

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
 Data File : VX036065.D
 Acq On : 07 Jun 2023 16:59
 Operator : JC/MD
 Sample : 03047-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-41

Quant Time: Jun 08 07:23:15 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)

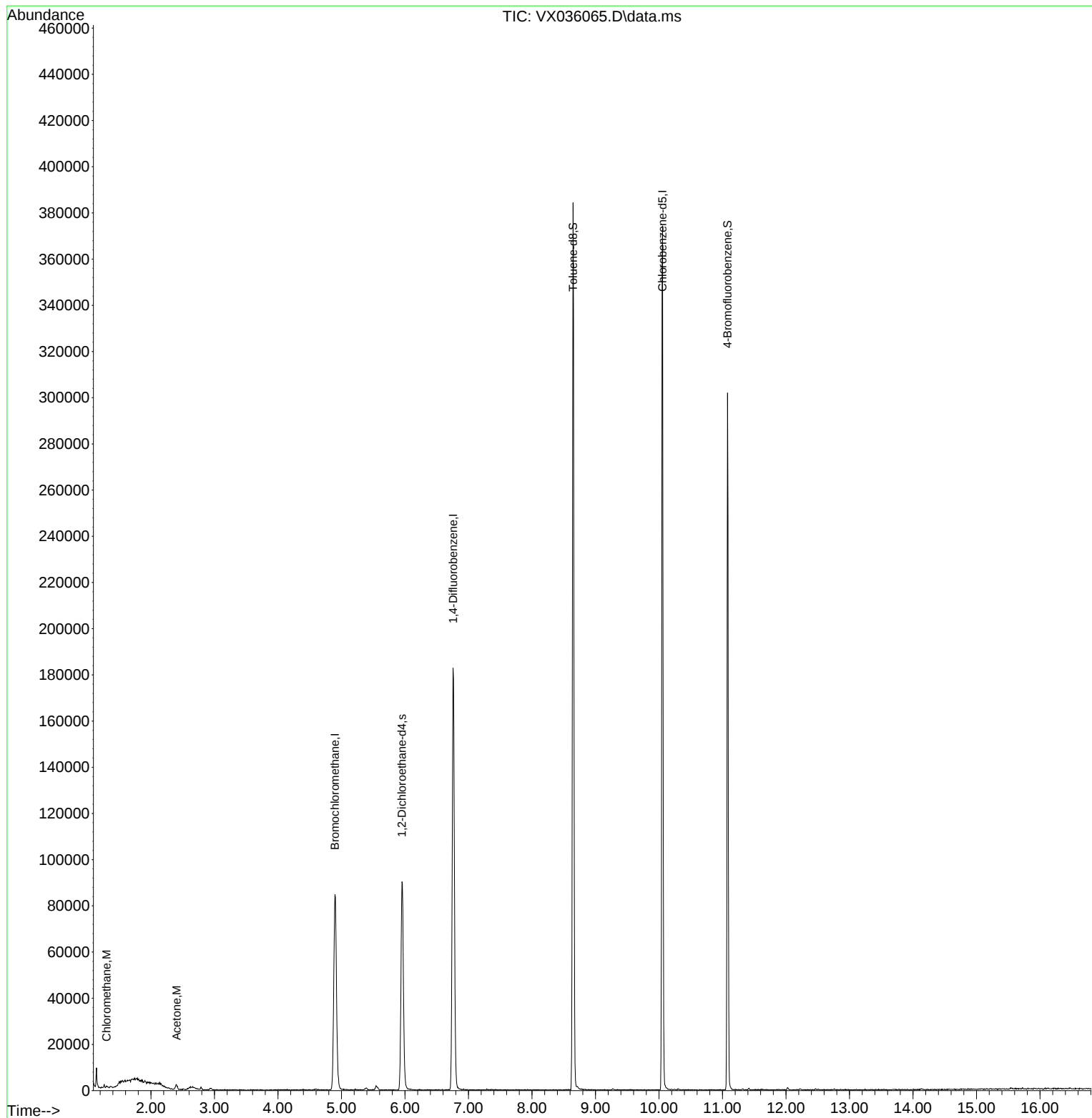
Internal Standards						
1) Bromochloromethane	4.898	128	33472	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	177050	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	166230	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	90958	32.705	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.000%
60) 4-Bromofluorobenzene	11.079	95	80841	28.983	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.600%
63) Toluene-d8	8.647	98	214564	29.197	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.333%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	480	0.229	ug/l #	85
15) Acetone	2.404	58	862	2.425	ug/l #	68

