

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036813.D
 Acq On : 04 Aug 2023 16:19
 Operator : JC/MD
 Sample : ZHC#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#11

Quant Time: Aug 05 00:13:33 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)

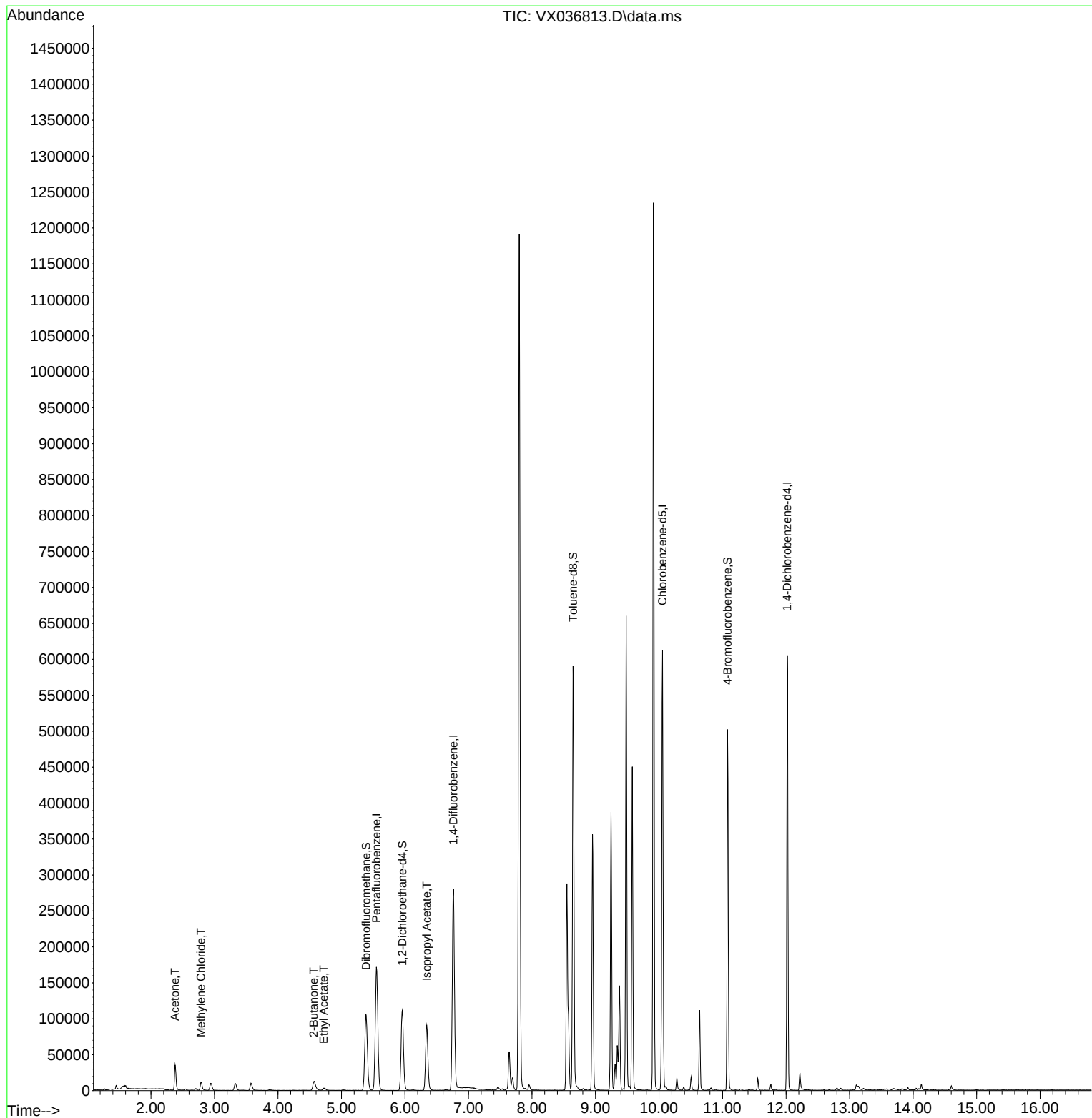
Internal Standards						
1) Pentafluorobenzene	5.550	168	157439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287532	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108753	46.684	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.360%
35) Dibromofluoromethane	5.385	113	92648	46.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.760%
50) Toluene-d8	8.647	98	345693	49.325	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.640%
62) 4-Bromofluorobenzene	11.079	95	132135	49.972	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.940%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	37841	39.146	ug/l	92
20) Methylene Chloride	2.788	84	6324	2.942	ug/l	95
25) 2-Butanone	4.562	43	17229	10.985	ug/l	94
37) Ethyl Acetate	4.721	43	5424	1.627	ug/l #	83
43) Isopropyl Acetate	6.342	43	125901	21.937	ug/l	95

