

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021939.D
 Acq On : 12 May 2021 20:52
 Operator : JC/MD
 Sample : VX0513WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBL01

Quant Time: May 13 06:25:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	20613	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	121362	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	105505	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	47792	30.10	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.33%
60) 4-Bromofluorobenzene	11.085	95	51310	29.30	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.67%
63) Toluene-d8	8.653	98	146057	30.29	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.97%

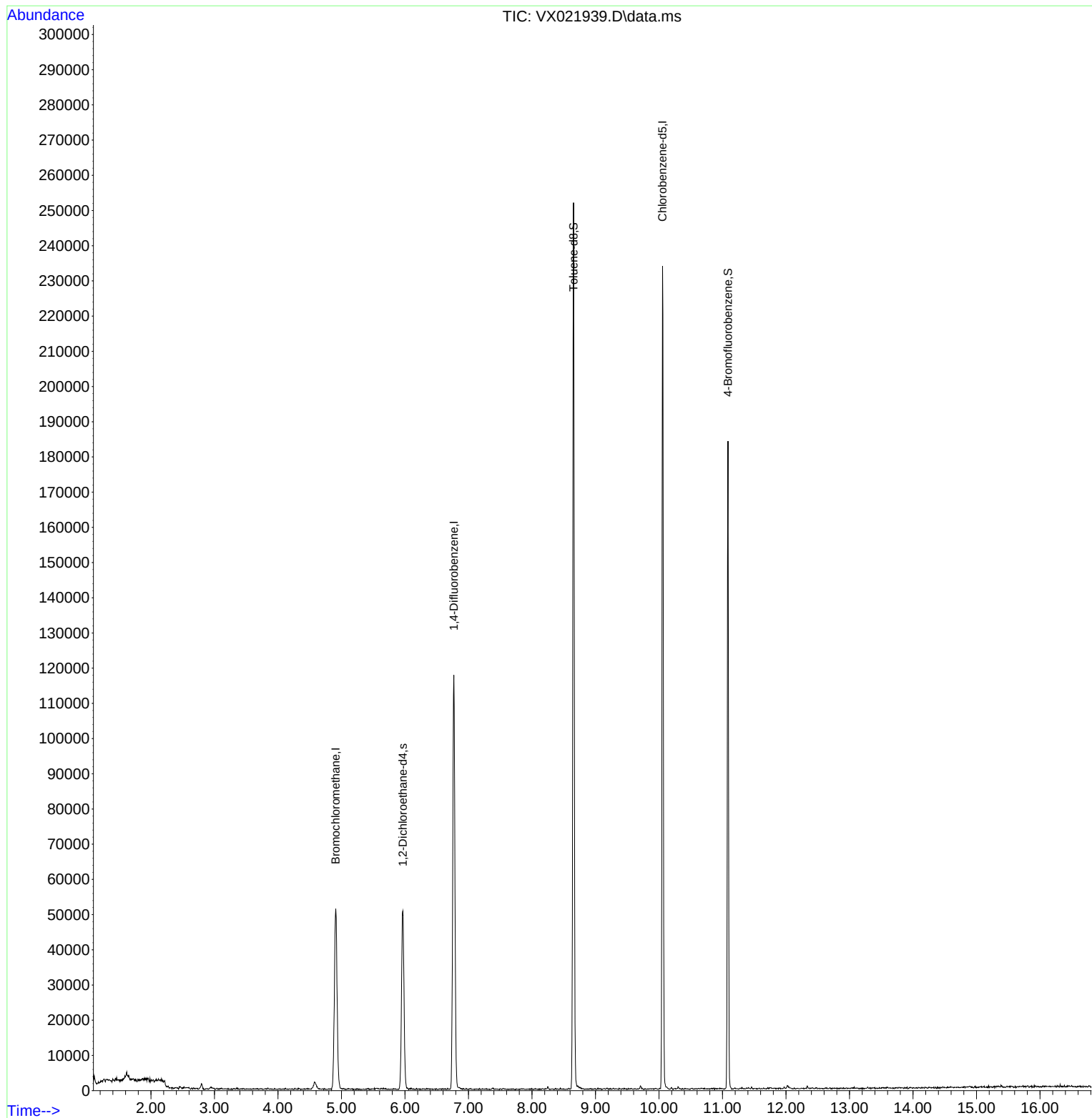
Target Compounds	Qvalue

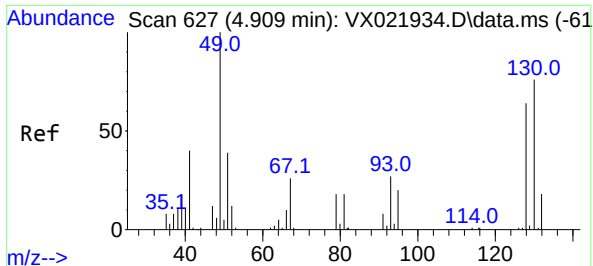
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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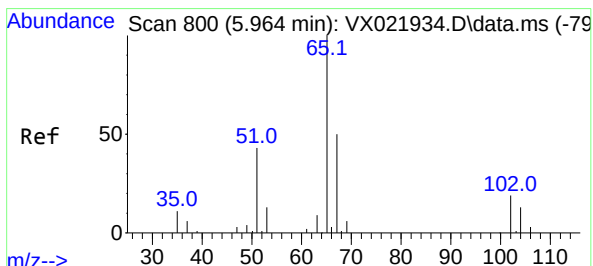
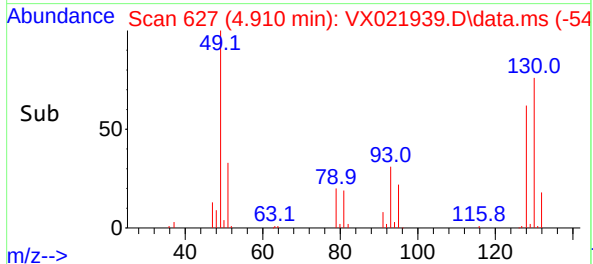
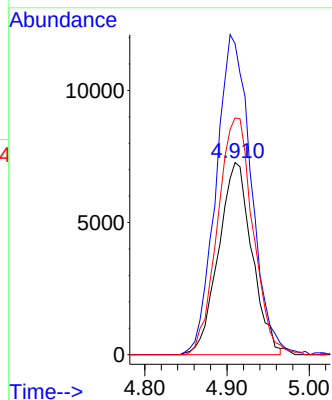
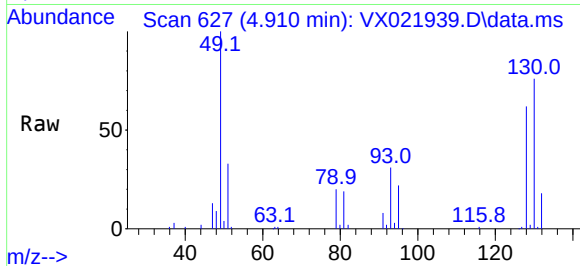




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.001 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

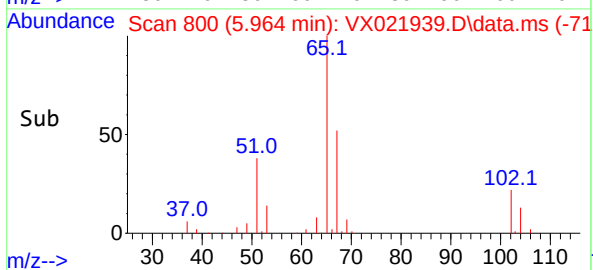
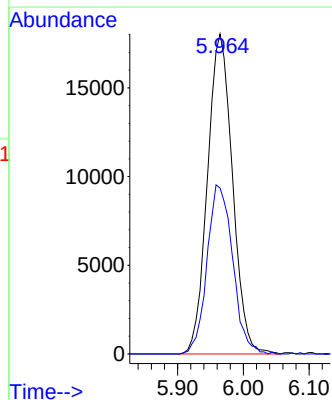
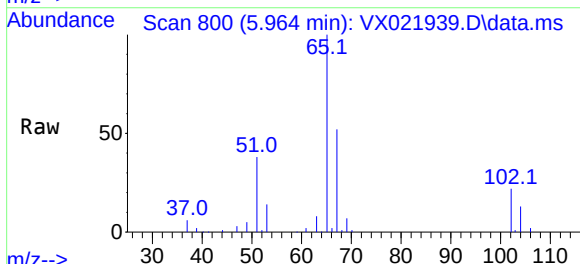
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

