

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050522\
 Data File : VX028530.D
 Acq On : 05 May 2022 12:52
 Operator : JC/MD
 Sample : VX0505WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBL01

Quant Time: May 06 02:25:48 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	70229	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	383201	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	340714	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	138545	31.020	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.400%
60) 4-Bromofluorobenzene	11.079	95	148560	28.038	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.467%
63) Toluene-d8	8.647	98	442559	30.662	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.200%

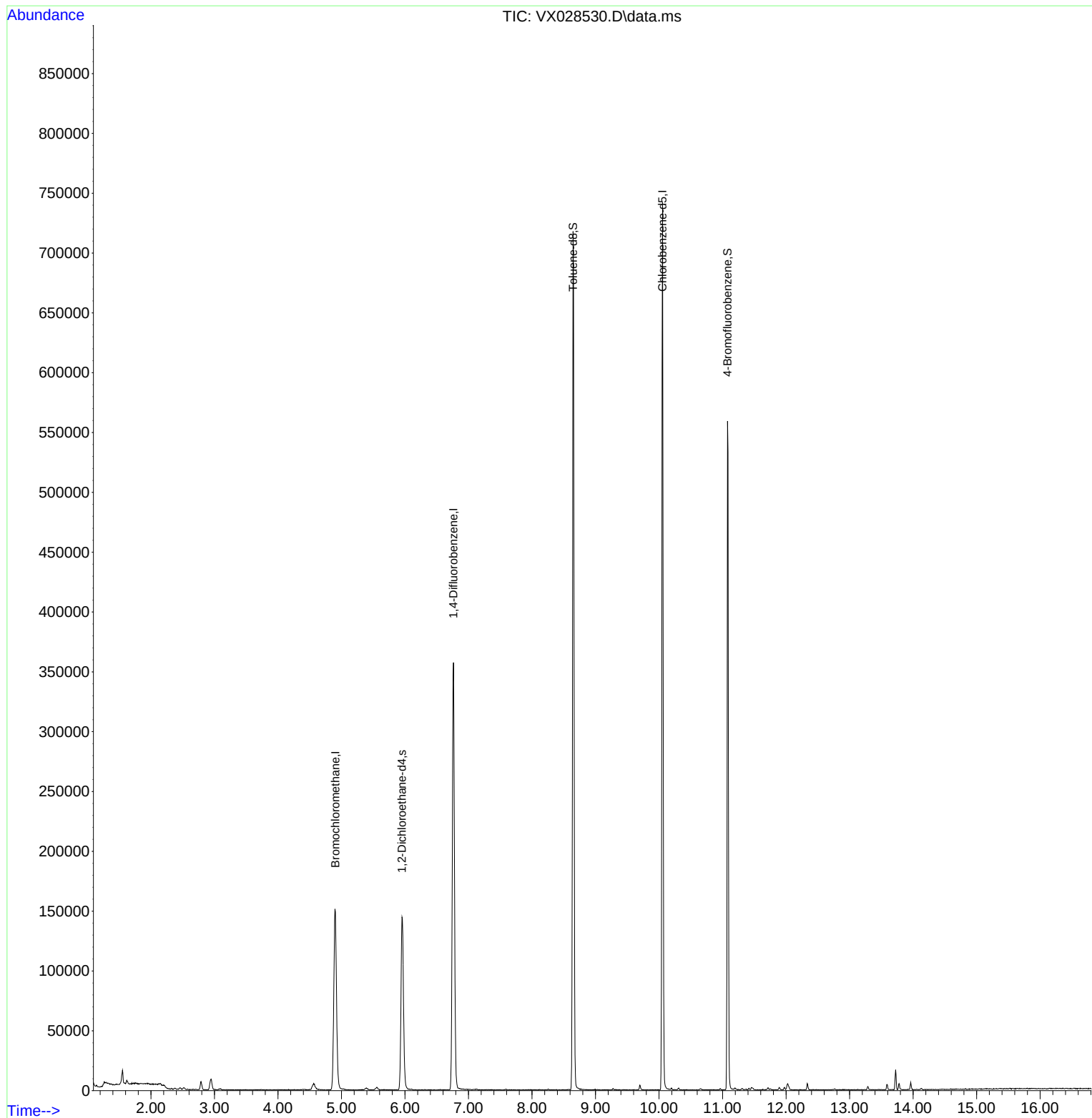
Target Compounds	Qvalue

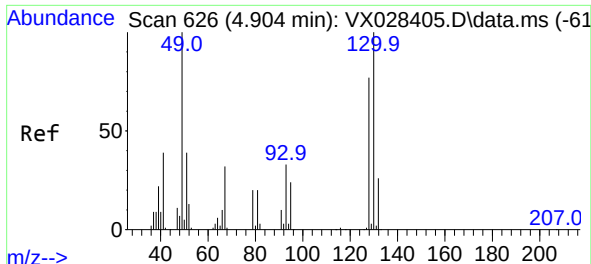
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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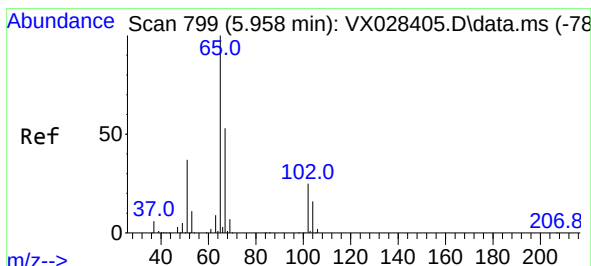
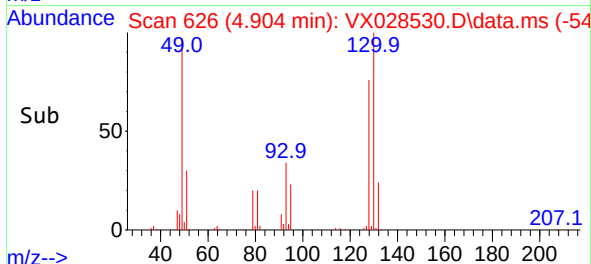
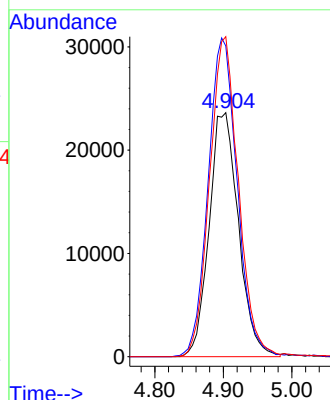
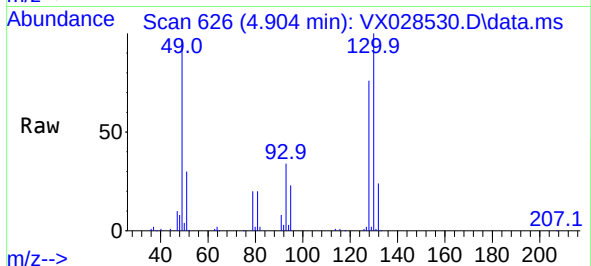




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX028530.D
Acq: 05 May 2022 12:52

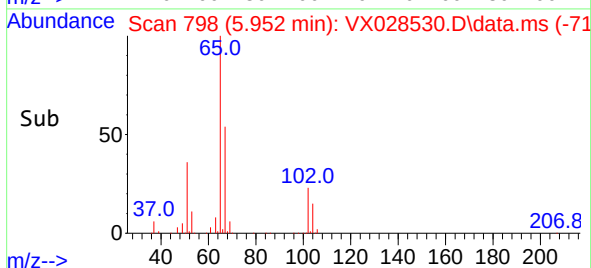
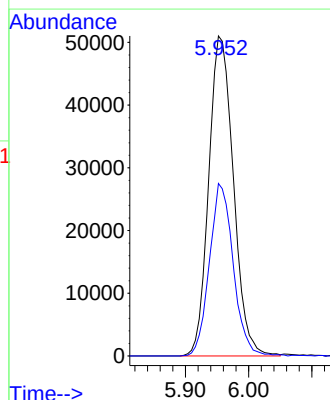
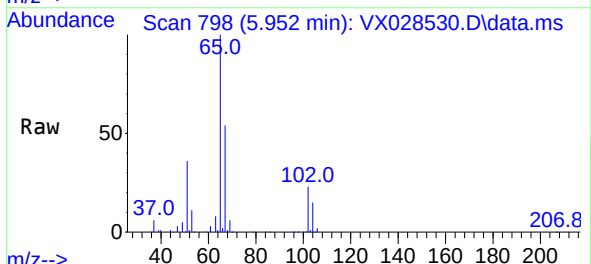
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBL01

