

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036807.D
 Acq On : 04 Aug 2023 13:55
 Operator : JC/MD
 Sample : ZHC#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#05

Quant Time: Aug 05 00:10:58 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)

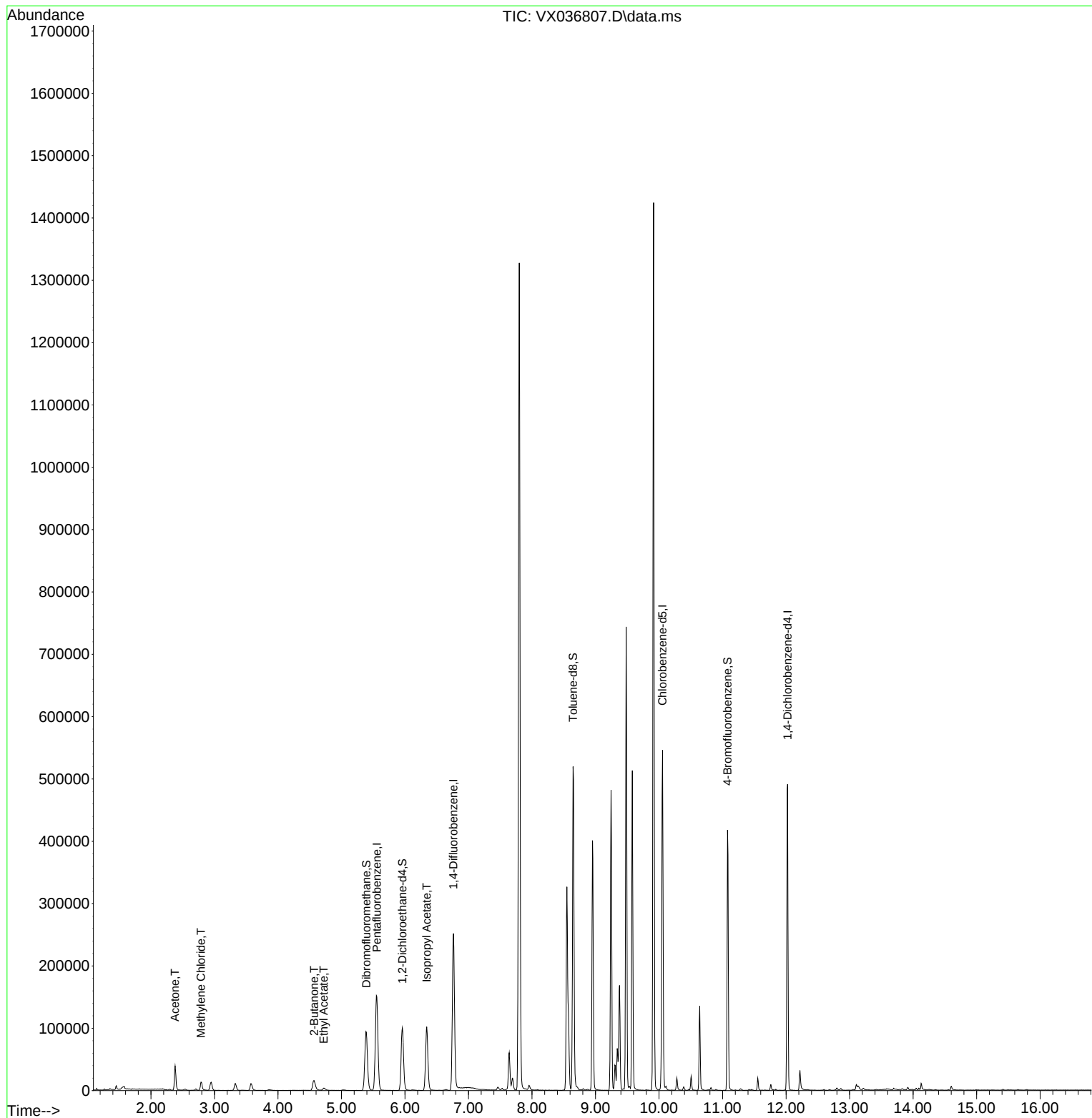
Internal Standards						
1) Pentafluorobenzene	5.556	168	142678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	259076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99437	47.101	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.200%		
35) Dibromofluoromethane	5.391	113	83404	46.837	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.680%		
50) Toluene-d8	8.647	98	310431	49.158	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.320%		
62) 4-Bromofluorobenzene	11.079	95	114217	47.940	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.880%		
Target Compounds						
						Qvalue
16) Acetone	2.379	43	43499	49.654	ug/l	92
20) Methylene Chloride	2.788	84	7298	3.746	ug/l #	89
25) 2-Butanone	4.568	43	18833	13.250	ug/l	100
37) Ethyl Acetate	4.720	43	5999	1.997	ug/l	96
43) Isopropyl Acetate	6.342	43	139799	27.034	ug/l	95

