

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037951.D
 Acq On : 28 Sep 2023 15:23
 Operator : JC/MD
 Sample : 04661-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 29 04:27:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 06:08:32 2023
 Response via : Initial Calibration

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

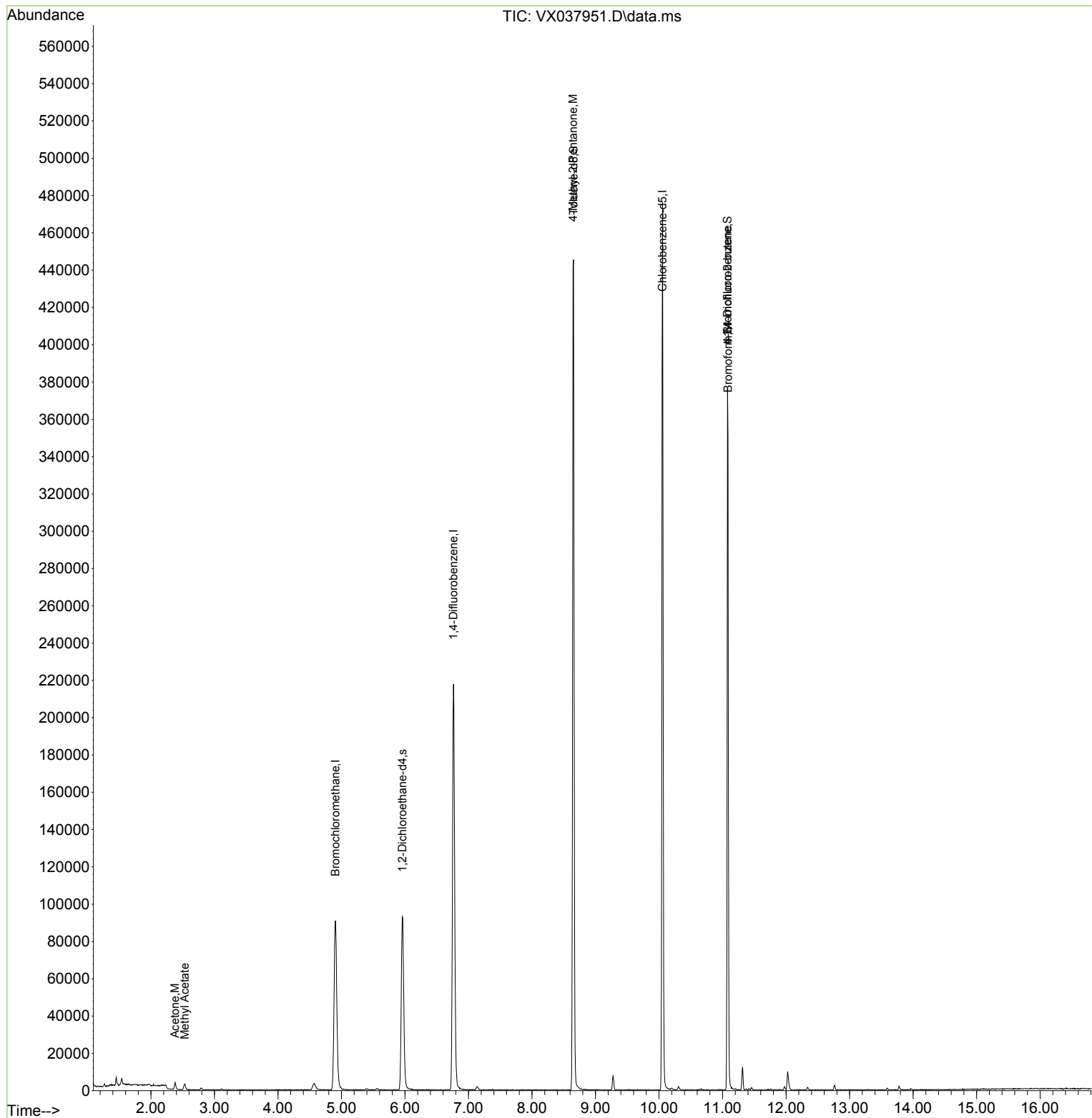
Internal Standards						
1) Bromochloromethane	4.903	128	41559	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	228702	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	216418	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	92268	30.800	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.667%
60) 4-Bromofluorobenzene	11.079	95	99215	28.122	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.733%
63) Toluene-d8	8.653	98	282188	30.205	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.700%
Target Compounds						
						Qvalue
12) Methyl Acetate	2.532	43	905	0.207	ug/l #	50
15) Acetone	2.380	58	1178	3.373	ug/l	98
56) Bromoform	11.085	173	801	0.388	ug/l #	1
58) 4-Methyl-2-Pentanone	8.647	43	1224	0.386	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	50914	44.287	ug/l #	7

