

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
 Data File : VX036063.D
 Acq On : 07 Jun 2023 16:12
 Operator : JC/MD
 Sample : 03047-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-07

Quant Time: Jun 08 07:22:56 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)

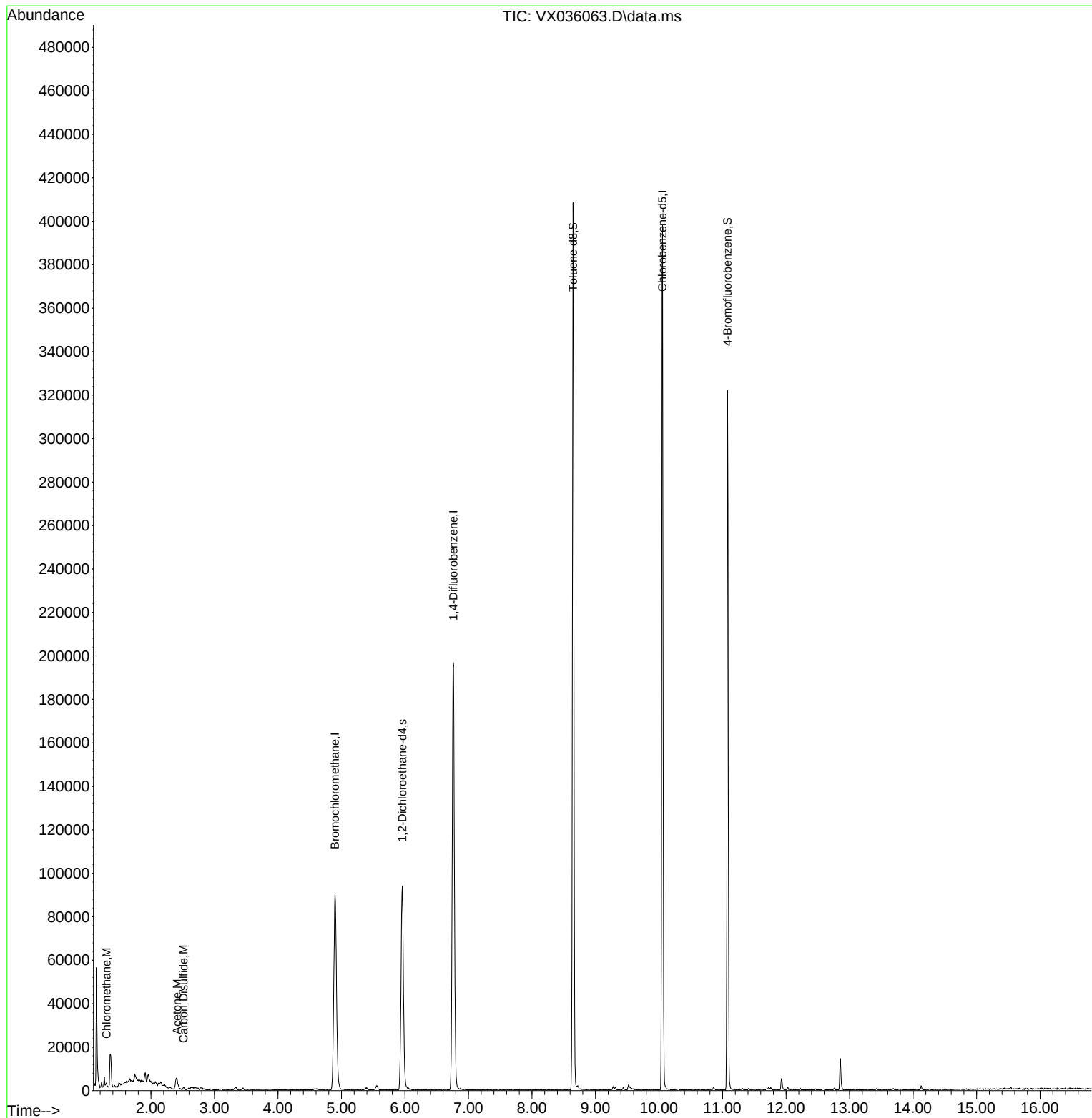
Internal Standards						
1) Bromochloromethane	4.897	128	36646	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	192580	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	176169	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	94797	31.133	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.767%
60) 4-Bromofluorobenzene	11.079	95	84706	28.655	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.500%
63) Toluene-d8	8.647	98	229518	29.470	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.233%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	1556	0.677	ug/l #	88
15) Acetone	2.410	58	2465	6.333	ug/l	72
16) Carbon Disulfide	2.514	76	1391	0.349	ug/l #	92

