

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036804.D
 Acq On : 04 Aug 2023 12:43
 Operator : JC/MD
 Sample : ZHC#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#02

Quant Time: Aug 05 00:09:41 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)

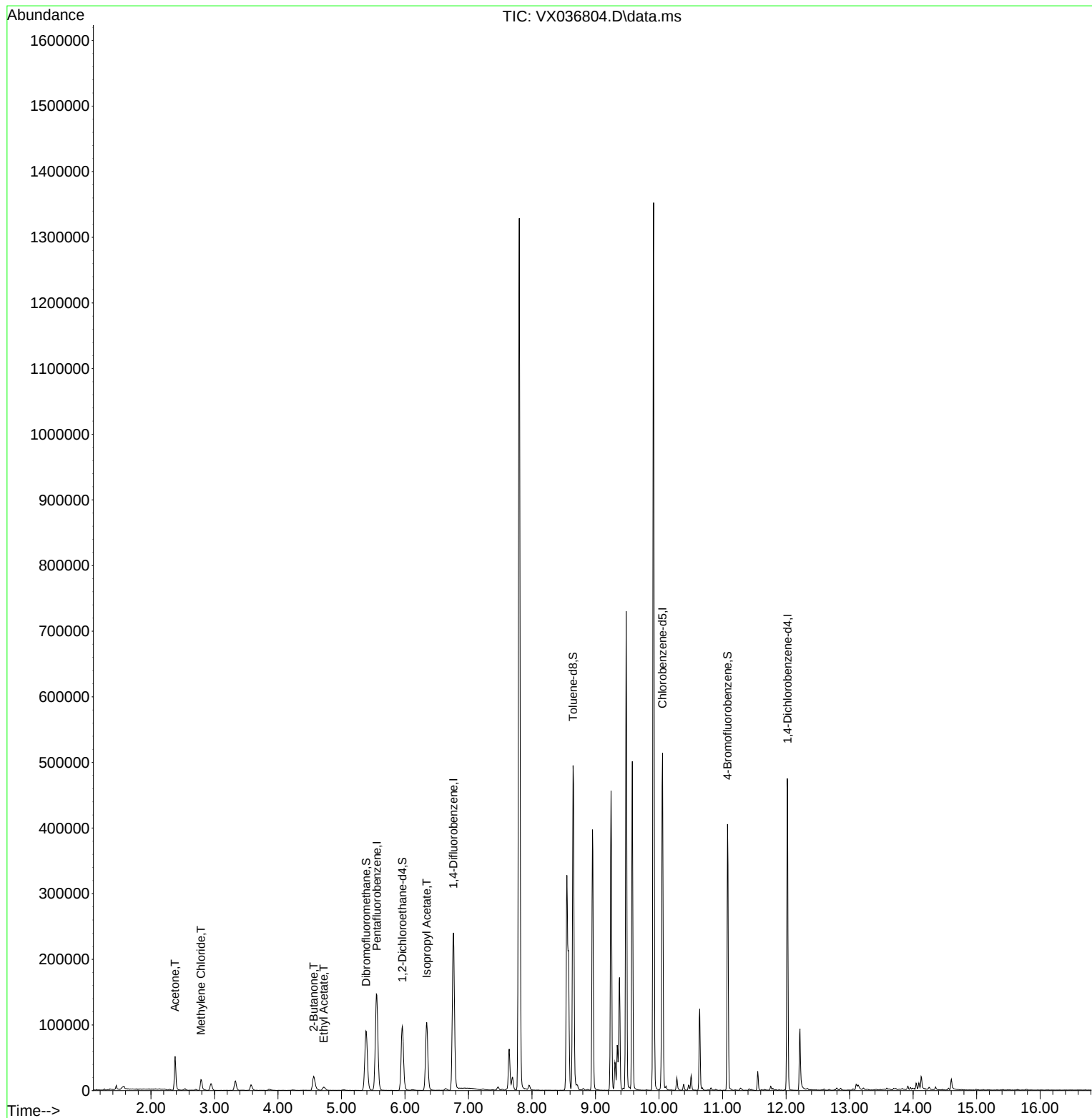
Internal Standards						
1) Pentafluorobenzene	5.556	168	136115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95787	47.560	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.120%
35) Dibromofluoromethane	5.385	113	80096	46.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	8.647	98	296638	48.993	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.980%
62) 4-Bromofluorobenzene	11.079	95	107684	47.140	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.280%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	54569	65.294	ug/l	91
20) Methylene Chloride	2.788	84	8860	4.767	ug/l	95
25) 2-Butanone	4.562	43	30508	22.499	ug/l	94
37) Ethyl Acetate	4.721	43	8959	3.110	ug/l #	97
43) Isopropyl Acetate	6.342	43	143011	28.844	ug/l	95

