

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
 Data File : VX033661.D
 Acq On : 09 Jan 2023 13:55
 Operator : JC/MD
 Sample : N6226-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP01RE

Quant Time: Jan 10 00:46:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 Response via : Initial Calibration

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

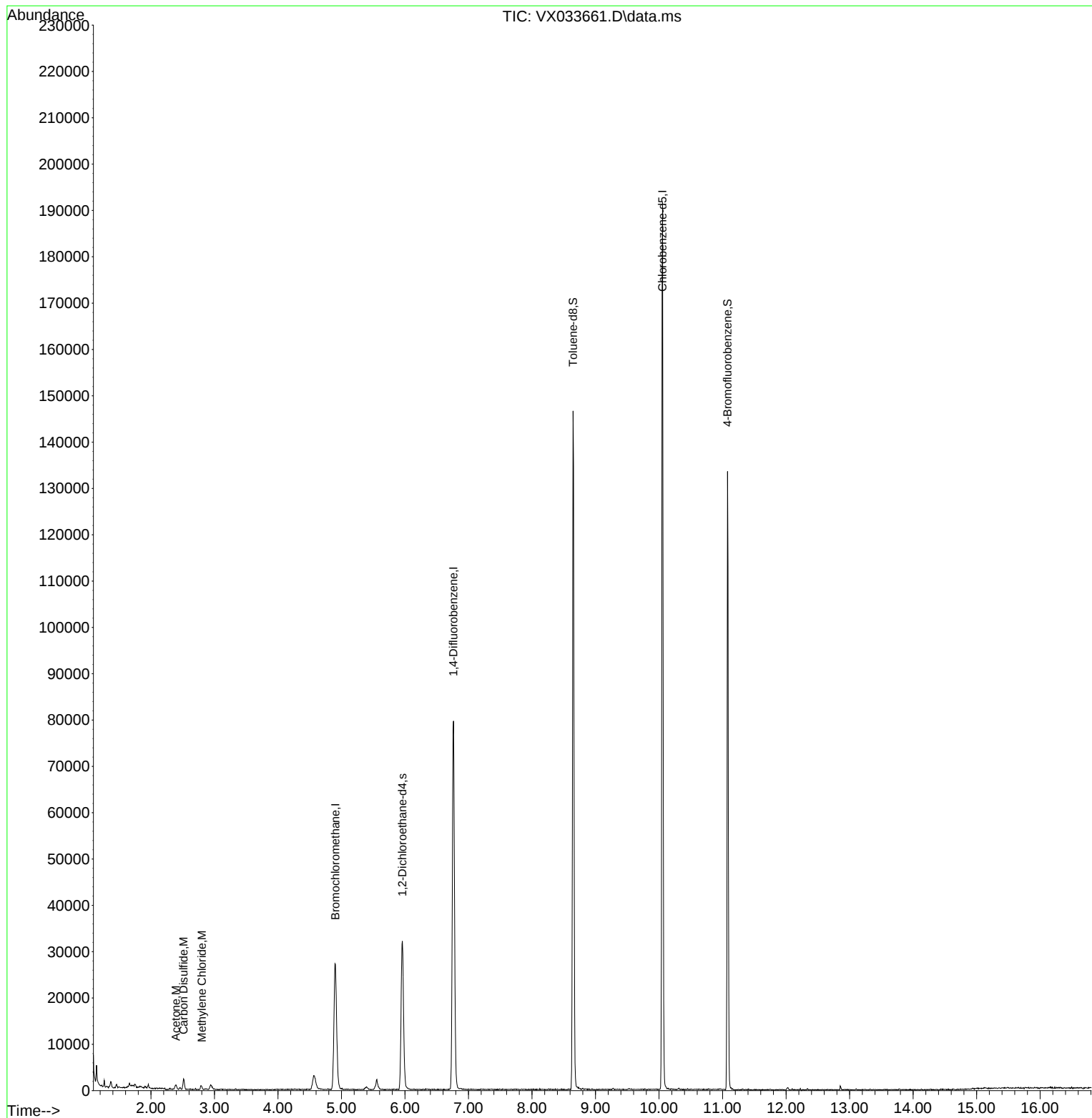
Internal Standards						
1) Bromochloromethane	4.903	128	11956	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	83168	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	89895	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32122	33.181	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.600%#
60) 4-Bromofluorobenzene	11.079	95	31439	19.404	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	64.667%
63) Toluene-d8	8.647	98	87242	30.324	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.067%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	414	2.901	ug/l #	18
16) Carbon Disulfide	2.514	76	2803	1.055	ug/l #	95
18) Methylene Chloride	2.800	84	391	0.306	ug/l #	82

