

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036810.D
 Acq On : 04 Aug 2023 15:07
 Operator : JC/MD
 Sample : ZHC#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#08

Quant Time: Aug 05 00:12:09 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)

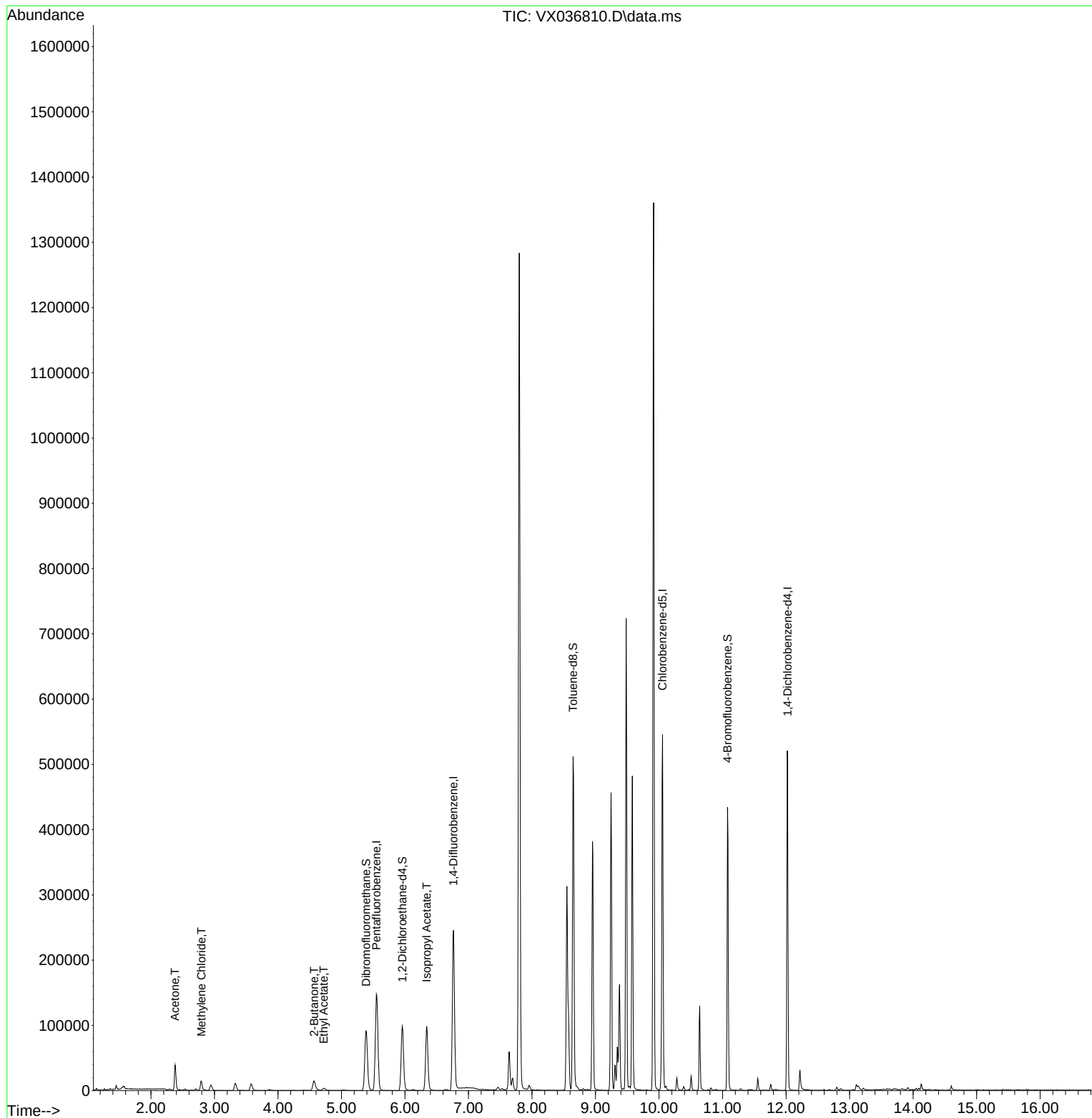
Internal Standards						
1) Pentafluorobenzene	5.550	168	137822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98054	48.083	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.160%		
35) Dibromofluoromethane	5.385	113	81526	47.395	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.780%		
50) Toluene-d8	8.647	98	303310	49.723	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.440%		
62) 4-Bromofluorobenzene	11.079	95	114820	49.890	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.780%		
Target Compounds					Qvalue	
16) Acetone	2.379	43	41582	49.138	ug/l	91
20) Methylene Chloride	2.794	84	7382	3.922	ug/l #	87
25) 2-Butanone	4.568	43	18542	13.505	ug/l	98
37) Ethyl Acetate	4.721	43	6286	2.166	ug/l #	93
43) Isopropyl Acetate	6.342	43	135487	27.123	ug/l	96