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

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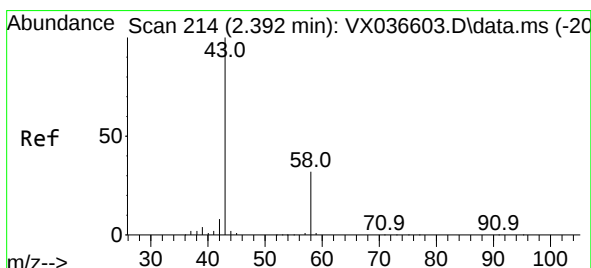
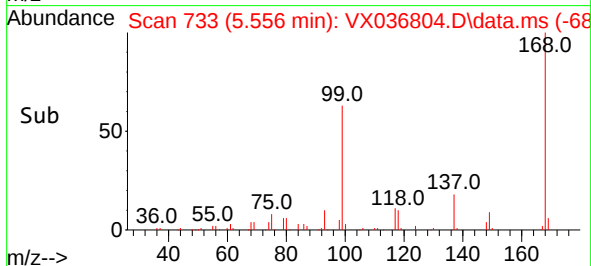
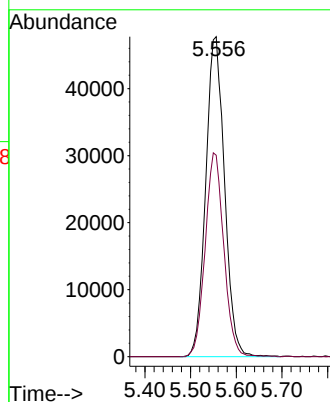
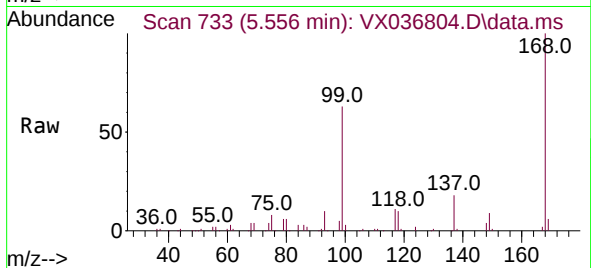




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036804.D
Acq: 04 Aug 2023 12:43

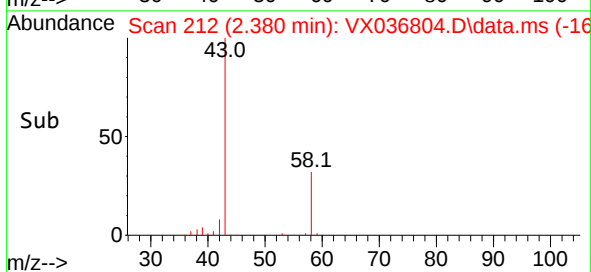
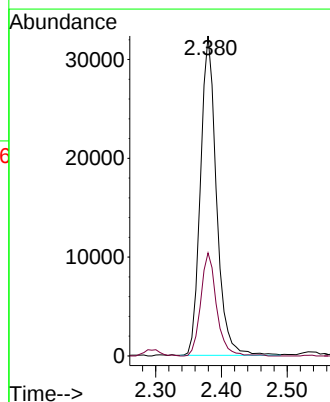
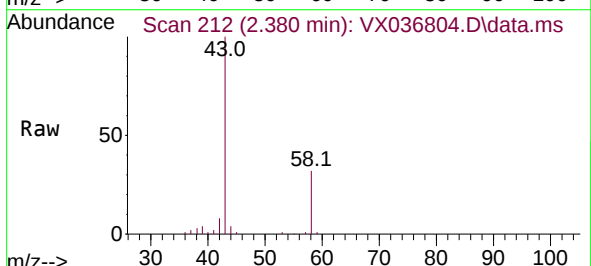
Instrument :
MSVOA_X
ClientSampleId :
ZHC#02