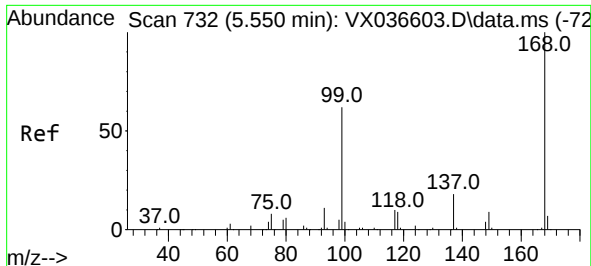
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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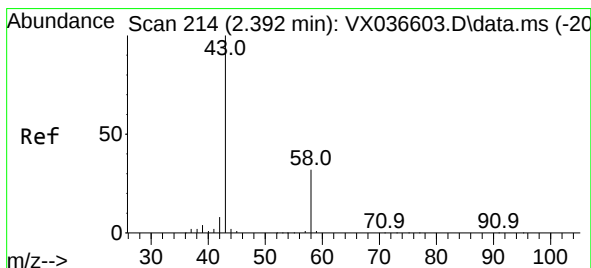
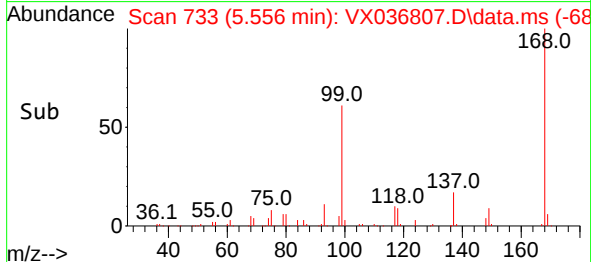
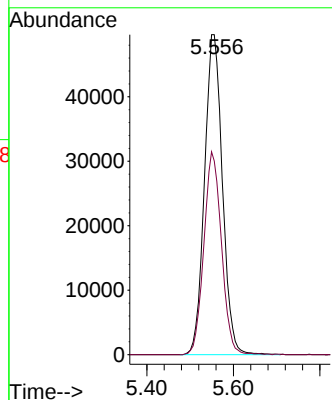
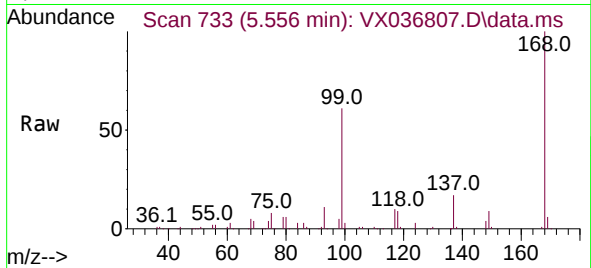




