

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
 Data File : VX033665.D
 Acq On : 09 Jan 2023 16:02
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 10 00:47:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 Response via : Initial Calibration

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

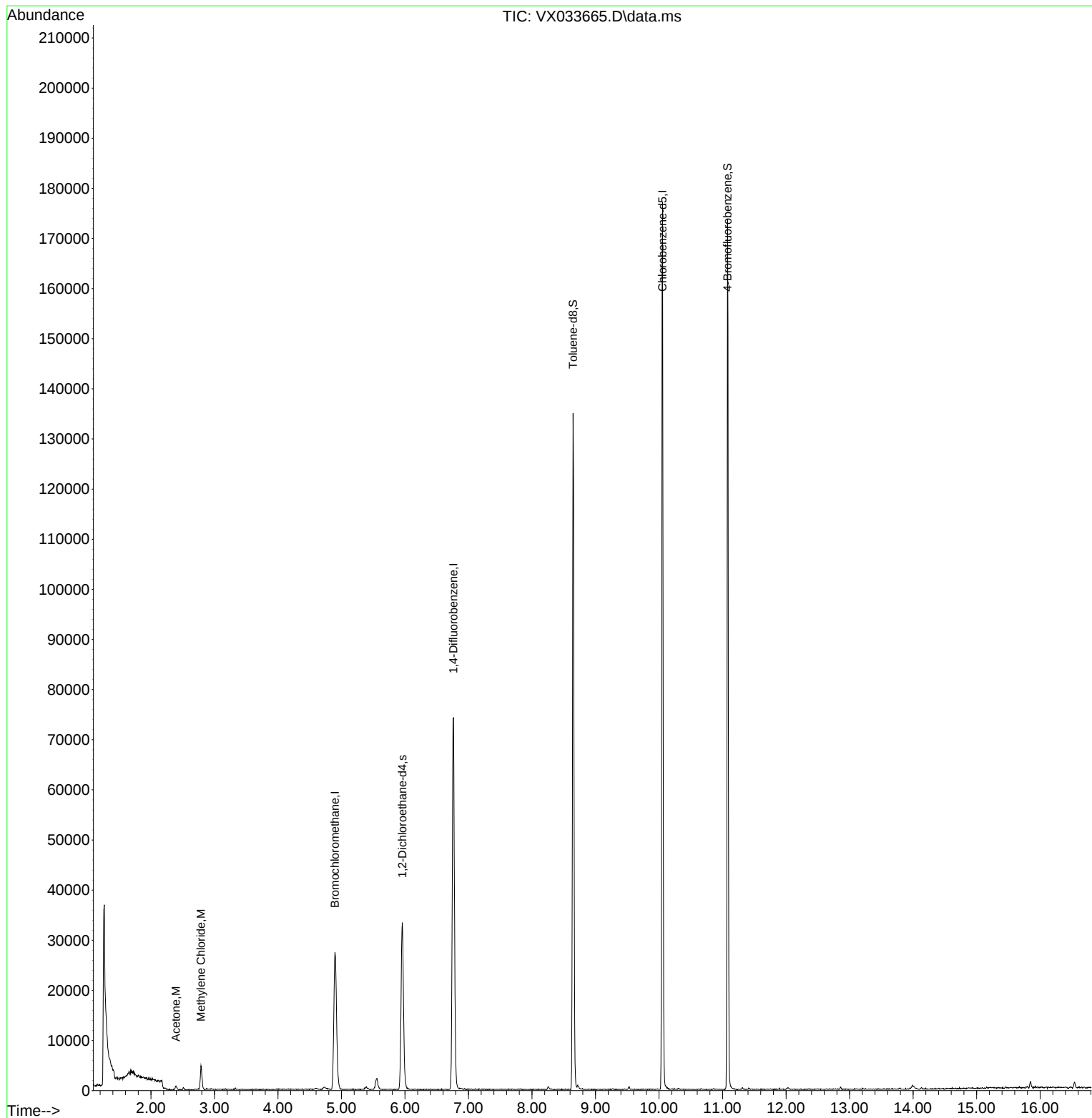
Internal Standards						
1) Bromochloromethane	4.897	128	12150	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	78583	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	81295	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	33210	33.757	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.533%#
60) 4-Bromofluorobenzene	11.079	95	43008	29.353	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.833%
63) Toluene-d8	8.647	98	80320	30.872	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.900%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	236	1.627	ug/l	70
18) Methylene Chloride	2.788	84	2060	1.585	ug/l #	91

