

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
 Data File : VX036060.D
 Acq On : 07 Jun 2023 15:03
 Operator : JC/MD
 Sample : 03039-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-34

Quant Time: Jun 08 07:22:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

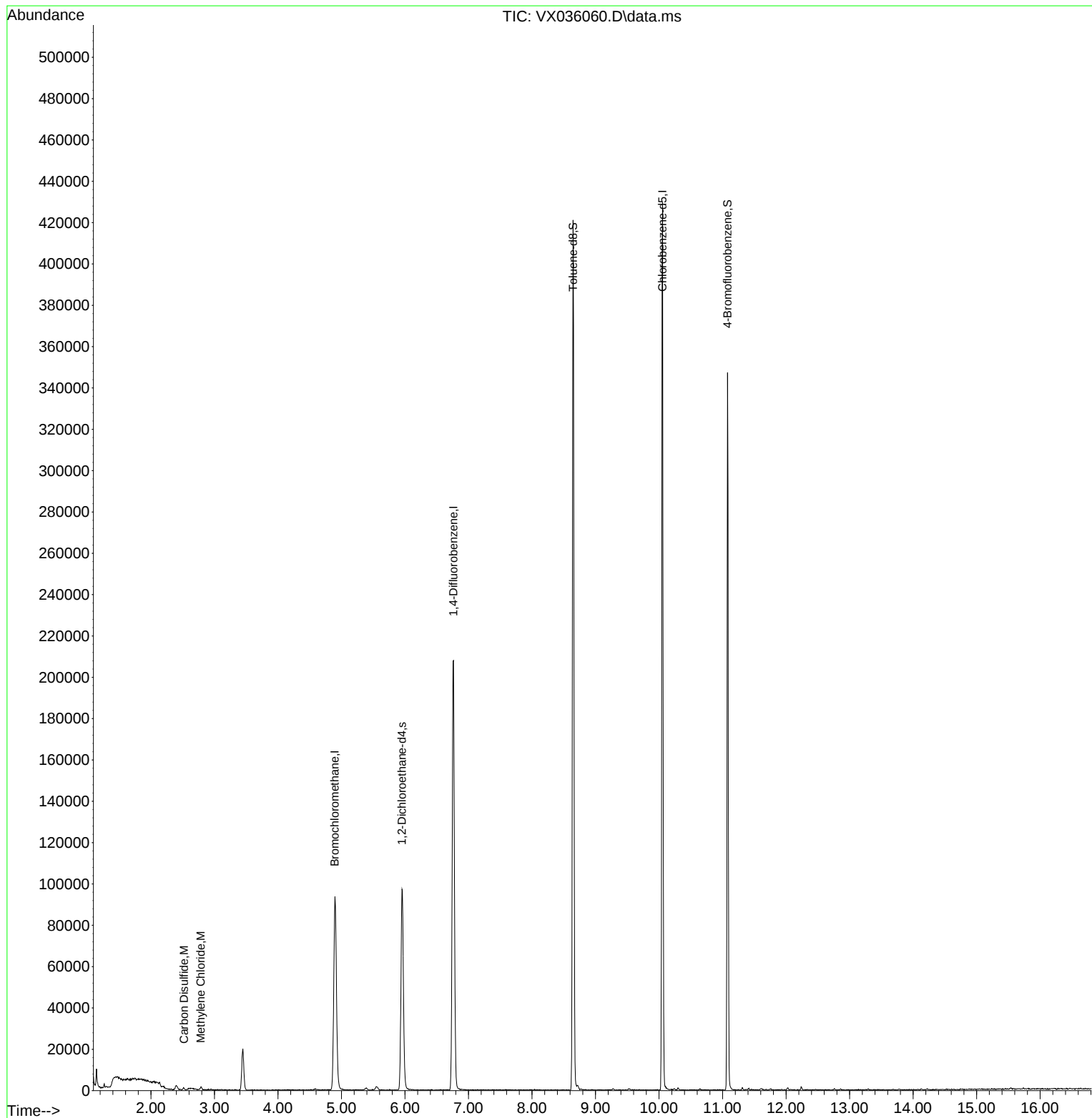
Internal Standards						
1) Bromochloromethane	4.891	128	37845	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	205248	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	185167	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	97492	31.004	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.333%
60) 4-Bromofluorobenzene	11.079	95	94357	30.369	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.233%
63) Toluene-d8	8.647	98	240723	29.407	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.033%
Target Compounds						
					Qvalue	
16) Carbon Disulfide	2.520	76	1160	0.282	ug/l #	76
18) Methylene Chloride	2.782	84	581	0.235	ug/l #	63