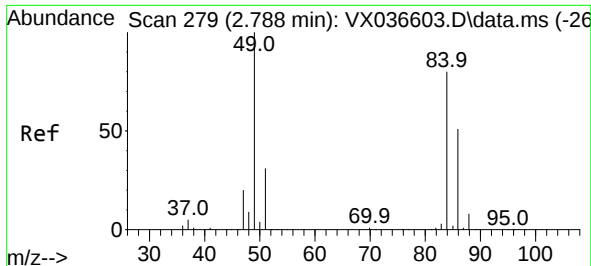
Tgt Ion:168 Resp: 136115
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#16
Acetone
Concen: 65.294 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036804.D
Acq: 04 Aug 2023 12:43

Tgt Ion: 43 Resp: 54569
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9

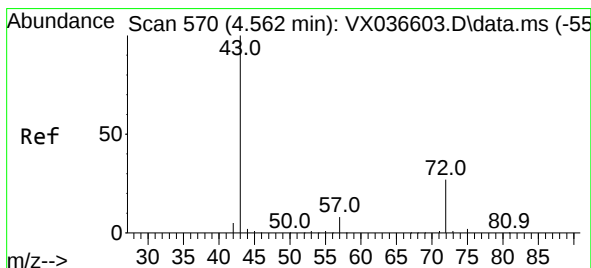
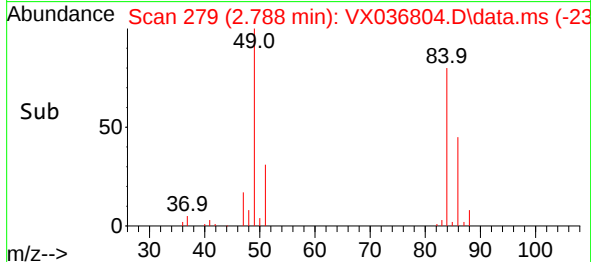
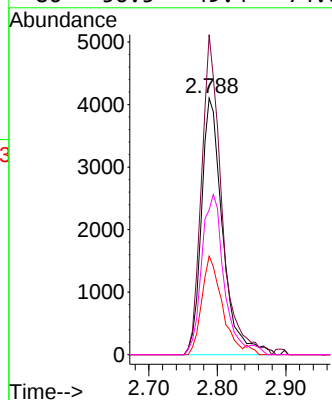
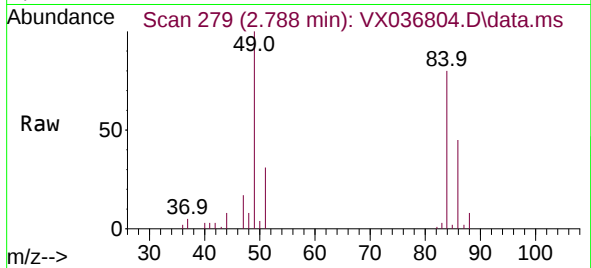




#20
Methylene Chloride
Concen: 4.767 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036804.D
Acq: 04 Aug 2023 12:43

