

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034956.D
 Acq On : 06 Apr 2023 15:21
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 07 03:18:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

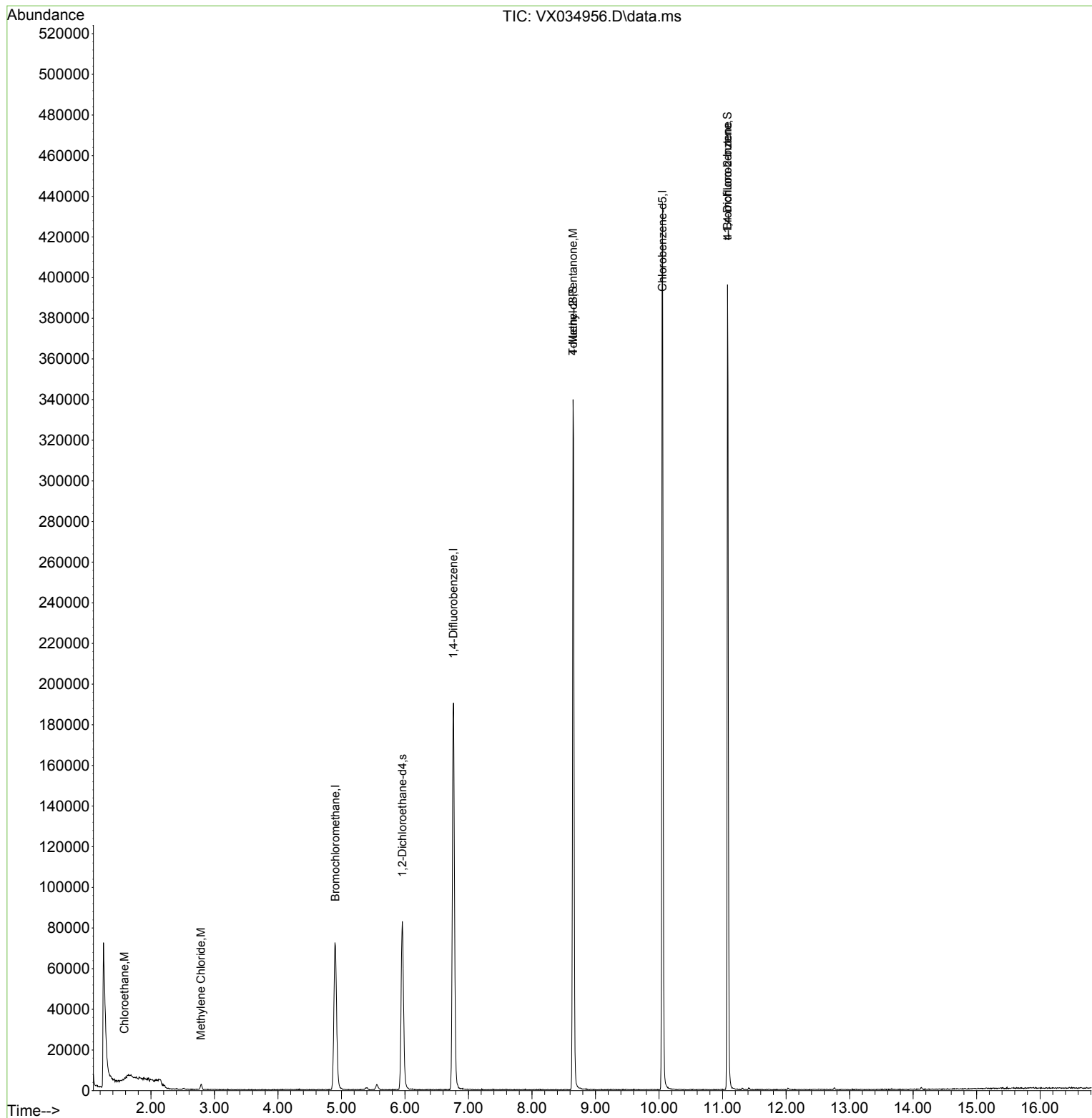
Internal Standards						
1) Bromochloromethane	4.904	128	29889	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	188882	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	194597	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	83798	29.179	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.267%
60) 4-Bromofluorobenzene	11.079	95	110354	28.381	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.600%
63) Toluene-d8	8.647	98	196538	29.720	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.067%
Target Compounds						
					Qvalue	
6) Chloroethane	1.581	64	650	0.275	ug/l #	41
18) Methylene Chloride	2.788	84	1124	0.322	ug/l #	81
58) 4-Methyl-2-Pentanone	8.647	43	1058	0.237	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	58723	46.303	ug/l #	4