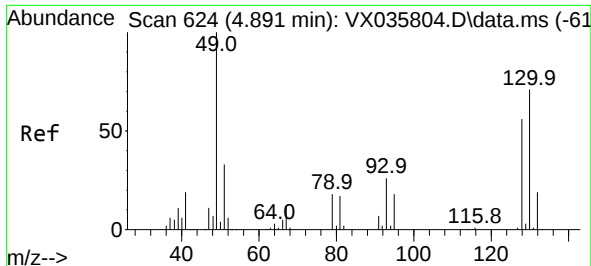
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.891 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX036060.D

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ClientSampleId :

MW-34

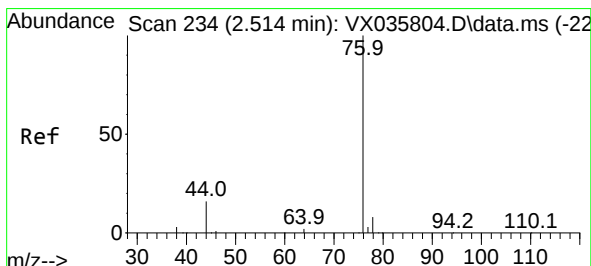
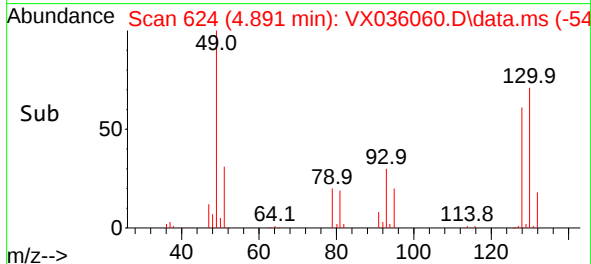
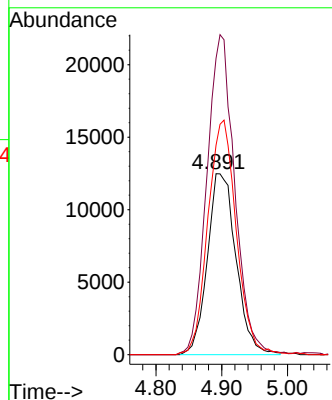
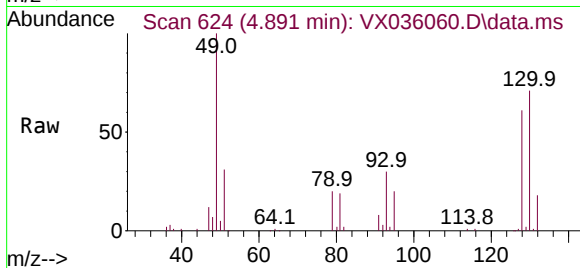
Tgt Ion:128 Resp: 37845

Ion Ratio Lower Upper

128 100

49 171.9 0.0 428.8

130 128.9 0.0 310.8



#16

Carbon Disulfide

Concen: 0.282 ug/l

RT: 2.520 min Scan# 235

Delta R.T. 0.006 min

Lab File: VX036060.D

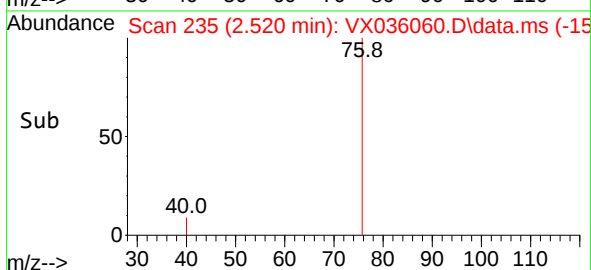
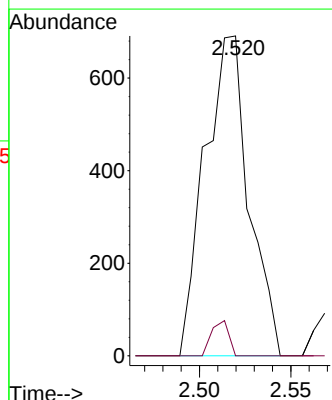
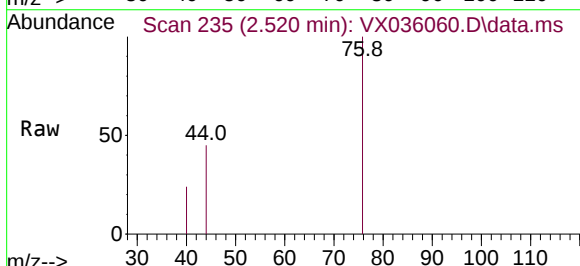
Acq: 07 Jun 2023 15:03