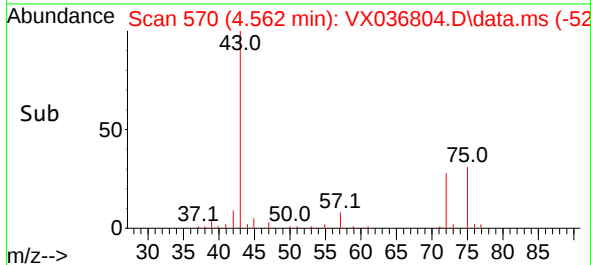
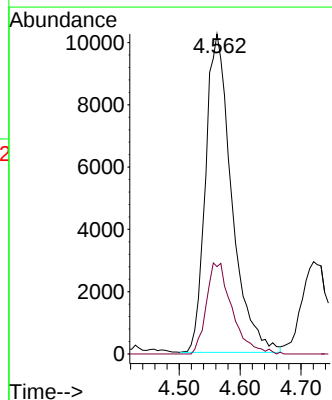
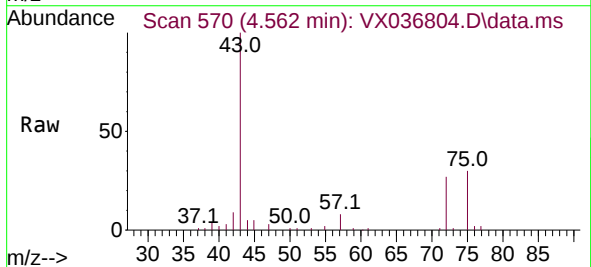
Instrument :
MSVOA_X
ClientSampleId :
ZHC#02

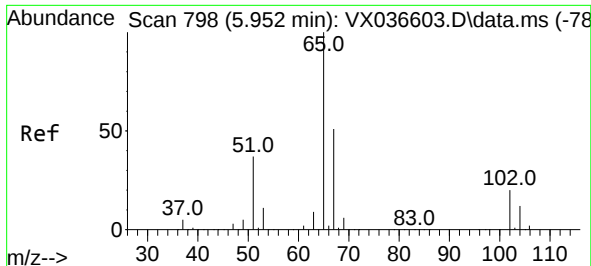
Tgt Ion:	84	Resp:	8860
Ion	Ratio	Lower	Upper
84	100		
49	124.7	103.6	155.4
51	38.4	33.8	50.6
86	56.5	49.4	74.0



#25
2-Butanone
Concen: 22.499 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX036804.D
Acq: 04 Aug 2023 12:43

Tgt Ion:	43	Resp:	30508
Ion	Ratio	Lower	Upper
43	100		
72	27.4	19.4	29.2

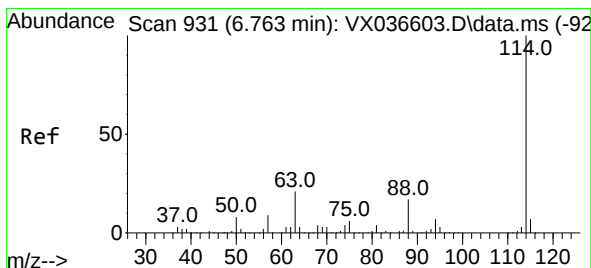
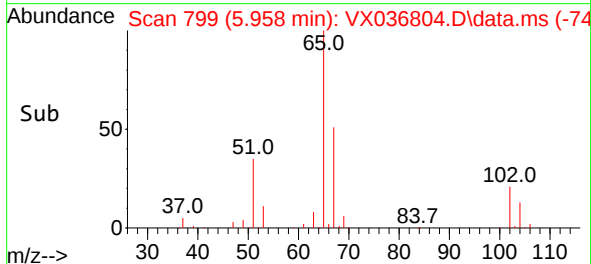
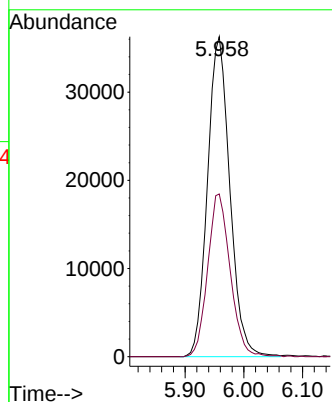
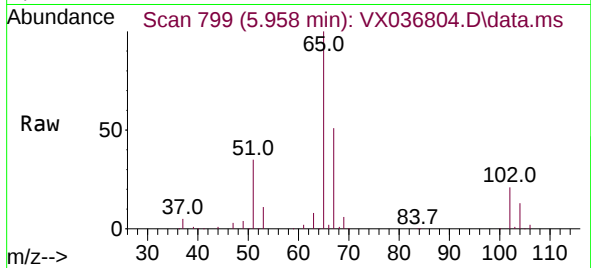




#33
 1,2-Dichloroethane-d4
 Concen: 47.560 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036804.D
 Acq: 04 Aug 2023 12:43