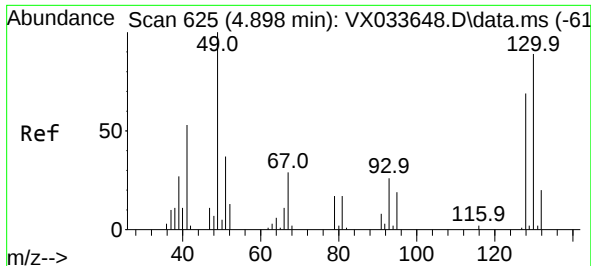
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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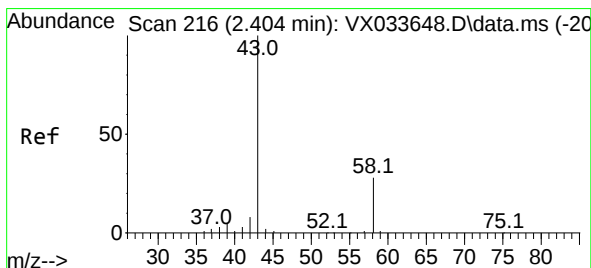
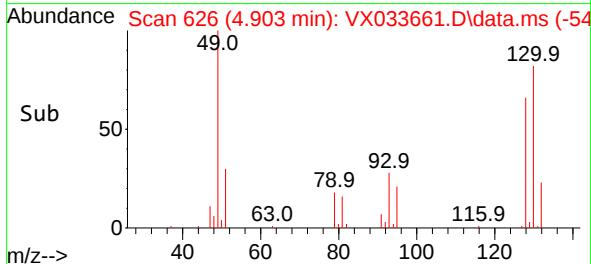
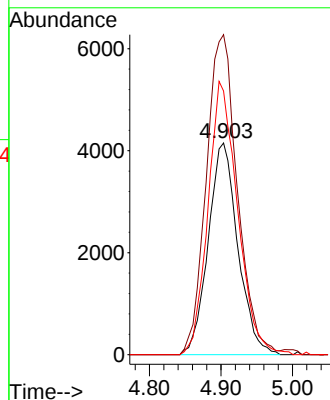
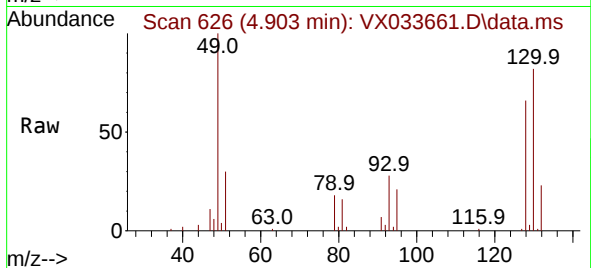




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.005 min
Lab File: VX033661.D
Acq: 09 Jan 2023 13:55

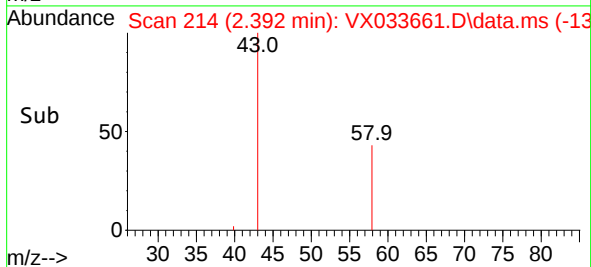
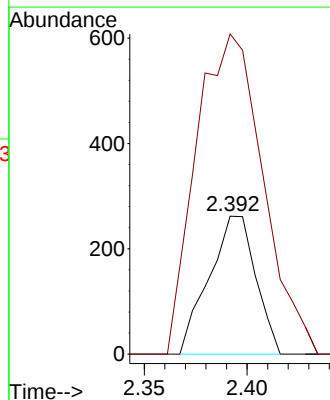
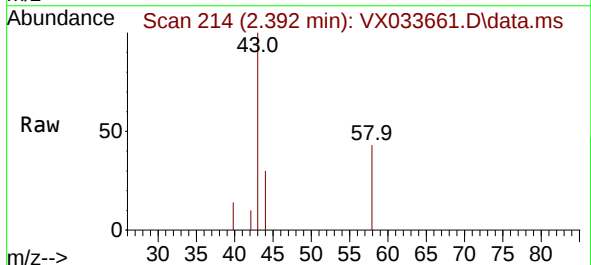
Instrument :
MSVOA_X
ClientSampleId :
TWP01RE