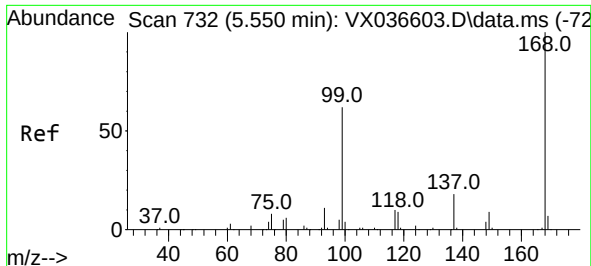
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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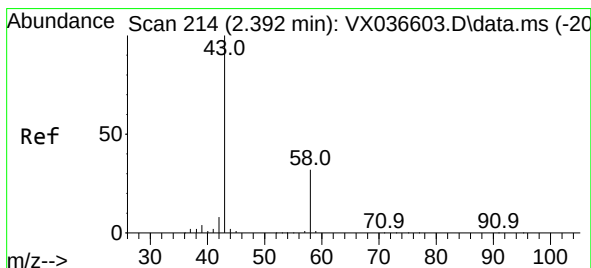
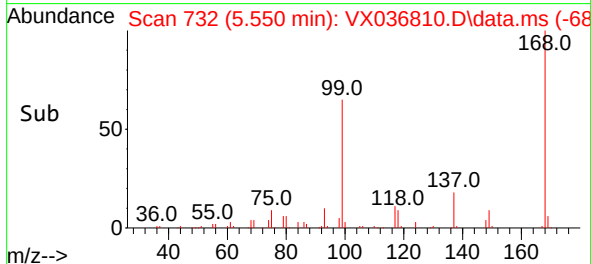
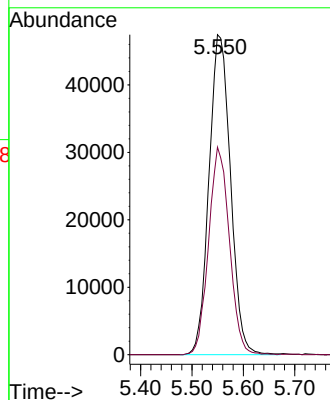
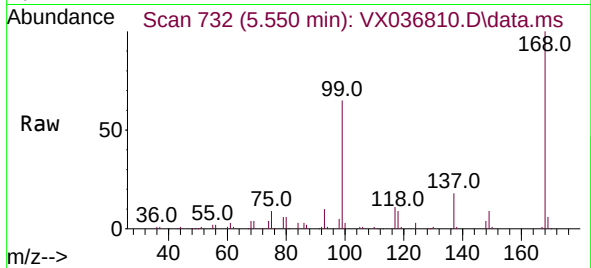




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX036810.D
Acq: 04 Aug 2023 15:07

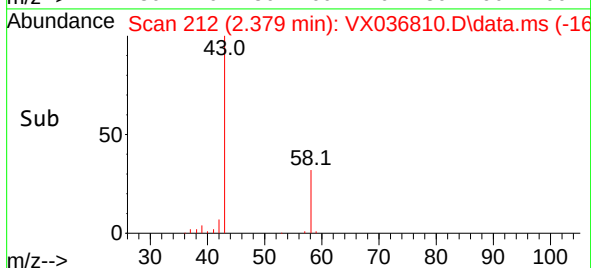
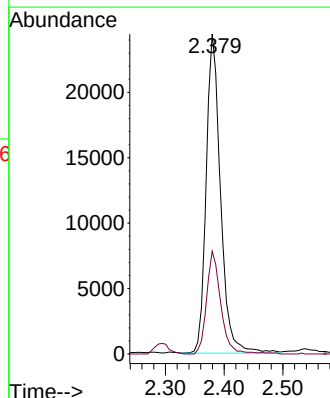
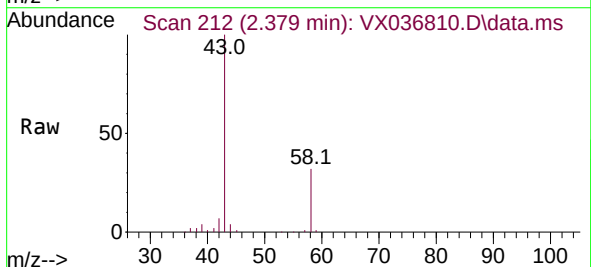
Instrument :
MSVOA_X
ClientSampleId :
ZHC#08

