

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061523\
 Data File : VX036173.D
 Acq On : 15 Jun 2023 16:39
 Operator : JC/MD
 Sample : 03251-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

Quant Time: Jun 16 07:57:06 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)

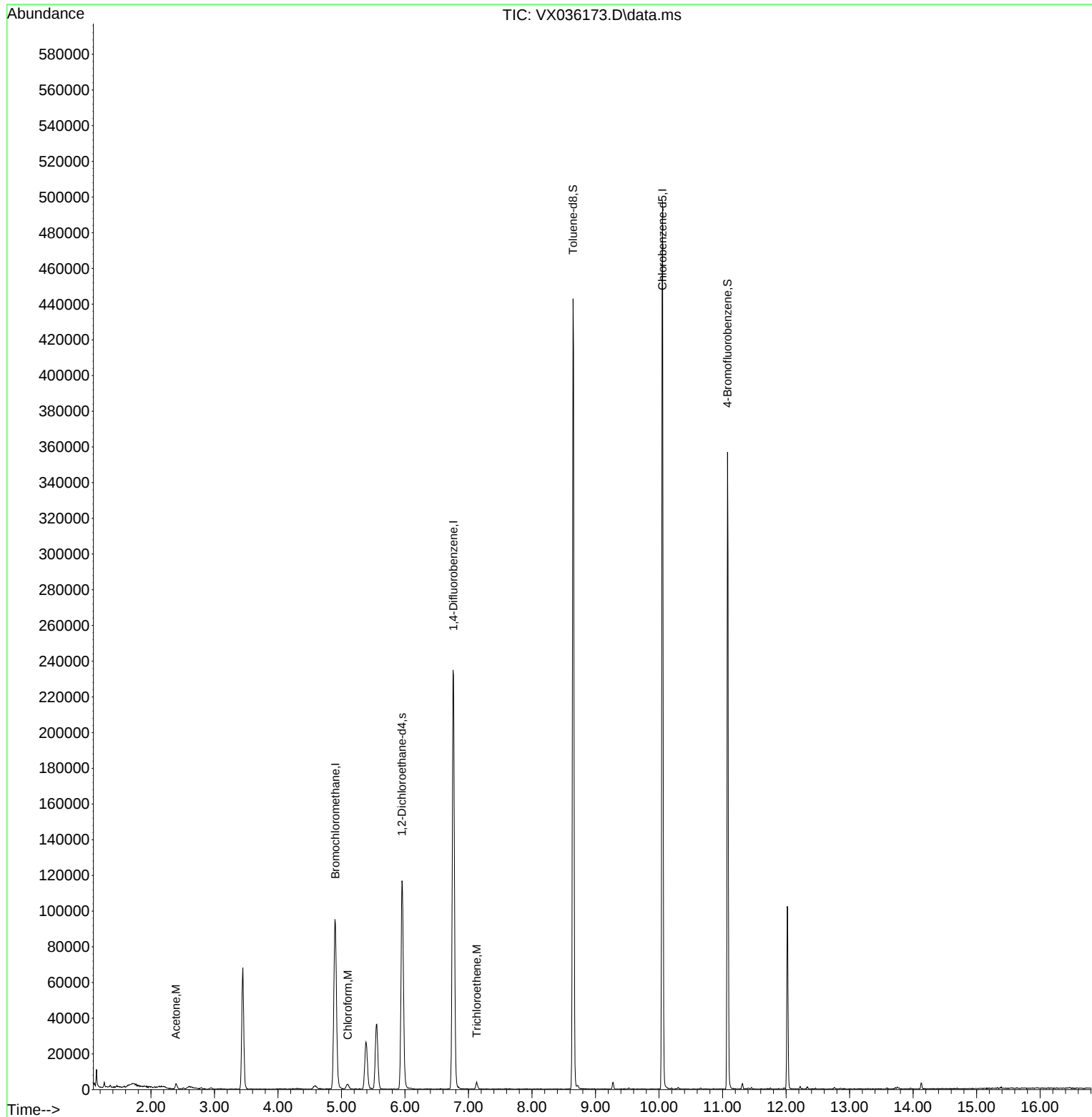
Internal Standards						
1) Bromochloromethane	4.904	128	36570	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	221704	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	205679	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	118563	39.019	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	130.067%#
60) 4-Bromofluorobenzene	11.079	95	93721	27.156	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.533%
63) Toluene-d8	8.647	98	249500	27.440	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	91.467%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	1098	2.827	ug/l #	49
25) Chloroform	5.099	83	3267	0.761	ug/l #	83
37) Trichloroethene	7.129	130	1267	0.518	ug/l	96

