

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036812.D
 Acq On : 04 Aug 2023 15:55
 Operator : JC/MD
 Sample : ZHC#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#10

Quant Time: Aug 05 00:12:57 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)

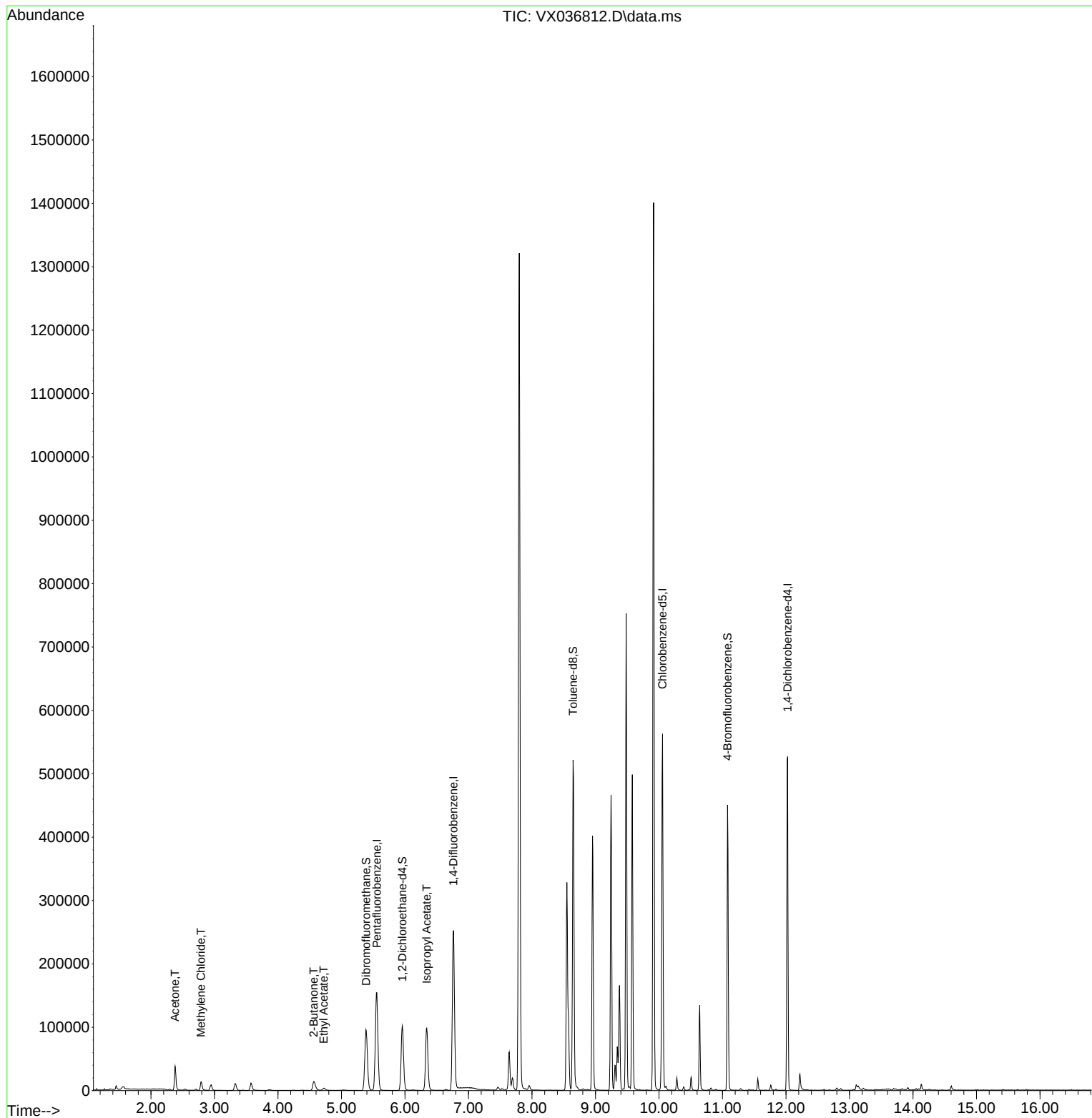
Internal Standards						
1) Pentafluorobenzene	5.556	168	142031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100713	47.923	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.840%
35) Dibromofluoromethane	5.385	113	83577	46.440	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.880%
50) Toluene-d8	8.647	98	313086	49.057	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.120%
62) 4-Bromofluorobenzene	11.079	95	119064	49.449	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.900%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	41399	47.472	ug/l	94
20) Methylene Chloride	2.788	84	6991	3.605	ug/l	91
25) 2-Butanone	4.562	43	17820	12.595	ug/l	96
37) Ethyl Acetate	4.721	43	7263	2.392	ug/l	97
43) Isopropyl Acetate	6.342	43	139617	26.715	ug/l	95