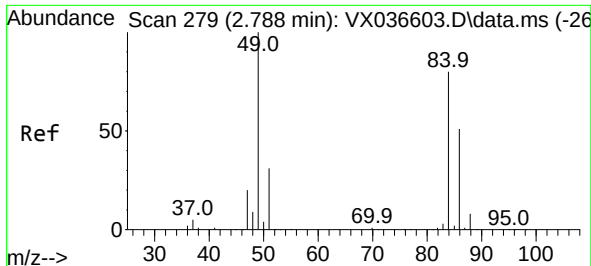
Tgt Ion:168 Resp: 137822
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0



#16
Acetone
Concen: 49.138 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036810.D
Acq: 04 Aug 2023 15:07

Tgt Ion: 43 Resp: 41582
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9

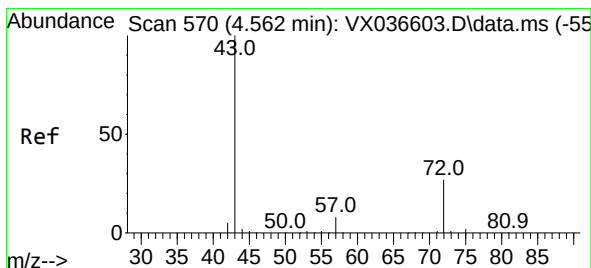
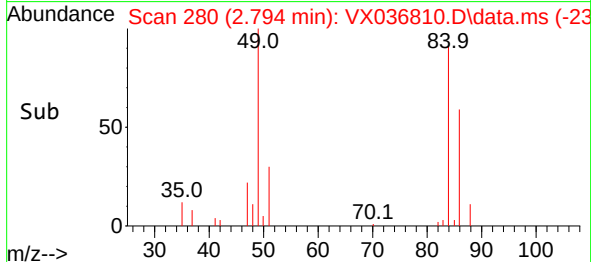
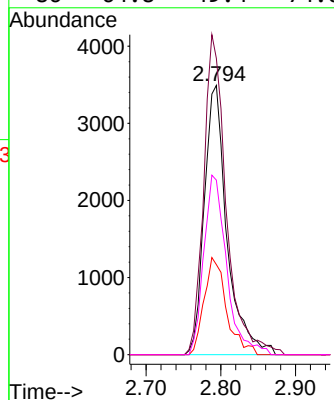
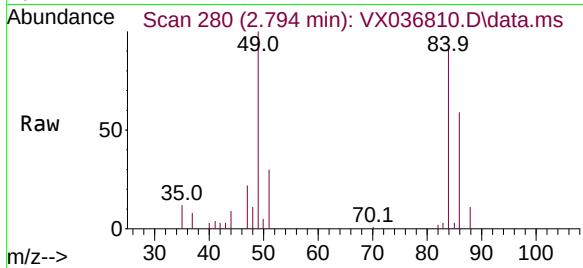




#20
Methylene Chloride
Concen: 3.922 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036810.D
Acq: 04 Aug 2023 15:07