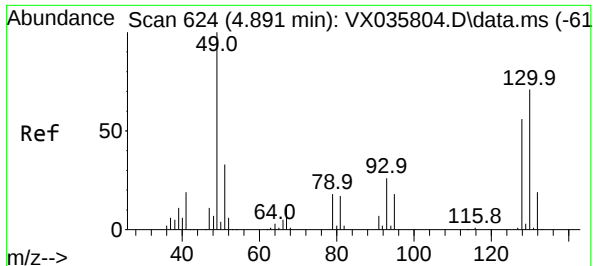
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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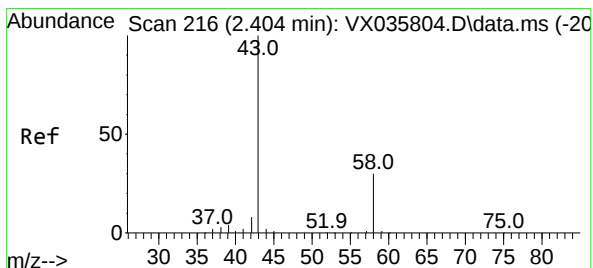
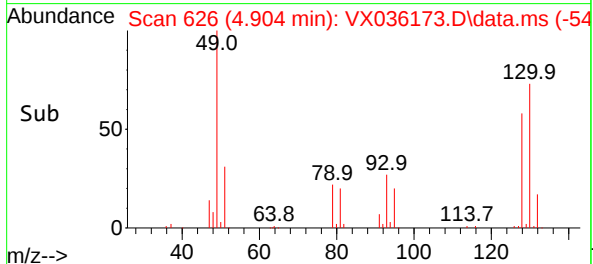
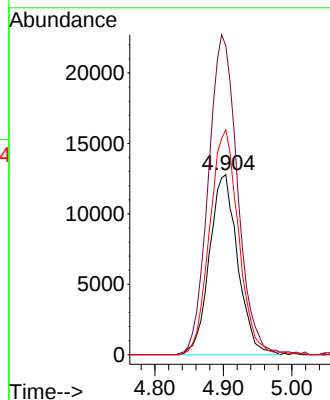
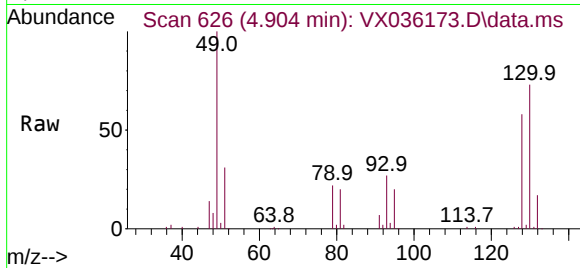




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX036173.D
Acq: 15 Jun 2023 16:39