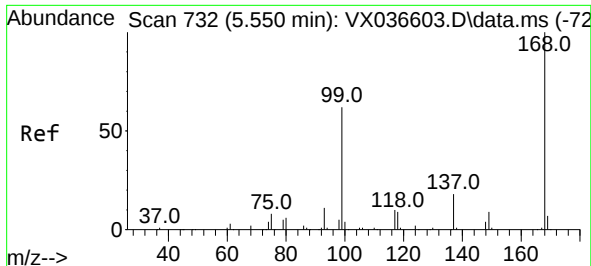
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

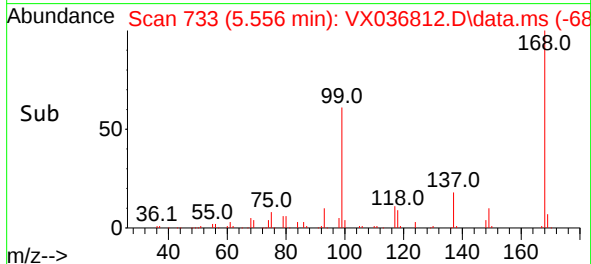
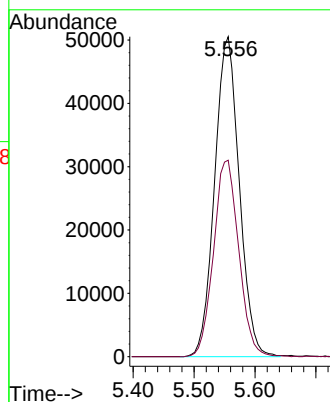
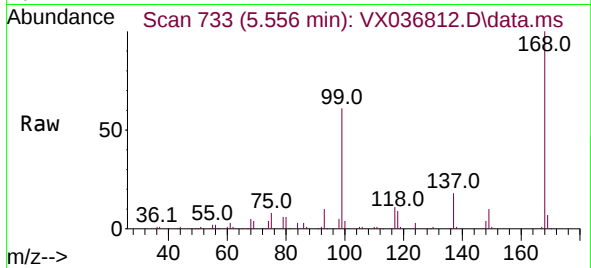




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036812.D
Acq: 04 Aug 2023 15:55

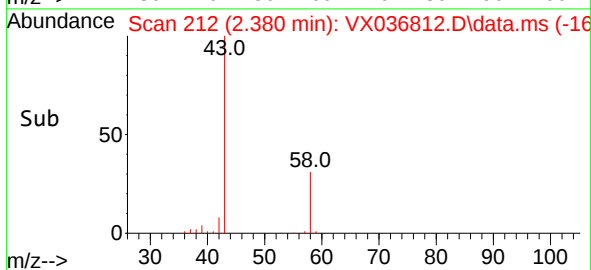
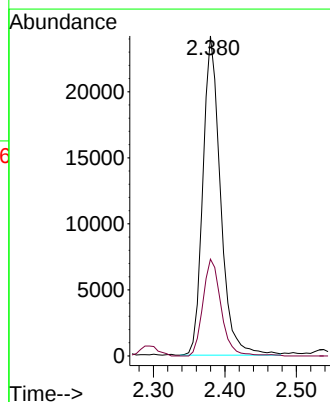
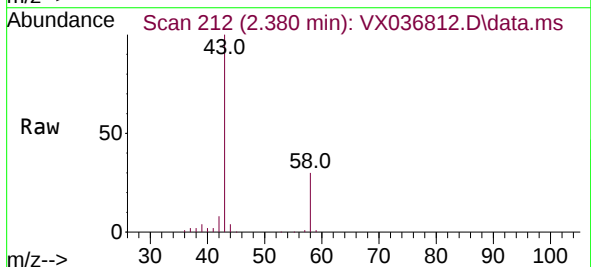
Instrument :
MSVOA_X
ClientSampleId :
ZHC#10