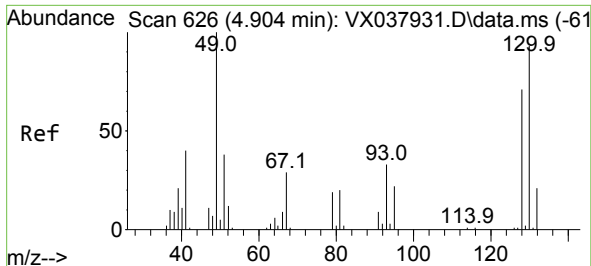
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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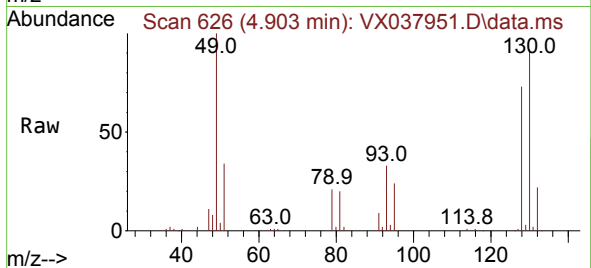
Quant Time: Sep 29 04:27:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Sep 28 06:08:32 2023
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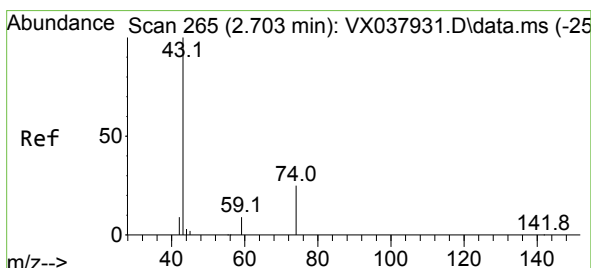
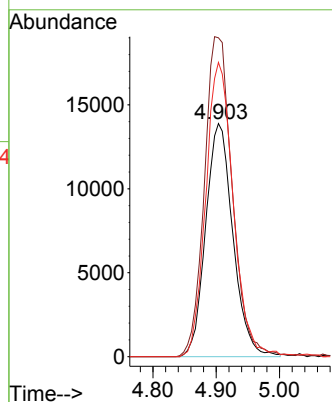
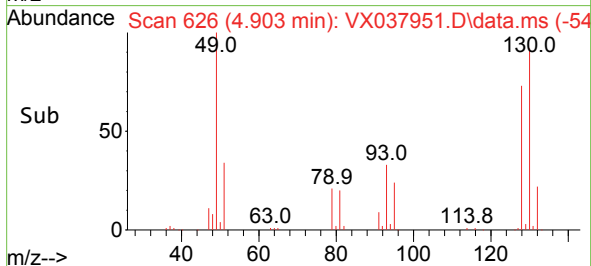


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX037951.D
Acq: 28 Sep 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :

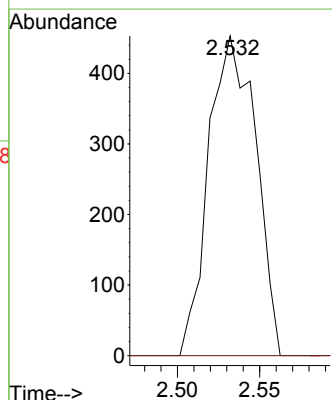
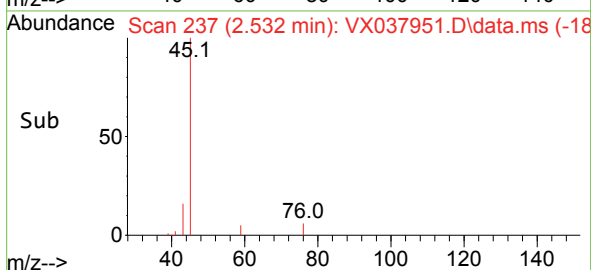
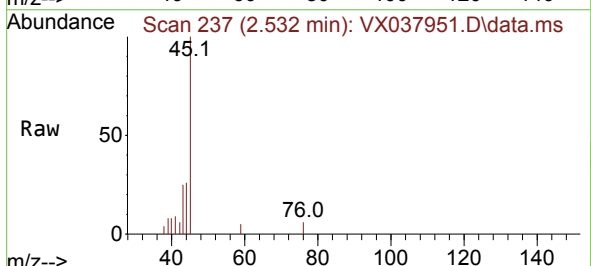


