

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036811.D
 Acq On : 04 Aug 2023 15:31
 Operator : JC/MD
 Sample : ZHC#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#09

Quant Time: Aug 05 00:12:33 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)

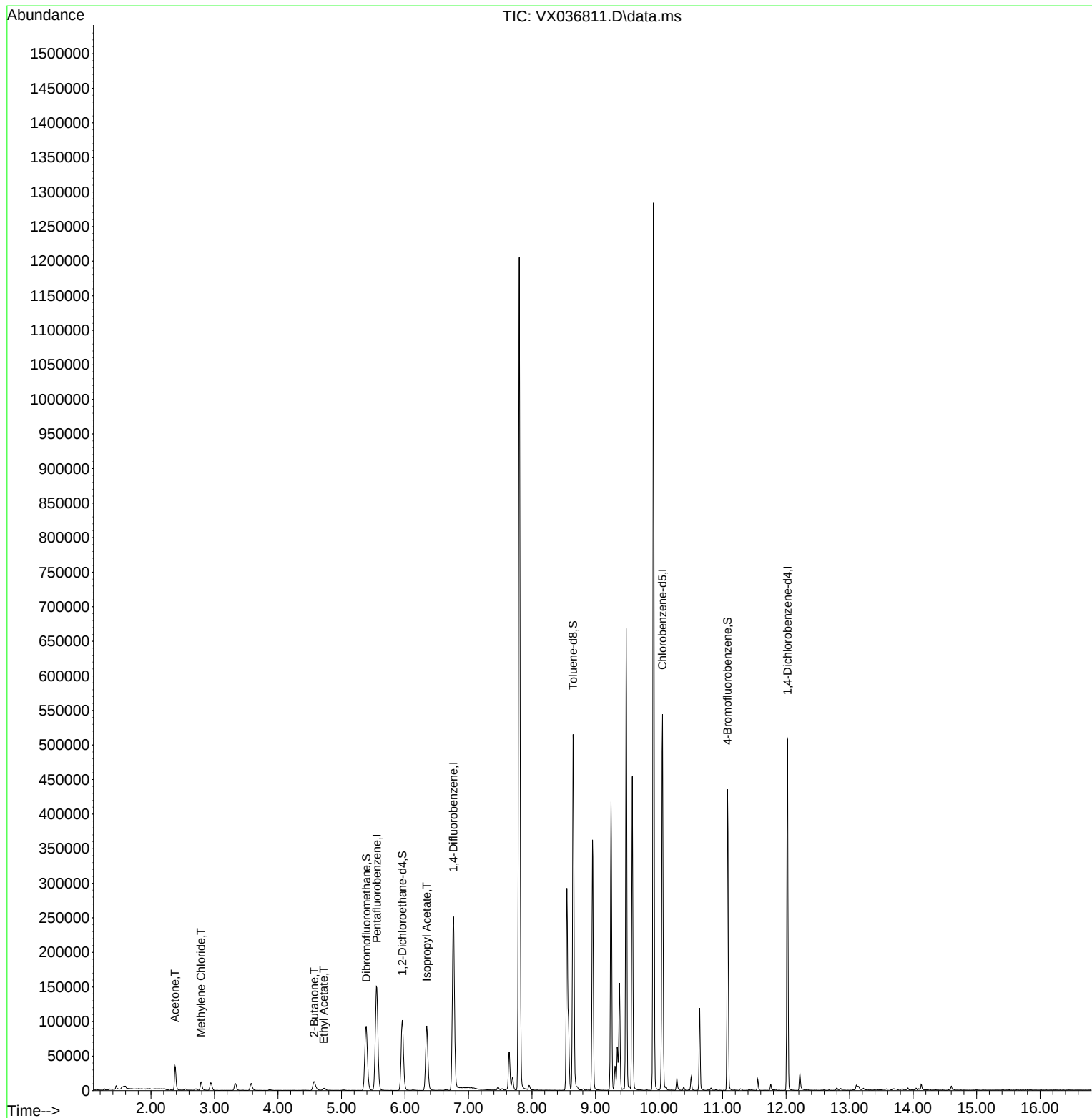
Internal Standards						
1) Pentafluorobenzene	5.556	168	139863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256217	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99707	48.180	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.360%
35) Dibromofluoromethane	5.391	113	83123	47.200	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.400%
50) Toluene-d8	8.647	98	308315	49.368	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.079	95	116067	49.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.520%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	37902	44.136	ug/l	92
20) Methylene Chloride	2.788	84	6425	3.364	ug/l	91
25) 2-Butanone	4.568	43	17462	12.533	ug/l	98
37) Ethyl Acetate	4.721	43	6433	2.165	ug/l	98
43) Isopropyl Acetate	6.342	43	127778	24.985	ug/l	96