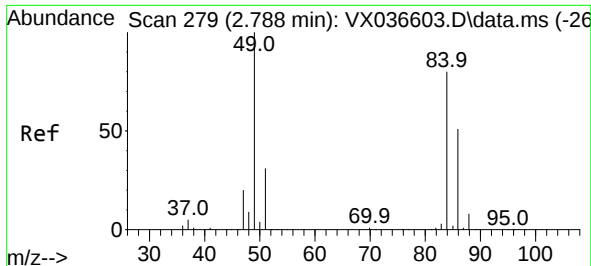
Tgt Ion:168 Resp: 142031
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#16
Acetone
Concen: 47.472 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036812.D
Acq: 04 Aug 2023 15:55

Tgt Ion: 43 Resp: 41399
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9

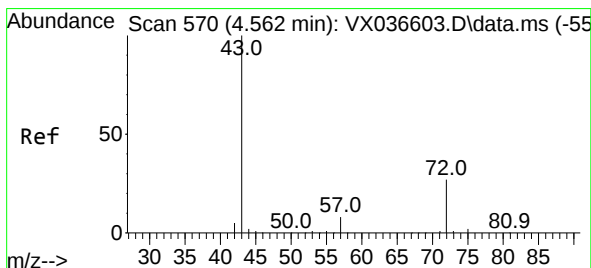
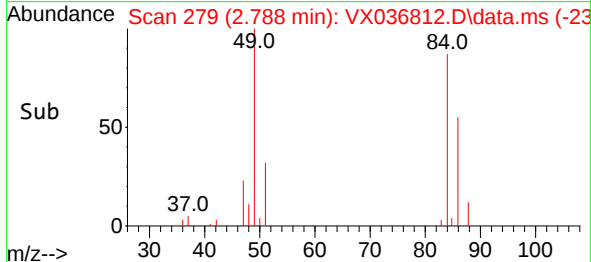
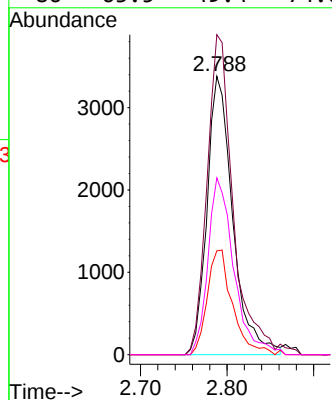
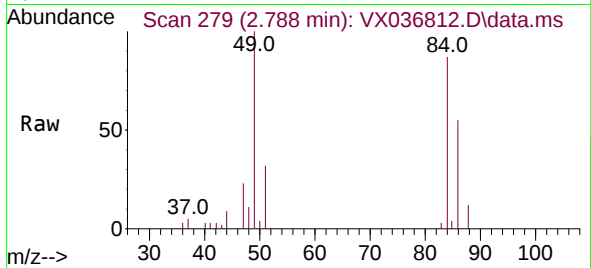




#20
Methylene Chloride
Concen: 3.605 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036812.D
Acq: 04 Aug 2023 15:55

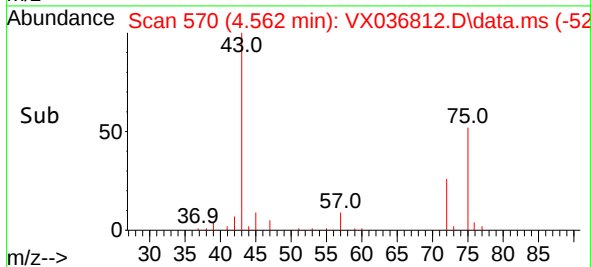
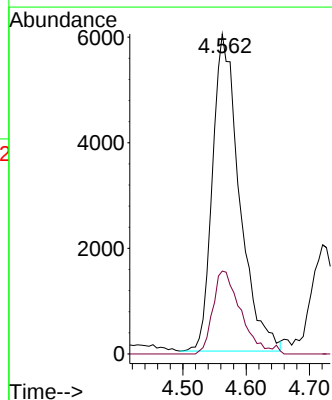
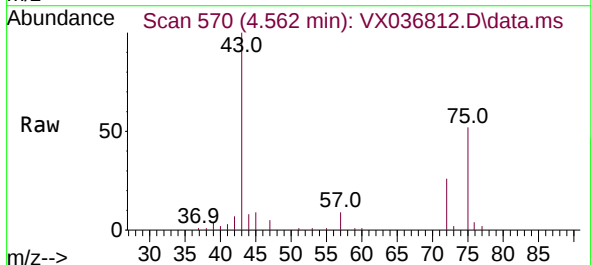
Instrument :
MSVOA_X
ClientSampleId :
ZHC#10