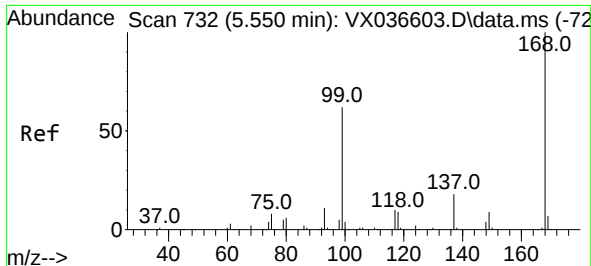
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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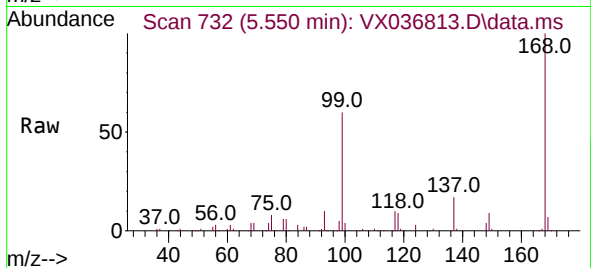
Quant Time: Aug 05 00:13:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



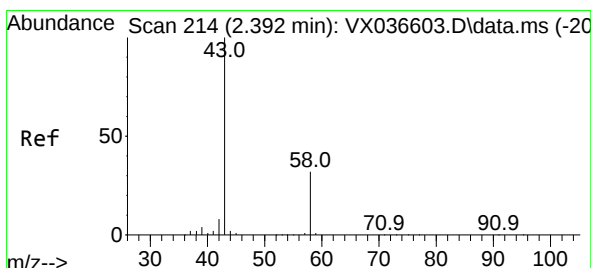
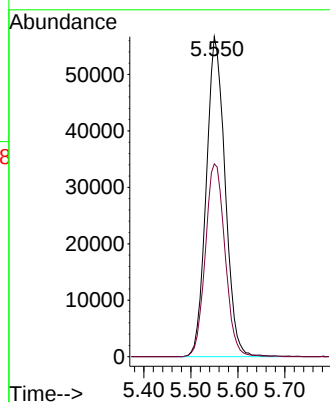
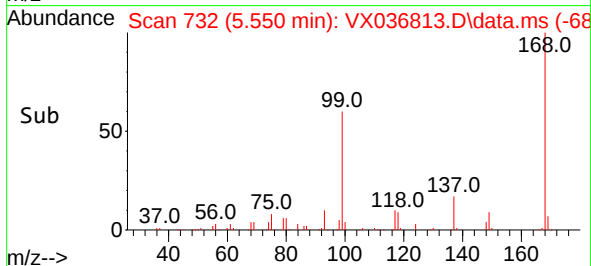


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036813.D
Acq: 04 Aug 2023 16:19

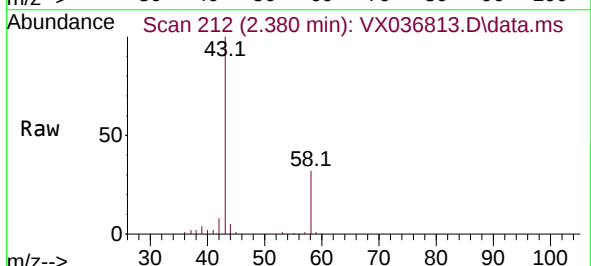
Instrument :
MSVOA_X
ClientSampleId :
ZHC#11