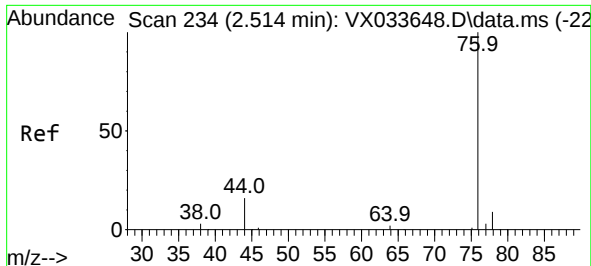
Tgt Ion:128 Resp: 11956
Ion Ratio Lower Upper
128 100
49 158.8 0.0 398.5
130 129.0 0.0 329.0



#15
Acetone
Concen: 2.901 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX033661.D
Acq: 09 Jan 2023 13:55

Tgt Ion: 58 Resp: 414
Ion Ratio Lower Upper
58 100
43 177.9 288.3 432.5#

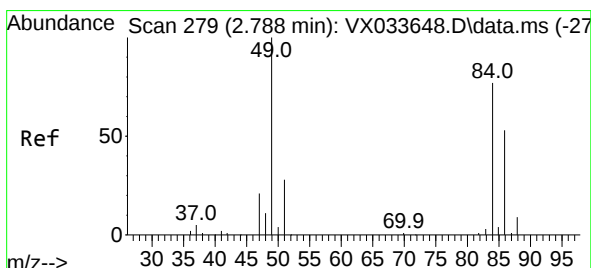
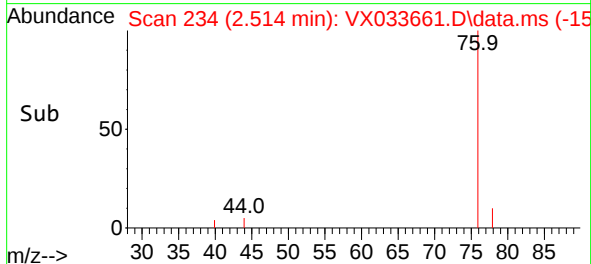
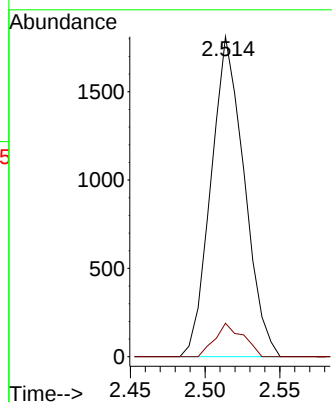
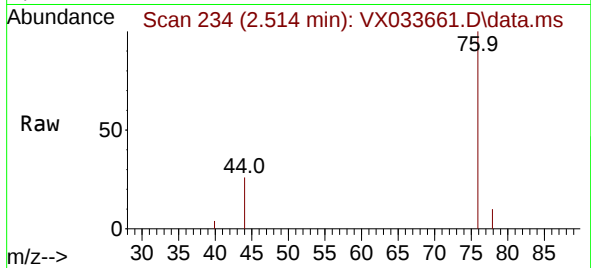




#16
Carbon Disulfide
Concen: 1.055 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033661.D
Acq: 09 Jan 2023 13:55