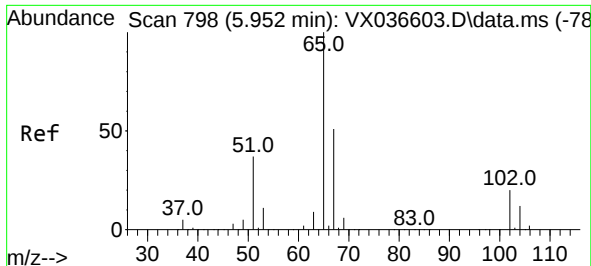
Tgt Ion:	84	Resp:	6991
Ion	Ratio	Lower	Upper
84	100		
49	114.9	103.6	155.4
51	37.3	33.8	50.6
86	63.5	49.4	74.0



#25
2-Butanone
Concen: 12.595 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX036812.D
Acq: 04 Aug 2023 15:55

Tgt Ion:	43	Resp:	17820
Ion	Ratio	Lower	Upper
43	100		
72	26.1	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 47.923 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036812.D

Acq: 04 Aug 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

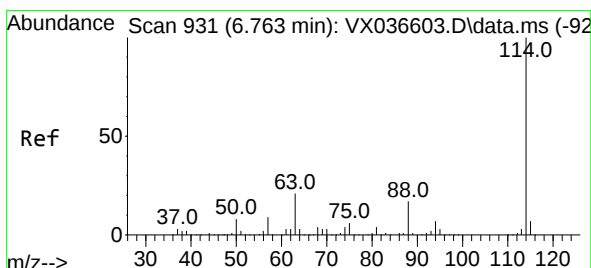
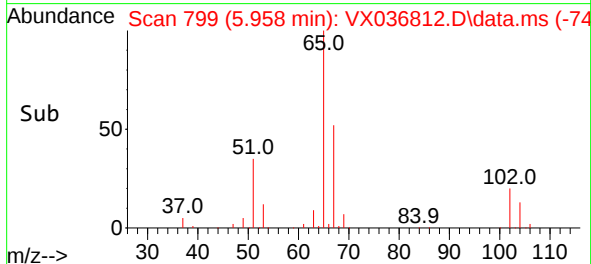
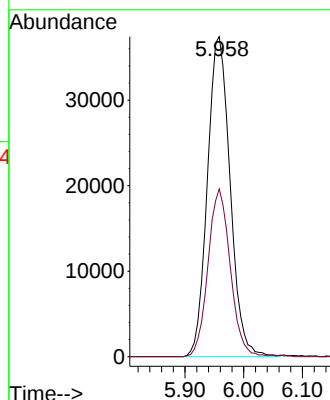
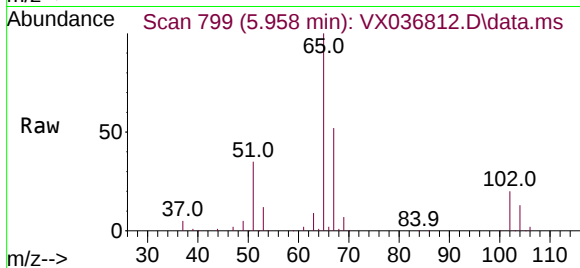
ZHC#10