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

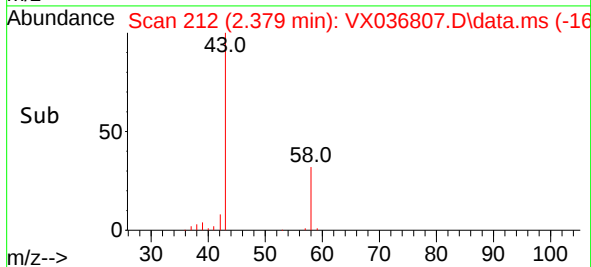
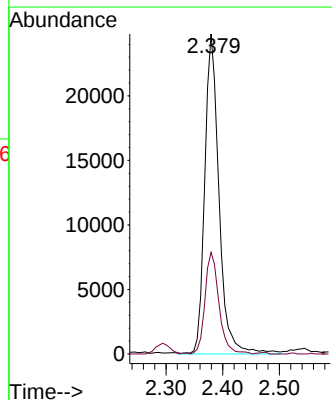
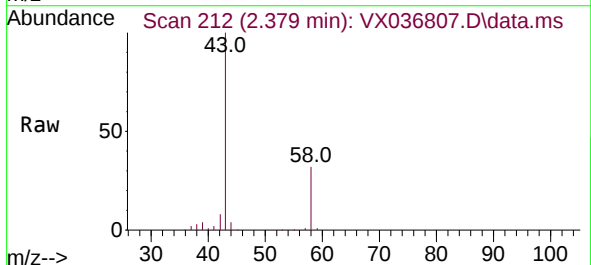
Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

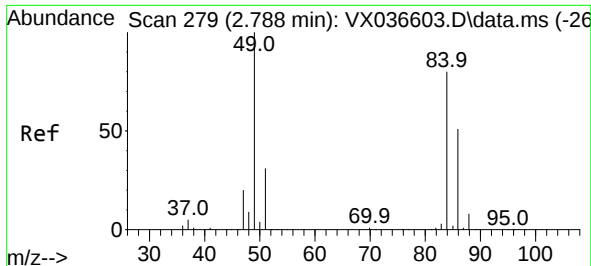
Tgt Ion:168 Resp: 142678
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#16
Acetone
Concen: 49.654 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 43 Resp: 43499
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9





#20

Methylene Chloride

Concen: 3.746 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX036807.D

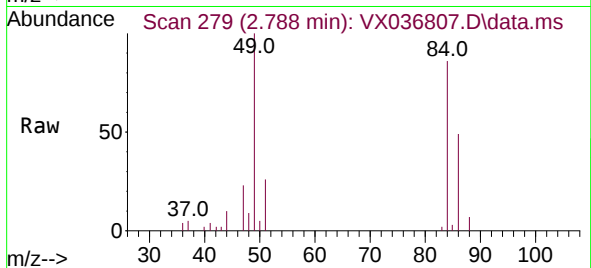
Acq: 04 Aug 2023 13:55

Instrument :

MSVOA_X

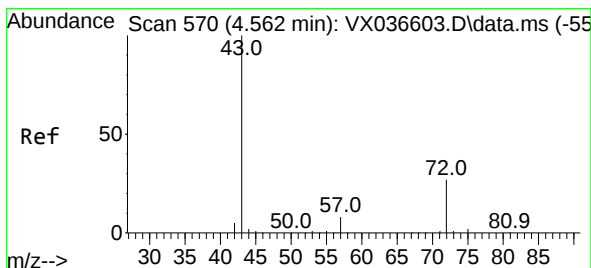
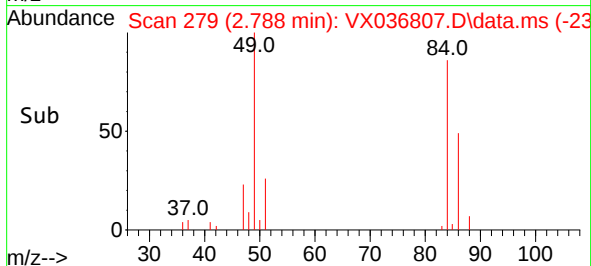
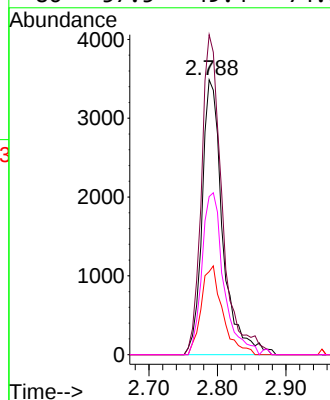
ClientSampleId :

ZHC#05



Tgt Ion: 84 Resp: 7298

Ion	Ratio	Lower	Upper
84	100		
49	116.4	103.6	155.4
51	30.2	33.8	50.6#
86	57.5	49.4	74.0