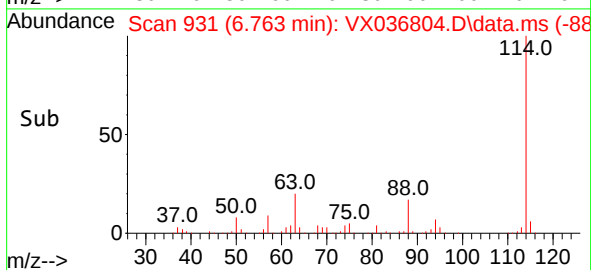
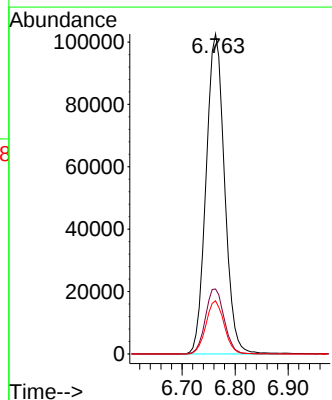
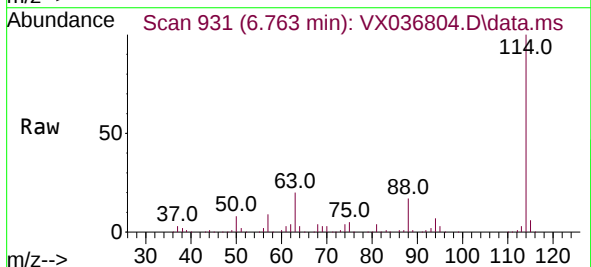
Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#02

Tgt Ion: 65 Resp: 95787
 Ion Ratio Lower Upper
 65 100
 67 51.3 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: VX036804.D
 Acq: 04 Aug 2023 12:43

Tgt Ion: 114 Resp: 248399
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.0
 88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.912 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036804.D

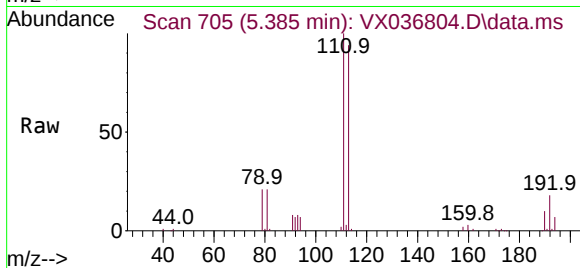
Acq: 04 Aug 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

ZHC#02



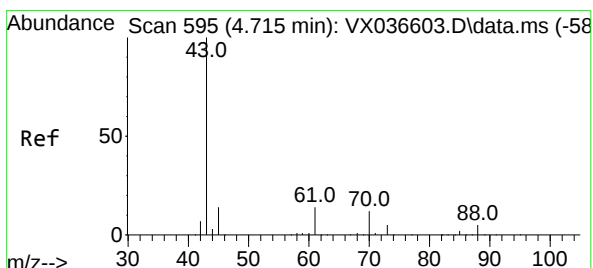
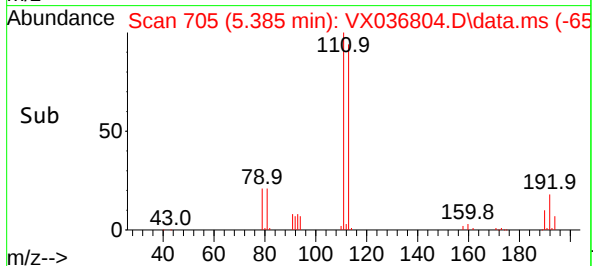
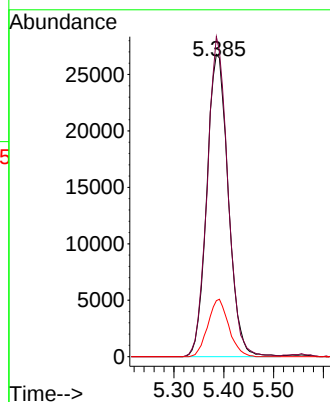
Tgt Ion:113 Resp: 80096