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

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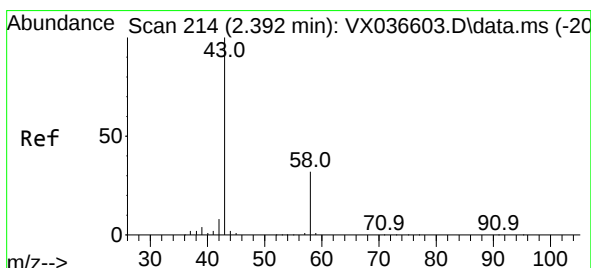
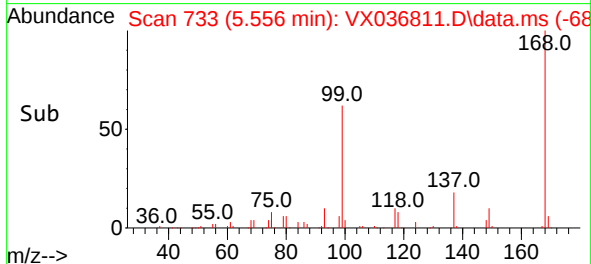
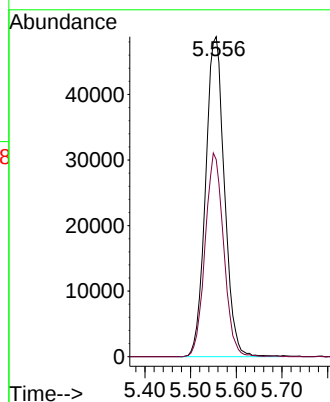
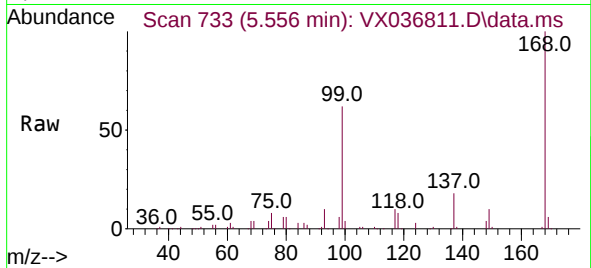




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036811.D
Acq: 04 Aug 2023 15:31

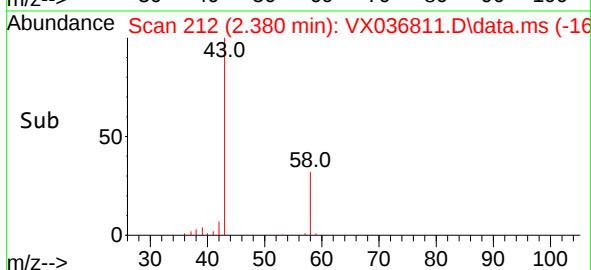
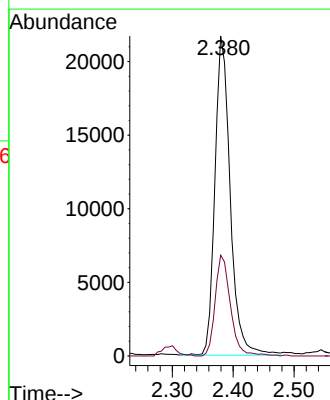
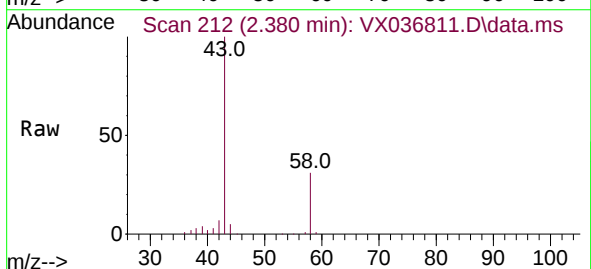
Instrument :
MSVOA_X
ClientSampleId :
ZHC#09

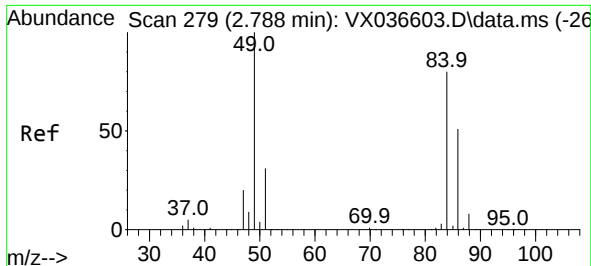
Tgt Ion:168 Resp: 139863
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#16
Acetone
Concen: 44.136 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036811.D
Acq: 04 Aug 2023 15:31