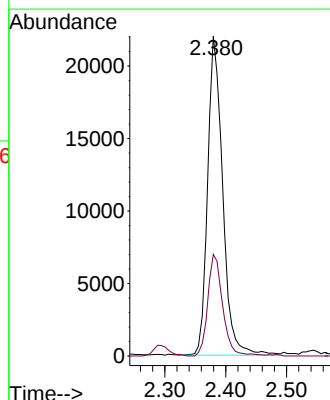
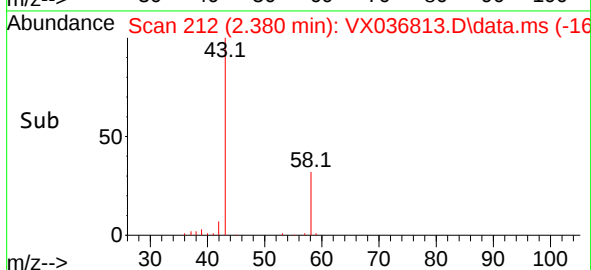
Tgt Ion:168 Resp: 157439
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0

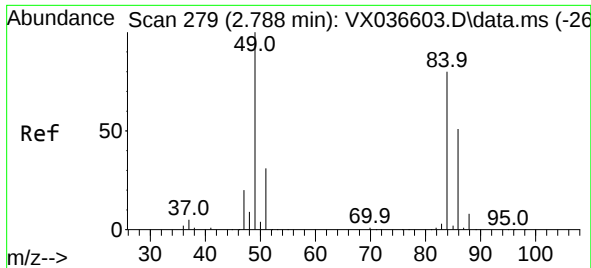


#16
Acetone
Concen: 39.146 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036813.D
Acq: 04 Aug 2023 16:19



Tgt Ion: 43 Resp: 37841
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9

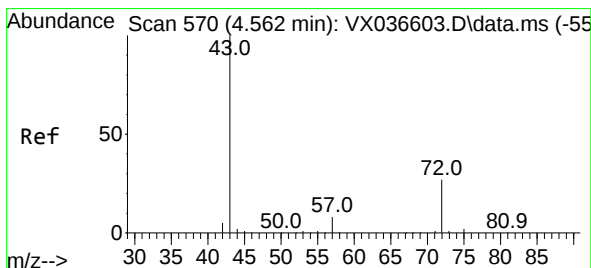
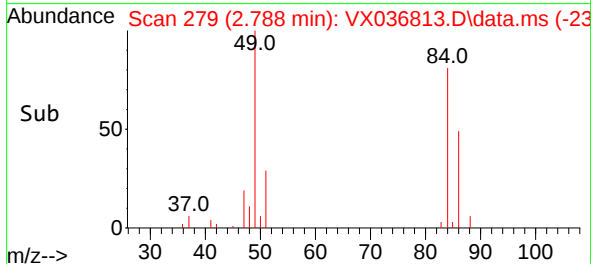
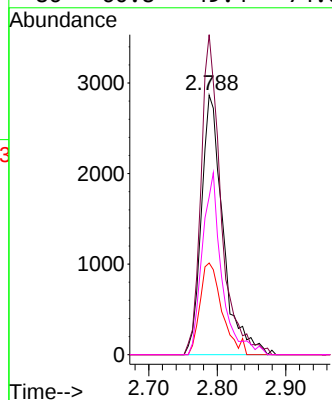
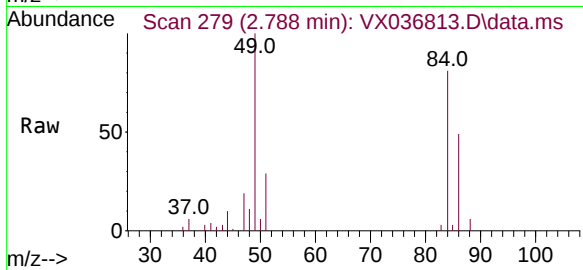




#20
Methylene Chloride
Concen: 2.942 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036813.D
Acq: 04 Aug 2023 16:19