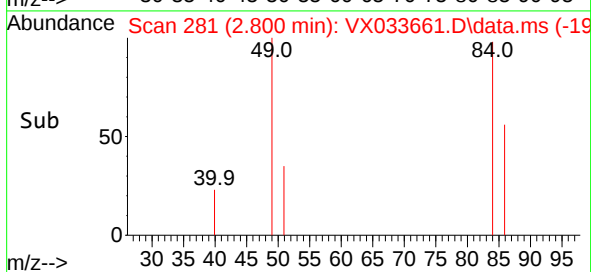
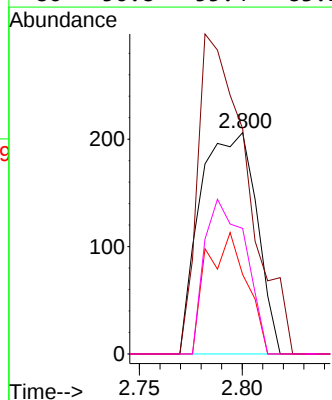
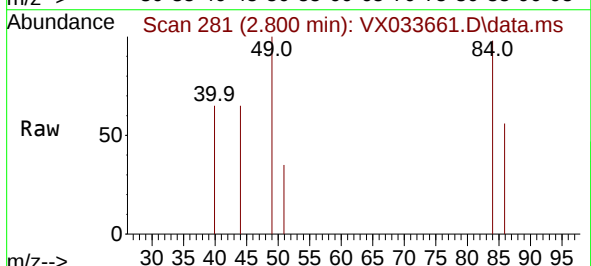
Instrument :
MSVOA_X
ClientSampleId :
TWP01RE

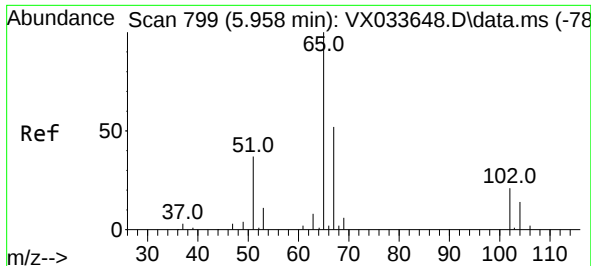
Tgt Ion: 76 Resp: 2803
Ion Ratio Lower Upper
76 100
78 10.5 7.0 10.4#



#18
Methylene Chloride
Concen: 0.306 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX033661.D
Acq: 09 Jan 2023 13:55

Tgt Ion: 84 Resp: 391
Ion Ratio Lower Upper
84 100
49 101.9 104.1 156.1#
51 35.9 29.2 43.8
86 56.8 55.4 83.2

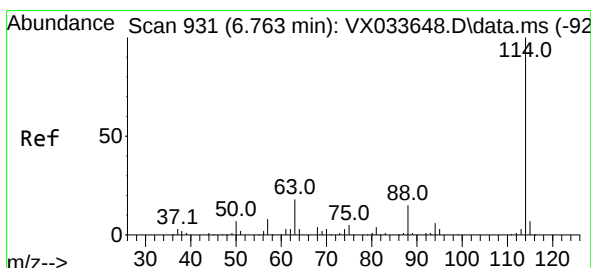
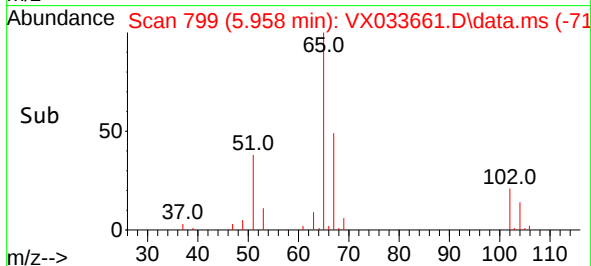
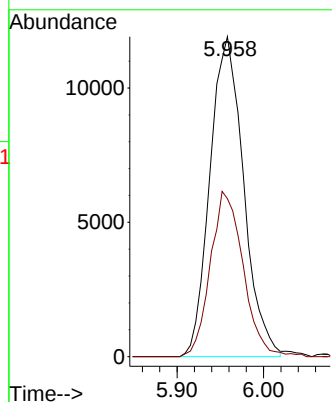
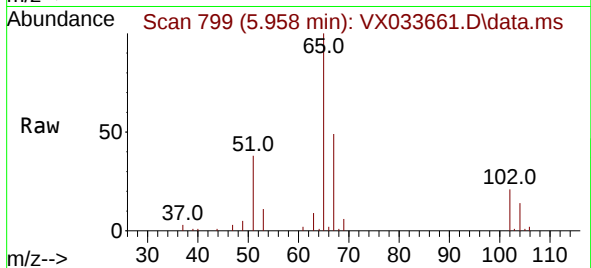