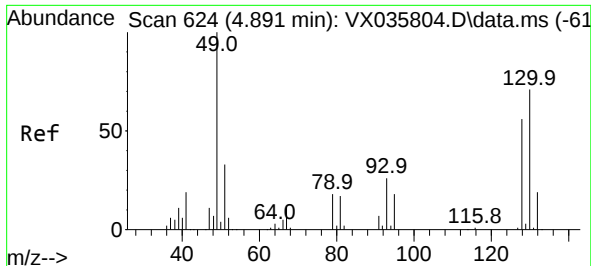
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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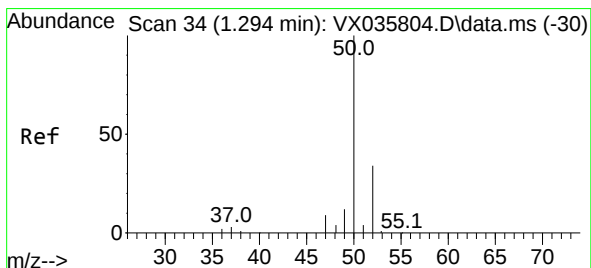
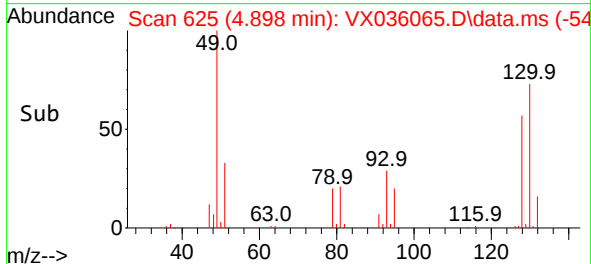
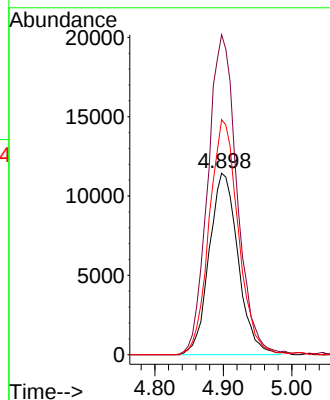
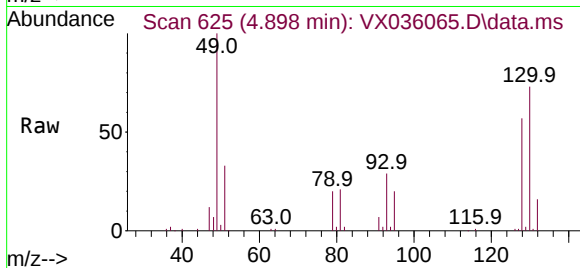




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX036065.D
Acq: 07 Jun 2023 16:59

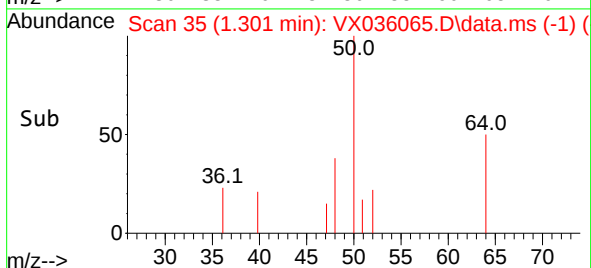
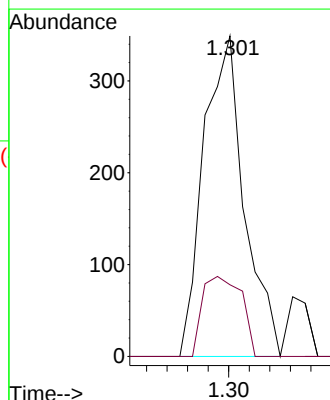
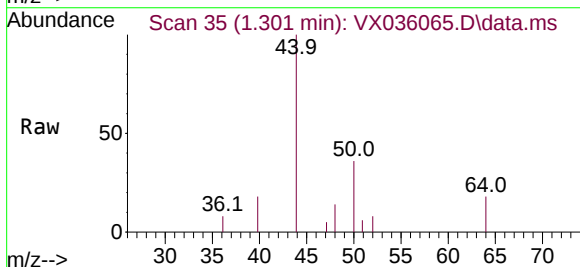
Instrument :
MSVOA_X
ClientSampleId :
MW-41