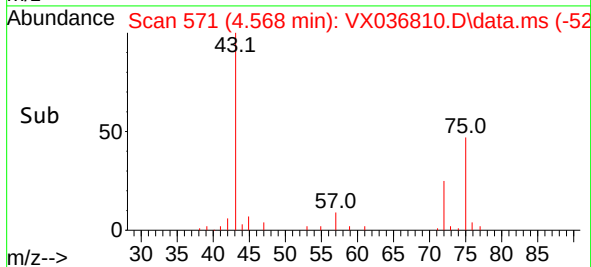
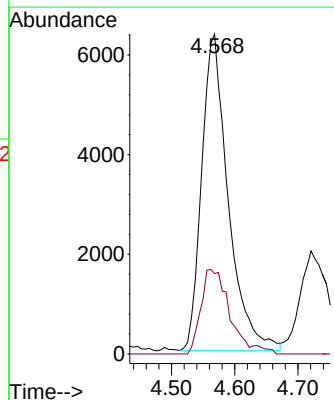
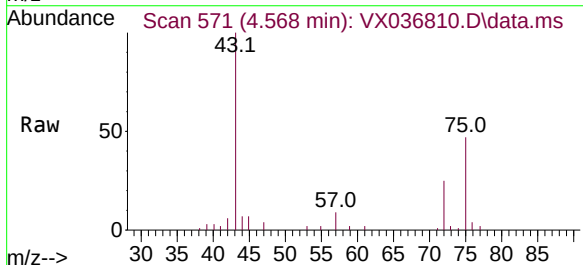
Instrument :
MSVOA_X
ClientSampleId :
ZHC#08

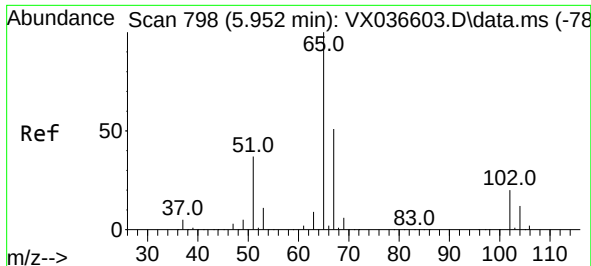
Tgt Ion:	84	Resp:	7382
Ion	Ratio	Lower	Upper
84	100		
49	110.1	103.6	155.4
51	33.4	33.8	50.6#
86	64.8	49.4	74.0



#25
2-Butanone
Concen: 13.505 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036810.D
Acq: 04 Aug 2023 15:07

Tgt Ion:	43	Resp:	18542
Ion	Ratio	Lower	Upper
43	100		
72	25.4	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 48.083 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036810.D

Acq: 04 Aug 2023 15:07

Instrument :

MSVOA_X

ClientSampleId :

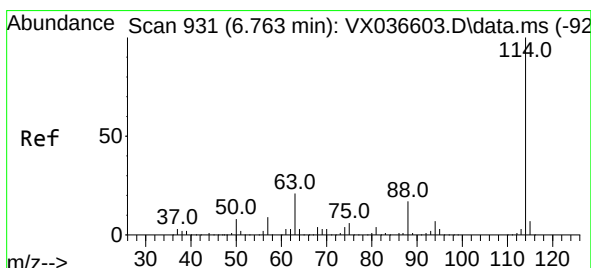
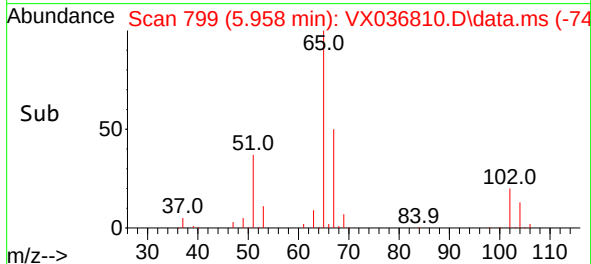
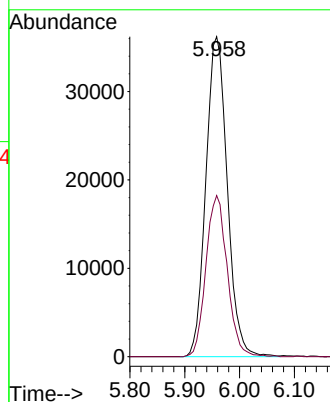
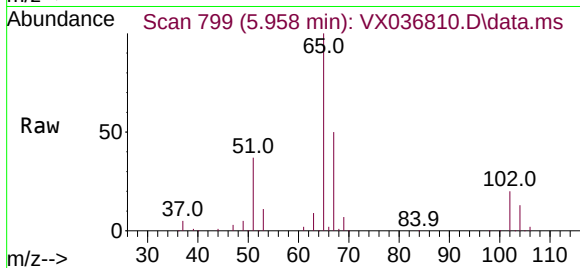
ZHC#08

