

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036808.D
 Acq On : 04 Aug 2023 14:19
 Operator : JC/MD
 Sample : ZHC#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#06

Quant Time: Aug 05 00:11:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

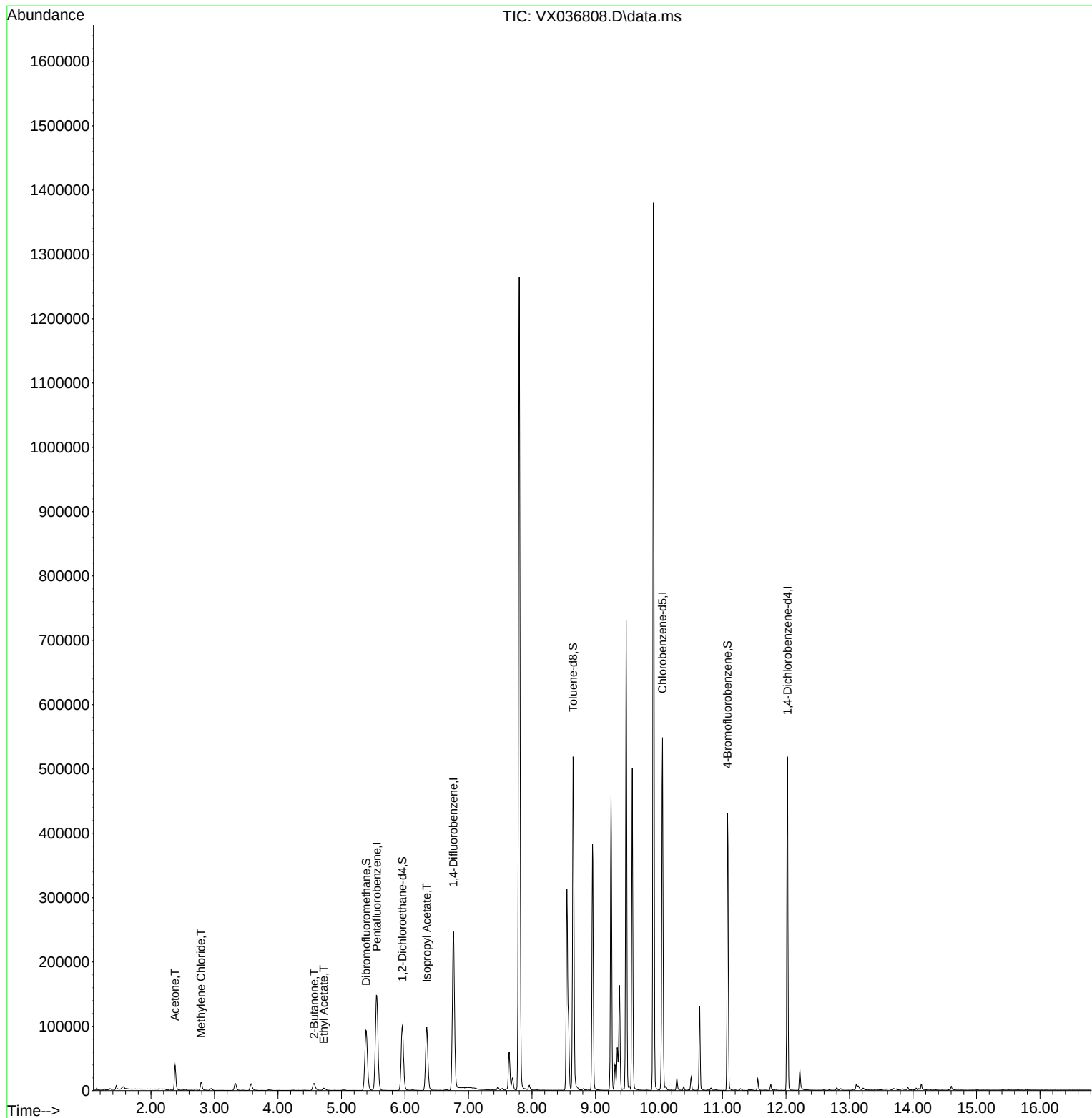
Internal Standards						
1) Pentafluorobenzene	5.556	168	138073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253013	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98221	48.077	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.160%
35) Dibromofluoromethane	5.385	113	83082	47.774	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	8.647	98	306854	49.756	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.520%
62) 4-Bromofluorobenzene	11.079	95	116818	50.206	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.420%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	41695	49.182	ug/l #	88
20) Methylene Chloride	2.788	84	6622	3.512	ug/l	95
25) 2-Butanone	4.568	43	18097	13.157	ug/l #	89
37) Ethyl Acetate	4.721	43	6618	2.256	ug/l	99
43) Isopropyl Acetate	6.342	43	135425	26.816	ug/l	96