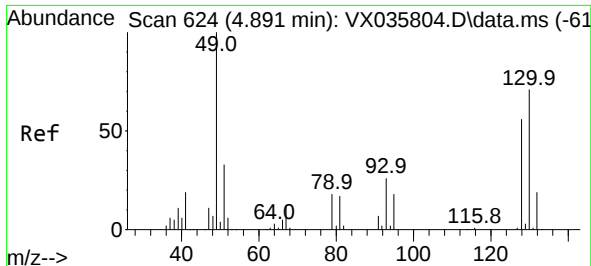
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
Data File : VX036063.D
Acq On : 07 Jun 2023 16:12
Operator : JC/MD
Sample : 03047-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TWP-07

Quant Time: Jun 08 07:22:56 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

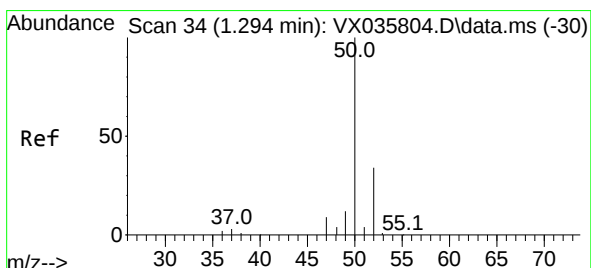
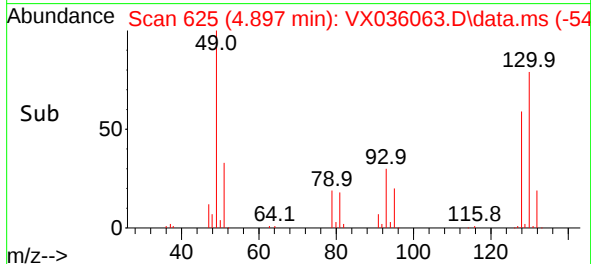
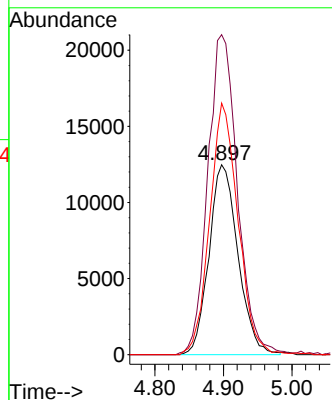
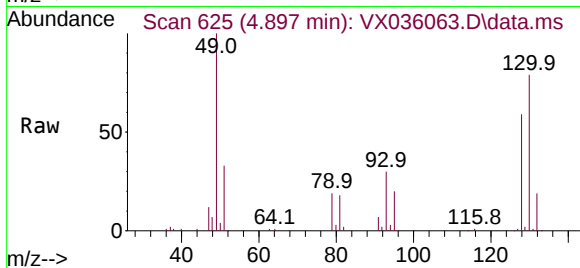




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036063.D
Acq: 07 Jun 2023 16:12