Tgt Ion: 65 Resp: 98054

Ion Ratio Lower Upper

65 100

67 50.2 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: VX036810.D

Acq: 04 Aug 2023 15:07

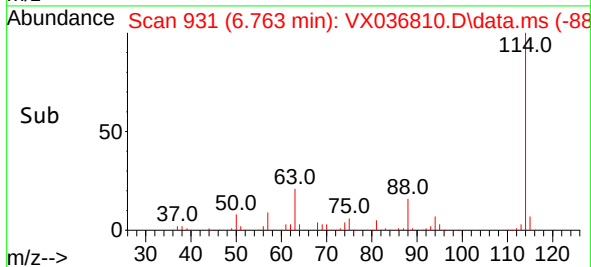
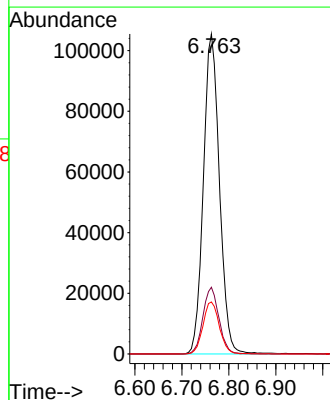
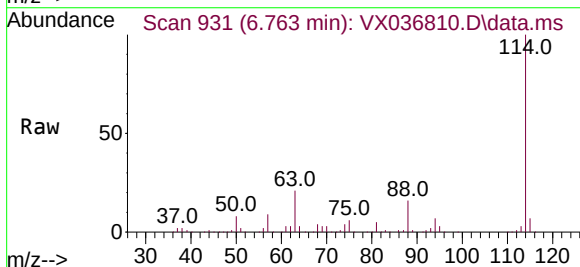
Tgt Ion: 114 Resp: 250261

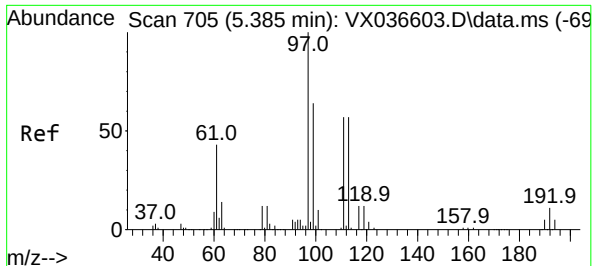
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 16.3 0.0 36.6

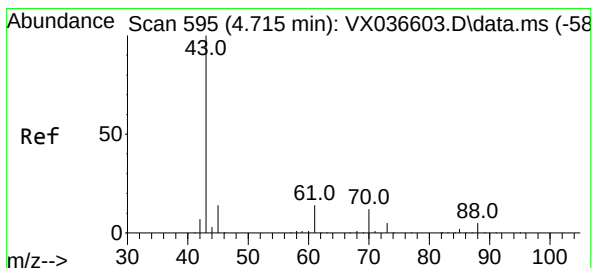
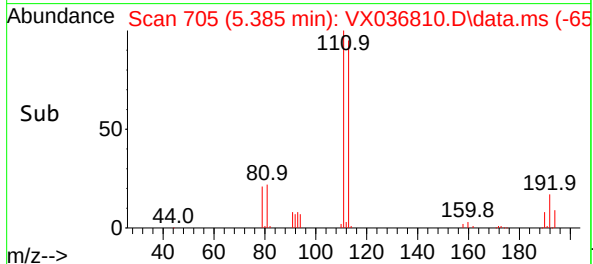
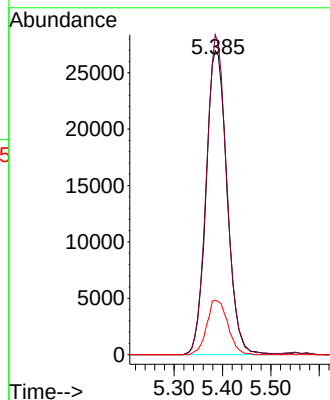
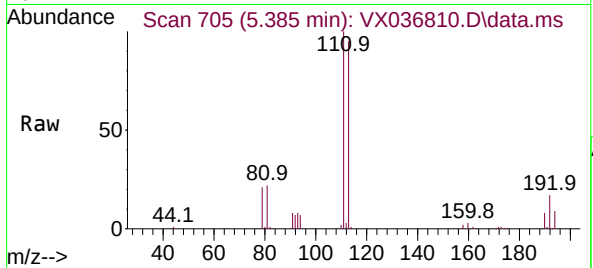