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

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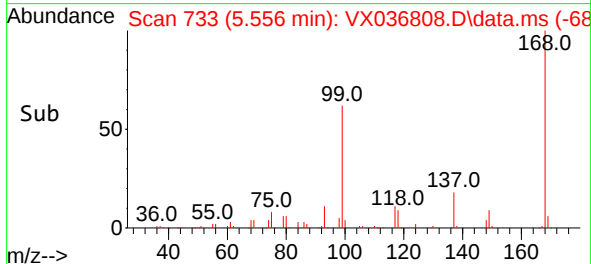
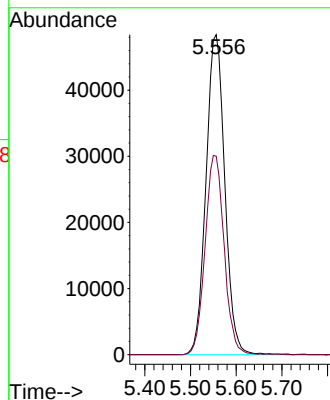
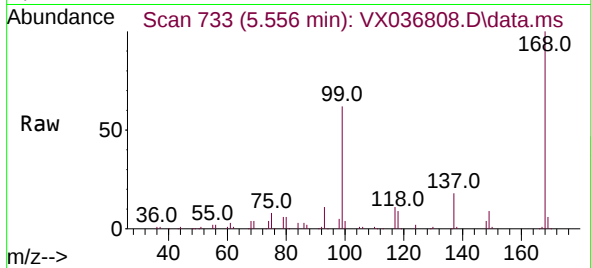




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036808.D
Acq: 04 Aug 2023 14:19

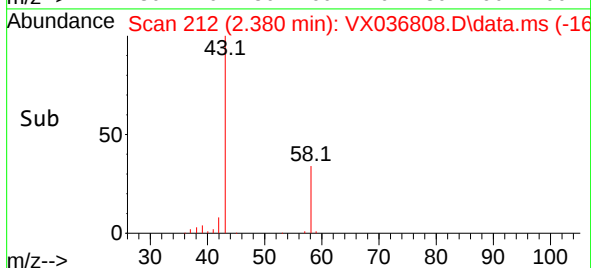
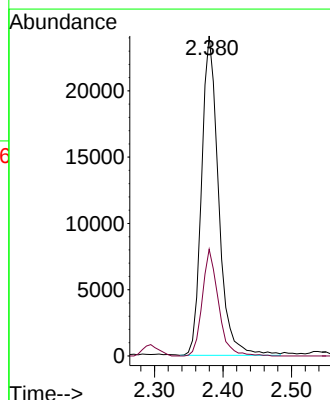
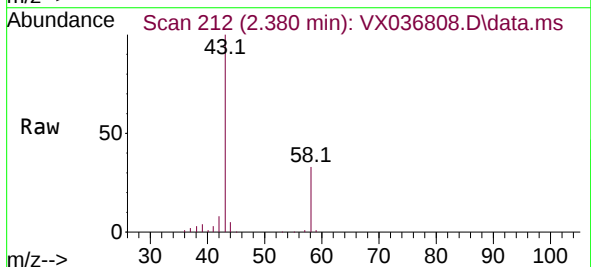
Instrument :
MSVOA_X
ClientSampleId :
ZHC#06