Tgt Ion: 65 Resp: 100713

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: VX036812.D

Acq: 04 Aug 2023 15:55

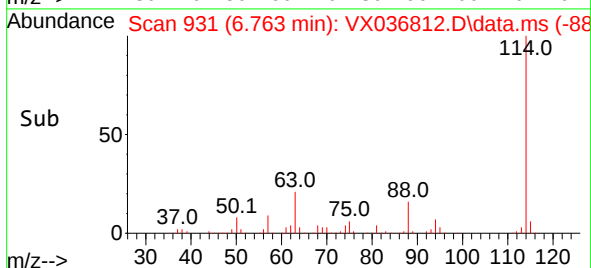
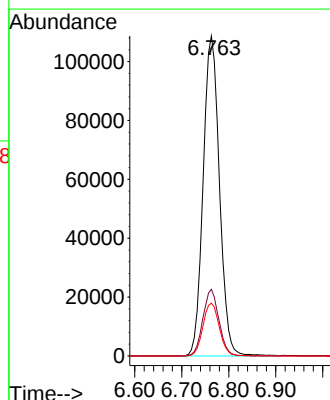
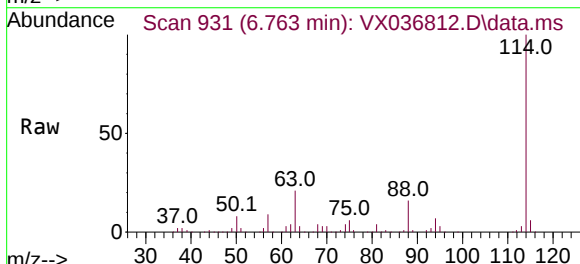
Tgt Ion: 114 Resp: 261829

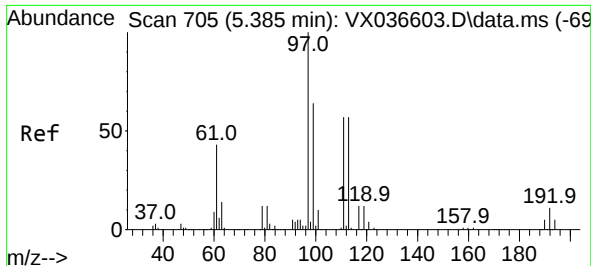
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 16.5 0.0 36.6

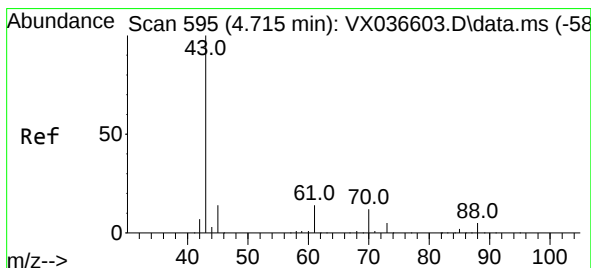
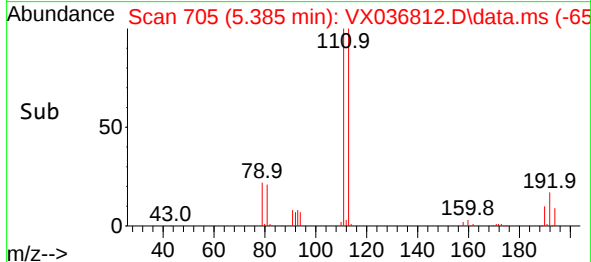
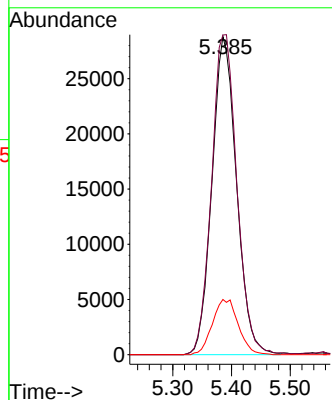
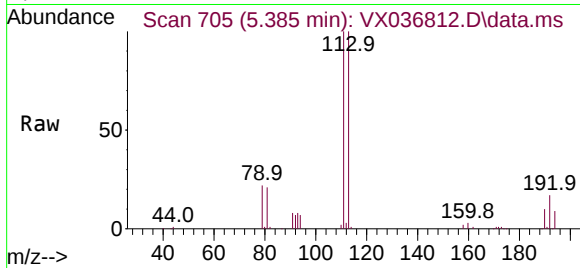