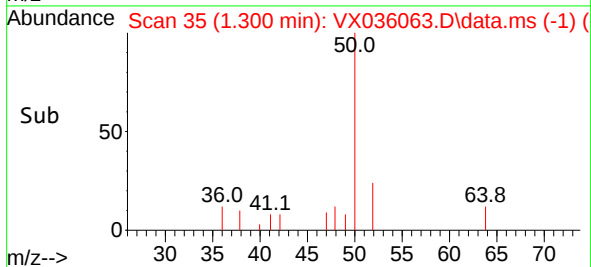
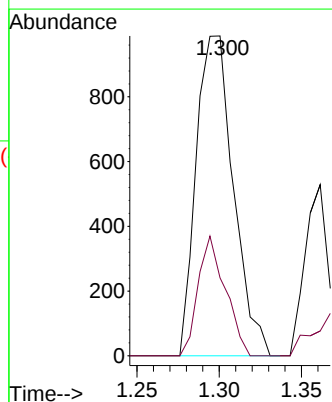
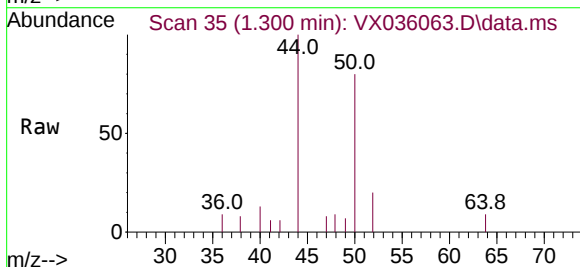
Instrument :
MSVOA_X
ClientSampleId :
TWP-07

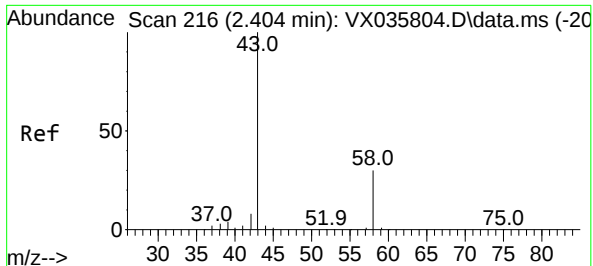
Tgt Ion:128 Resp: 36646
Ion Ratio Lower Upper
128 100
49 172.1 0.0 428.8
130 129.3 0.0 310.8



#3
Chloromethane
Concen: 0.677 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX036063.D
Acq: 07 Jun 2023 16:12

Tgt Ion: 50 Resp: 1556
Ion Ratio Lower Upper
50 100
52 24.4 24.6 36.8#





#15

Acetone

Concen: 6.333 ug/l

RT: 2.410 min Scan# 216

Delta R.T. 0.006 min

Lab File: VX036063.D

Acq: 07 Jun 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

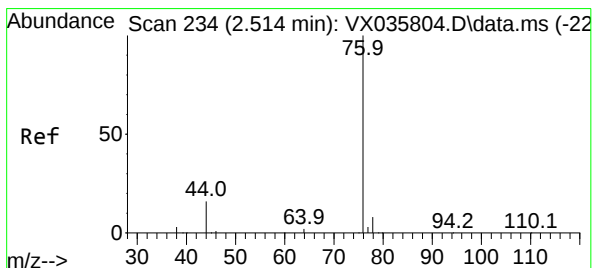
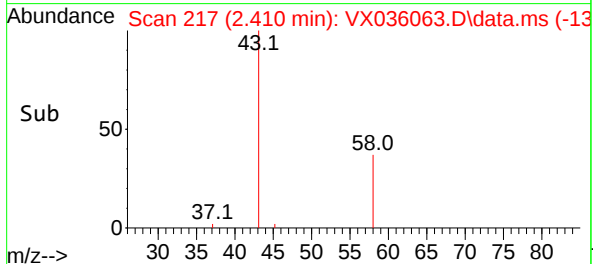
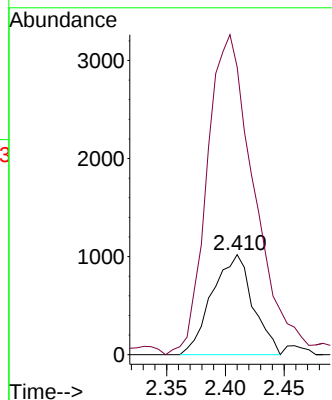
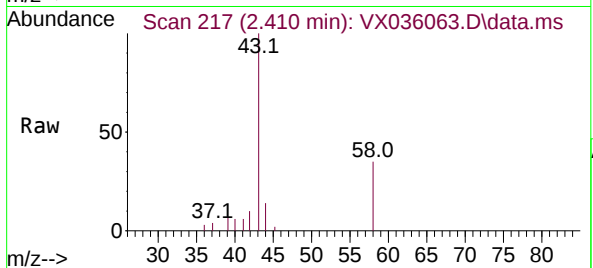
TWP-07