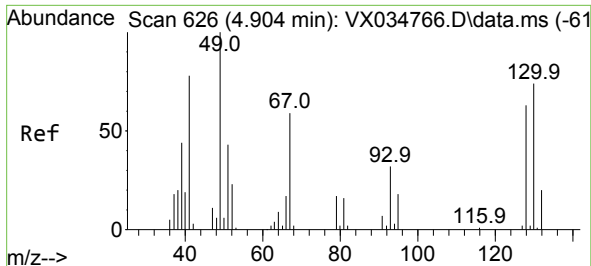
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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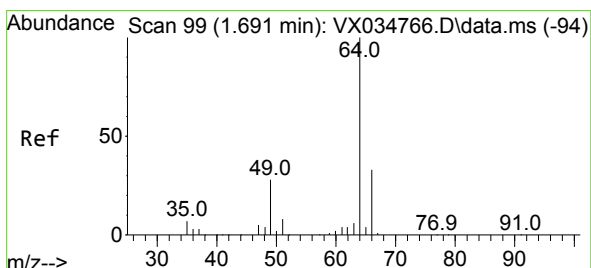
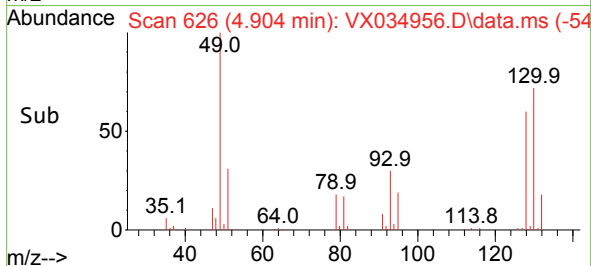
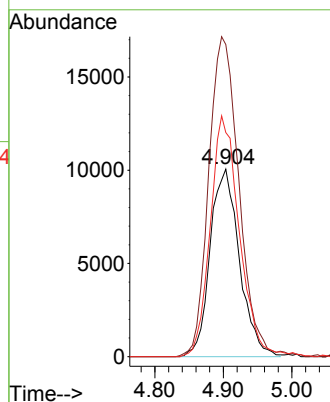
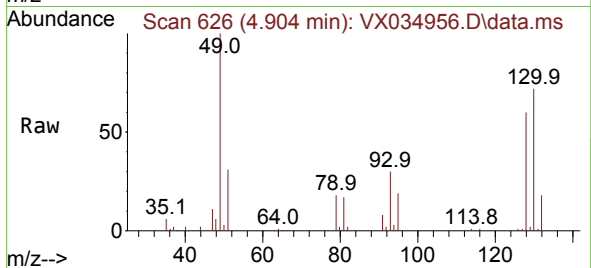




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034956.D
Acq: 06 Apr 2023 15:21