#35
Dibromofluoromethane
Concen: 46.440 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036812.D
Acq: 04 Aug 2023 15:55

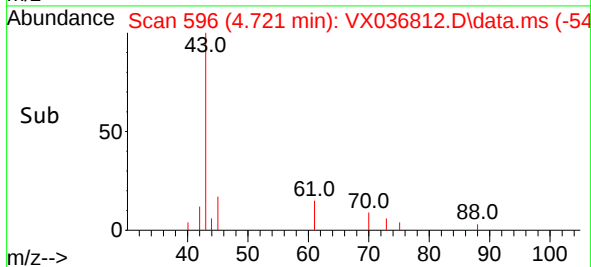
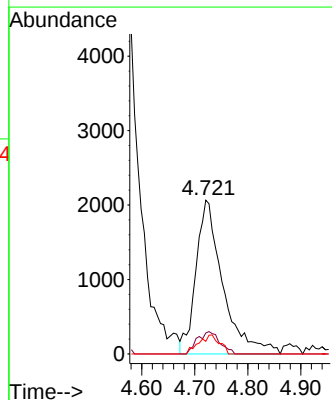
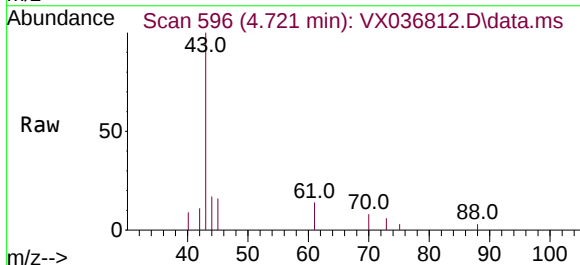
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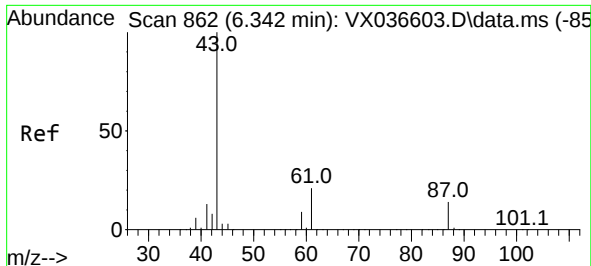
Tgt Ion:113 Resp: 83577
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 18.3 13.3 19.9



#37
Ethyl Acetate
Concen: 2.392 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX036812.D
Acq: 04 Aug 2023 15:55

Tgt Ion: 43 Resp: 7263
Ion Ratio Lower Upper
43 100
61 12.1 10.6 16.0
70 9.5 8.3 12.5

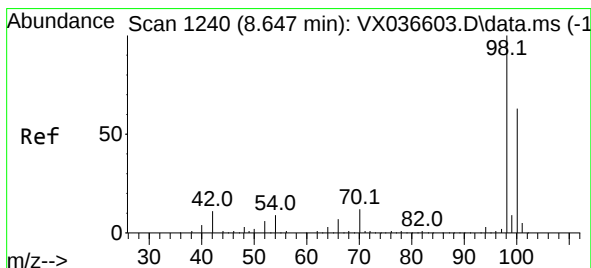
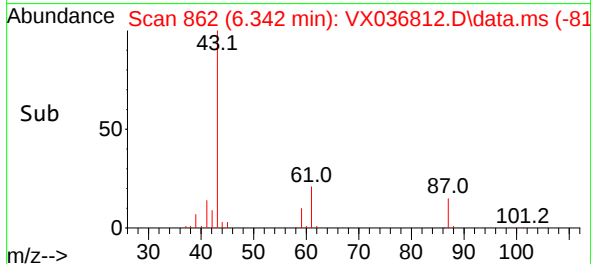
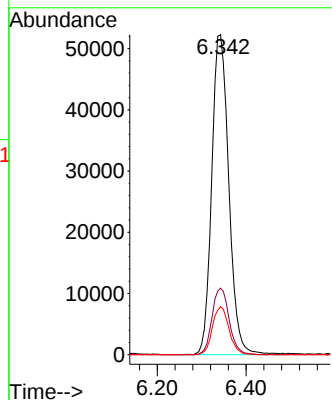
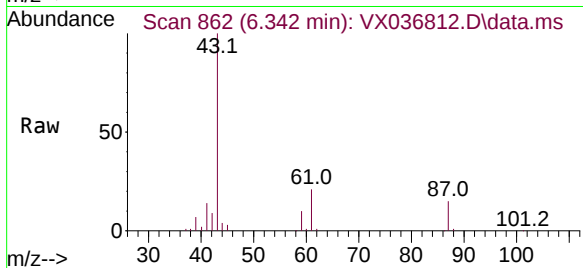