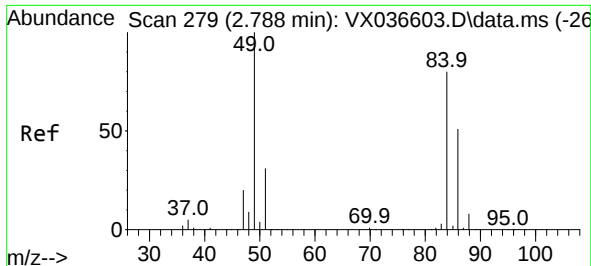
Tgt Ion:168 Resp: 138073
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#16
Acetone
Concen: 49.182 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036808.D
Acq: 04 Aug 2023 14:19

Tgt Ion: 43 Resp: 41695
Ion Ratio Lower Upper
43 100
58 33.4 21.9 32.9#





#20

Methylene Chloride

Concen: 3.512 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036808.D

Acq: 04 Aug 2023 14:19

Instrument :

MSVOA_X

ClientSampleId :

ZHC#06

Tgt Ion: 84 Resp: 6622

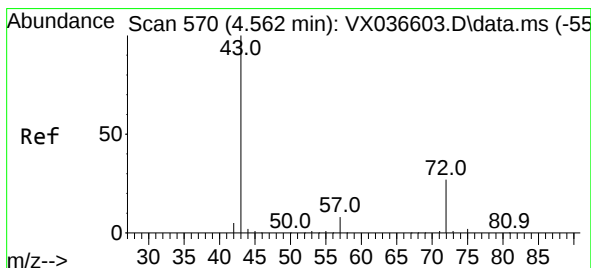
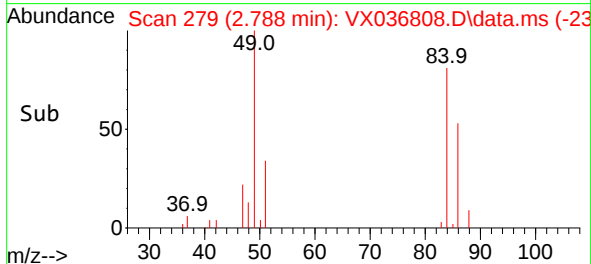
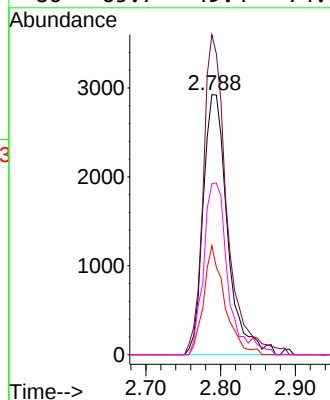
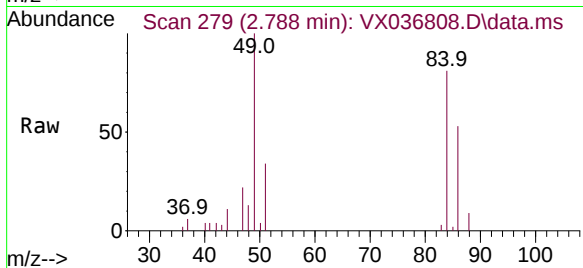
Ion Ratio Lower Upper

84 100

49 123.1 103.6 155.4

51 41.9 33.8 50.6

86 65.7 49.4 74.0



#25

2-Butanone

Concen: 13.157 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX036808.D

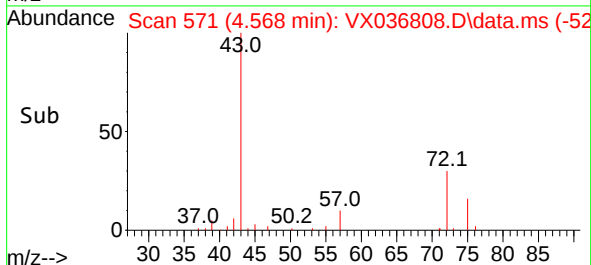
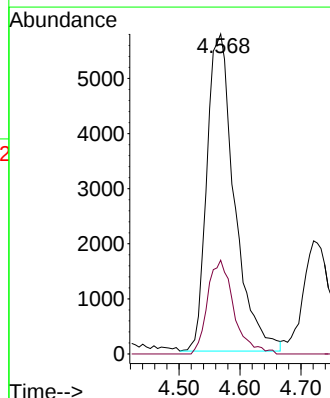
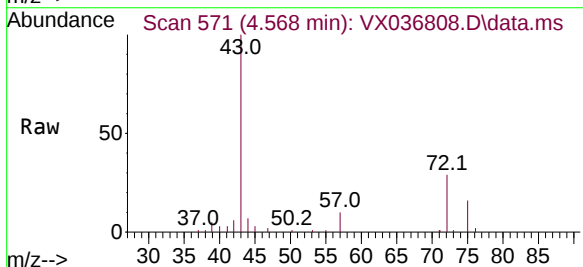
Acq: 04 Aug 2023 14:19