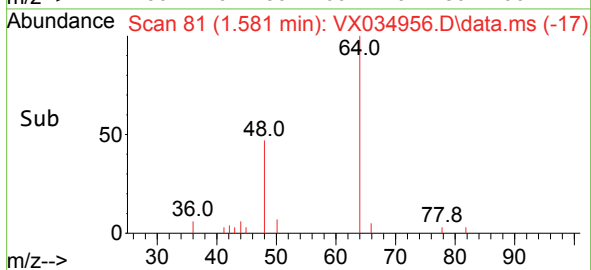
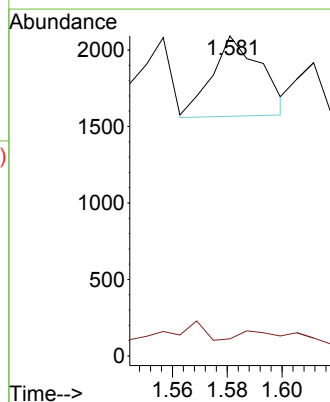
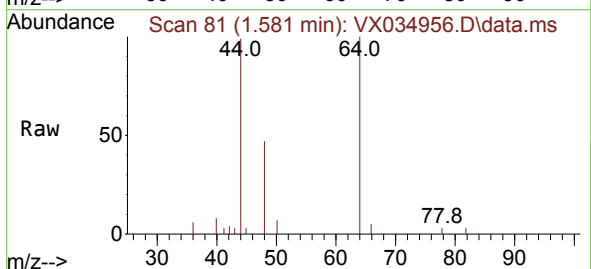
Instrument :
MSVOA_X
ClientSampleId :
IBLK

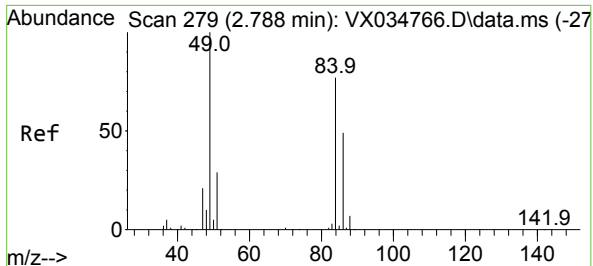
Tgt Ion:128 Resp: 29889
Ion Ratio Lower Upper
128 100
49 174.9 0.0 428.8
130 127.0 0.0 310.8



#6
Chloroethane
Concen: 0.275 ug/l
RT: 1.581 min Scan# 81
Delta R.T. -0.110 min
Lab File: VX034956.D
Acq: 06 Apr 2023 15:21

Tgt Ion: 64 Resp: 650
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#

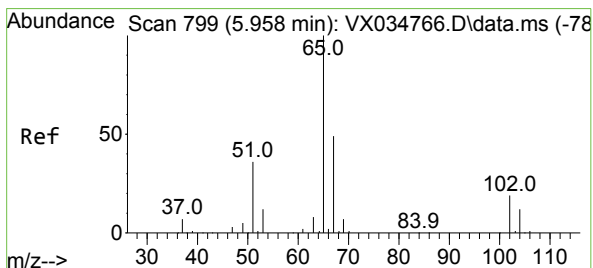
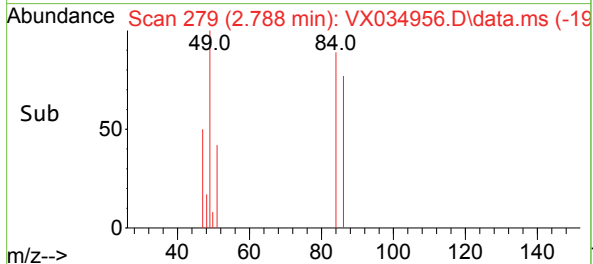
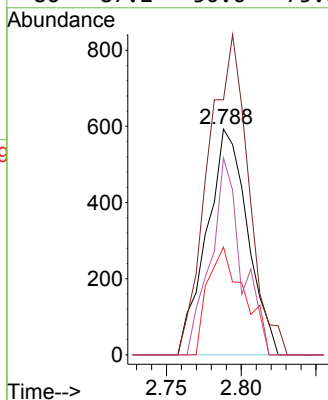
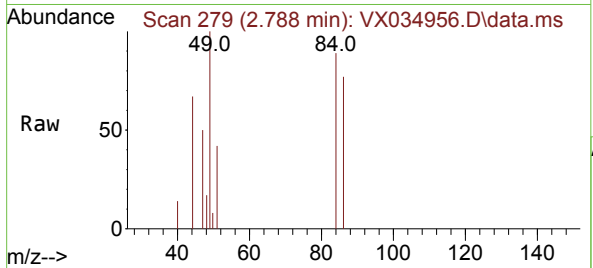