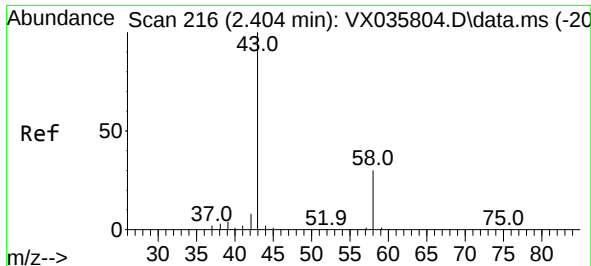
Tgt Ion:128 Resp: 33472
Ion Ratio Lower Upper
128 100
49 178.3 0.0 428.8
130 130.4 0.0 310.8



#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX036065.D
Acq: 07 Jun 2023 16:59

Tgt Ion: 50 Resp: 480
Ion Ratio Lower Upper
50 100
52 22.3 24.6 36.8#

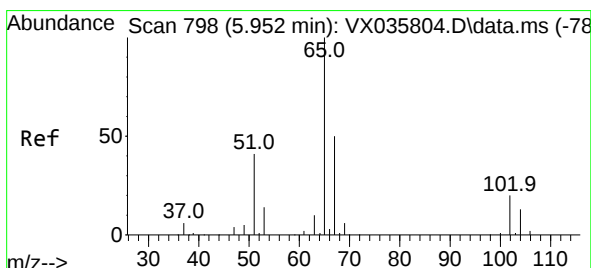
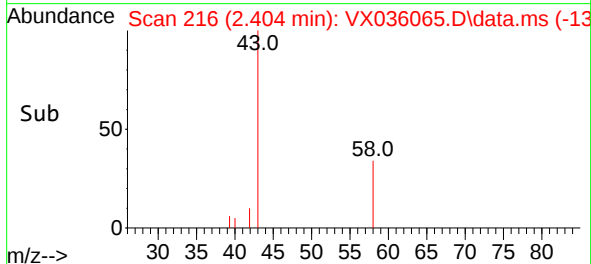
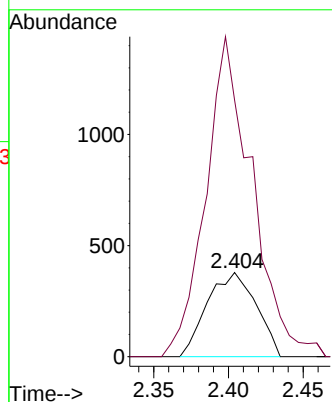
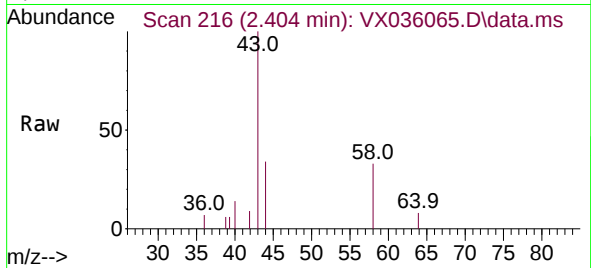




#15
Acetone
Concen: 2.425 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX036065.D
Acq: 07 Jun 2023 16:59

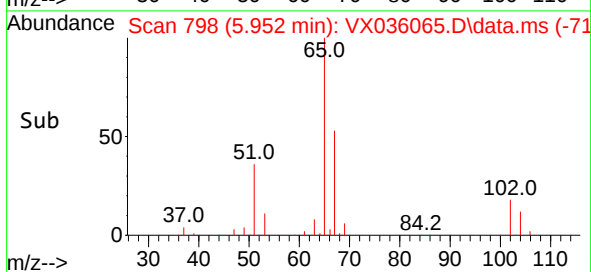
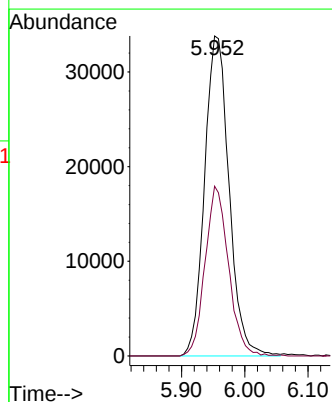
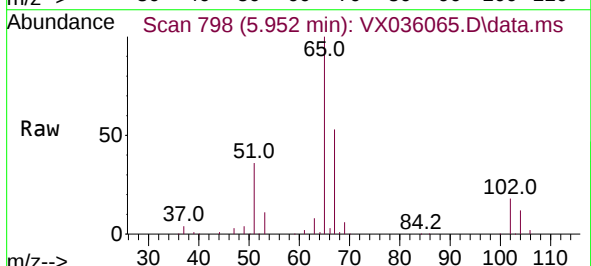
Instrument :
MSVOA_X
ClientSampleId :
MW-41