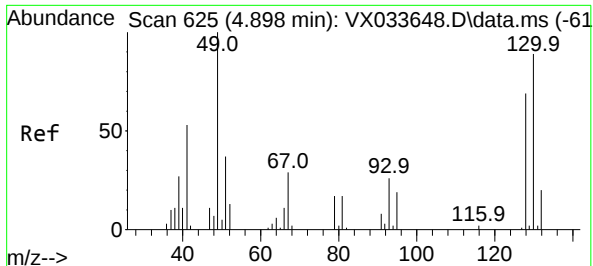
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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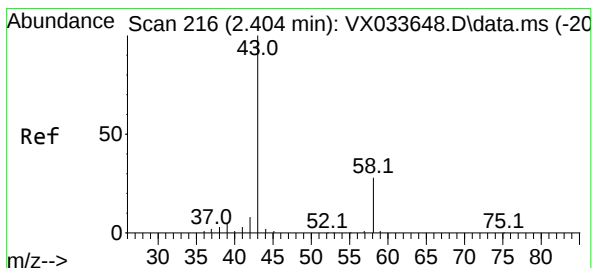
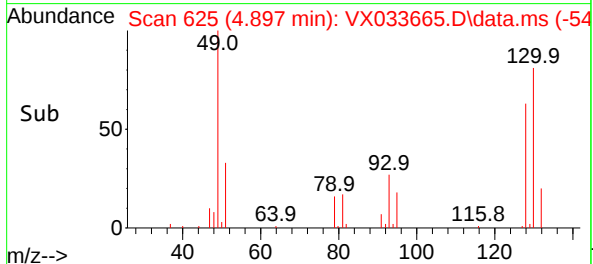
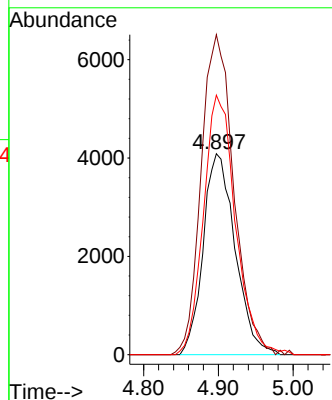
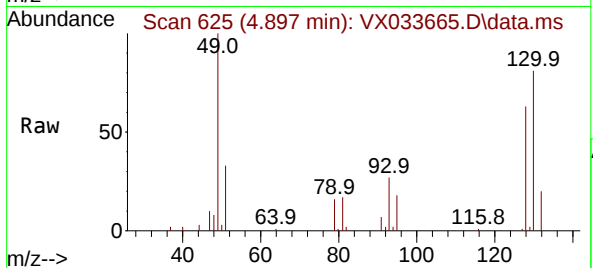




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

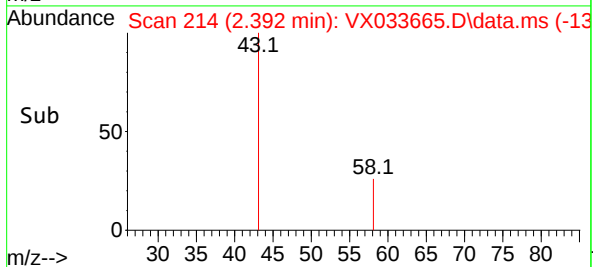
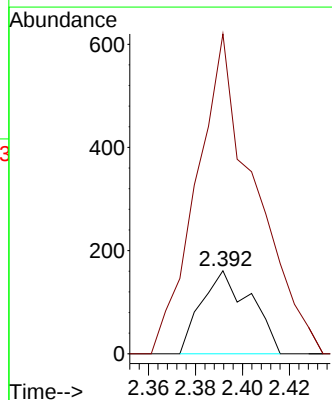
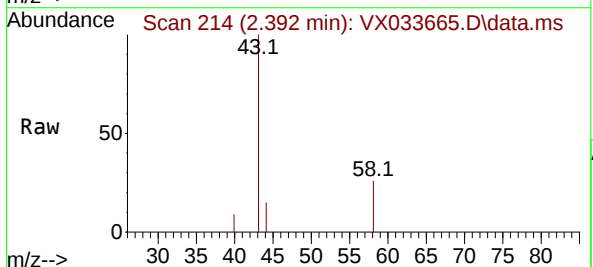
Instrument :
MSVOA_X
ClientSampleId :
IBLK