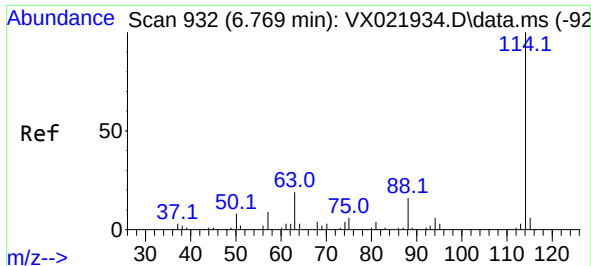
Tgt Ion:128 Resp: 20613
Ion Ratio Lower Upper
128 100
49 174.3 0.0 442.5
130 130.6 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 30.10 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

Tgt Ion: 65 Resp: 47792
Ion Ratio Lower Upper
65 100
67 54.0 41.5 62.3

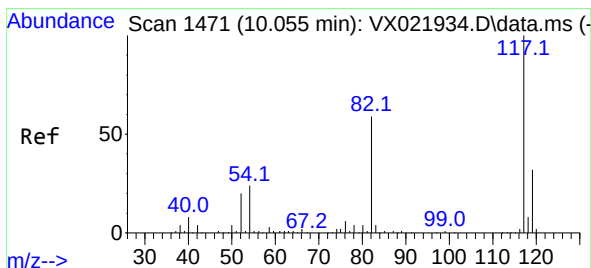
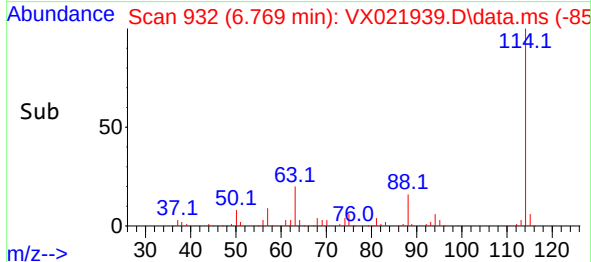
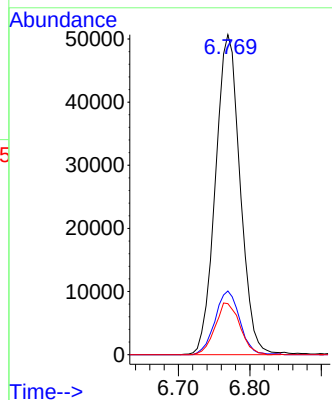
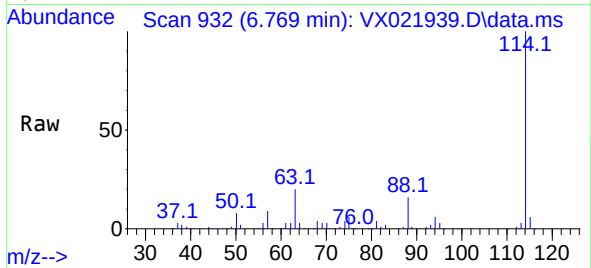




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

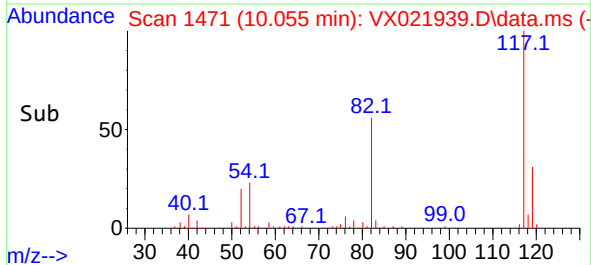
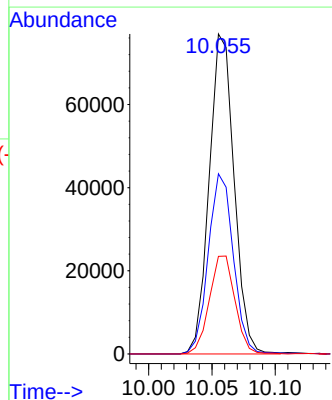
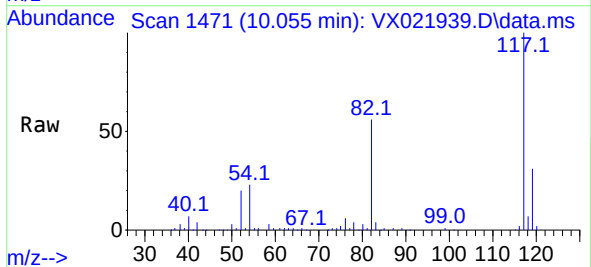
Instrument :
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ClientSampleId :
VX0513WBL01