Tgt Ion: 58 Resp: 2465

Ion Ratio Lower Upper

58 100

43 279.9 270.8 406.2



#16

Carbon Disulfide

Concen: 0.349 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX036063.D

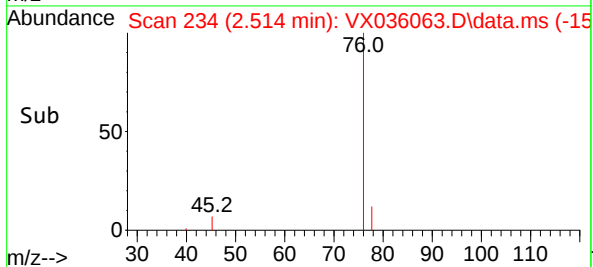
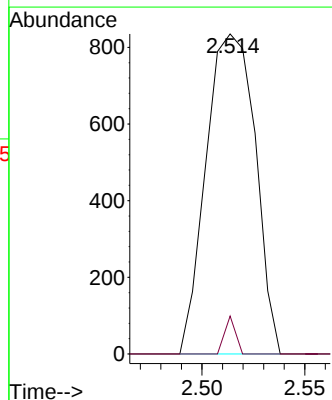
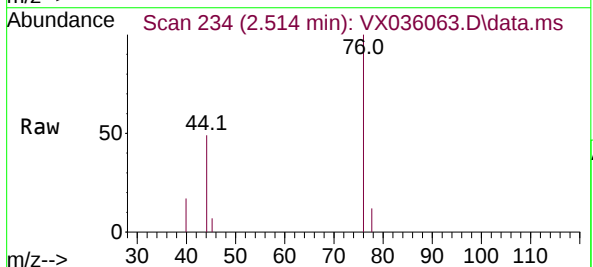
Acq: 07 Jun 2023 16:12

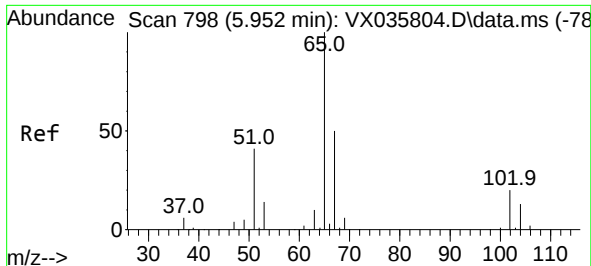
Tgt Ion: 76 Resp: 1391

Ion Ratio Lower Upper

76 100

78 11.9 7.0 10.6#





#27

1,2-Dichloroethane-d4

Concen: 31.133 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036063.D

Acq: 07 Jun 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

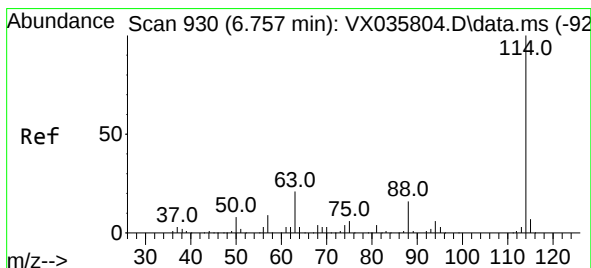
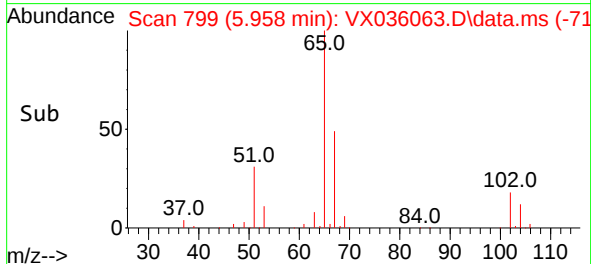
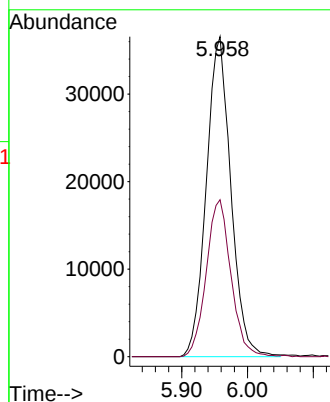
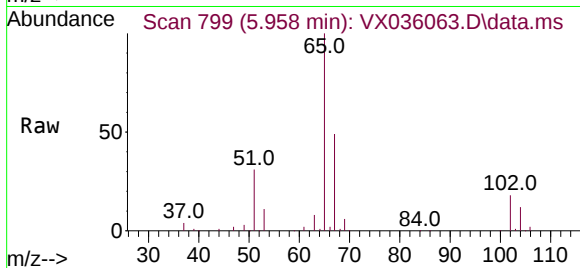
TWP-07