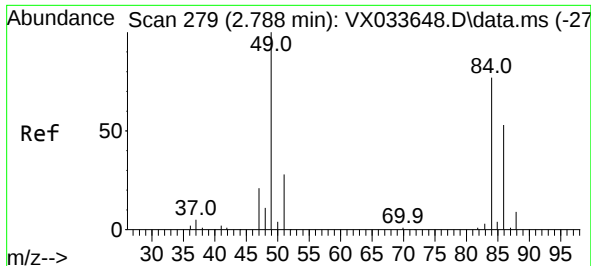
Tgt Ion:128 Resp: 12150
Ion Ratio Lower Upper
128 100
49 162.5 0.0 398.5
130 129.9 0.0 329.0



#15
Acetone
Concen: 1.627 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

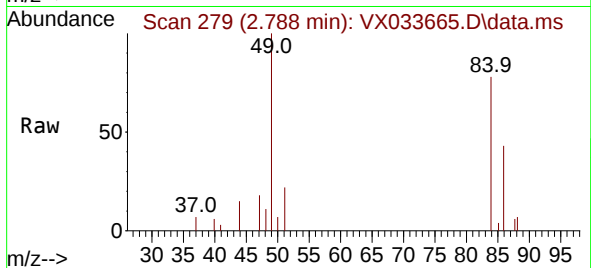
Tgt Ion: 58 Resp: 236
Ion Ratio Lower Upper
58 100
43 294.4 288.3 432.5



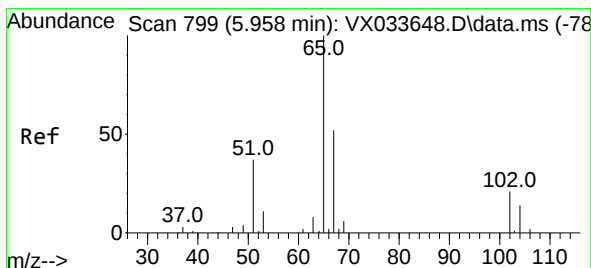
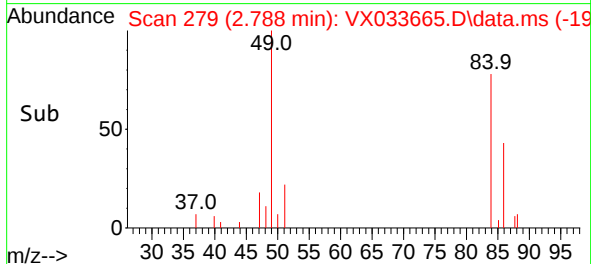
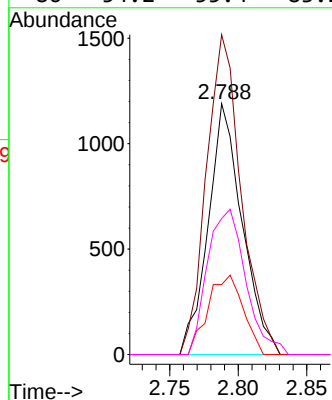


#18
Methylene Chloride
Concen: 1.585 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

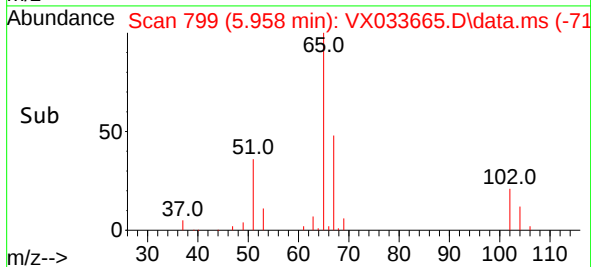
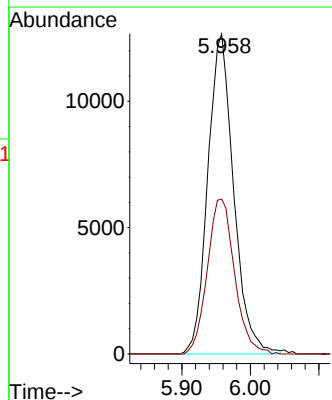
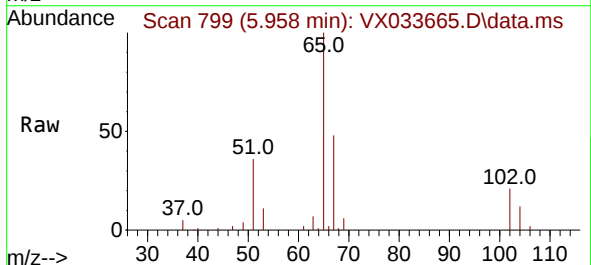