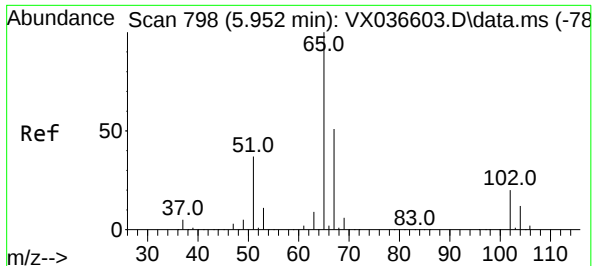
Tgt Ion: 43 Resp: 18097

Ion Ratio Lower Upper

43 100

72 29.6 19.4 29.2#

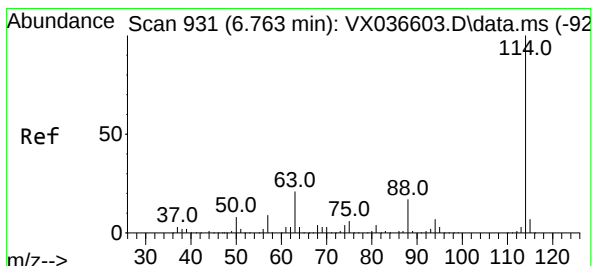
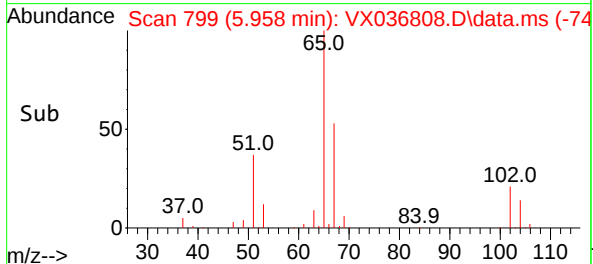
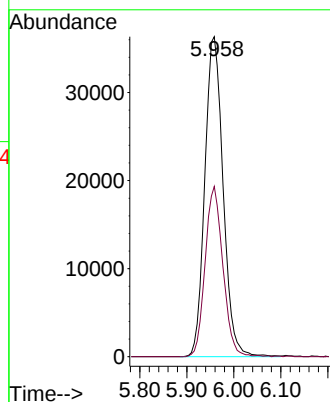
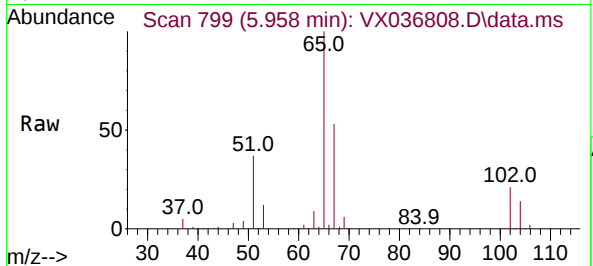




#33
 1,2-Dichloroethane-d4
 Concen: 48.077 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036808.D
 Acq: 04 Aug 2023 14:19