Tgt Ion: 65 Resp: 94797

Ion Ratio Lower Upper

65 100

67 49.3 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX036063.D

Acq: 07 Jun 2023 16:12

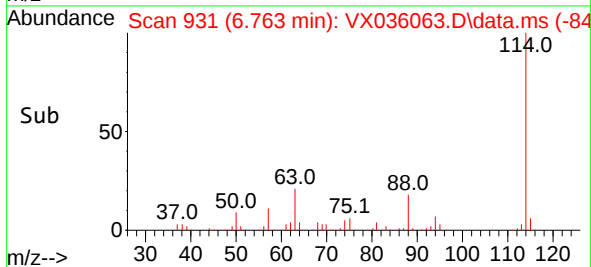
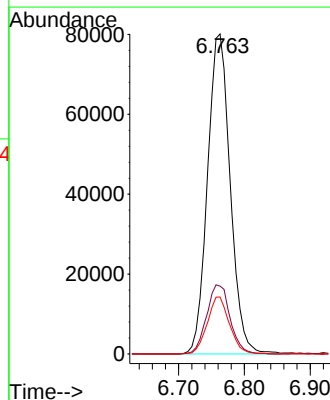
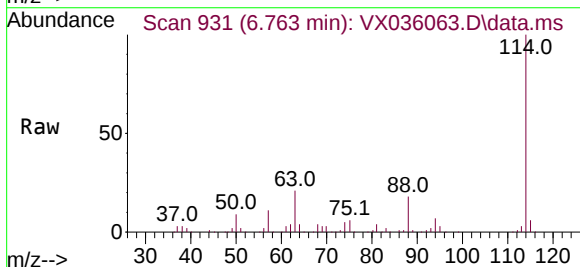
Tgt Ion: 114 Resp: 192580