#43
Isopropyl Acetate
Concen: 26.715 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX036812.D
Acq: 04 Aug 2023 15:55

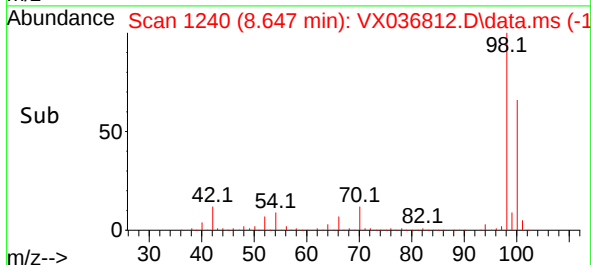
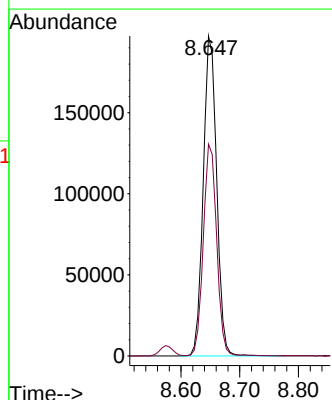
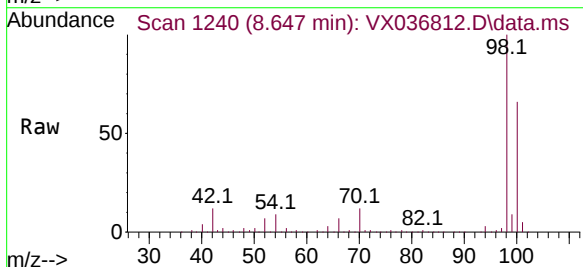
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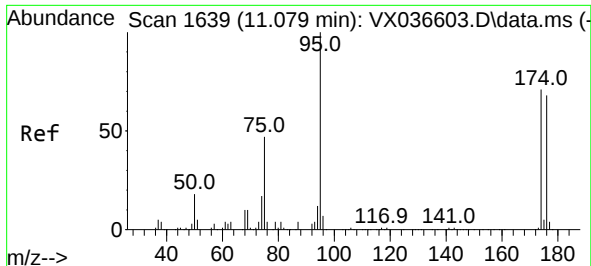
Tgt Ion: 43 Resp: 139617
Ion Ratio Lower Upper
43 100
61 20.8 15.2 22.8
87 14.5 9.8 14.6



#50
Toluene-d8
Concen: 49.057 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036812.D
Acq: 04 Aug 2023 15:55

Tgt Ion: 98 Resp: 313086
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

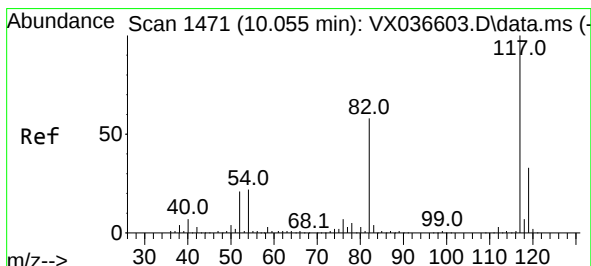
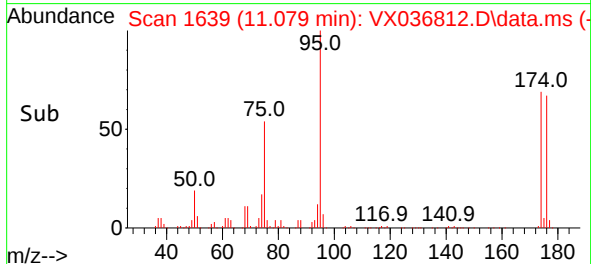
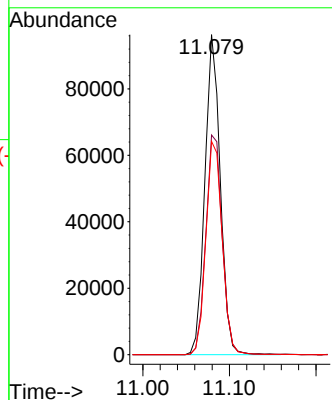
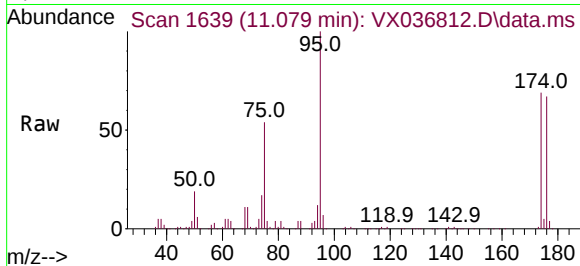