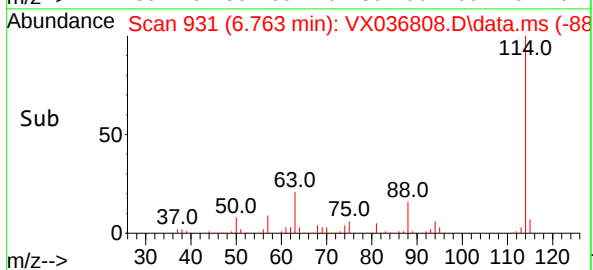
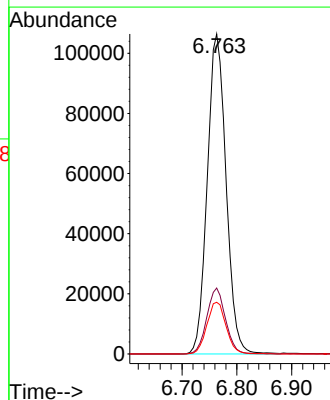
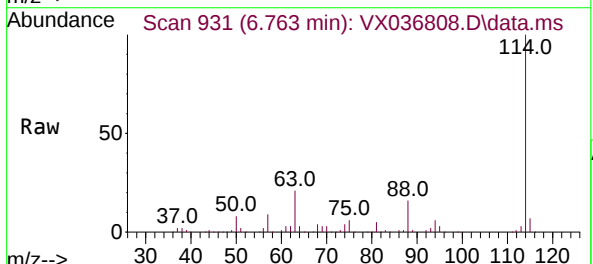
Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#06

Tgt Ion: 65 Resp: 98221
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036808.D
 Acq: 04 Aug 2023 14:19

Tgt Ion: 114 Resp: 253013
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.0
 88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.774 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036808.D

Acq: 04 Aug 2023 14:19

Instrument :

MSVOA_X

ClientSampleId :

ZHC#06

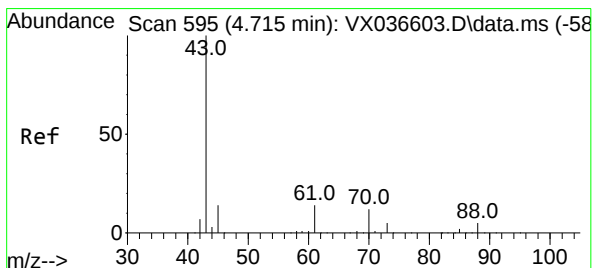
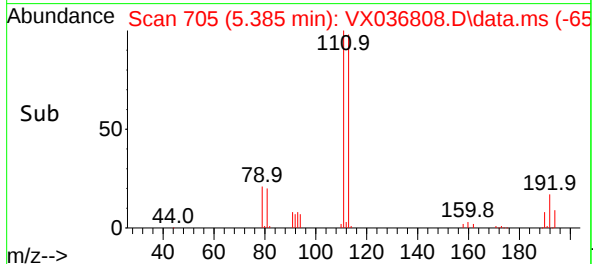
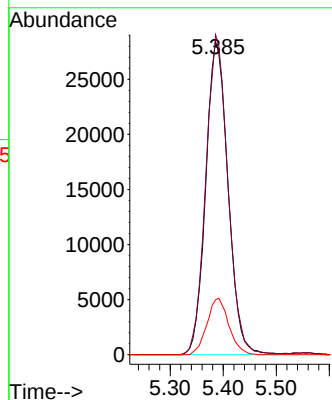
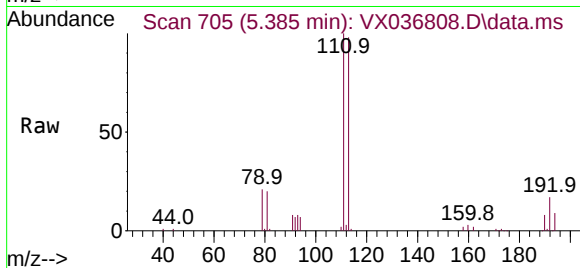
Tgt Ion:113 Resp: 83082