#27
 1,2-Dichloroethane-d4
 Concen: 33.181 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX033661.D
 Acq: 09 Jan 2023 13:55

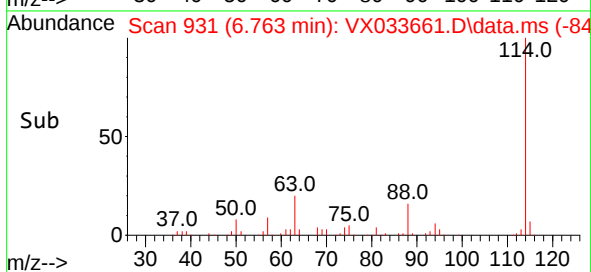
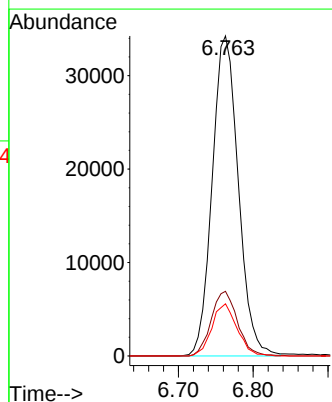
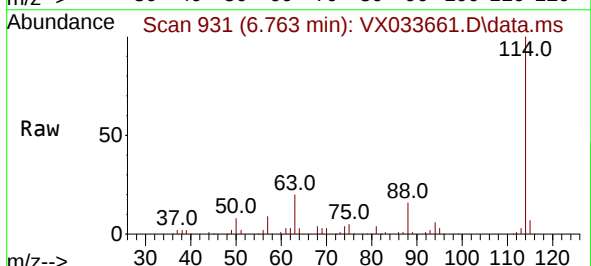
Instrument :
 MSVOA_X
 ClientSampleId :
 TWP01RE

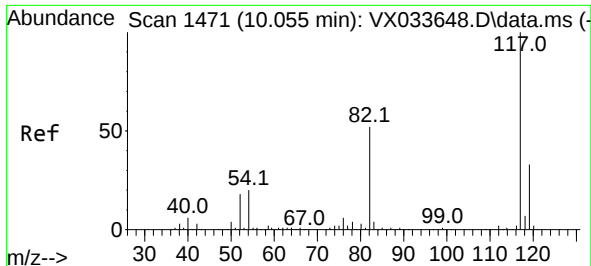
Tgt Ion: 65 Resp: 32122
 Ion Ratio Lower Upper
 65 100
 67 50.5 40.4 60.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033661.D
 Acq: 09 Jan 2023 13:55

Tgt Ion: 114 Resp: 83168
 Ion Ratio Lower Upper
 114 100
 63 20.3 15.5 23.3
 88 15.7 12.4 18.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033661.D

Acq: 09 Jan 2023 13:55

Instrument :

MSVOA_X

ClientSampleId :