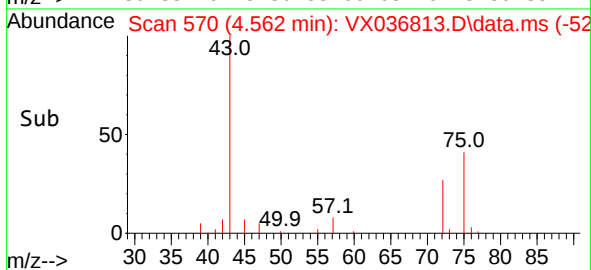
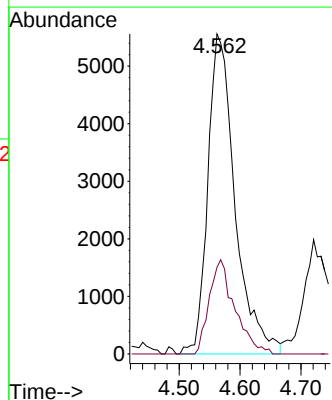
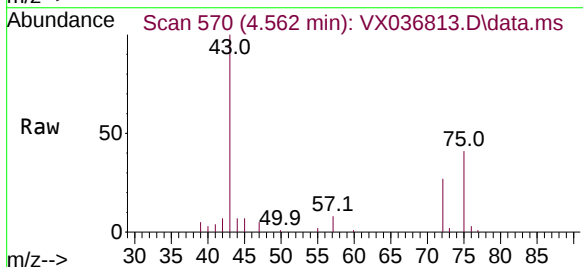
Instrument :
MSVOA_X
ClientSampleId :
ZHC#11

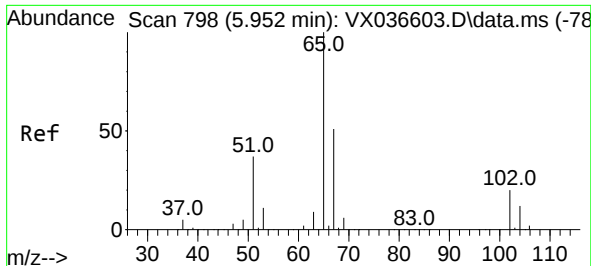
Tgt Ion:	84	Resp:	6324
Ion	Ratio	Lower	Upper
84	100		
49	123.3	103.6	155.4
51	35.3	33.8	50.6
86	60.8	49.4	74.0



#25
2-Butanone
Concen: 10.985 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX036813.D
Acq: 04 Aug 2023 16:19

Tgt Ion:	43	Resp:	17229
Ion	Ratio	Lower	Upper
43	100		
72	27.1	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 46.684 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036813.D

Acq: 04 Aug 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

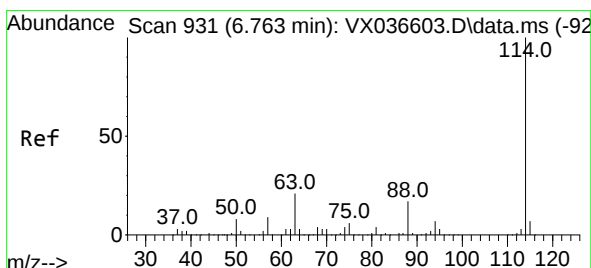
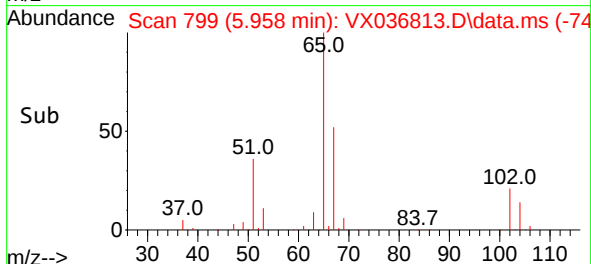
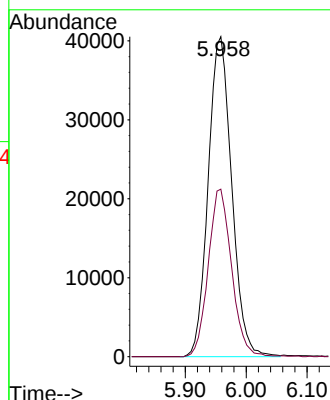
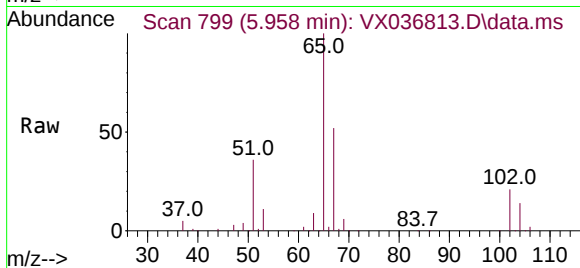
ZHC#11