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

192 17.6 13.3 19.9



#37

Ethyl Acetate

Concen: 2.256 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX036808.D

Acq: 04 Aug 2023 14:19

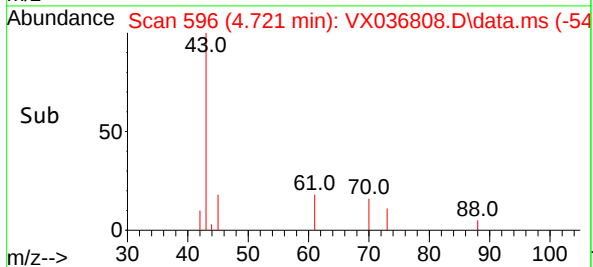
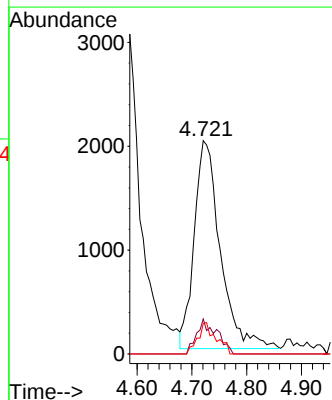
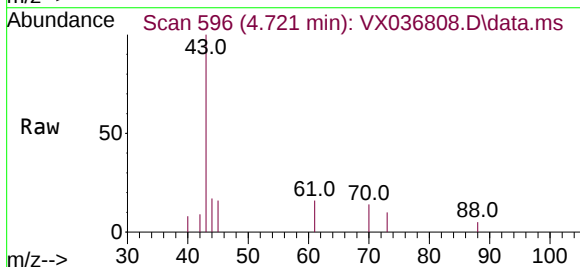
Tgt Ion: 43 Resp: 6618

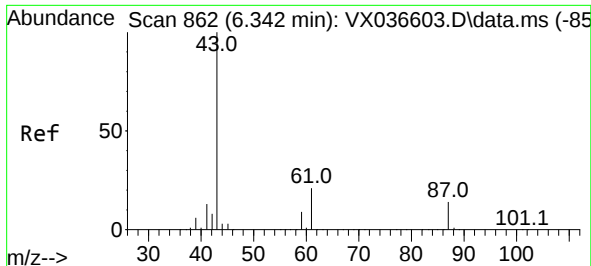
Ion Ratio Lower Upper

43 100

61 12.9 10.6 16.0

70 10.4 8.3 12.5

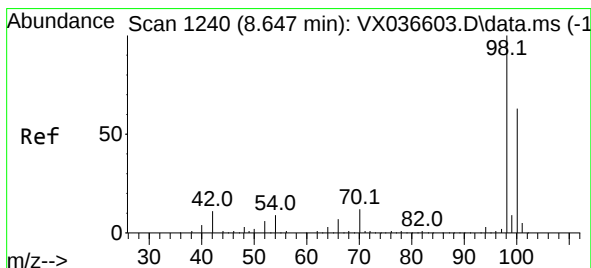
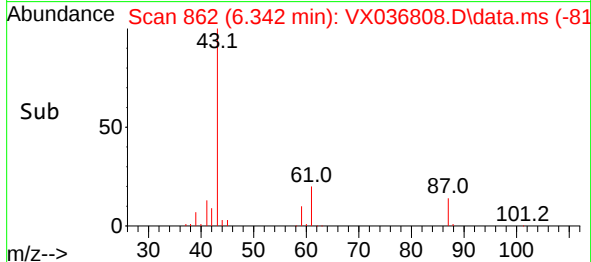
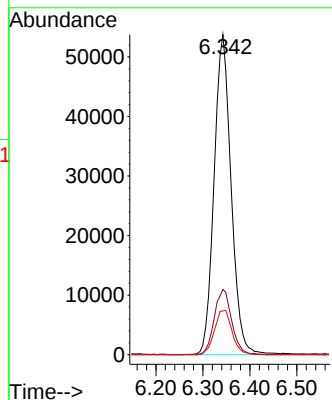
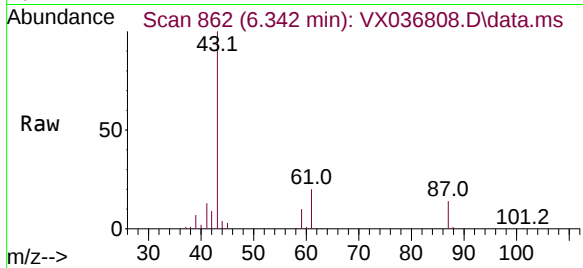