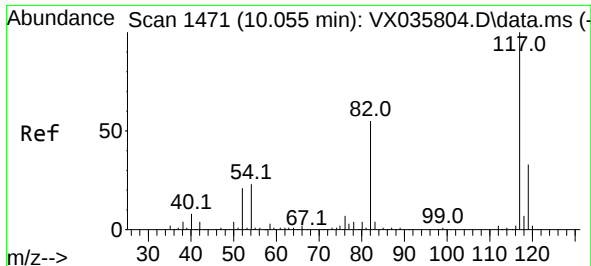
Ion Ratio Lower Upper

114 100

63 22.2 18.0 27.0

88 17.4 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: VX036063.D

Acq: 07 Jun 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

TWP-07

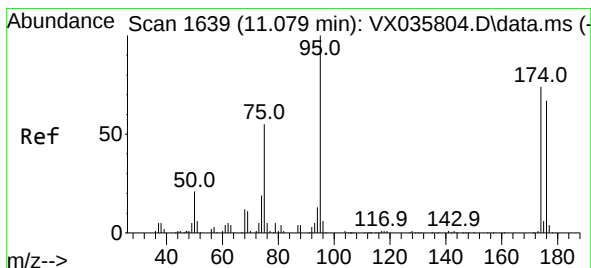
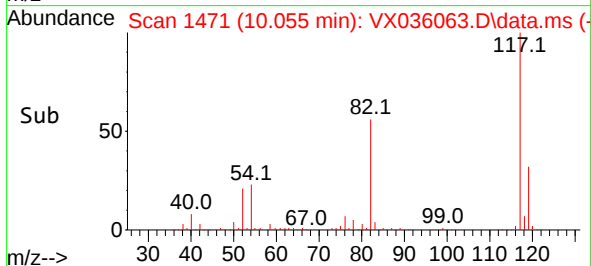
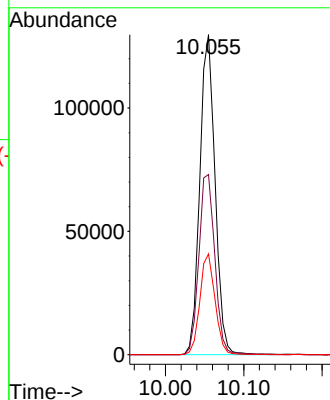
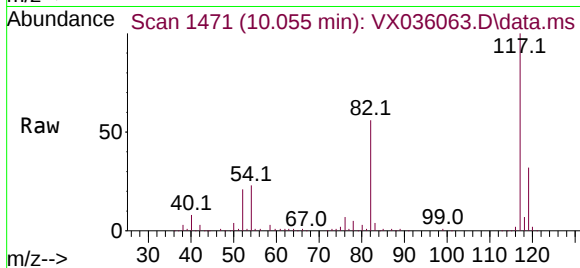
Tgt Ion:117 Resp: 176169

Ion Ratio Lower Upper

117 100

82 58.8 45.8 68.8

119 31.3 25.4 38.0



#60

4-Bromofluorobenzene

Concen: 28.655 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036063.D

Acq: 07 Jun 2023 16:12

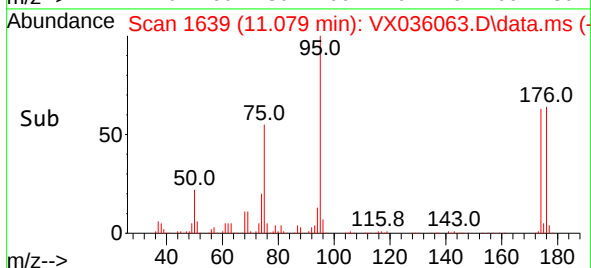
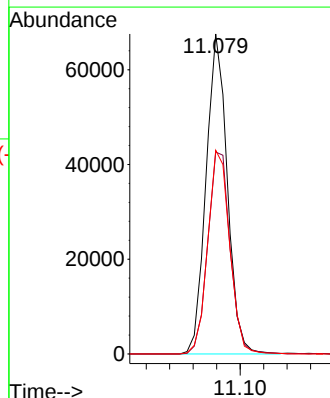
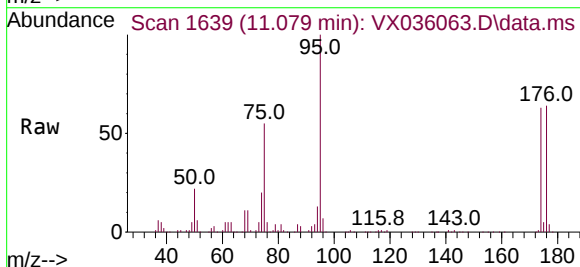
Tgt Ion: 95 Resp: 84706

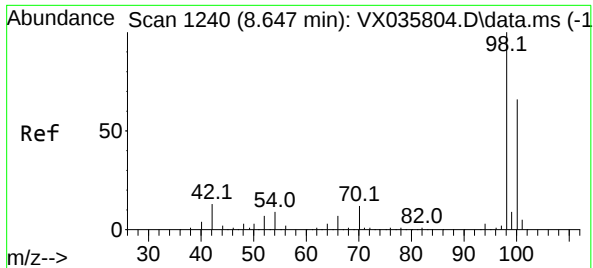
Ion Ratio Lower Upper

95 100

174 66.6 0.2 0.4#

176 65.7 0.2 0.2#





#63
Toluene-d8
Concen: 29.470 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036063.D
Acq: 07 Jun 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :
TWP-07

Tgt Ion: 98 Resp: 229518
Ion Ratio Lower Upper
98 100
100 66.7 52.1 78.1