Tgt Ion: 65 Resp: 108753

Ion Ratio Lower Upper

65 100

67 51.9 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: VX036813.D

Acq: 04 Aug 2023 16:19

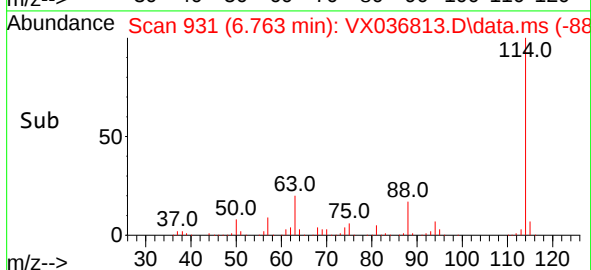
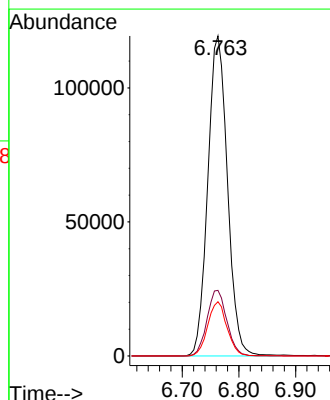
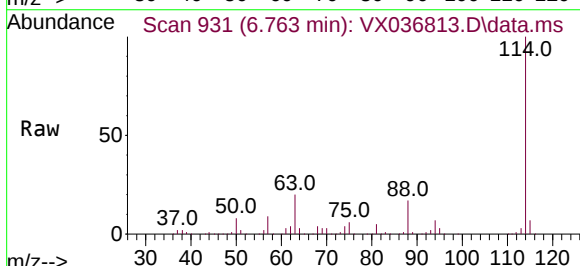
Tgt Ion: 114 Resp: 287532

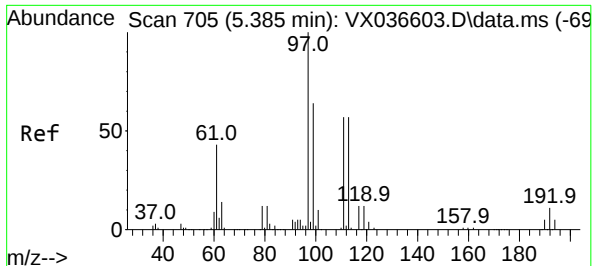
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 16.9 0.0 36.6

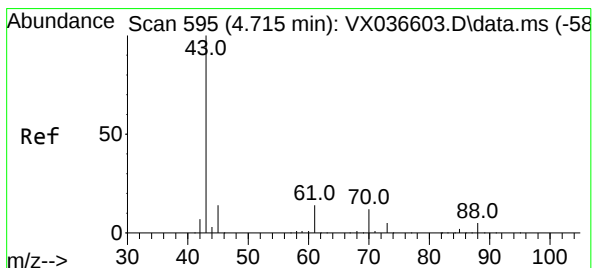
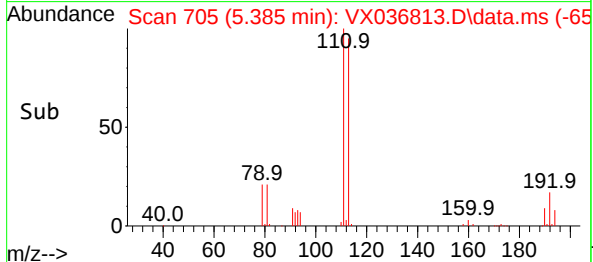
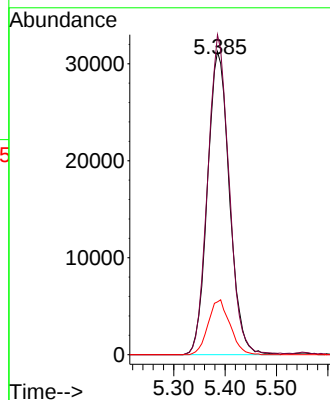
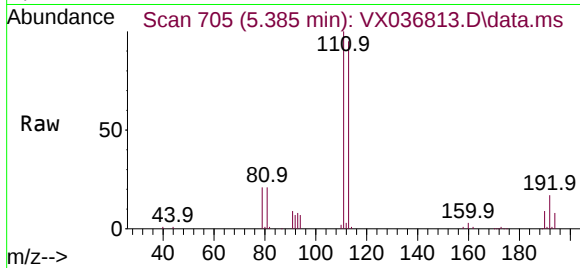