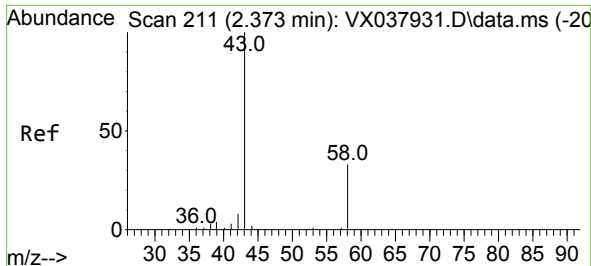
Tgt Ion:128 Resp: 41559
Ion Ratio Lower Upper
128 100
49 141.2 0.0 406.3
130 126.4 0.0 328.0



#12
Methyl Acetate
Concen: 0.207 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX037951.D
Acq: 28 Sep 2023 15:23

Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#

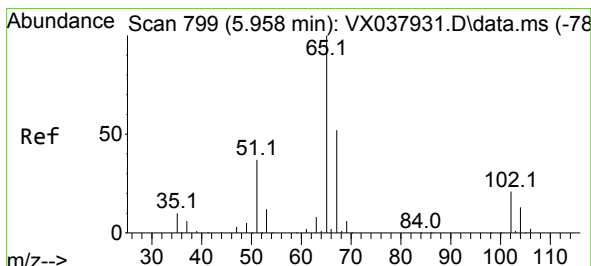
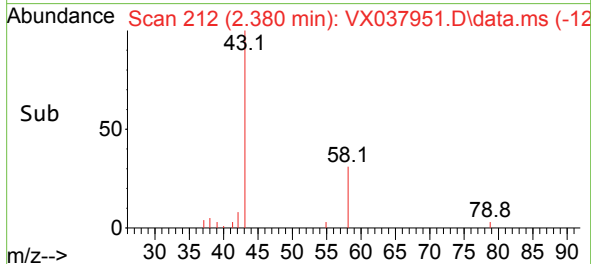
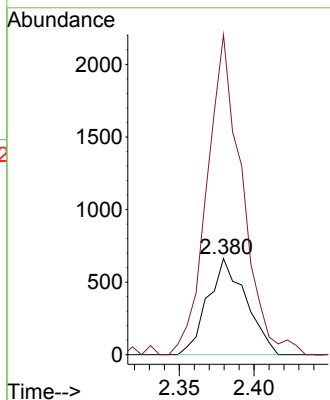
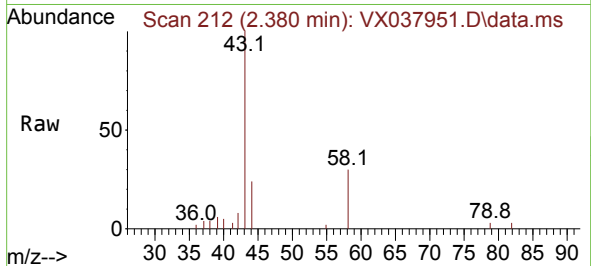




#15
Acetone
Concen: 3.373 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX037951.D
Acq: 28 Sep 2023 15:23