#18
Methylene Chloride
Concen: 0.322 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034956.D
Acq: 06 Apr 2023 15:21

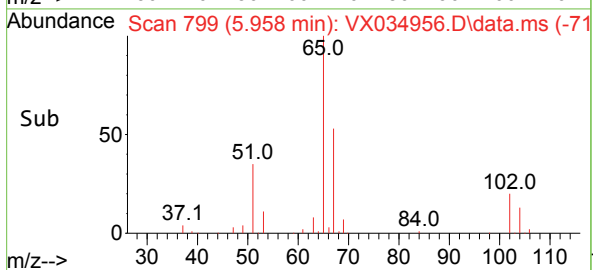
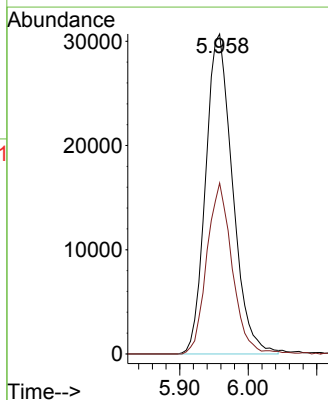
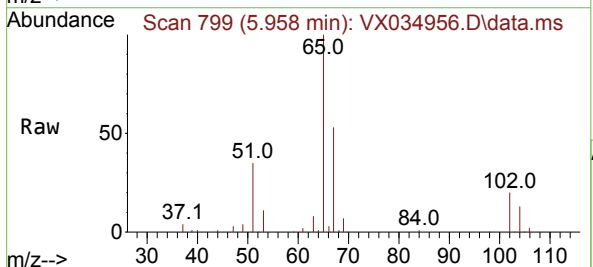
Instrument :
MSVOA_X
ClientSampleId :
IBLK

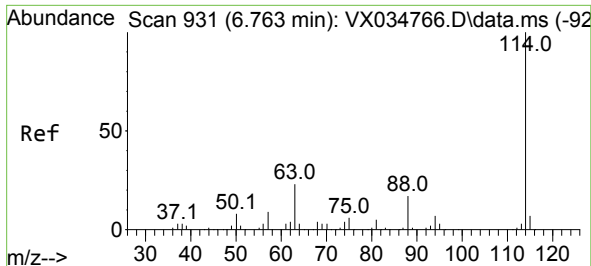
Tgt Ion:	84	Resp:	1124
Ion	Ratio	Lower	Upper
84	100		
49	113.0	103.9	155.9
51	47.7	30.6	45.8#
86	87.2	50.6	75.8#



#27
1,2-Dichloroethane-d4
Concen: 29.179 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX034956.D
Acq: 06 Apr 2023 15:21