#35
Dibromofluoromethane
Concen: 47.395 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036810.D
Acq: 04 Aug 2023 15:07

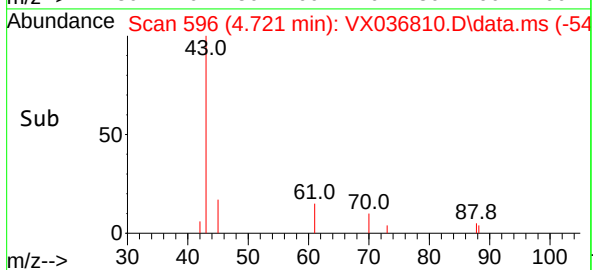
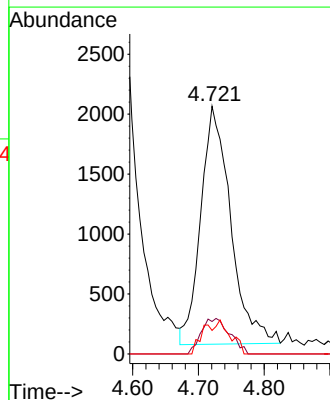
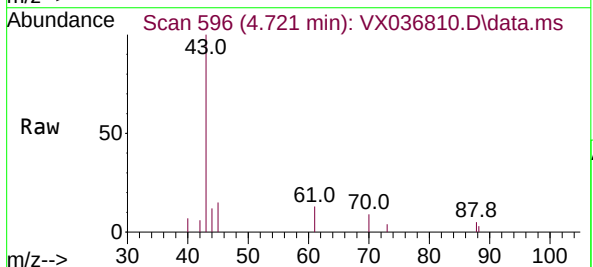
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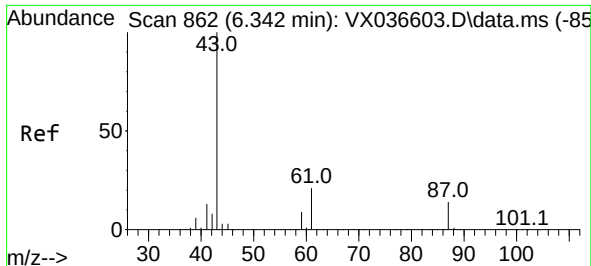
Tgt Ion:113 Resp: 81526
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 17.9 13.3 19.9



#37
Ethyl Acetate
Concen: 2.166 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX036810.D
Acq: 04 Aug 2023 15:07

Tgt Ion: 43 Resp: 6286
Ion Ratio Lower Upper
43 100
61 14.2 10.6 16.0
70 5.2 8.3 12.5

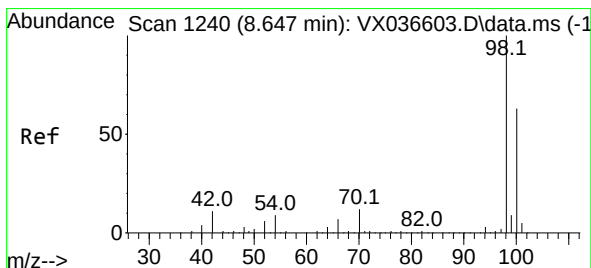
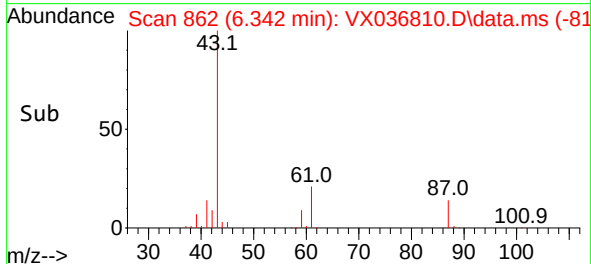
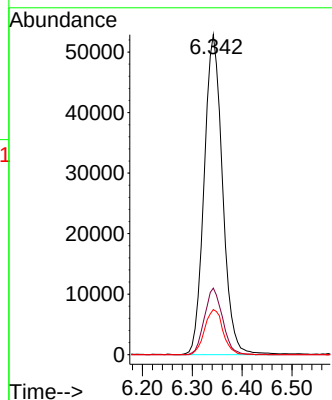
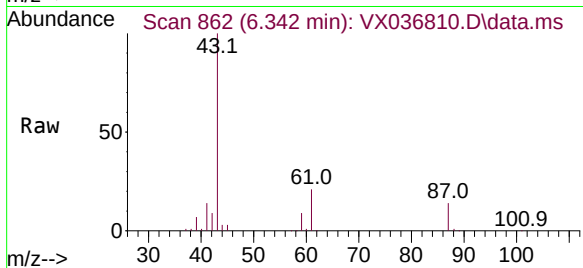