#62
4-Bromofluorobenzene
Concen: 49.449 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036812.D
Acq: 04 Aug 2023 15:55

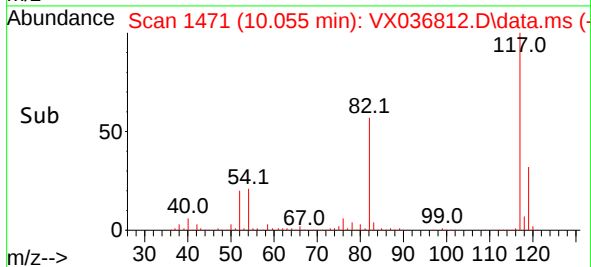
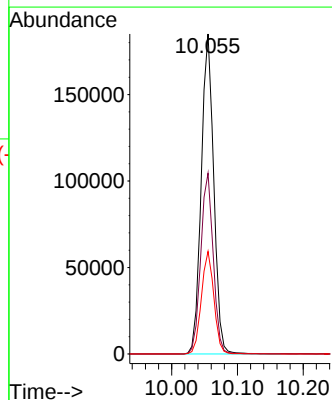
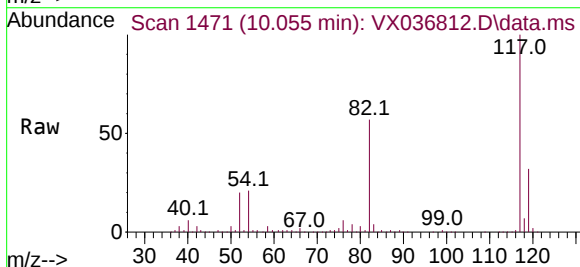
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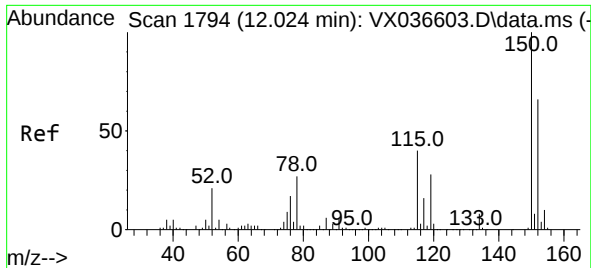
Tgt Ion: 95 Resp: 119064
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 70.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036812.D
Acq: 04 Aug 2023 15:55

Tgt Ion: 117 Resp: 244563
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.0 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: VX036812.D

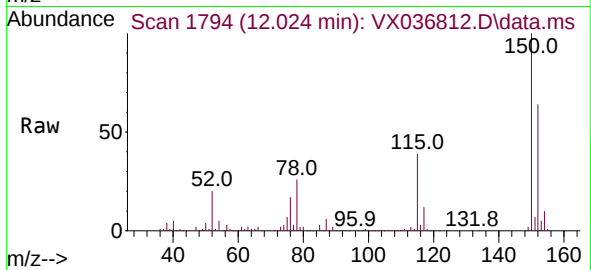
Acq: 04 Aug 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

ZHC#10



Tgt Ion:152 Resp: 109286

Ion Ratio Lower Upper

152 100

115 61.6 43.3 129.9

150 157.7 0.0 345.0