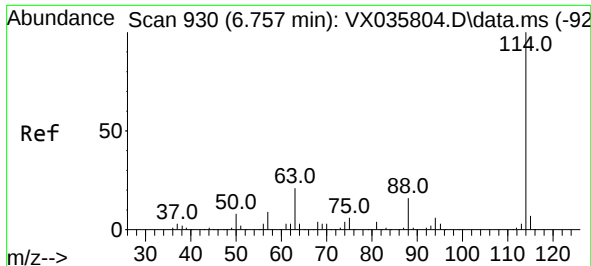
Tgt Ion: 58 Resp: 862
Ion Ratio Lower Upper
58 100
43 270.4 270.8 406.2#



#27
1,2-Dichloroethane-d4
Concen: 32.705 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036065.D
Acq: 07 Jun 2023 16:59

Tgt Ion: 65 Resp: 90958
Ion Ratio Lower Upper
65 100
67 50.6 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX036065.D

Acq: 07 Jun 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

MW-41

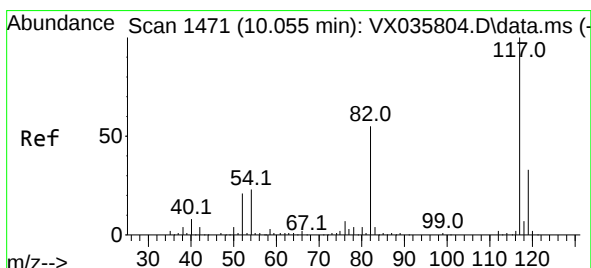
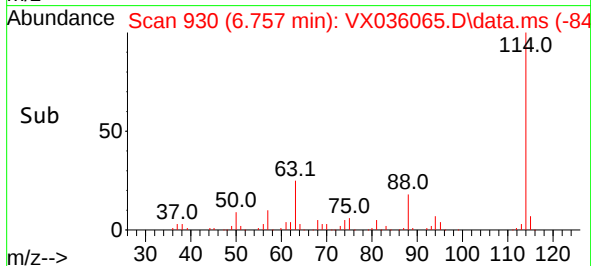
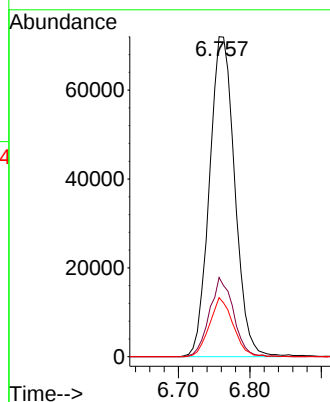
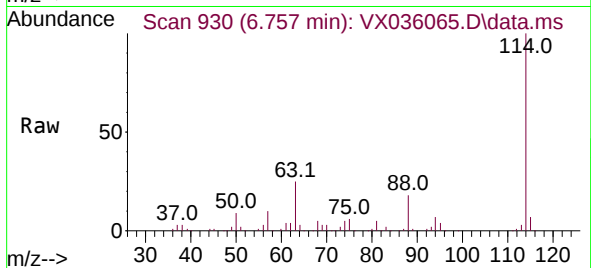
Tgt Ion:114 Resp: 177050