Tgt Ion:	65	Resp:	83798
Ion	Ratio	Lower	Upper
65	100		
67	49.7	40.9	61.3

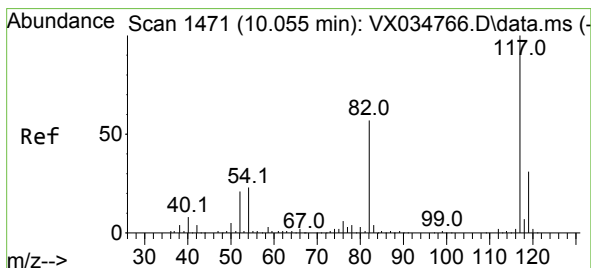
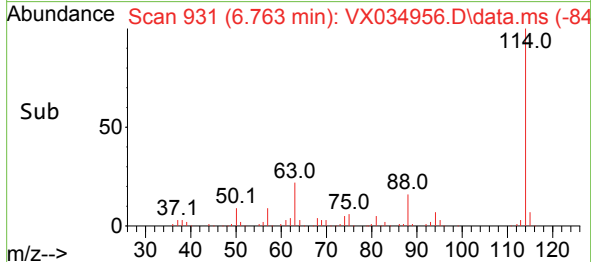
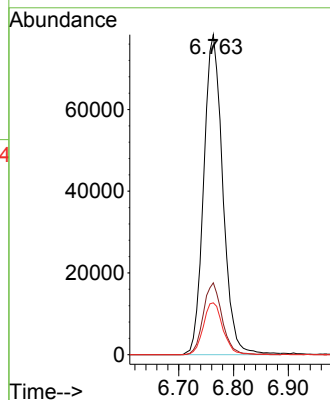
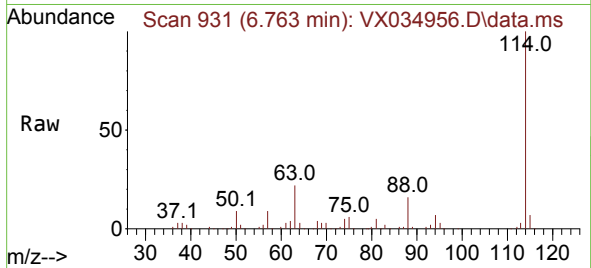




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034956.D
Acq: 06 Apr 2023 15:21

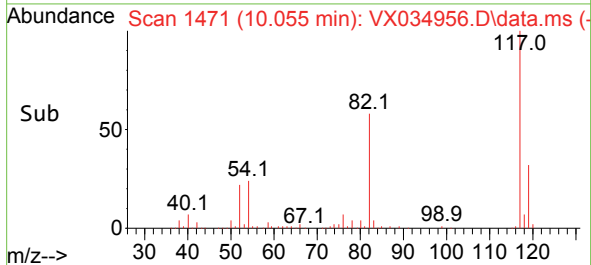
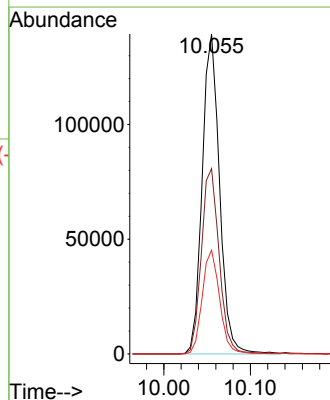
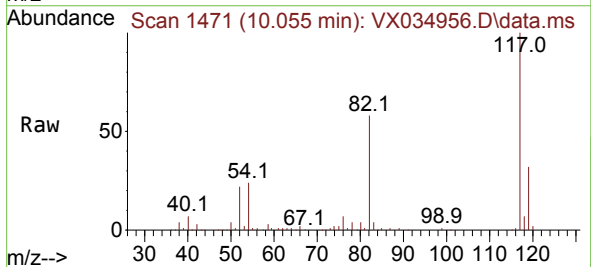
Instrument :
MSVOA_X
ClientSampleId :
IBLK

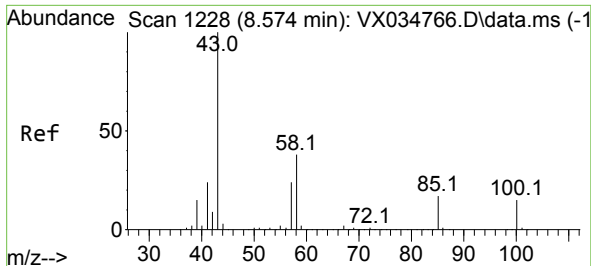
Tgt Ion:114 Resp: 188882
Ion Ratio Lower Upper
114 100
63 22.1 18.0 27.0
88 16.5 13.3 19.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034956.D
Acq: 06 Apr 2023 15:21