#25

2-Butanone

Concen: 13.250 ug/l

RT: 4.568 min Scan# 571

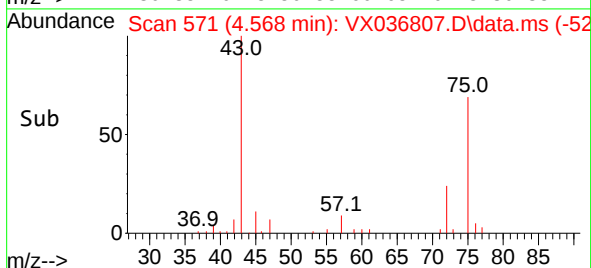
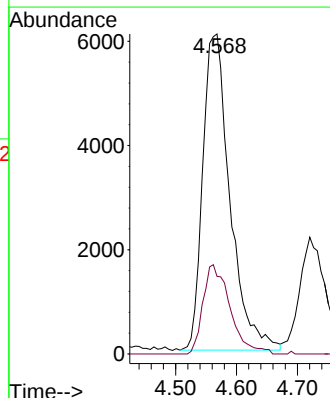
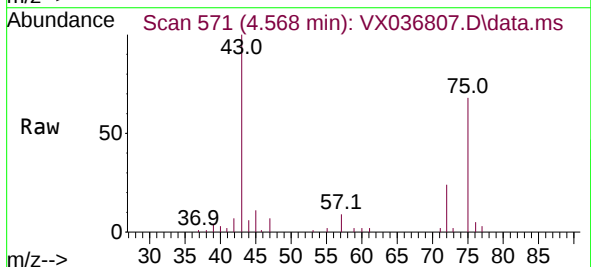
Delta R.T. 0.006 min

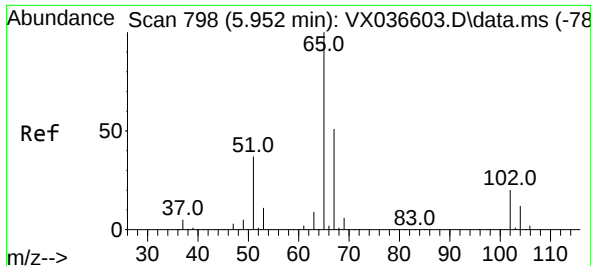
Lab File: VX036807.D

Acq: 04 Aug 2023 13:55

Tgt Ion: 43 Resp: 18833

Ion	Ratio	Lower	Upper
43	100		
72	24.5	19.4	29.2

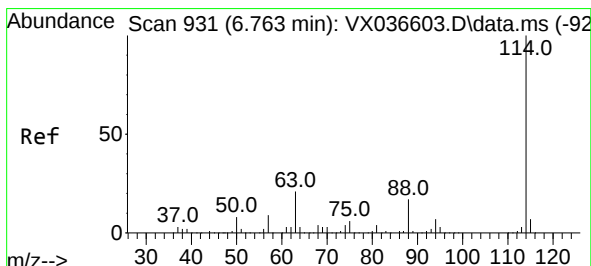
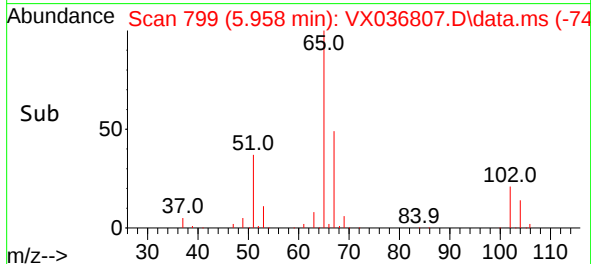
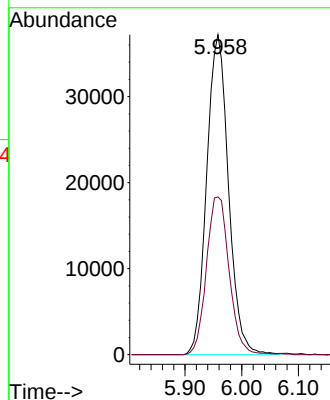
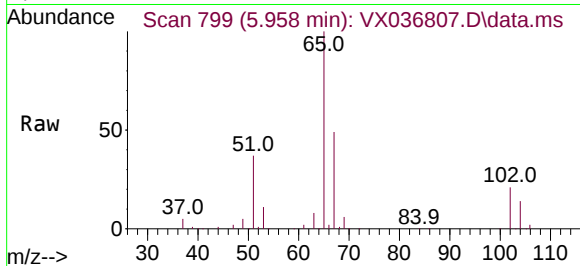