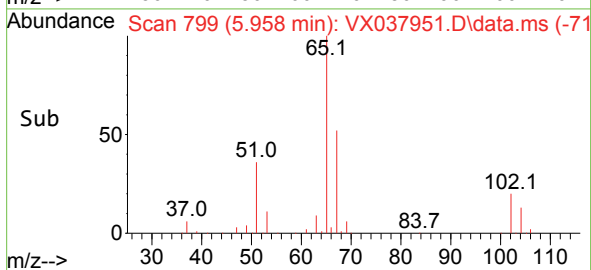
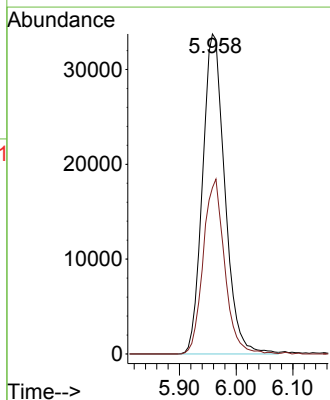
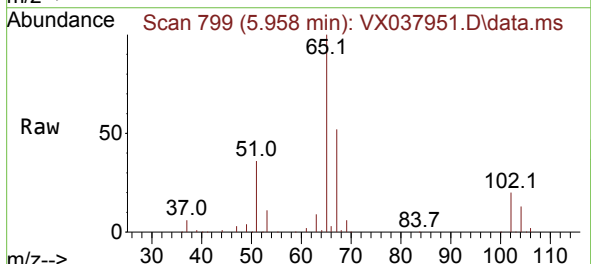
Instrument :
MSVOA_X
ClientSampleId :

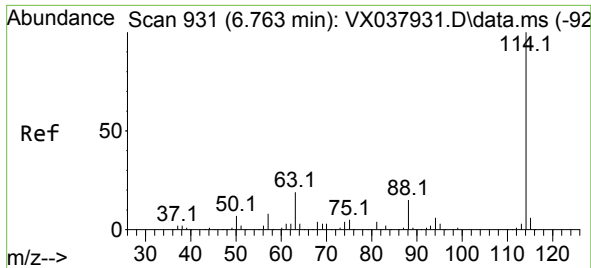
Tgt Ion: 58 Resp: 1178
Ion Ratio Lower Upper
58 100
43 321.6 261.0 391.4



#27
1,2-Dichloroethane-d4
Concen: 30.800 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037951.D
Acq: 28 Sep 2023 15:23

Tgt Ion: 65 Resp: 92268
Ion Ratio Lower Upper
65 100
67 52.2 42.1 63.1

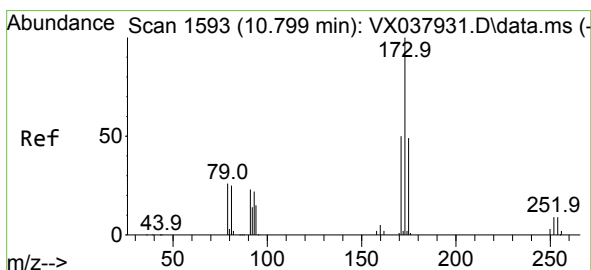
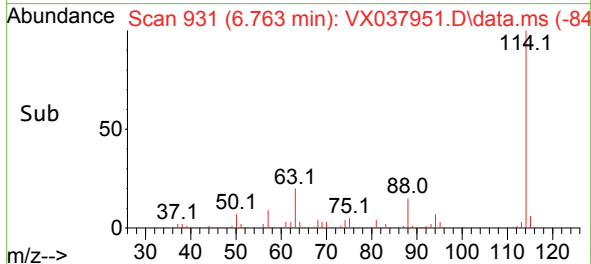
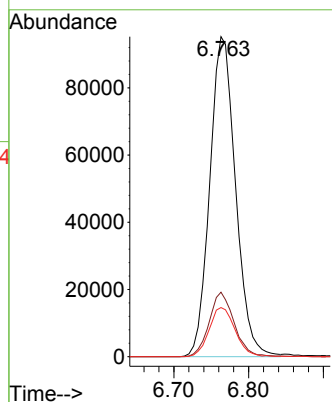
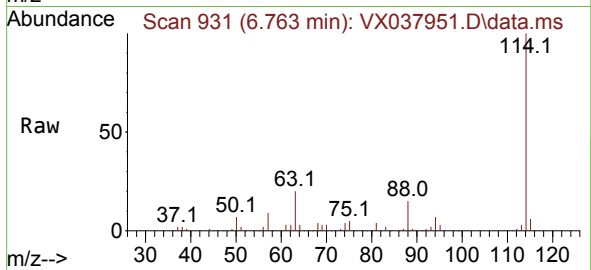




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037951.D
Acq: 28 Sep 2023 15:23