Tgt Ion: 43 Resp: 37902
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9

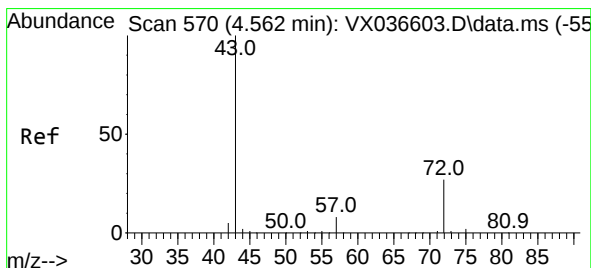
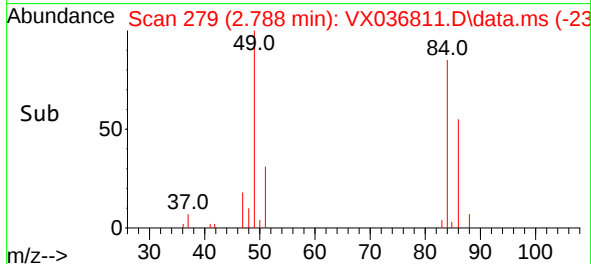
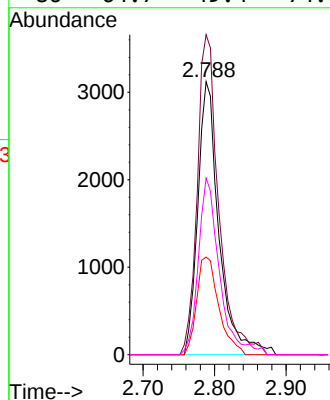
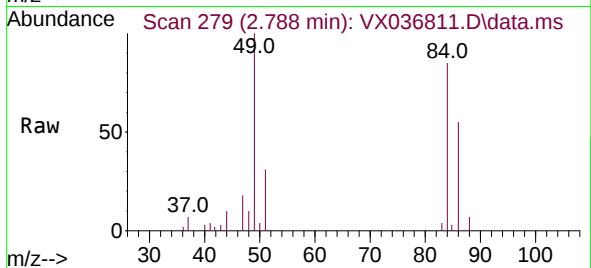




#20
Methylene Chloride
Concen: 3.364 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036811.D
Acq: 04 Aug 2023 15:31

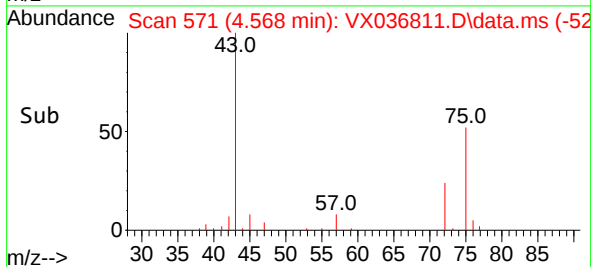
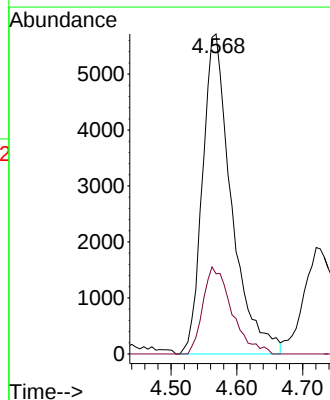
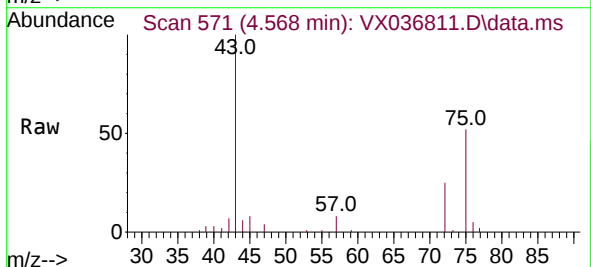
Instrument :
MSVOA_X
ClientSampleId :
ZHC#09

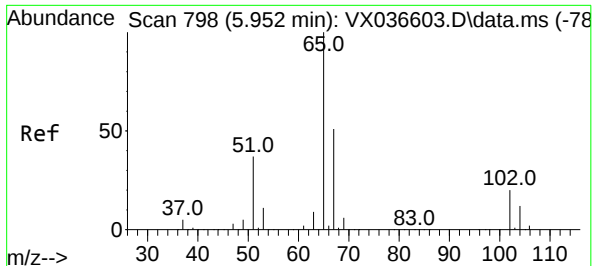
Tgt Ion:	84	Resp:	6425
Ion	Ratio	Lower	Upper
84	100		
49	117.2	103.6	155.4
51	35.8	33.8	50.6
86	64.7	49.4	74.0



#25
2-Butanone
Concen: 12.533 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036811.D
Acq: 04 Aug 2023 15:31

Tgt Ion:	43	Resp:	17462
Ion	Ratio	Lower	Upper
43	100		
72	25.0	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 48.180 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036811.D