#33
 1,2-Dichloroethane-d4
 Concen: 47.101 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX036807.D
 Acq: 04 Aug 2023 13:55

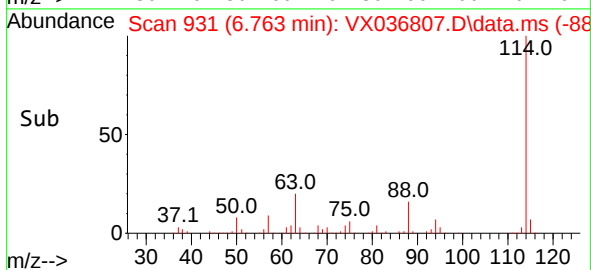
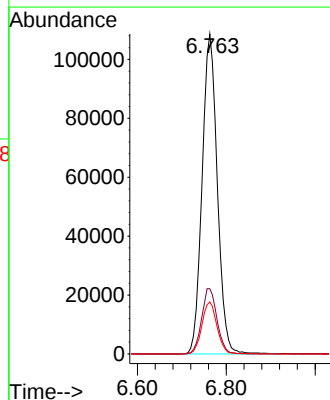
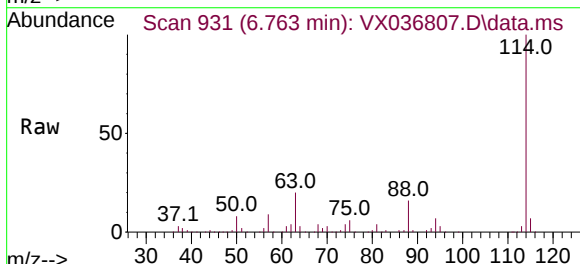
Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#05

Tgt Ion: 65 Resp: 99437
 Ion Ratio Lower Upper
 65 100
 67 51.4 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: VX036807.D
 Acq: 04 Aug 2023 13:55

Tgt Ion: 114 Resp: 259076
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.0
 88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.837 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036807.D

Acq: 04 Aug 2023 13:55

Instrument :

MSVOA_X

ClientSampleId :

ZHC#05

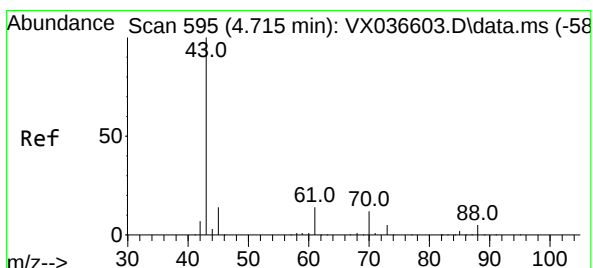
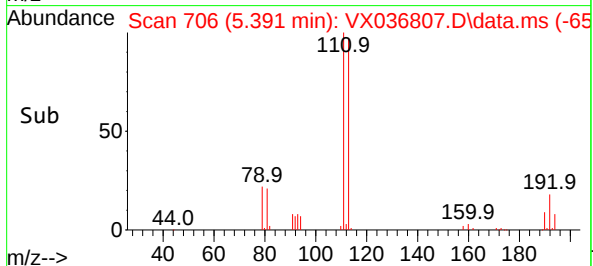
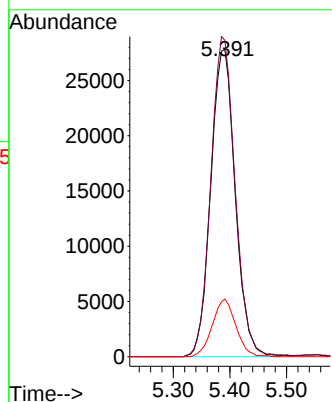
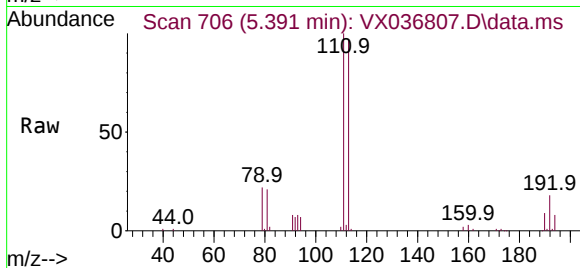
Tgt Ion:113 Resp: 83404