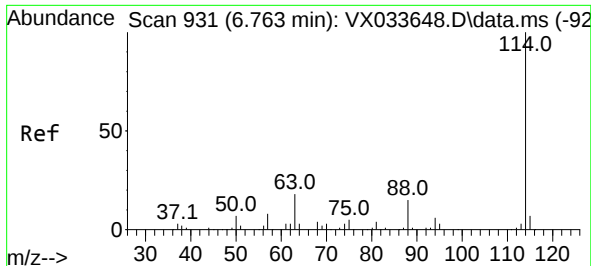
Tgt Ion: 84	Resp: 2060
Ion Ratio	Lower Upper
84 100	
49 127.5	104.1 156.1
51 27.9	29.2 43.8#
86 54.2	55.4 83.2#



#27
1,2-Dichloroethane-d4
Concen: 33.757 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

Tgt Ion: 65	Resp: 33210
Ion Ratio	Lower Upper
65 100	
67 51.0	40.4 60.6

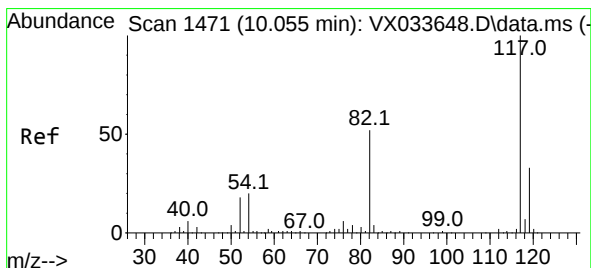
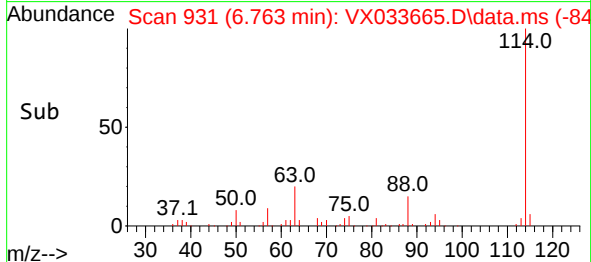
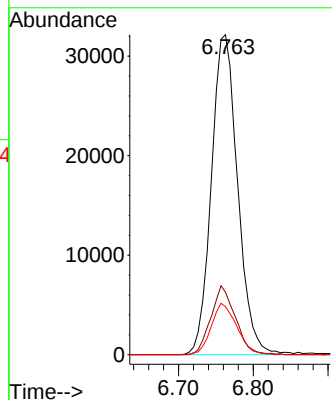
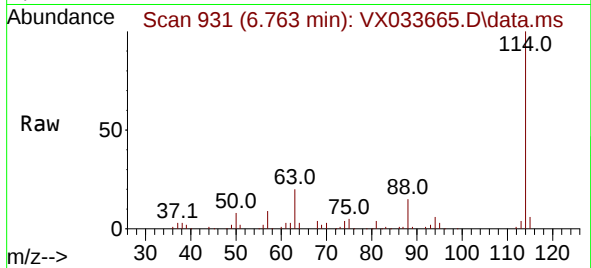




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX033665.D
 Acq: 09 Jan 2023 16:02