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 18.5 13.3 19.9



#37

Ethyl Acetate

Concen: 3.110 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX036804.D

Acq: 04 Aug 2023 12:43

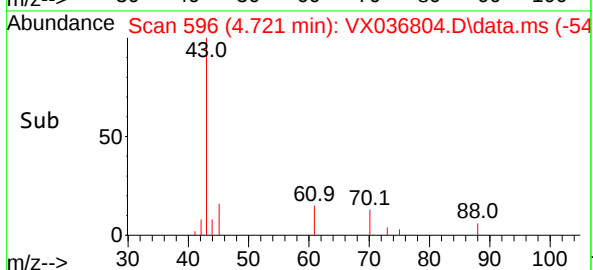
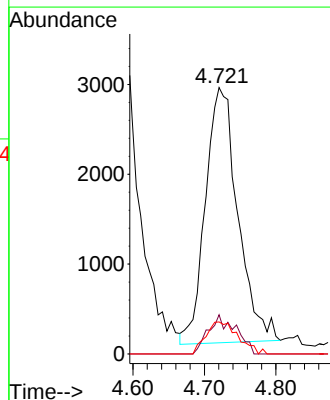
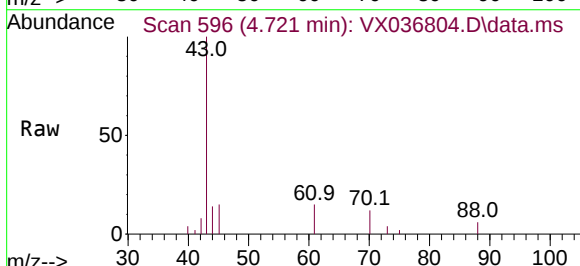
Tgt Ion: 43 Resp: 8959

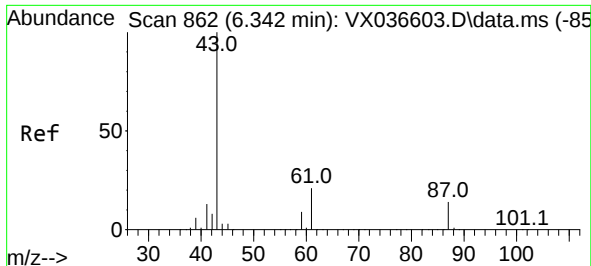
Ion Ratio Lower Upper

43 100

61 13.0 10.6 16.0

70 12.6 8.3 12.5

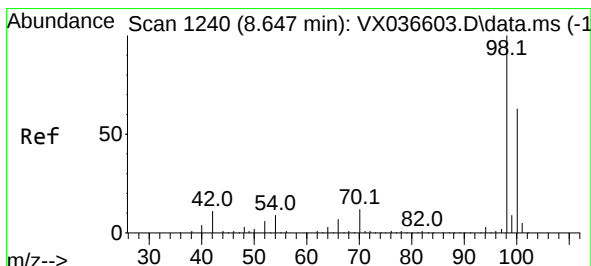
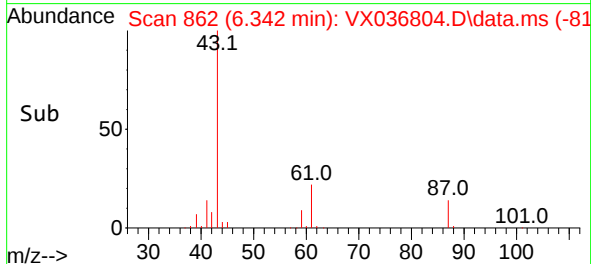
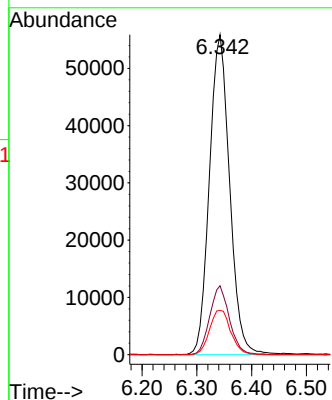
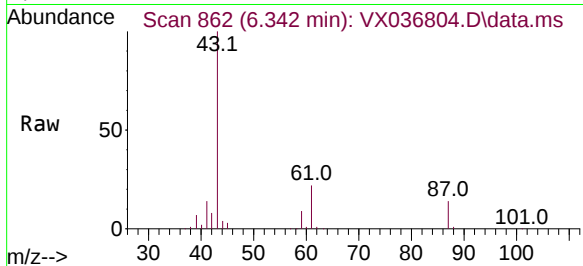