#43
Isopropyl Acetate
Concen: 27.123 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036810.D
Acq: 04 Aug 2023 15:07

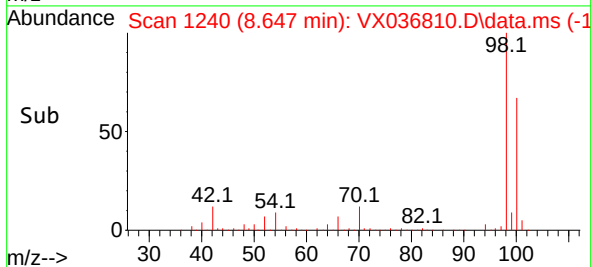
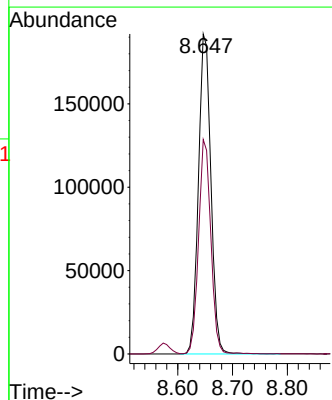
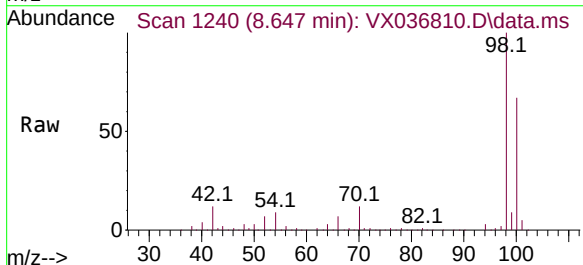
Instrument :
MSVOA_X
ClientSampleId :
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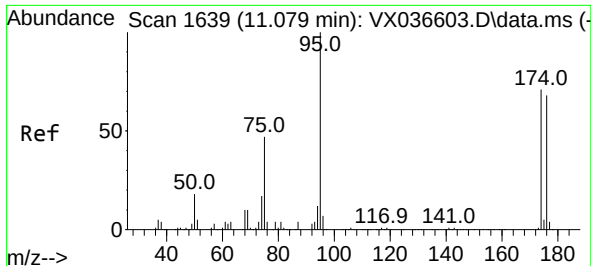
Tgt Ion: 43 Resp: 135487
Ion Ratio Lower Upper
43 100
61 20.5 15.2 22.8
87 14.1 9.8 14.6



#50
Toluene-d8
Concen: 49.723 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036810.D
Acq: 04 Aug 2023 15:07