#43
Isopropyl Acetate
Concen: 26.816 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036808.D
Acq: 04 Aug 2023 14:19

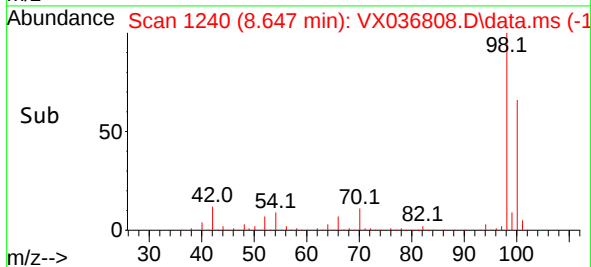
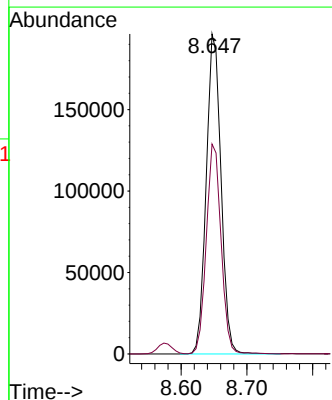
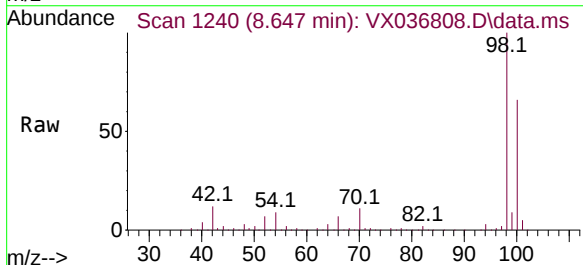
Instrument :
MSVOA_X
ClientSampleId :
ZHC#06

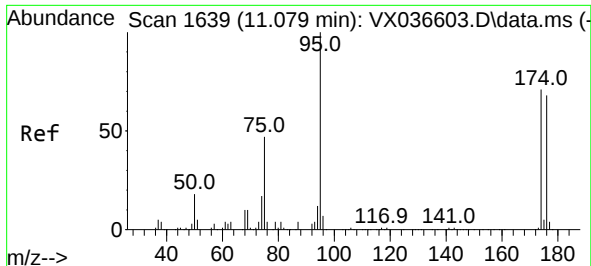
Tgt Ion: 43 Resp: 135425
Ion Ratio Lower Upper
43 100
61 20.8 15.2 22.8
87 14.3 9.8 14.6



#50
Toluene-d8
Concen: 49.756 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036808.D
Acq: 04 Aug 2023 14:19

Tgt Ion: 98 Resp: 306854
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.206 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036808.D

Acq: 04 Aug 2023 14:19

Instrument :

MSVOA_X

ClientSampleId :

ZHC#06

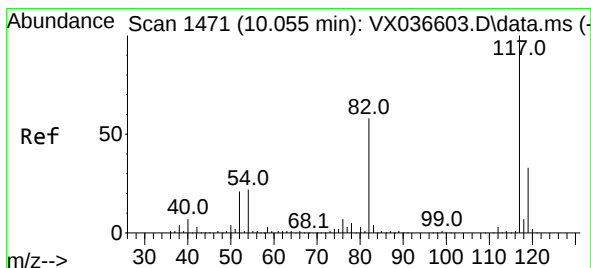
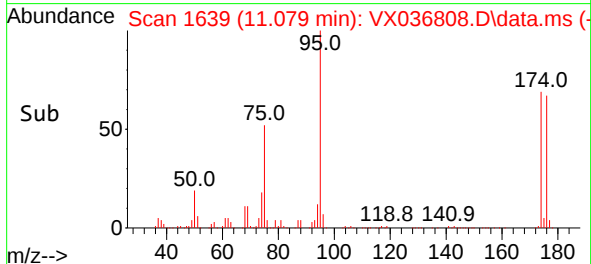
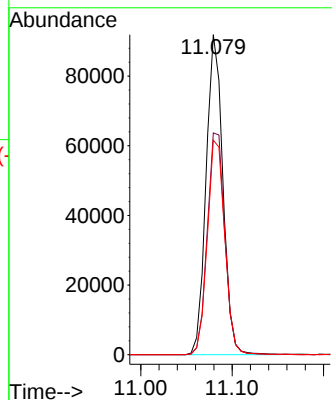
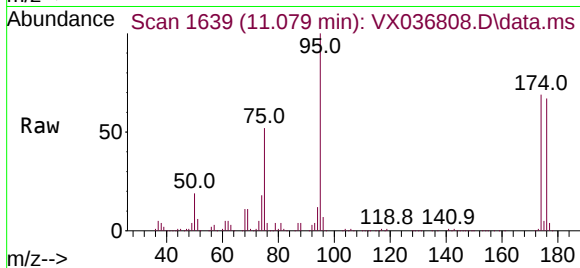
Tgt Ion: 95 Resp: 116818