#43
Isopropyl Acetate
Concen: 28.844 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036804.D
Acq: 04 Aug 2023 12:43

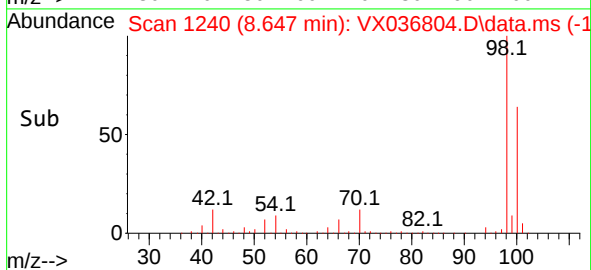
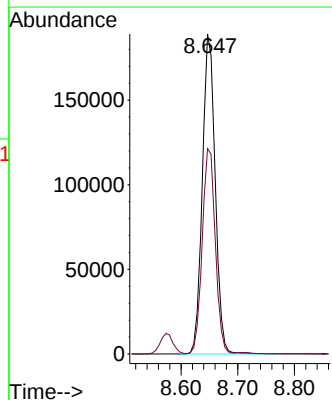
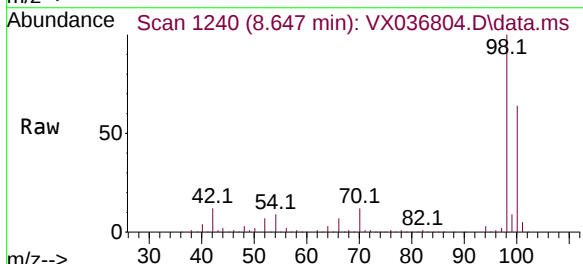
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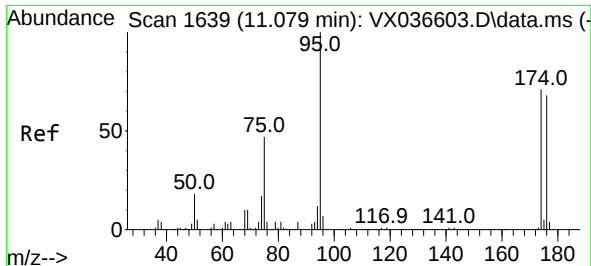
Tgt Ion: 43 Resp: 143011
Ion Ratio Lower Upper
43 100
61 20.9 15.2 22.8
87 14.5 9.8 14.6



#50
Toluene-d8
Concen: 48.993 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036804.D
Acq: 04 Aug 2023 12:43

Tgt Ion: 98 Resp: 296638
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7

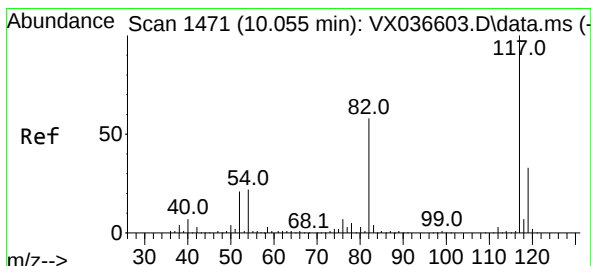
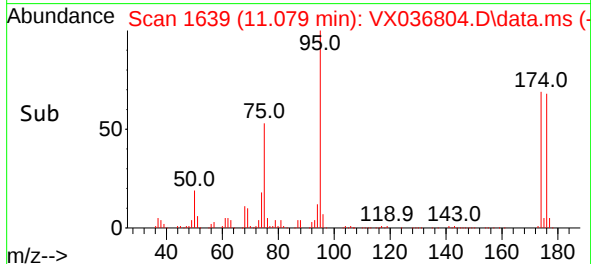
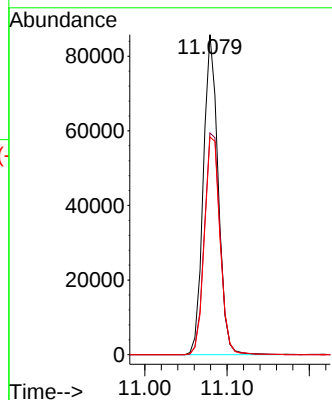
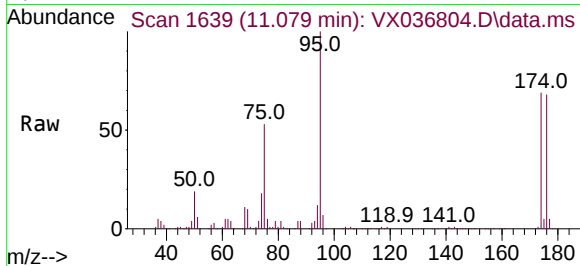