#35
Dibromofluoromethane
Concen: 46.879 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036813.D
Acq: 04 Aug 2023 16:19

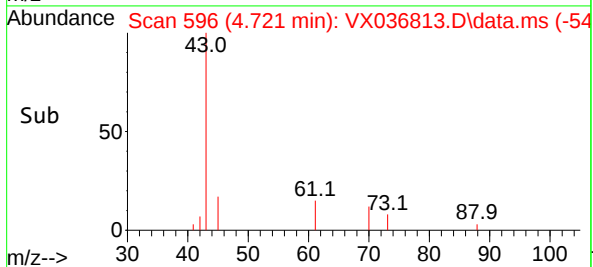
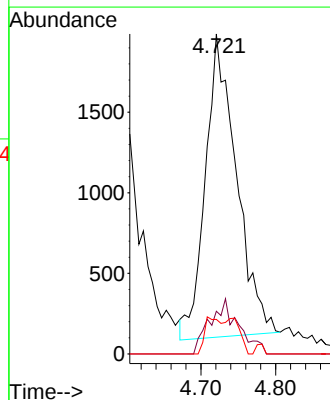
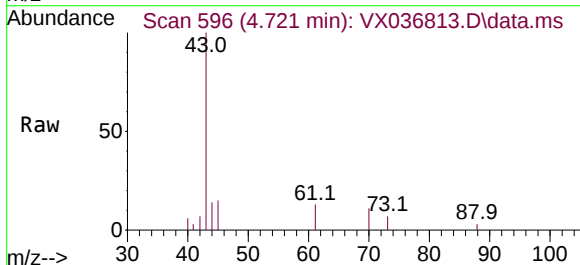
Instrument :
MSVOA_X
ClientSampleId :
ZHC#11

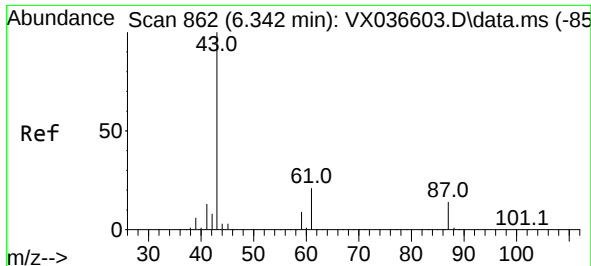
Tgt Ion:113 Resp: 92648
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.0 13.3 19.9



#37
Ethyl Acetate
Concen: 1.627 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX036813.D
Acq: 04 Aug 2023 16:19

Tgt Ion: 43 Resp: 5424
Ion Ratio Lower Upper
43 100
61 16.9 10.6 16.0#
70 0.0 8.3 12.5#

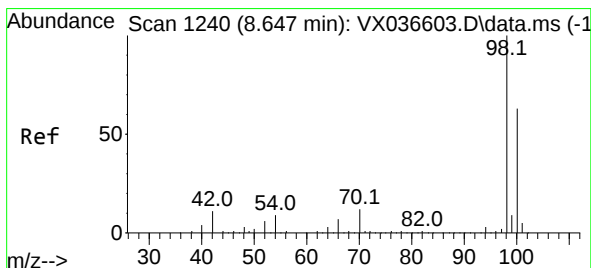
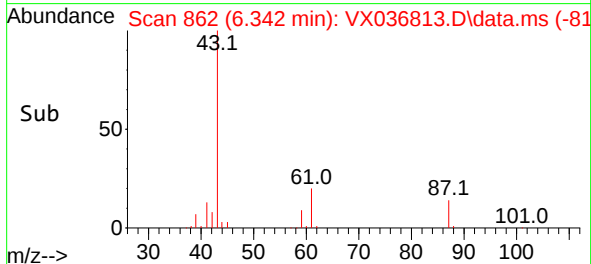
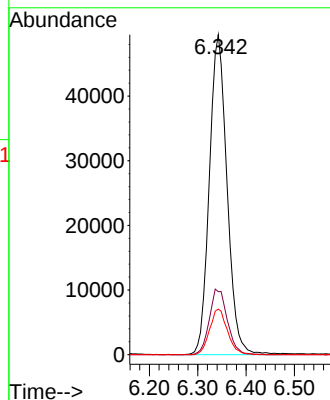
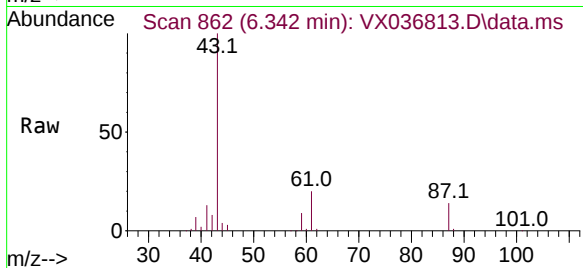