Tgt Ion: 98 Resp: 303310
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7

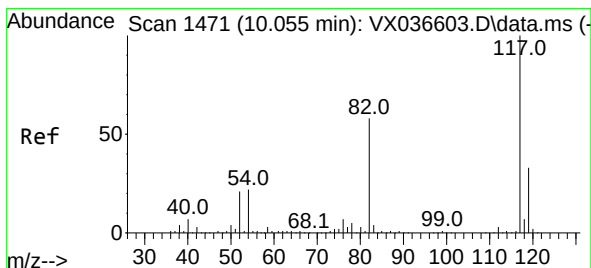
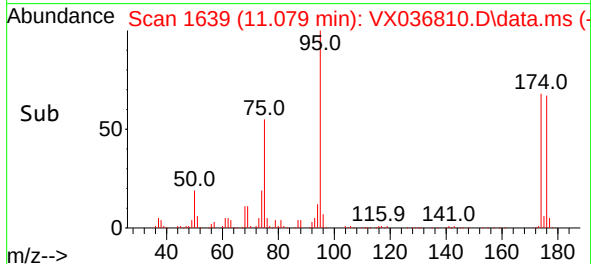
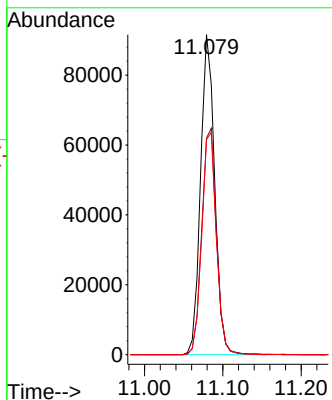
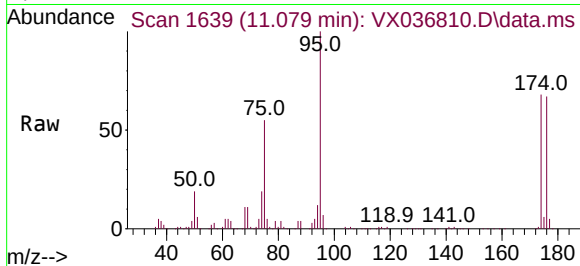




#62
4-Bromofluorobenzene
Concen: 49.890 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036810.D
Acq: 04 Aug 2023 15:07

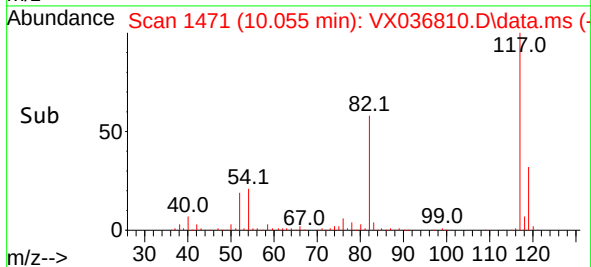
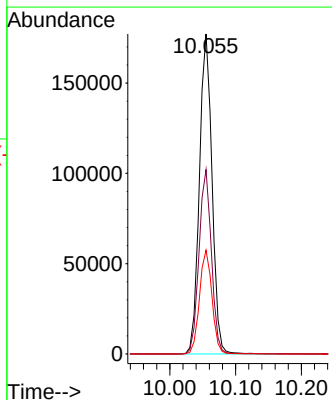
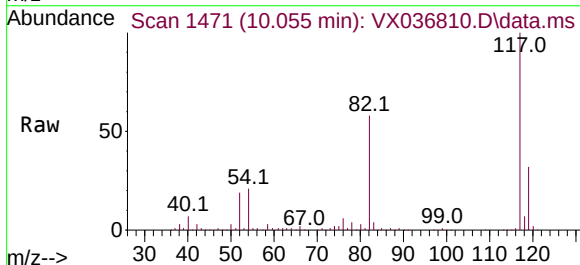
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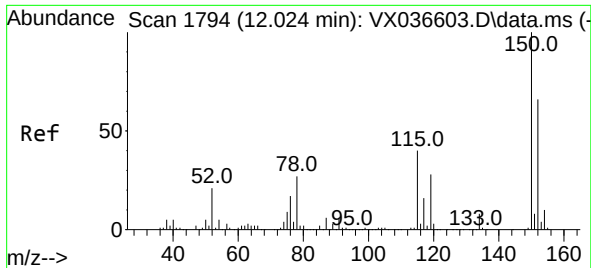
Tgt Ion: 95 Resp: 114820
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 71.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036810.D
Acq: 04 Aug 2023 15:07

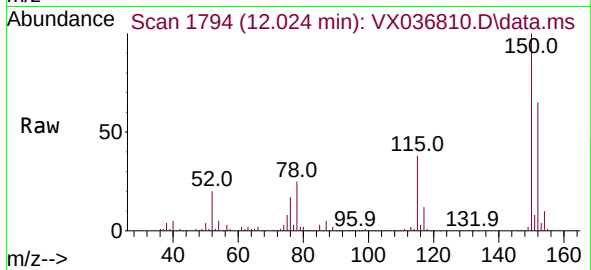
Tgt Ion: 117 Resp: 236230
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.5 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036810.D
 Acq: 04 Aug 2023 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#08



Tgt Ion:152 Resp: 107708

Ion	Ratio	Lower	Upper
152	100		
115	61.7	43.3	129.9
150	155.9	0.0	345.0