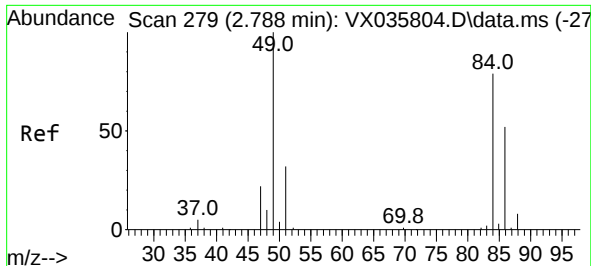
Tgt Ion: 76 Resp: 1160

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#

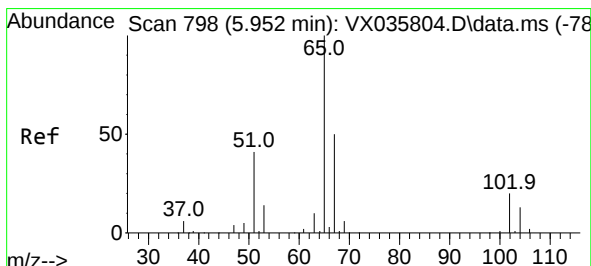
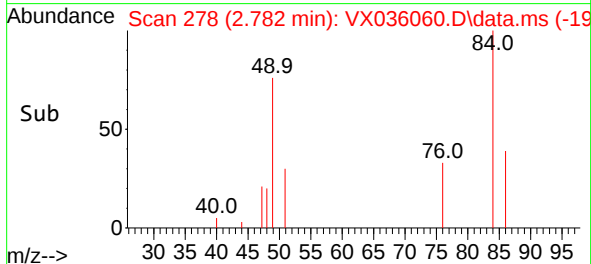
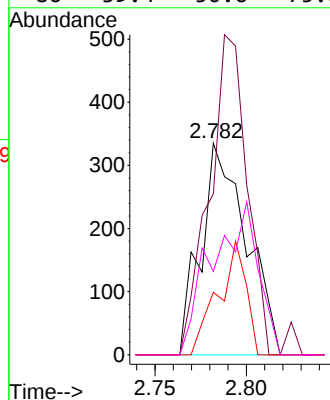
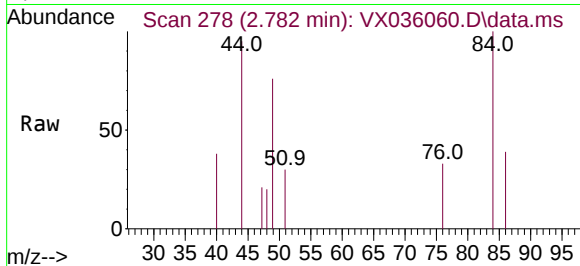




#18
Methylene Chloride
Concen: 0.235 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036060.D
Acq: 07 Jun 2023 15:03

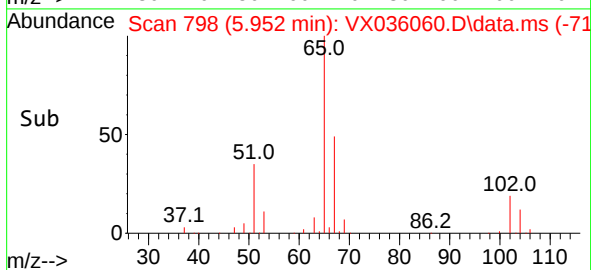
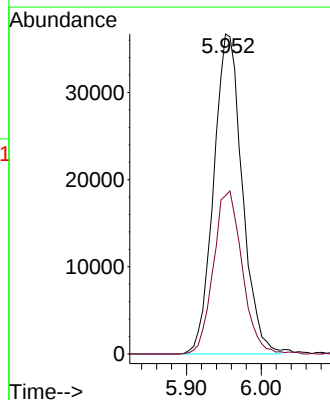
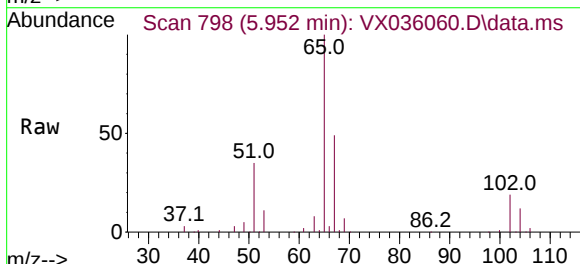
Instrument :
MSVOA_X
ClientSampleId :
MW-34