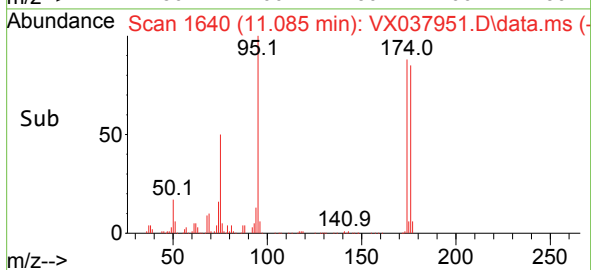
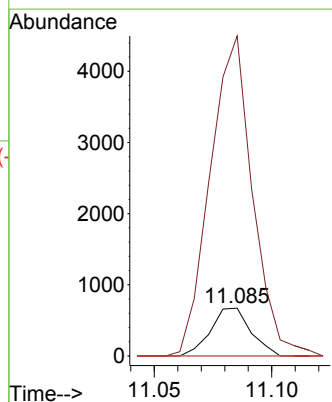
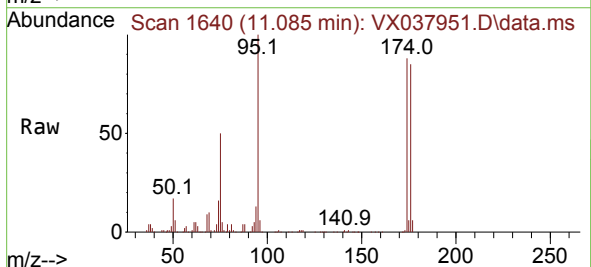
Instrument :
MSVOA_X
ClientSampleId :

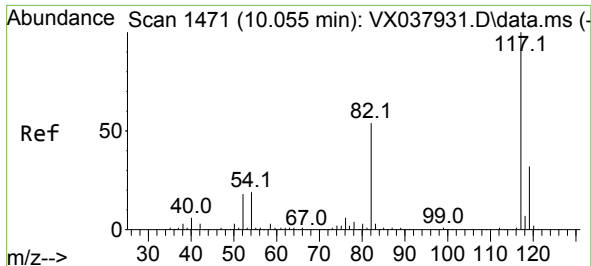
Tgt Ion:114 Resp: 228702
Ion Ratio Lower Upper
114 100
63 19.5 16.6 24.8
88 15.4 12.9 19.3



#56
Bromoform
Concen: 0.388 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.287 min
Lab File: VX037951.D
Acq: 28 Sep 2023 15:23

Tgt Ion:173 Resp: 801
Ion Ratio Lower Upper
173 100
175 706.6 38.1 57.1#
254 0.0 6.7 10.1#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

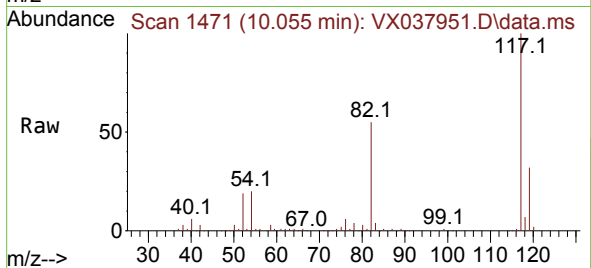
Lab File: VX037951.D

Acq: 28 Sep 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :



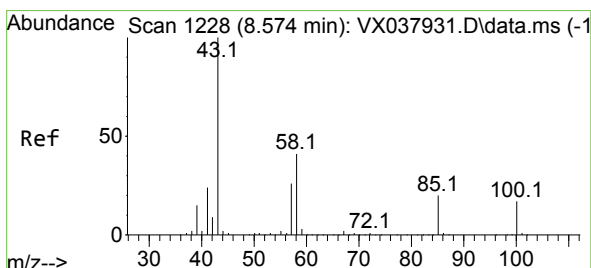
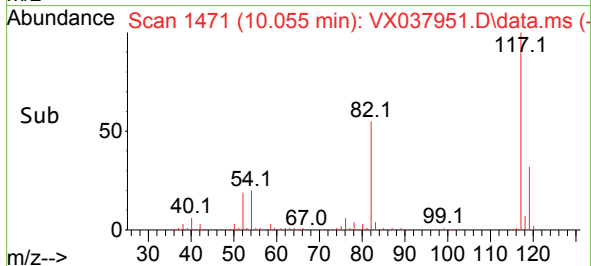
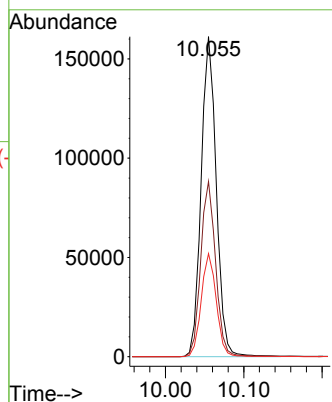
Tgt Ion:117 Resp: 216418