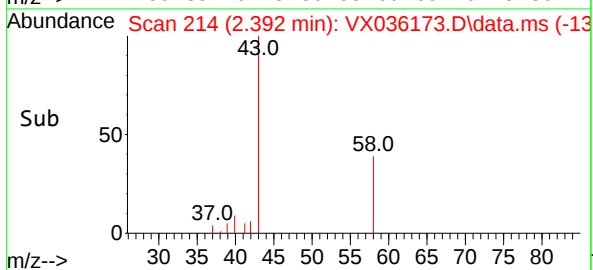
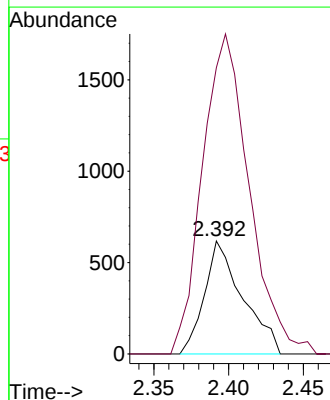
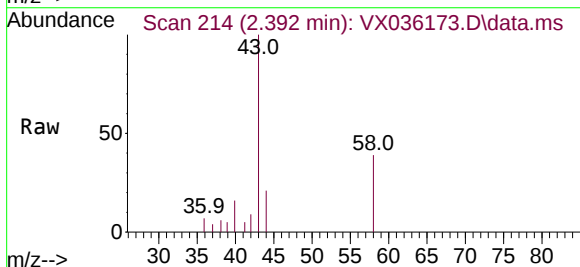
Instrument :
MSVOA_X
ClientSampleId :
MW-01

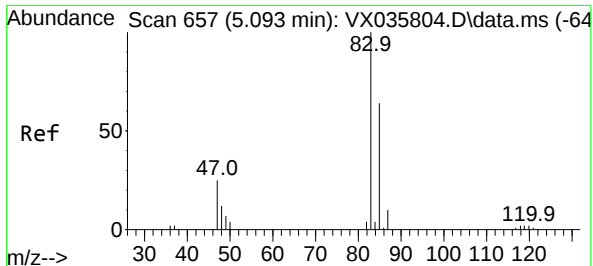
Tgt Ion:128 Resp: 36570
Ion Ratio Lower Upper
128 100
49 183.7 0.0 428.8
130 127.3 0.0 310.8



#15
Acetone
Concen: 2.827 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036173.D
Acq: 15 Jun 2023 16:39

Tgt Ion: 58 Resp: 1098
Ion Ratio Lower Upper
58 100
43 229.8 270.8 406.2#





#25

Chloroform

Concen: 0.761 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX036173.D

Acq: 15 Jun 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

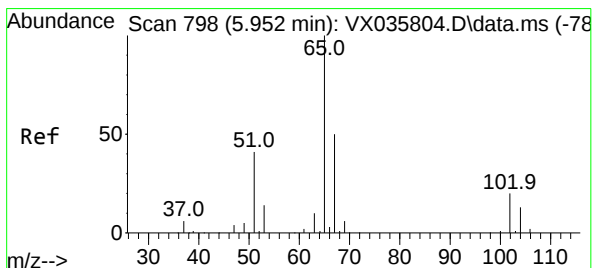
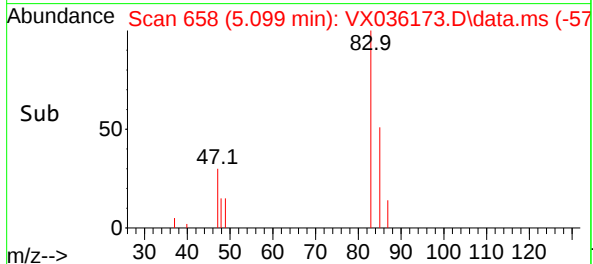
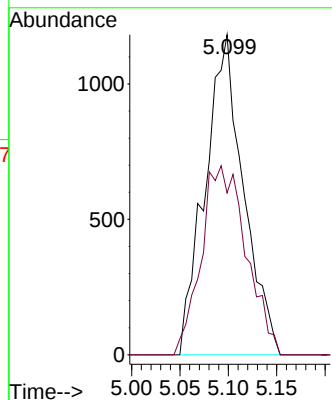
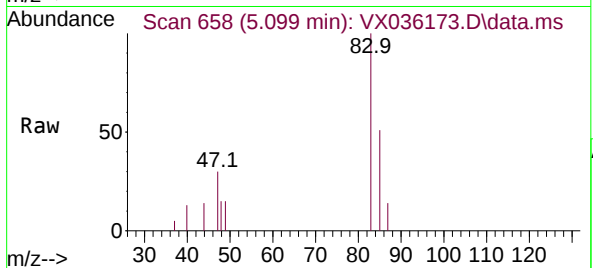
MW-01

