
Tgt Ion:128 Resp: 52003
Ion Ratio Lower Upper
128 100
49 131.0 0.0 358.3
130 128.7 0.0 319.3



#27
1,2-Dichloroethane-d4
Concen: 31.811 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

Tgt Ion: 65 Resp: 105206
Ion Ratio Lower Upper
65 100
67 51.6 42.3 63.5

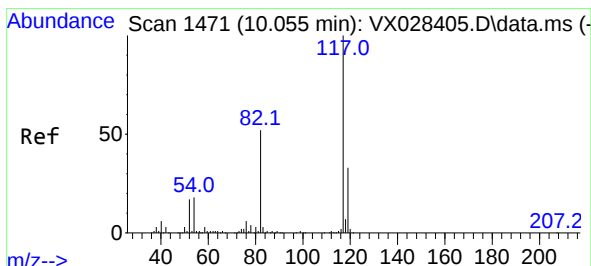
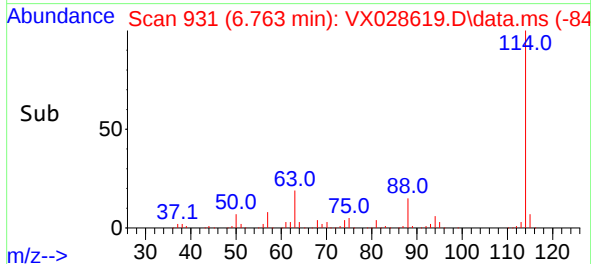
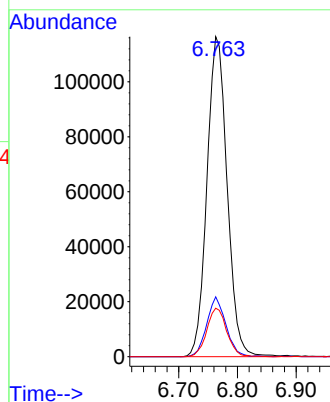
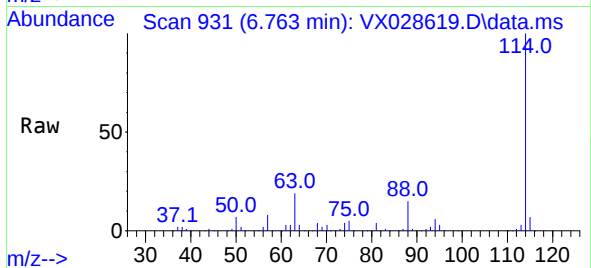




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

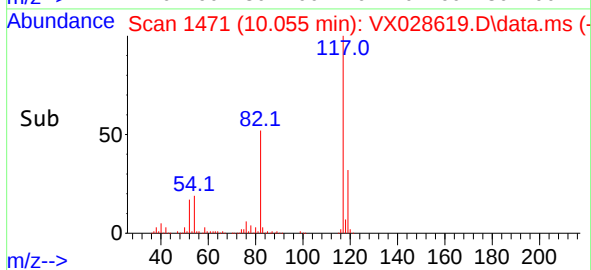
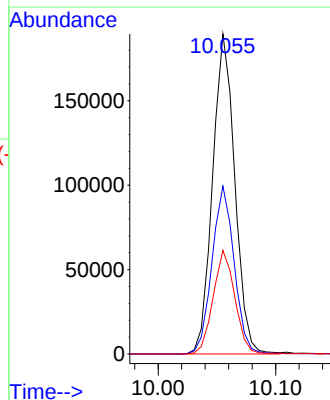
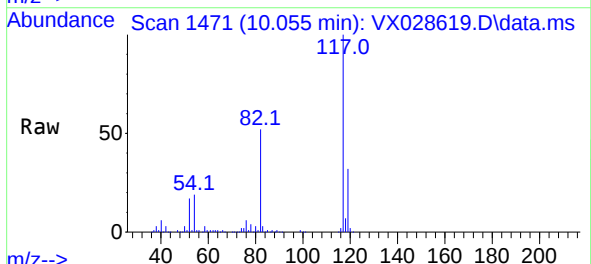
Instrument :
MSVOA_X
ClientSampleId :
TWP04

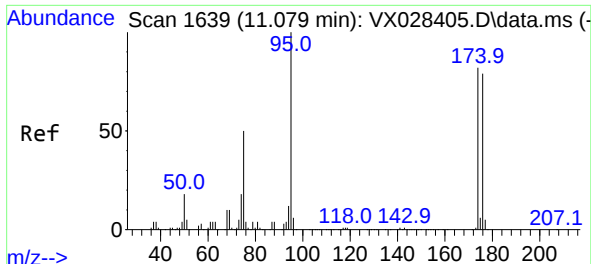
Tgt Ion:114 Resp: 277868
Ion Ratio Lower Upper
114 100
63 17.7 15.3 22.9
88 14.9 12.2 18.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

Tgt Ion:117 Resp: 248972
Ion Ratio Lower Upper
117 100
82 52.5 42.3 63.5
119 31.6 26.2 39.2



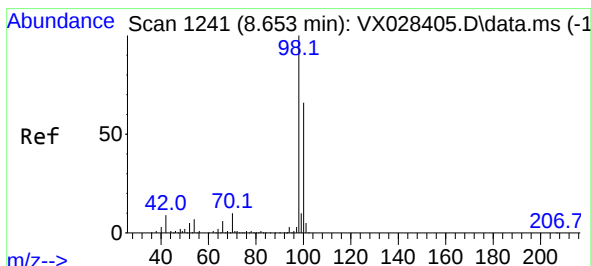
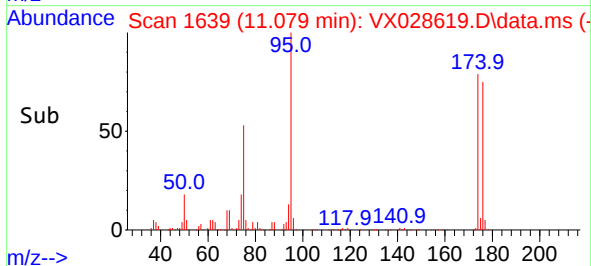
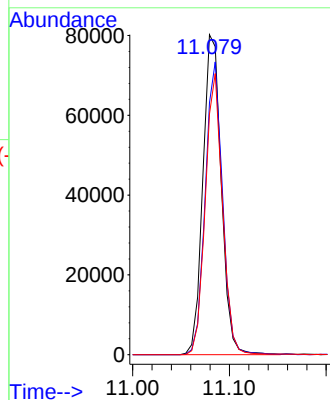
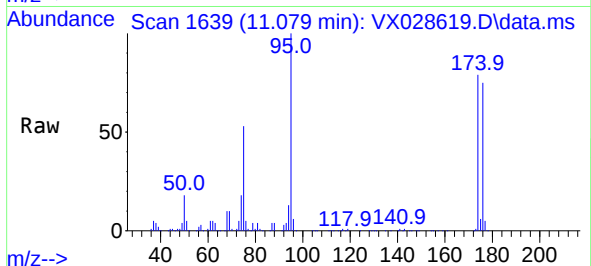


#60
4-Bromofluorobenzene
Concen: 27.400 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

Instrument :
MSVOA_X
ClientSampleId :
TWP04

Tgt Ion: 95 Resp: 106089

Ion	Ratio	Lower	Upper
95	100		
174	86.4	65.4	98.2
176	82.4	63.4	95.0



#63
Toluene-d8
Concen: 30.410 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

Tgt Ion: 98 Resp: 320738

Ion	Ratio	Lower	Upper
98	100		
100	66.5	51.4	77.2