#62
4-Bromofluorobenzene
Concen: 47.140 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036804.D
Acq: 04 Aug 2023 12:43

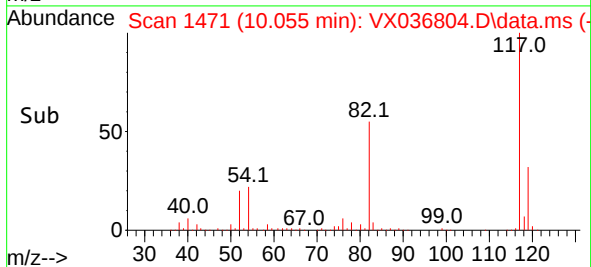
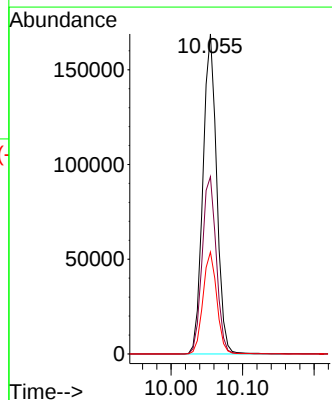
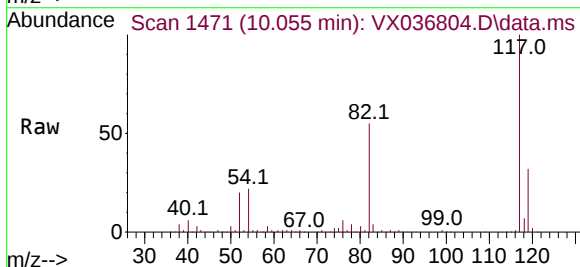
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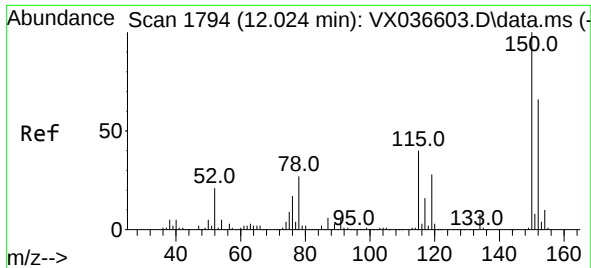
Tgt Ion: 95 Resp: 107684
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036804.D
Acq: 04 Aug 2023 12:43

Tgt Ion: 117 Resp: 225772
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 31.9 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: VX036804.D

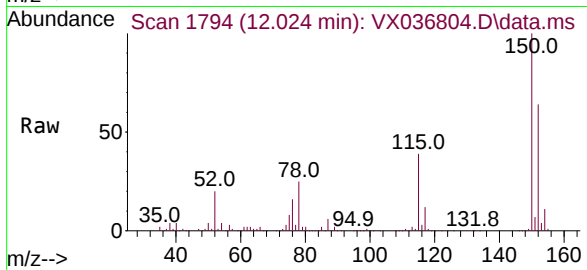
Acq: 04 Aug 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

ZHC#02



Tgt Ion:152 Resp: 95473

Ion Ratio Lower Upper

152 100

115 62.6 43.3 129.9

150 158.3 0.0 345.0