Tgt Ion: 83 Resp: 3267

Ion Ratio Lower Upper

83 100

85 50.6 51.2 76.8#



#27

1,2-Dichloroethane-d4

Concen: 39.019 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036173.D

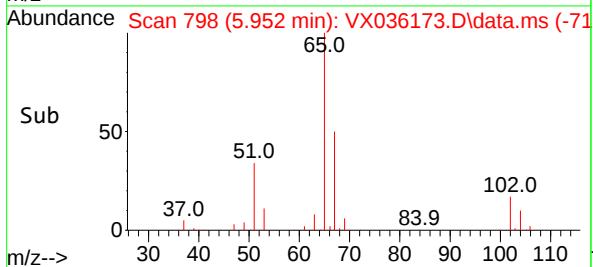
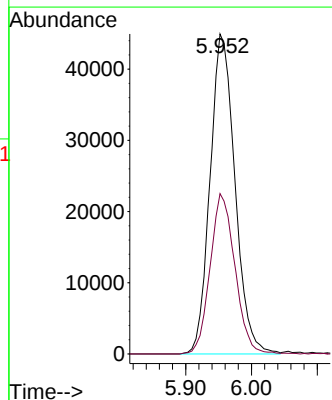
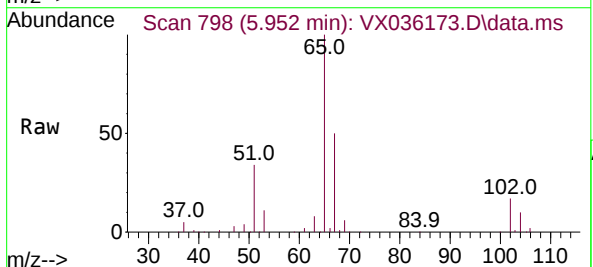
Acq: 15 Jun 2023 16:39

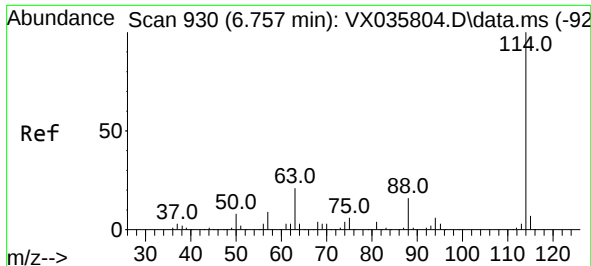
Tgt Ion: 65 Resp: 118563

Ion Ratio Lower Upper

65 100

67 49.8 40.9 61.3

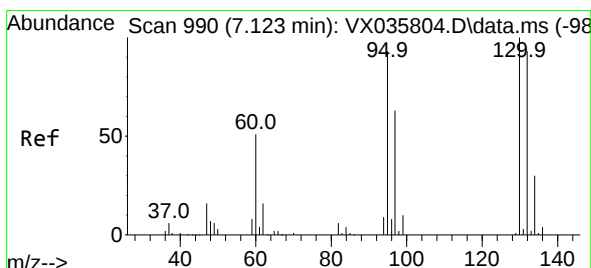
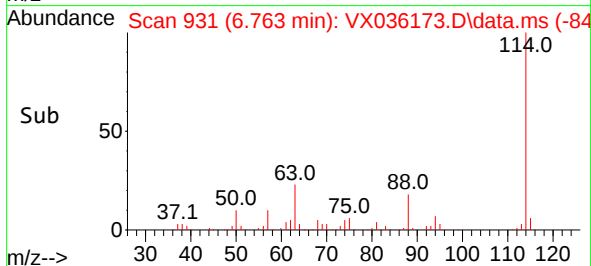
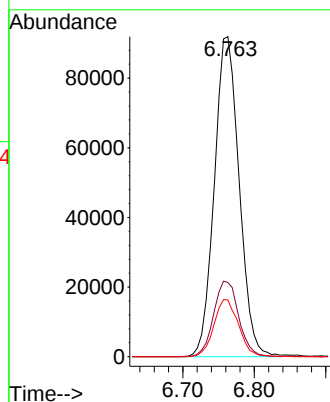
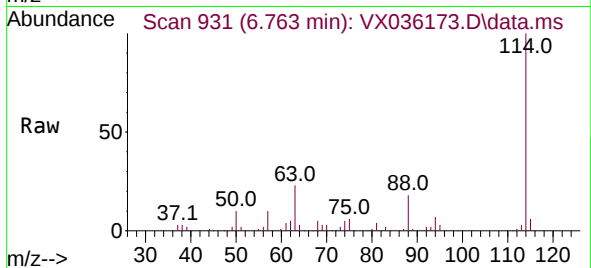