TWP01RE

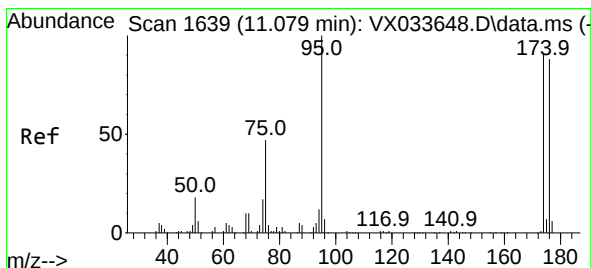
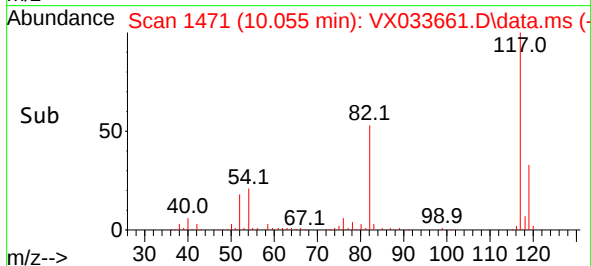
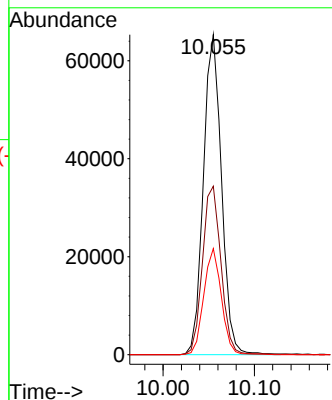
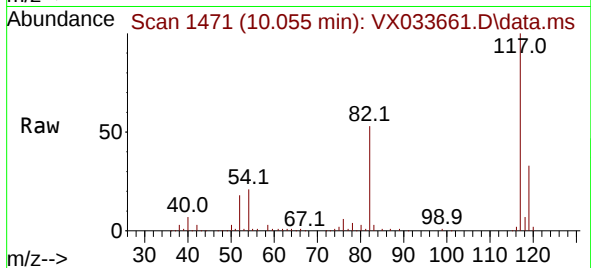
Tgt Ion:117 Resp: 89895

Ion Ratio Lower Upper

117 100

82 53.8 41.9 62.9

119 32.2 25.6 38.4



#60

4-Bromofluorobenzene

Concen: 19.404 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033661.D

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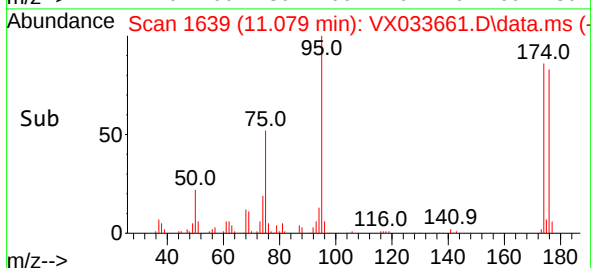
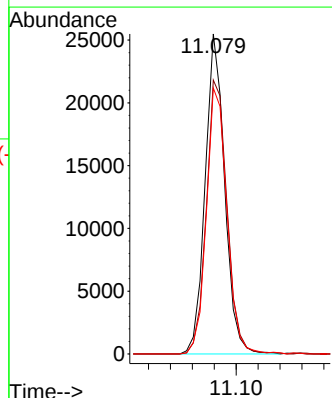
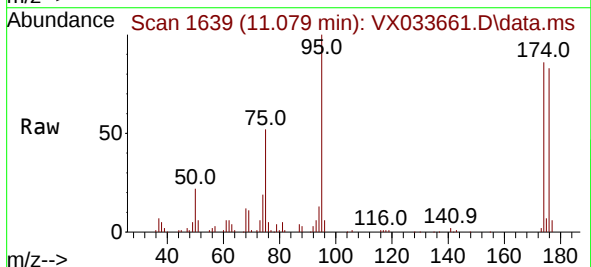
Tgt Ion: 95 Resp: 31439

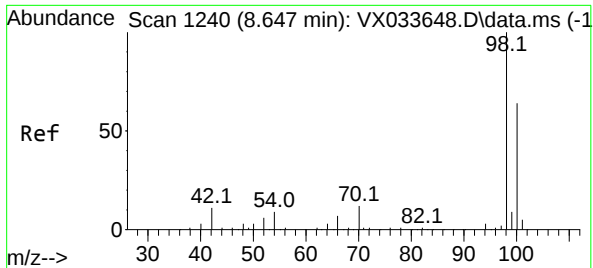
Ion Ratio Lower Upper

95 100

174 91.3 73.7 110.5

176 87.5 71.0 106.4





#63
 Toluene-d8
 Concen: 30.324 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033661.D
 Acq: 09 Jan 2023 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP01RE

Tgt Ion: 98 Resp: 87242
 Ion Ratio Lower Upper
 98 100
 100 65.4 53.1 79.7