Ion Ratio Lower Upper

117 100

82 53.8 44.7 67.1

119 32.1 25.6 38.4



#58

4-Methyl-2-Pentanone

Concen: 0.386 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX037951.D

Acq: 28 Sep 2023 15:23

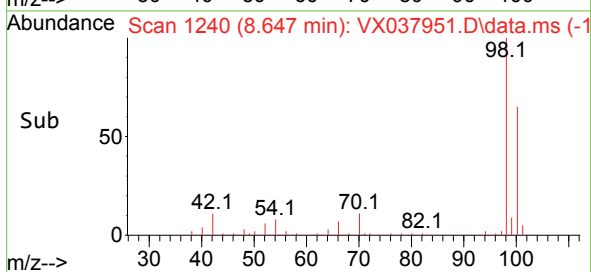
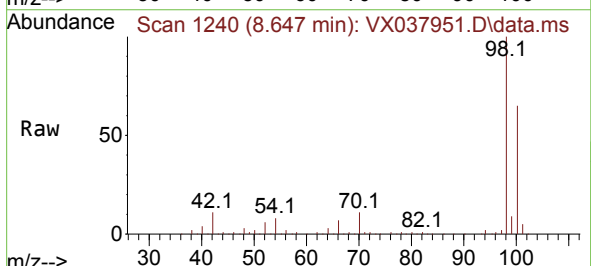
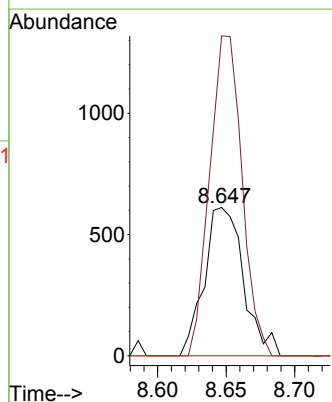
Tgt Ion: 43 Resp: 1224