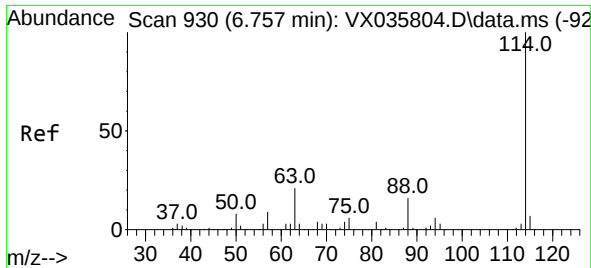
Tgt Ion: 84	Resp: 581
Ion Ratio	Lower Upper
84 100	
49 76.1	103.9 155.9#
51 29.6	30.6 45.8#
86 39.4	50.6 75.8#



#27
1,2-Dichloroethane-d4
Concen: 31.004 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX036060.D
Acq: 07 Jun 2023 15:03

Tgt Ion: 65	Resp: 97492
Ion Ratio	Lower Upper
65 100	
67 51.2	40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX036060.D

Acq: 07 Jun 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

MW-34

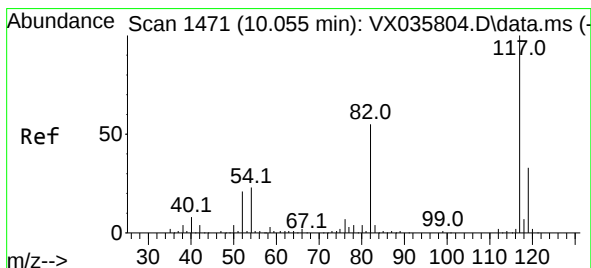
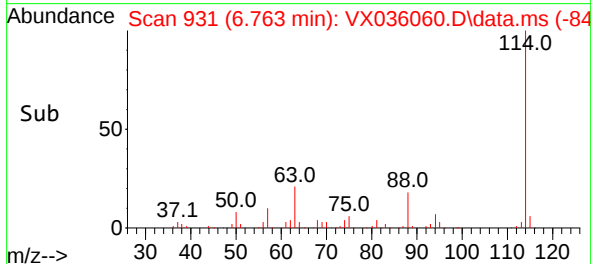
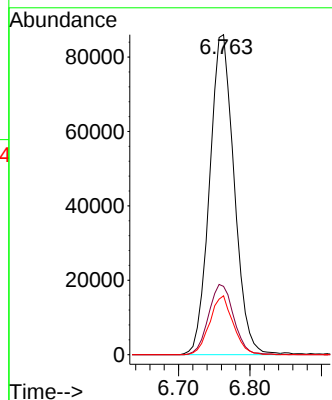
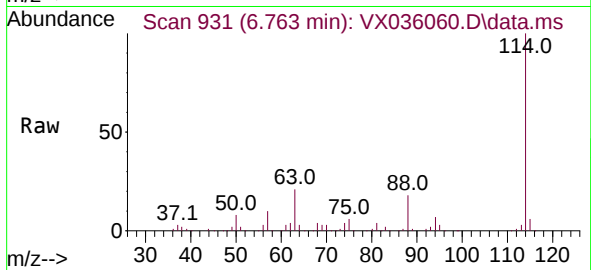
Tgt Ion:114 Resp: 205248