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX036173.D
Acq: 15 Jun 2023 16:39

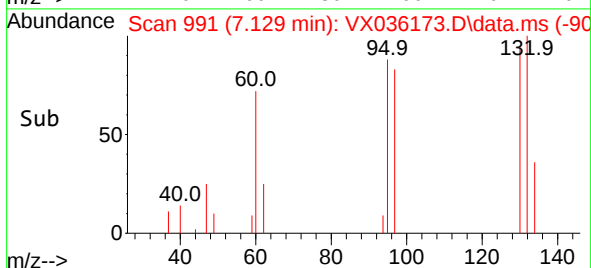
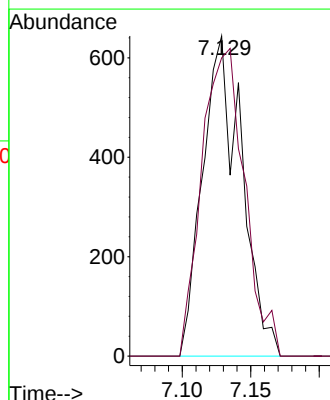
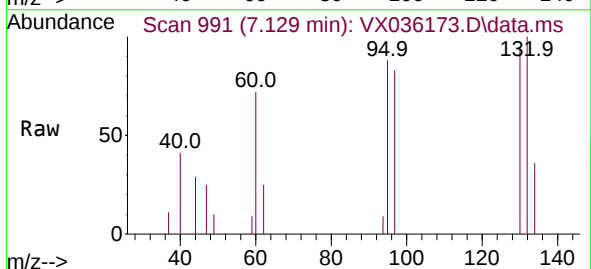
Instrument :
MSVOA_X
ClientSampleId :
MW-01

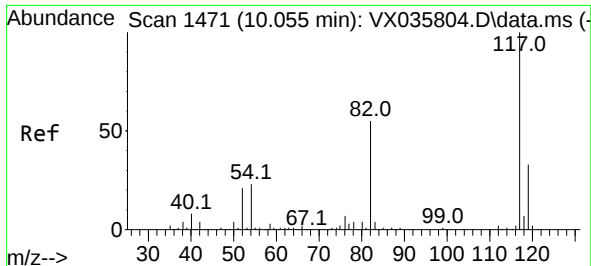
Tgt Ion:114 Resp: 221704
Ion Ratio Lower Upper
114 100
63 23.9 18.0 27.0
88 17.7 13.3 19.9



#37
Trichloroethene
Concen: 0.518 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036173.D
Acq: 15 Jun 2023 16:39