Tgt Ion:117 Resp: 194597
Ion Ratio Lower Upper
117 100
82 59.4 45.8 68.8
119 32.4 25.4 38.0

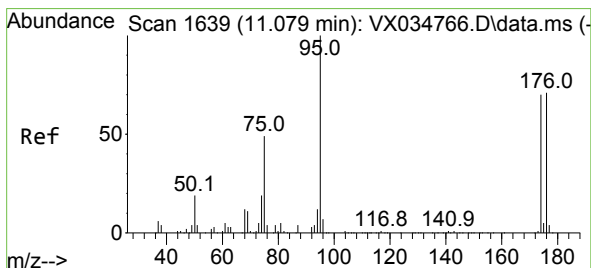
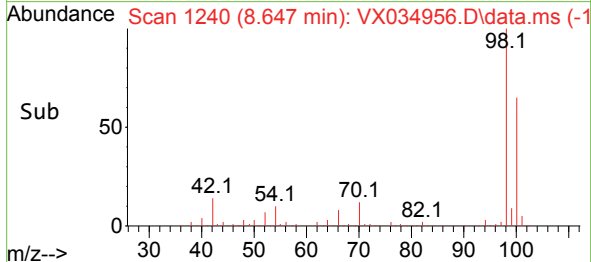
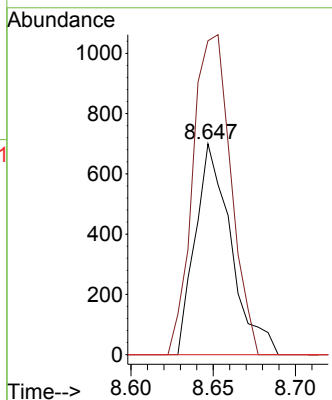
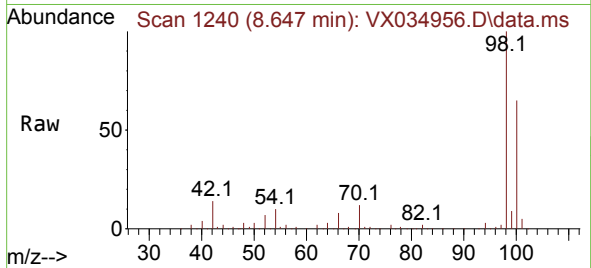




#58
 4-Methyl-2-Pentanone
 Concen: 0.237 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX034956.D
 Acq: 06 Apr 2023 15:21

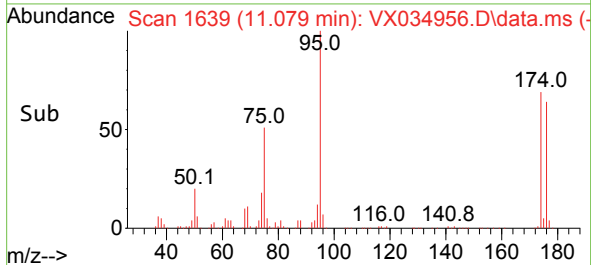
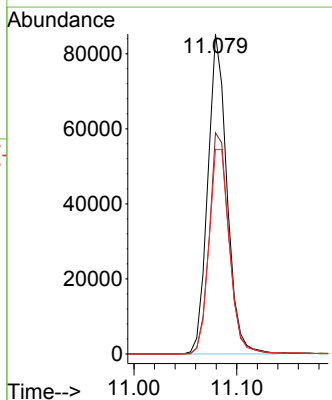
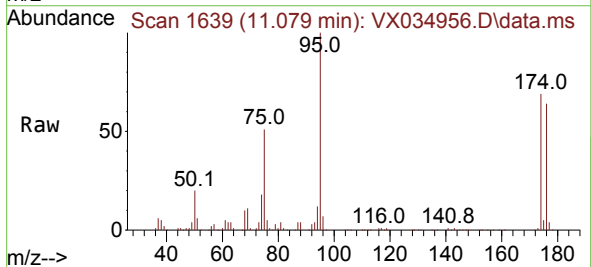
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