#43
Isopropyl Acetate
Concen: 21.937 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036813.D
Acq: 04 Aug 2023 16:19

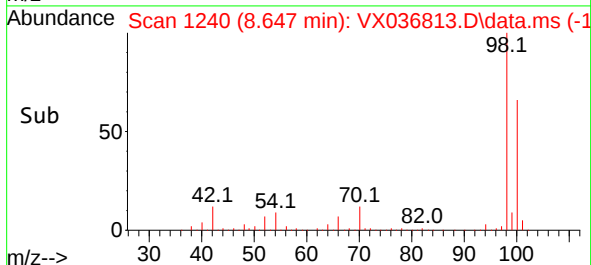
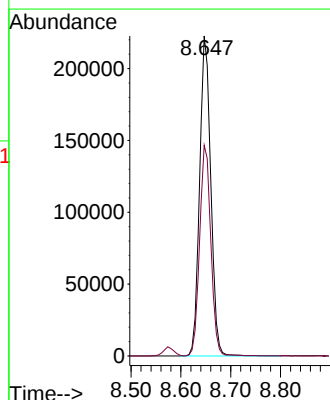
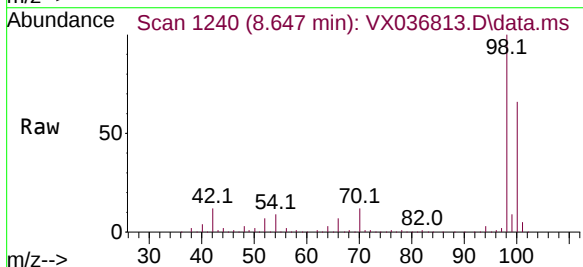
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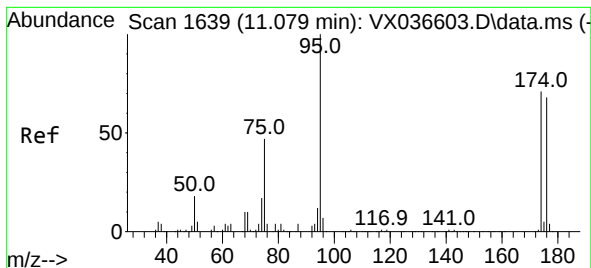
Tgt Ion: 43 Resp: 125901
Ion Ratio Lower Upper
43 100
61 20.8 15.2 22.8
87 14.2 9.8 14.6



#50
Toluene-d8
Concen: 49.325 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036813.D
Acq: 04 Aug 2023 16:19