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

192 18.0 13.3 19.9



#37

Ethyl Acetate

Concen: 1.997 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX036807.D

Acq: 04 Aug 2023 13:55

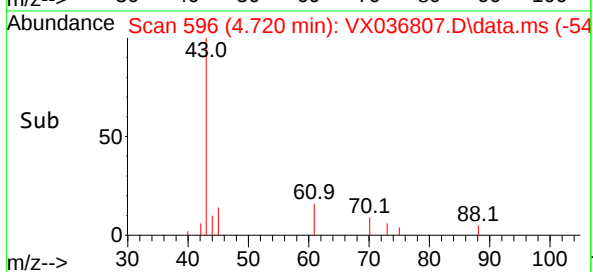
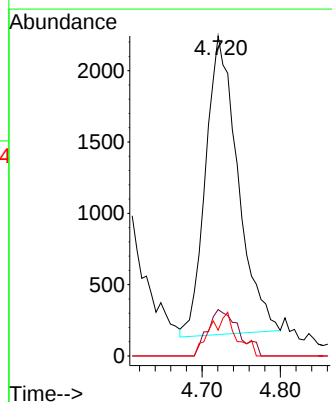
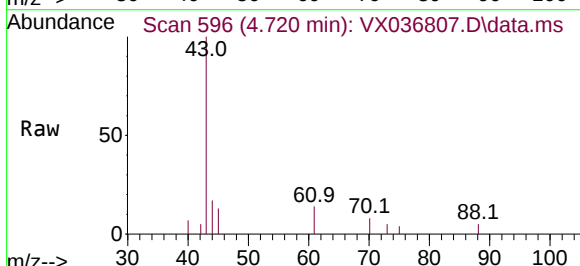
Tgt Ion: 43 Resp: 5999

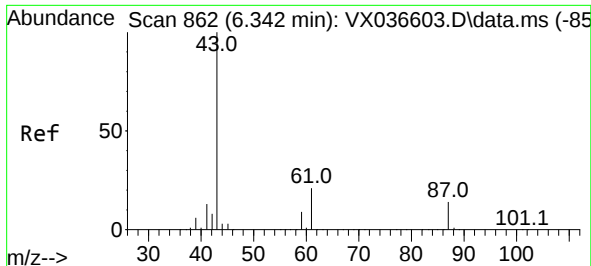
Ion Ratio Lower Upper

43 100

61 15.0 10.6 16.0

70 11.8 8.3 12.5

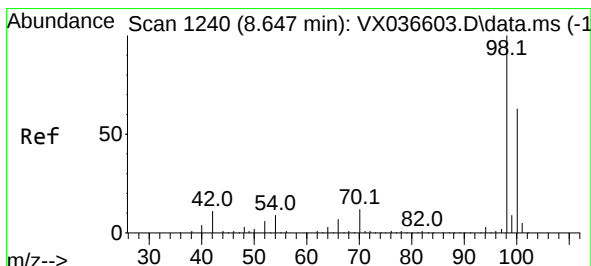
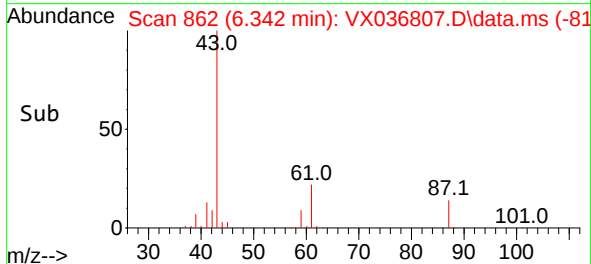
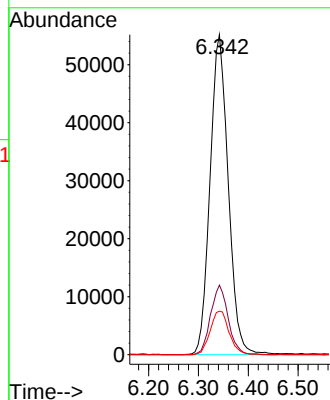
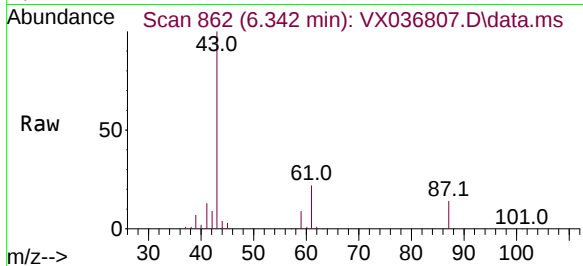