Ion Ratio Lower Upper

114 100

63 22.4 18.0 27.0

88 17.6 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: VX036060.D

Acq: 07 Jun 2023 15:03

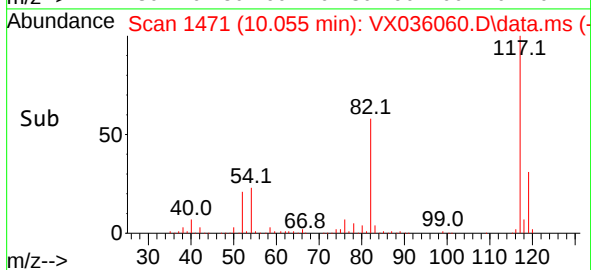
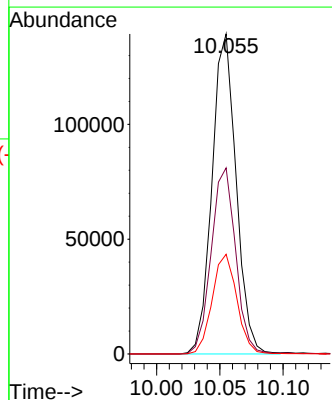
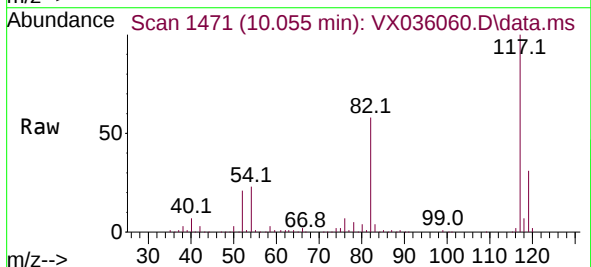
Tgt Ion:117 Resp: 185167

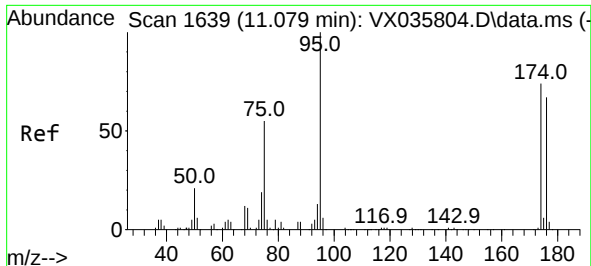
Ion Ratio Lower Upper

117 100

82 58.9 45.8 68.8

119 31.9 25.4 38.0

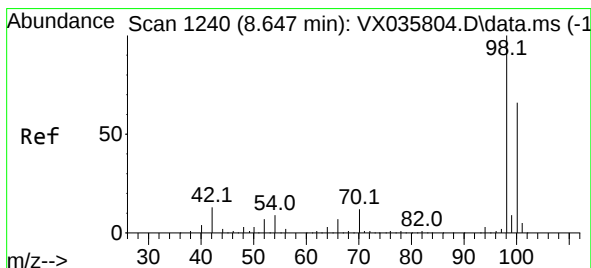
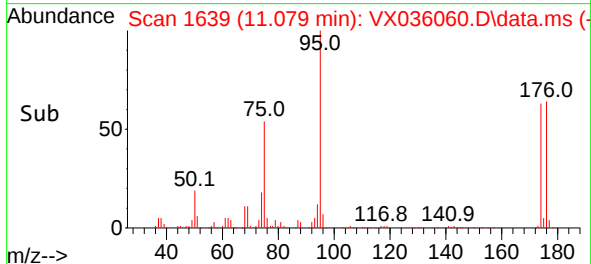
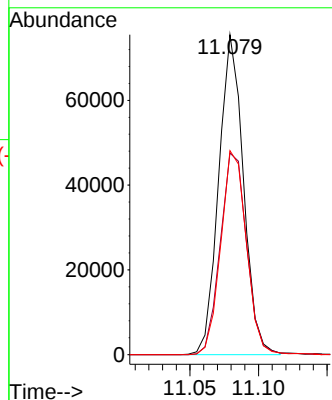
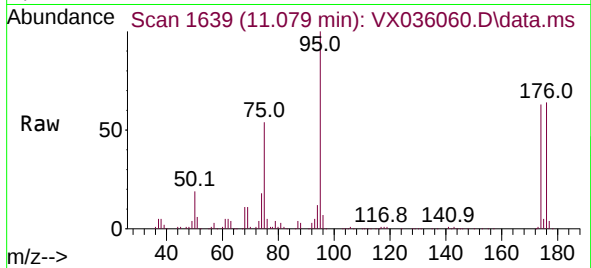




#60
4-Bromofluorobenzene
Concen: 30.369 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036060.D
Acq: 07 Jun 2023 15:03

Instrument :
MSVOA_X
ClientSampleId :
MW-34

Tgt Ion: 95 Resp: 94357
Ion Ratio Lower Upper
95 100
174 67.6 0.2 0.4#
176 66.0 0.2 0.2#



#63
Toluene-d8
Concen: 29.407 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036060.D
Acq: 07 Jun 2023 15:03

Tgt Ion: 98 Resp: 240723
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1