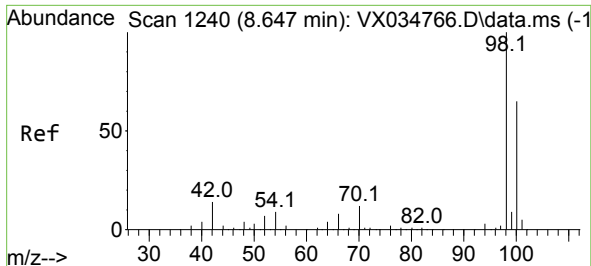
Tgt Ion: 43 Resp: 1058
 Ion Ratio Lower Upper
 43 100
 58 161.6 29.9 44.9#
 85 0.0 13.2 19.8#



#60
 4-Bromofluorobenzene
 Concen: 28.381 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX034956.D
 Acq: 06 Apr 2023 15:21

Tgt Ion: 95 Resp: 110354
 Ion Ratio Lower Upper
 95 100
 174 71.3 0.2 0.4#
 176 68.5 0.2 0.2#

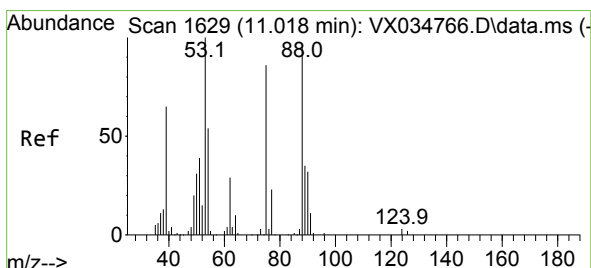
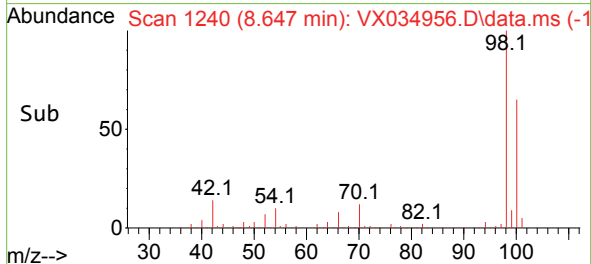
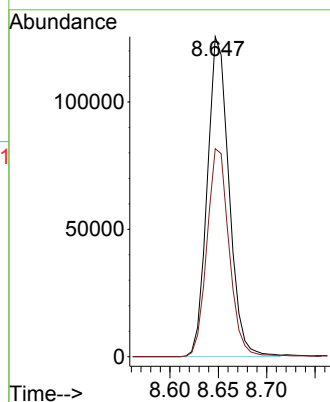
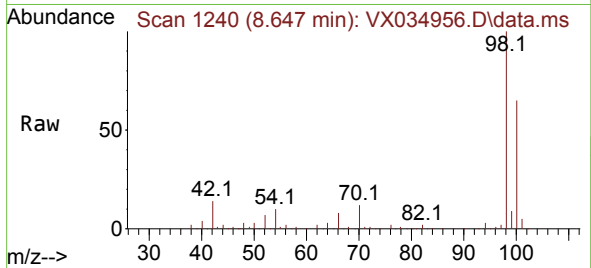




#63
Toluene-d8
Concen: 29.720 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034956.D
Acq: 06 Apr 2023 15:21

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 196538
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1



#77
t-1,4-Dichloro-2-butene
Concen: 46.303 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034956.D
Acq: 06 Apr 2023 15:21

Tgt Ion: 75 Resp: 58723
Ion Ratio Lower Upper
75 100
53 0.0 58.2 174.6#
89 0.0 20.6 61.8#