Tgt Ion: 98 Resp: 345693
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

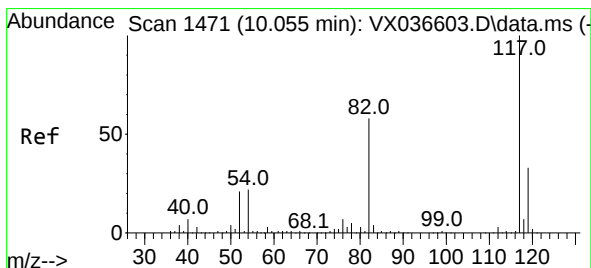
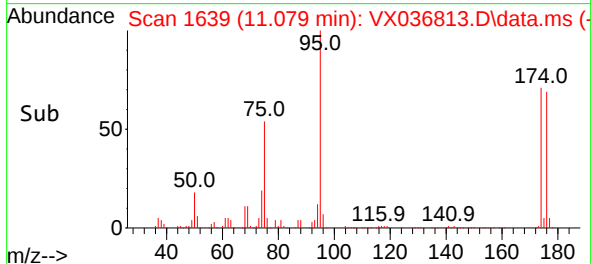
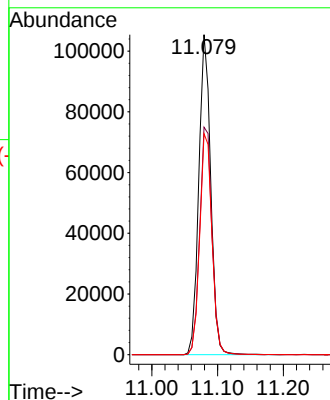
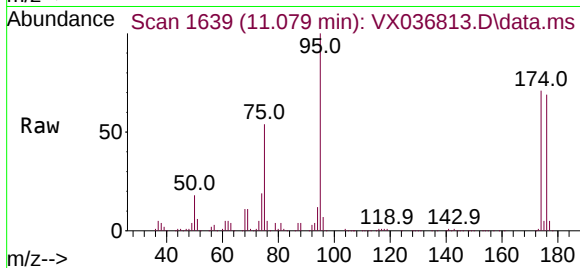




#62
4-Bromofluorobenzene
Concen: 49.972 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036813.D
Acq: 04 Aug 2023 16:19

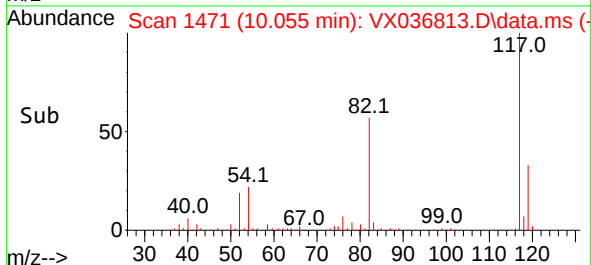
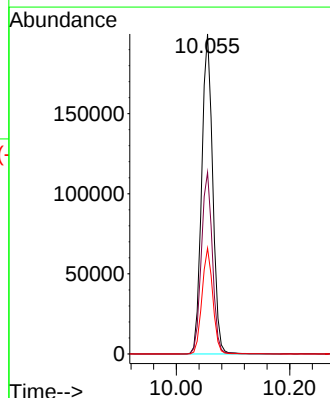
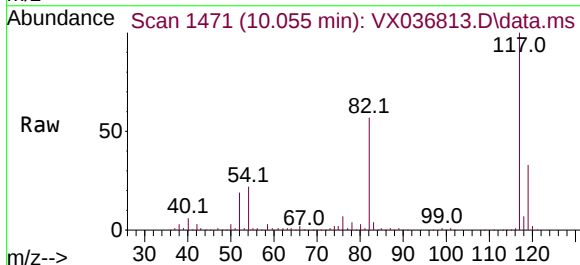
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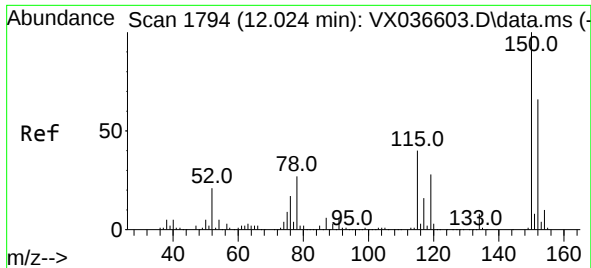
Tgt Ion: 95 Resp: 132135
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 71.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036813.D
Acq: 04 Aug 2023 16:19

Tgt Ion: 117 Resp: 269406
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 33.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036813.D

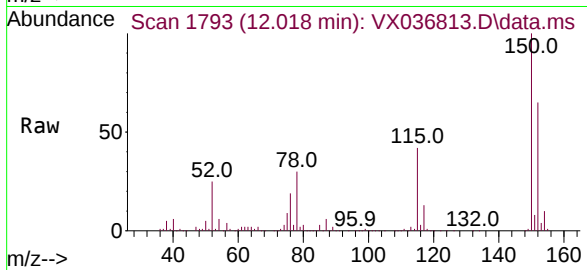
Acq: 04 Aug 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

ZHC#11



Tgt Ion:152 Resp: 121694

Ion Ratio Lower Upper

152 100

115 63.0 43.3 129.9

150 156.6 0.0 345.0