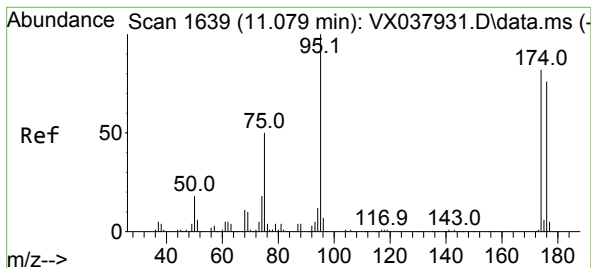
Ion Ratio Lower Upper

43 100

58 177.3 30.9 46.3#

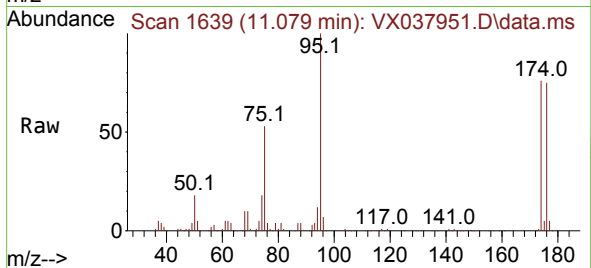
85 0.0 14.4 21.6#



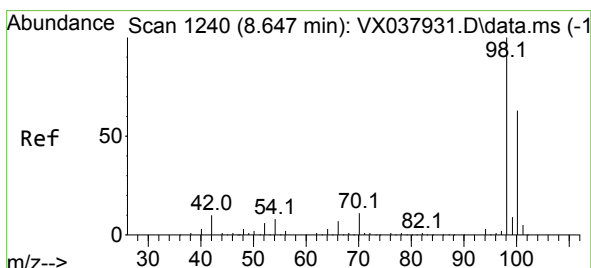
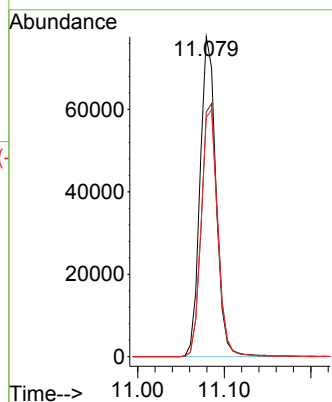
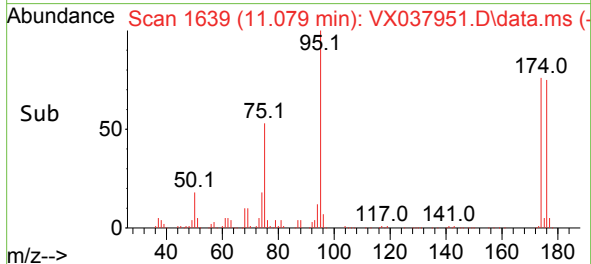


#60
4-Bromofluorobenzene
Concen: 28.122 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037951.D
Acq: 28 Sep 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :

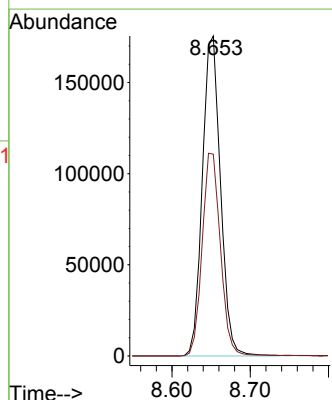
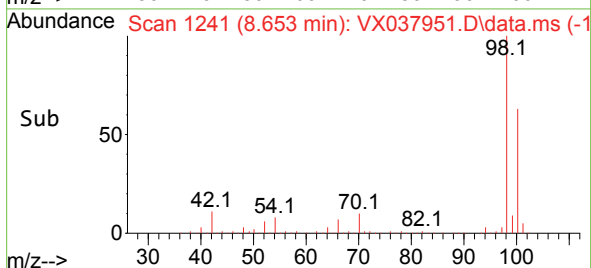
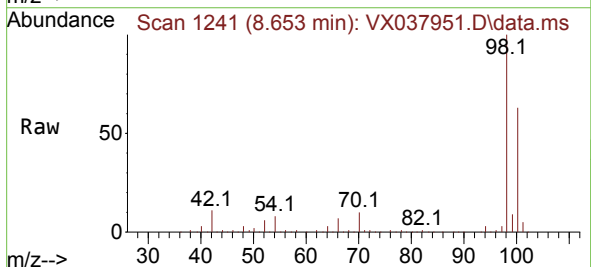


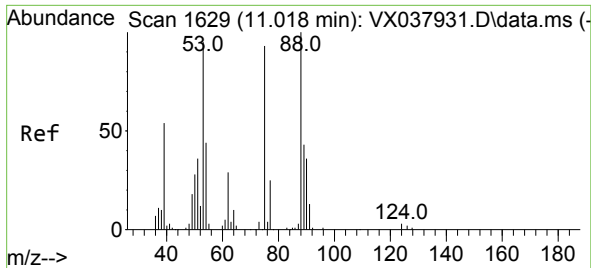
Tgt Ion: 95 Resp: 99215
Ion Ratio Lower Upper
95 100
174 80.8 60.5 90.7
176 79.7 58.2 87.4



#63
Toluene-d8
Concen: 30.205 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037951.D
Acq: 28 Sep 2023 15:23

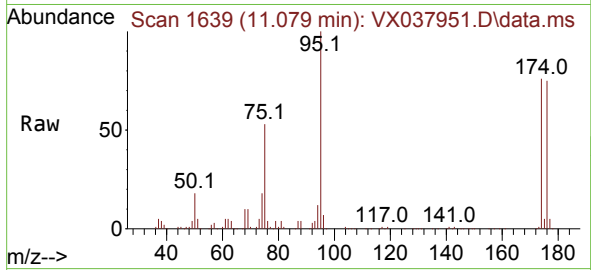
Tgt Ion: 98 Resp: 282188
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4





#77
 t-1,4-Dichloro-2-butene
 Concen: 44.287 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037951.D
 Acq: 28 Sep 2023 15:23

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 50914
 Ion Ratio Lower Upper
 75 100
 53 0.0 53.9 161.7#
 89 0.0 22.1 66.1#