#43
Isopropyl Acetate
Concen: 27.034 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

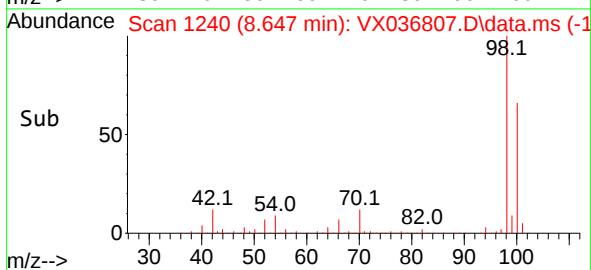
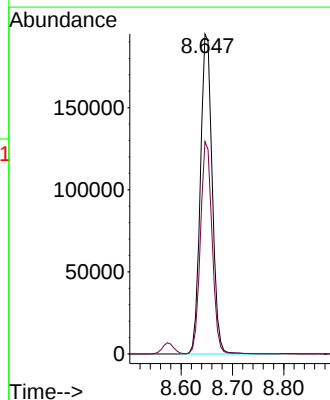
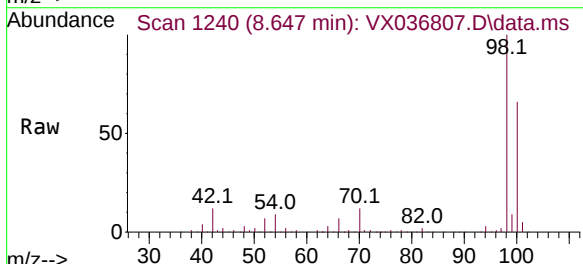
Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

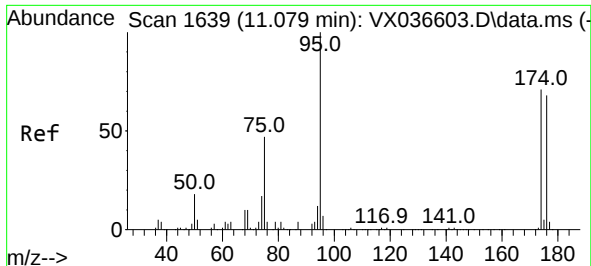
Tgt Ion: 43 Resp: 139799
Ion Ratio Lower Upper
43 100
61 21.0 15.2 22.8
87 14.1 9.8 14.6



#50
Toluene-d8
Concen: 49.158 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 98 Resp: 310431
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