Ion Ratio Lower Upper

95 100

174 72.6 0.0 135.6

176 69.8 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036808.D

Acq: 04 Aug 2023 14:19

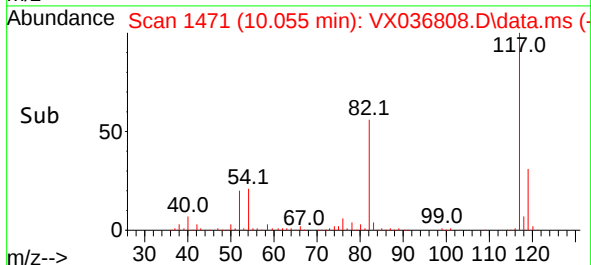
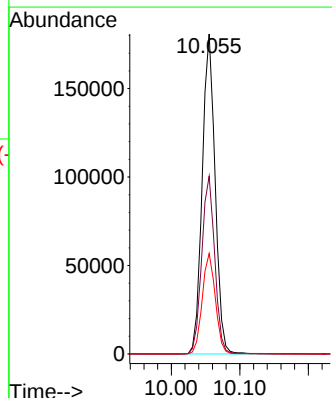
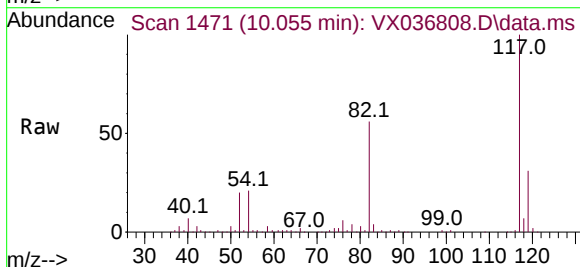
Tgt Ion: 117 Resp: 237493

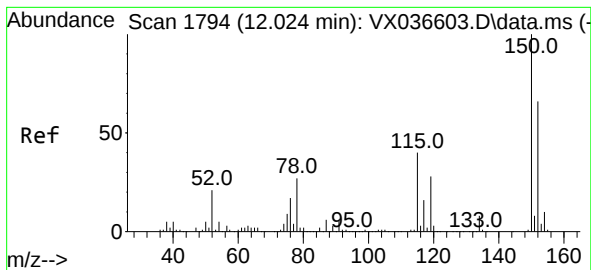
Ion Ratio Lower Upper

117 100

82 55.6 46.2 69.4

119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036808.D

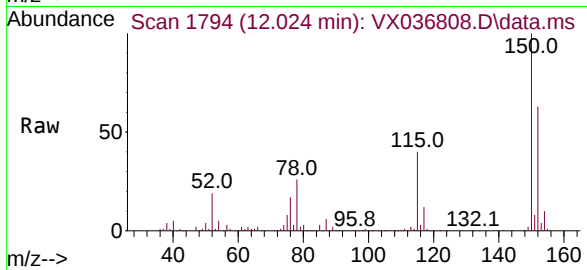
Acq: 04 Aug 2023 14:19

Instrument :

MSVOA_X

ClientSampleId :

ZHC#06



Tgt Ion:152 Resp: 105578

Ion Ratio Lower Upper

152 100

115 64.0 43.3 129.9

150 160.4 0.0 345.0