Ion Ratio Lower Upper

114 100

63 23.4 18.0 27.0

88 17.2 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: VX036065.D

Acq: 07 Jun 2023 16:59

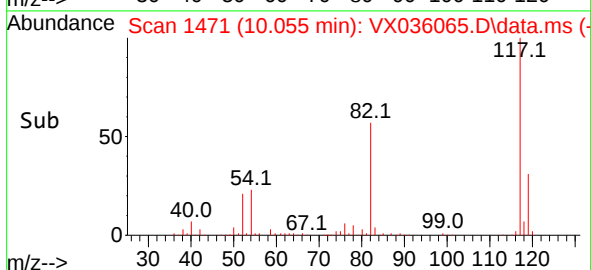
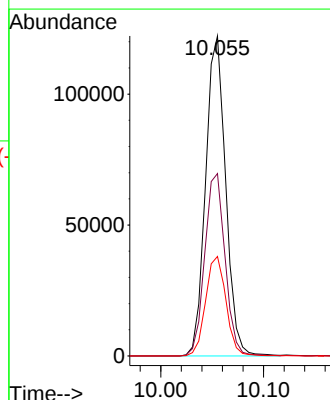
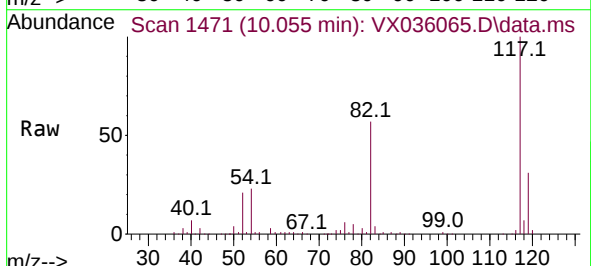
Tgt Ion:117 Resp: 166230

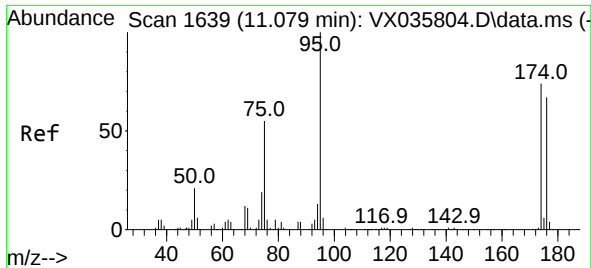
Ion Ratio Lower Upper

117 100

82 57.8 45.8 68.8

119 31.7 25.4 38.0

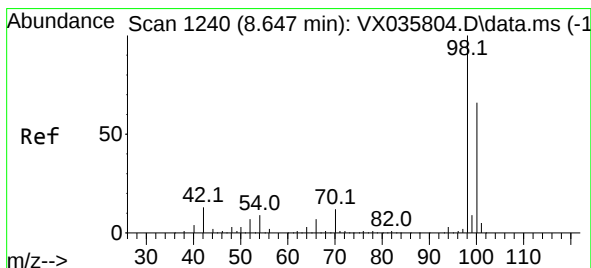
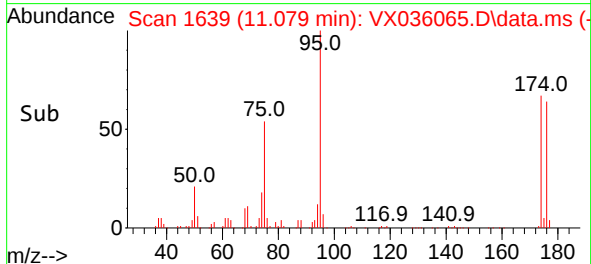
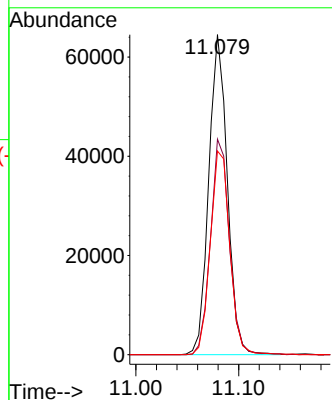
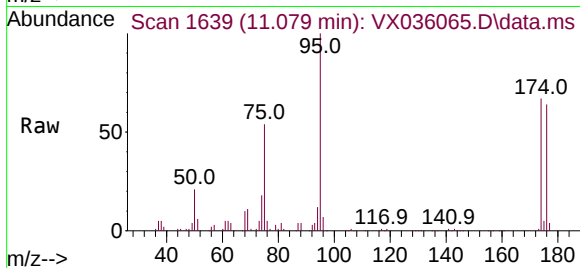




#60
4-Bromofluorobenzene
Concen: 28.983 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036065.D
Acq: 07 Jun 2023 16:59

Instrument :
MSVOA_X
ClientSampleId :
MW-41

Tgt Ion: 95 Resp: 80841
Ion Ratio Lower Upper
95 100
174 68.7 0.2 0.4#
176 66.9 0.2 0.2#



#63
Toluene-d8
Concen: 29.197 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036065.D
Acq: 07 Jun 2023 16:59

Tgt Ion: 98 Resp: 214564
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1