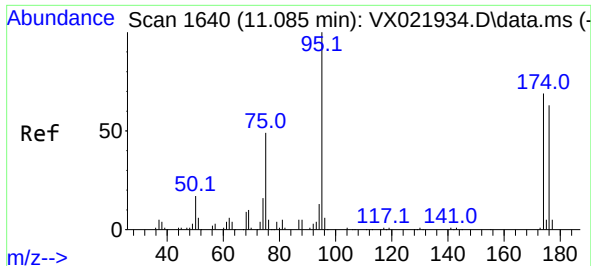
Tgt Ion:114 Resp: 121362
Ion Ratio Lower Upper
114 100
63 19.9 16.6 25.0
88 16.3 13.1 19.7



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

Tgt Ion:117 Resp: 105505
Ion Ratio Lower Upper
117 100
82 56.9 44.9 67.3
119 31.5 25.0 37.6

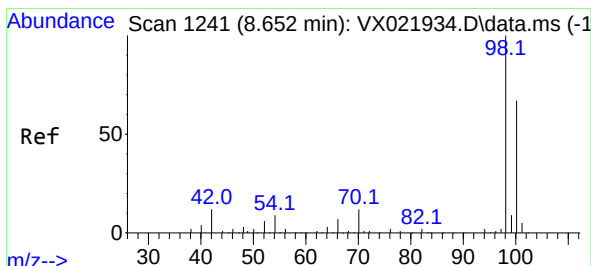
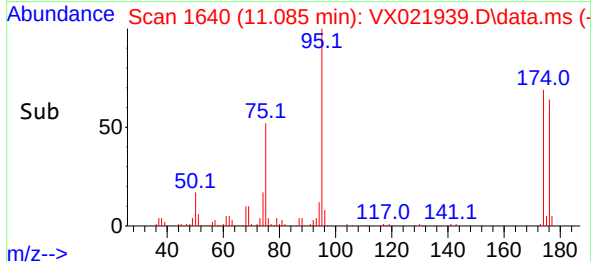
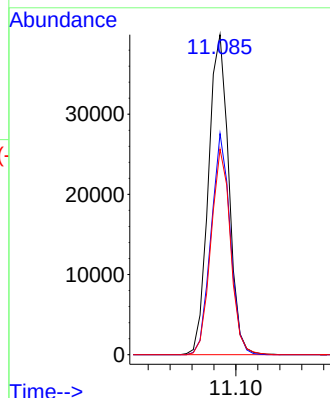
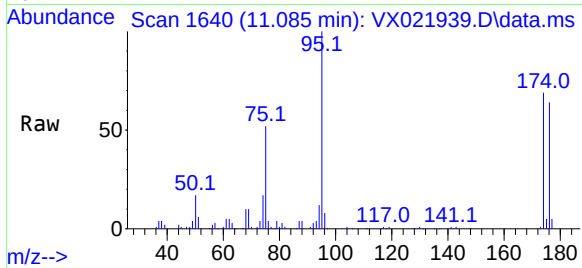




#60
4-Bromofluorobenzene
Concen: 29.30 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

Instrument :
MSVOA_X
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VX0513WBL01

Tgt Ion: 95 Resp: 51310
Ion Ratio Lower Upper
95 100
174 65.2 52.2 78.2
176 61.9 49.3 73.9



#63
Toluene-d8
Concen: 30.29 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

Tgt Ion: 98 Resp: 146057
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8