Tgt Ion:130 Resp: 1267
Ion Ratio Lower Upper
130 100
95 93.2 77.8 116.6

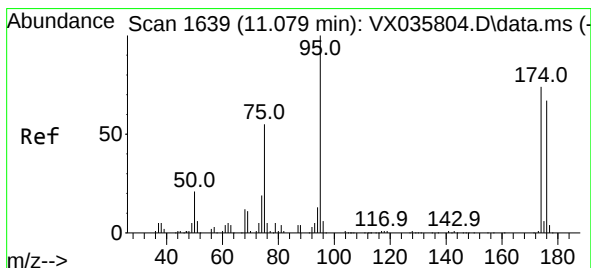
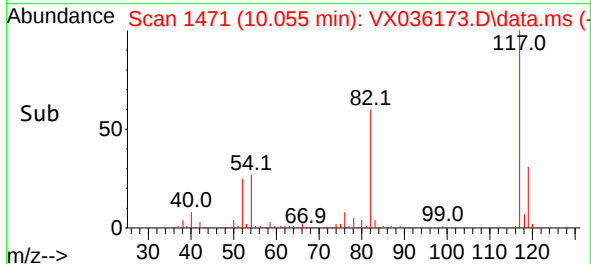
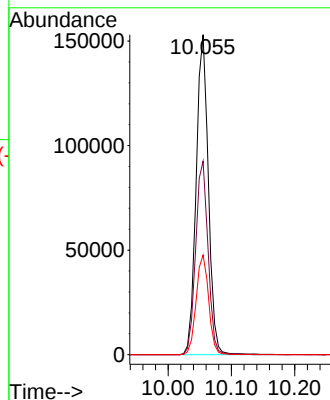
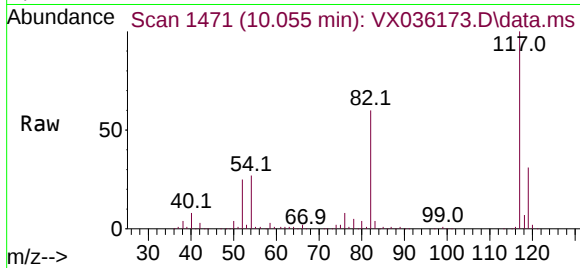




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036173.D
Acq: 15 Jun 2023 16:39

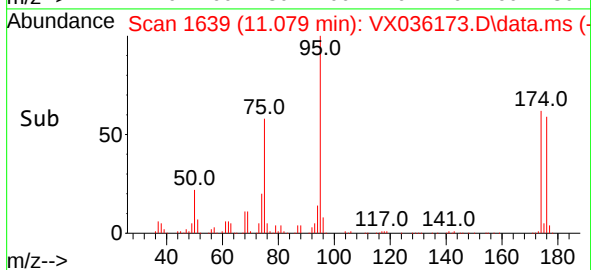
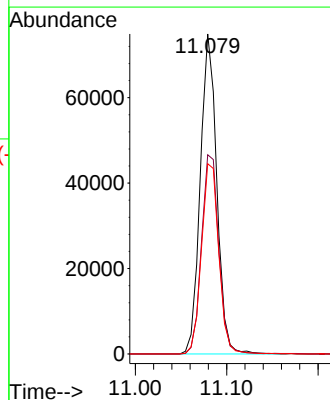
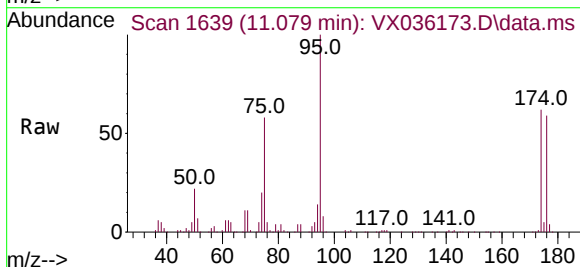
Instrument :
MSVOA_X
ClientSampleId :
MW-01

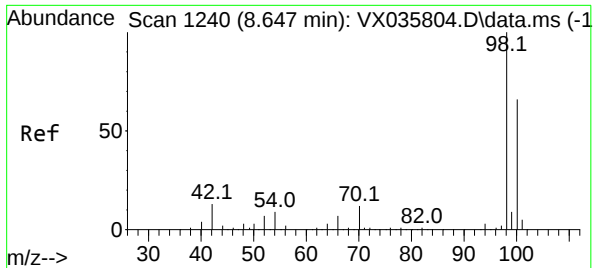
Tgt Ion:117 Resp: 205679
Ion Ratio Lower Upper
117 100
82 61.3 45.8 68.8
119 31.8 25.4 38.0



#60
4-Bromofluorobenzene
Concen: 27.156 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036173.D
Acq: 15 Jun 2023 16:39

Tgt Ion: 95 Resp: 93721
Ion Ratio Lower Upper
95 100
174 65.3 0.2 0.4#
176 62.3 0.2 0.2#





#63
Toluene-d8
Concen: 27.440 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036173.D
Acq: 15 Jun 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tgt Ion: 98 Resp: 249500
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1