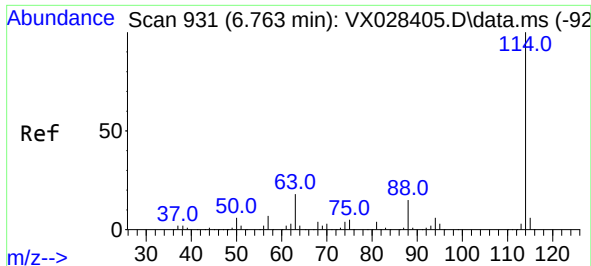
Tgt Ion:128 Resp: 70229
Ion Ratio Lower Upper
128 100
49 129.4 0.0 358.3
130 128.6 0.0 319.3



#27
1,2-Dichloroethane-d4
Concen: 31.020 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX028530.D
Acq: 05 May 2022 12:52

Tgt Ion: 65 Resp: 138545
Ion Ratio Lower Upper
65 100
67 51.8 42.3 63.5



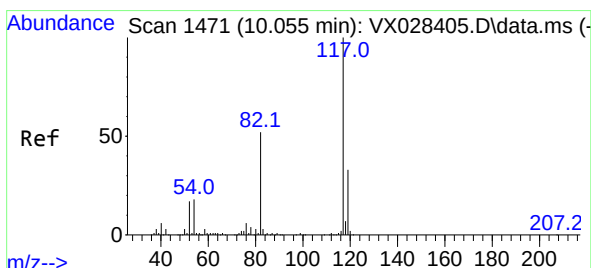
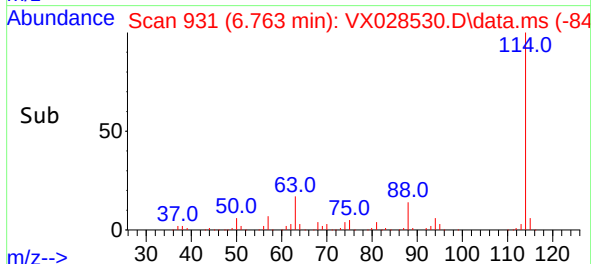
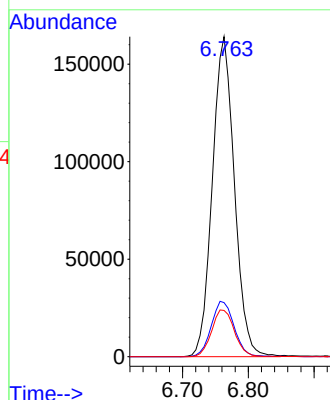
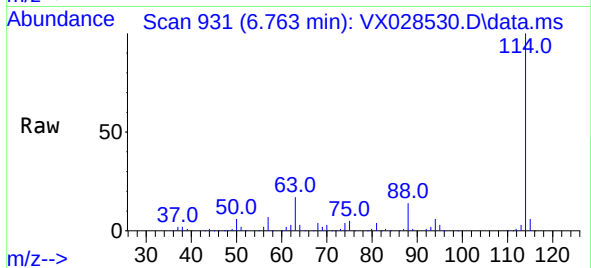


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX028530.D
Acq: 05 May 2022 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBL01