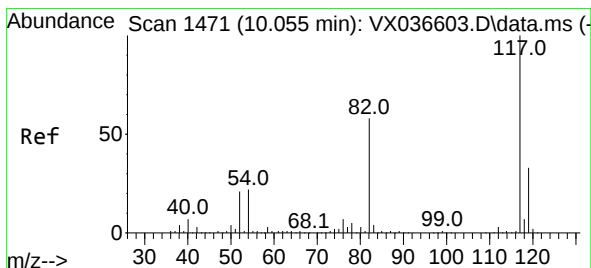
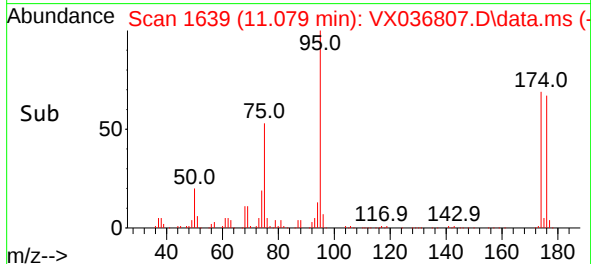
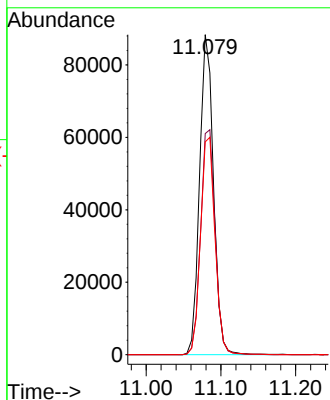
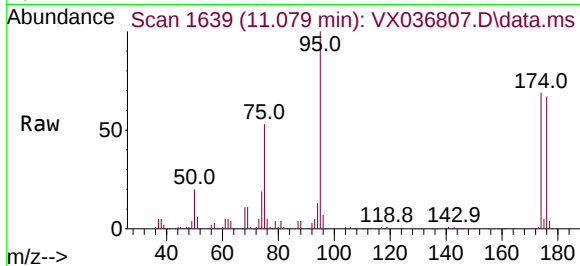




#62
4-Bromofluorobenzene
Concen: 47.940 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

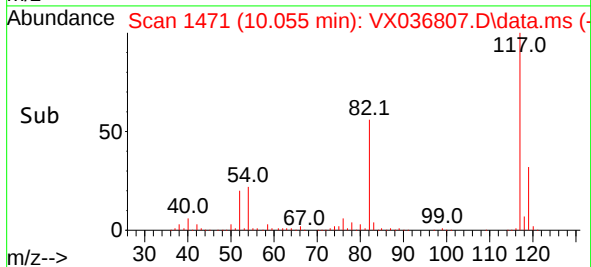
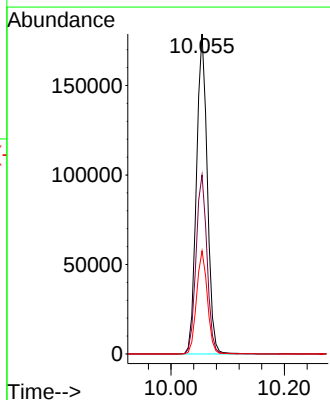
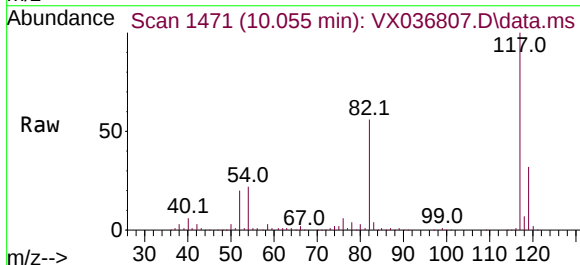
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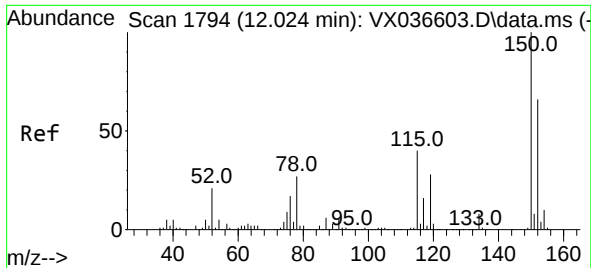
Tgt Ion: 95 Resp: 114217
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 70.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

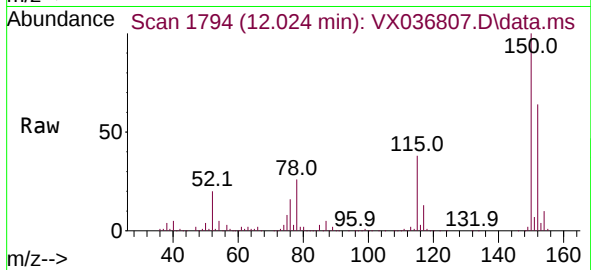
Tgt Ion: 117 Resp: 237896
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036807.D
 Acq: 04 Aug 2023 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#05



Tgt Ion:152 Resp: 101134
 Ion Ratio Lower Upper
 152 100
 115 62.4 43.3 129.9
 150 158.6 0.0 345.0