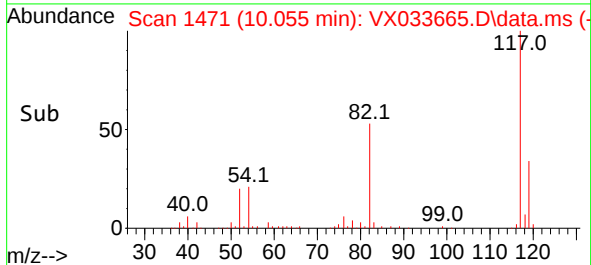
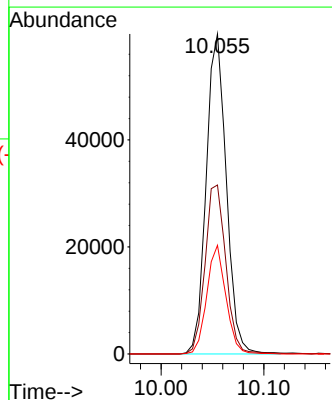
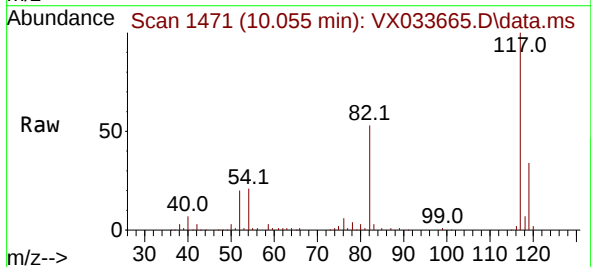
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

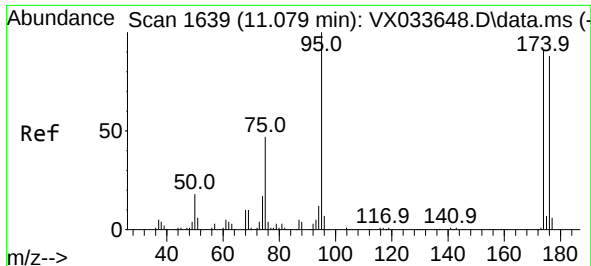
Tgt Ion:114	Resp:	78583
Ion	Ratio	Lower Upper
114	100	
63	20.0	15.5 23.3
88	15.5	12.4 18.6



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. -0.000 min
 Lab File: VX033665.D
 Acq: 09 Jan 2023 16:02

Tgt Ion:117	Resp:	81295
Ion	Ratio	Lower Upper
117	100	
82	54.7	41.9 62.9
119	32.3	25.6 38.4

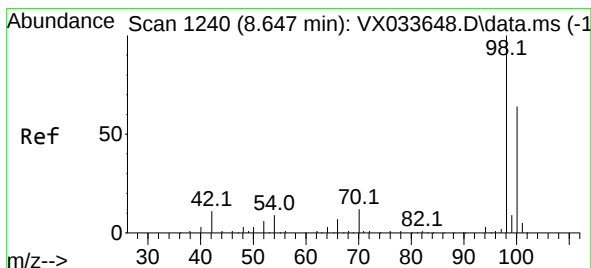
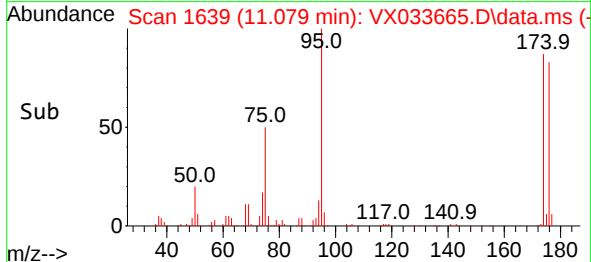
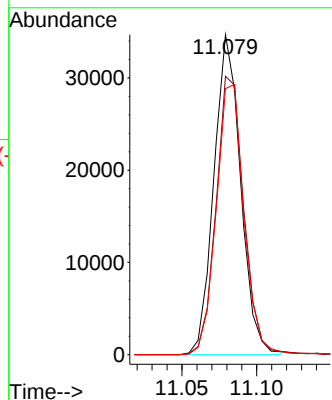
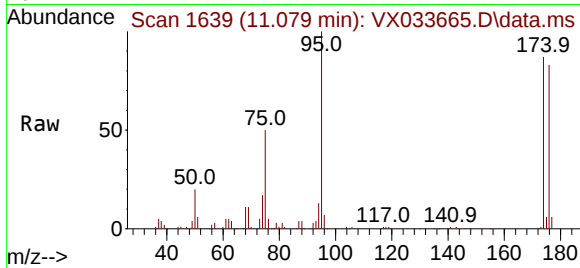




#60
4-Bromofluorobenzene
Concen: 29.353 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 43008
Ion Ratio Lower Upper
95 100
174 90.8 73.7 110.5
176 87.8 71.0 106.4



#63
Toluene-d8
Concen: 30.872 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

Tgt Ion: 98 Resp: 80320
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7