Tgt Ion:114 Resp: 383201

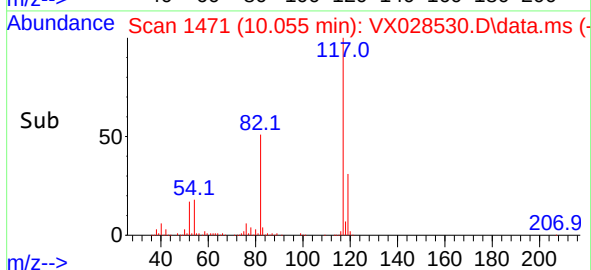
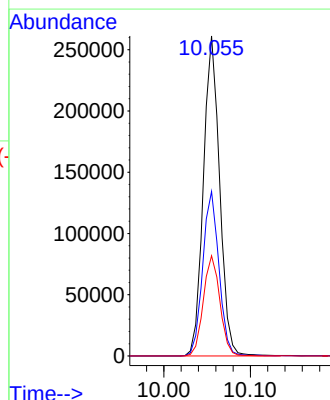
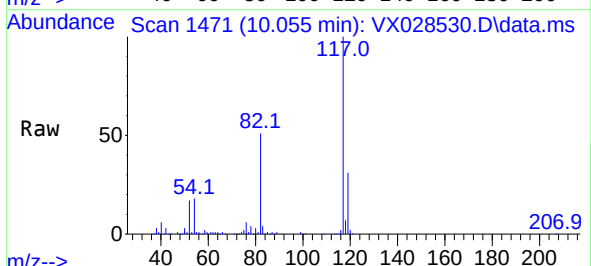
Ion	Ratio	Lower	Upper
114	100		
63	17.9	15.3	22.9
88	15.1	12.2	18.4

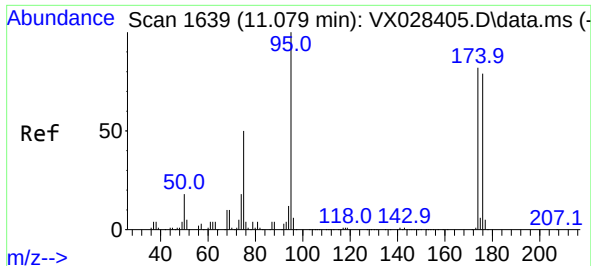


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028530.D
Acq: 05 May 2022 12:52

Tgt Ion:117 Resp: 340714

Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.3	63.5
119	31.9	26.2	39.2



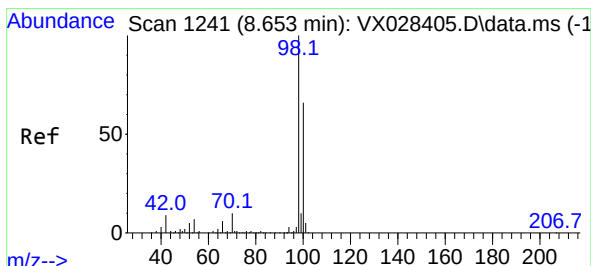
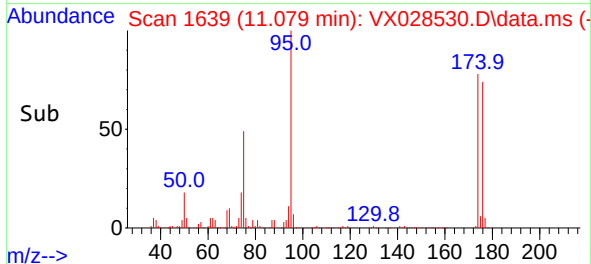
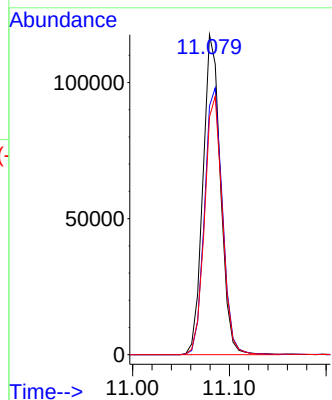
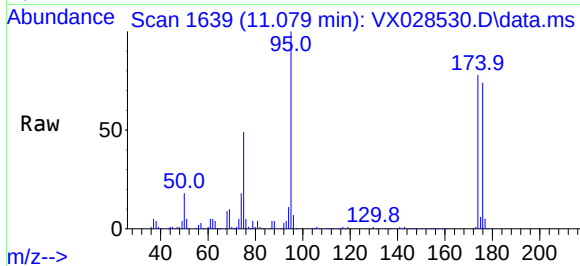


#60
4-Bromofluorobenzene
Concen: 28.038 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028530.D
Acq: 05 May 2022 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBL01

Tgt Ion: 95 Resp: 148560

Ion	Ratio	Lower	Upper
95	100		
174	85.5	65.4	98.2
176	82.2	63.4	95.0



#63
Toluene-d8
Concen: 30.662 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028530.D
Acq: 05 May 2022 12:52

Tgt Ion: 98 Resp: 442559

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.4	77.2