Acq: 04 Aug 2023 15:31

Instrument :

MSVOA_X

ClientSampleId :

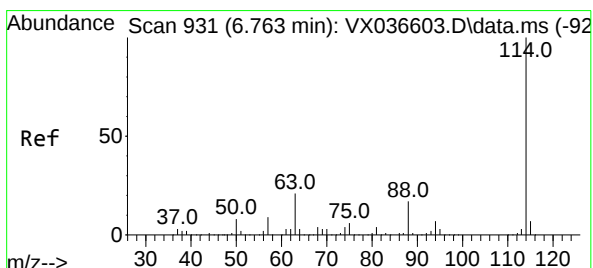
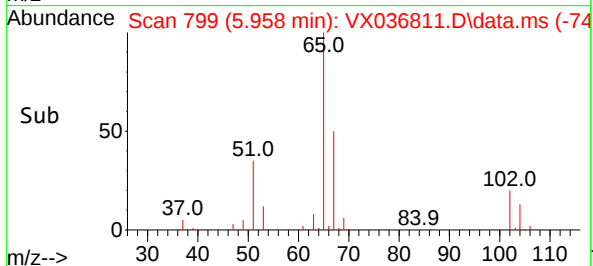
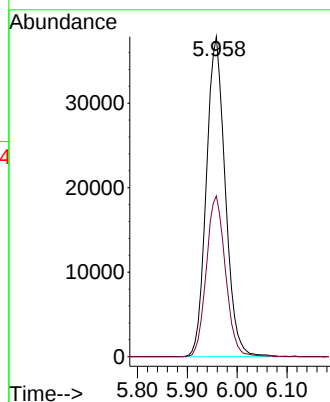
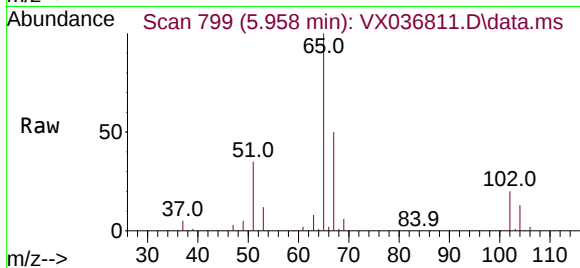
ZHC#09

Tgt Ion: 65 Resp: 99707

Ion Ratio Lower Upper

65 100

67 50.8 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: VX036811.D

Acq: 04 Aug 2023 15:31

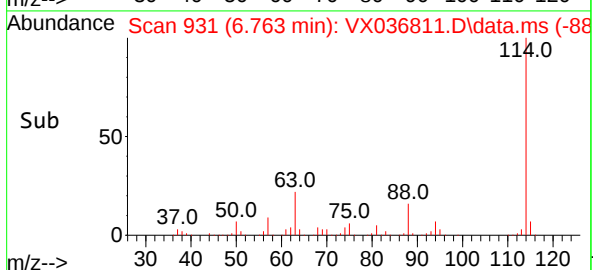
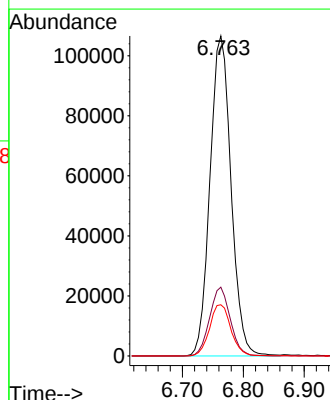
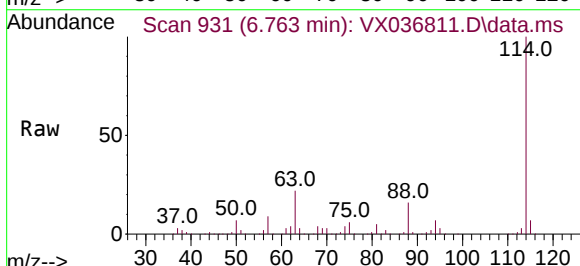
Tgt Ion: 114 Resp: 256217

Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.200 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036811.D

Acq: 04 Aug 2023 15:31

Instrument :

MSVOA_X

ClientSampleId :

ZHC#09

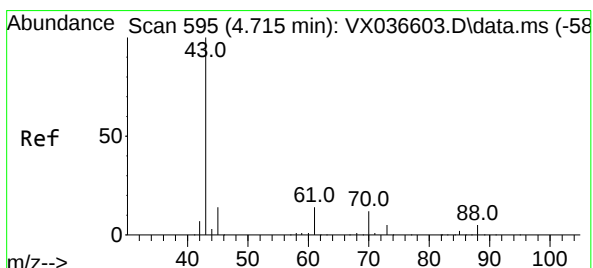
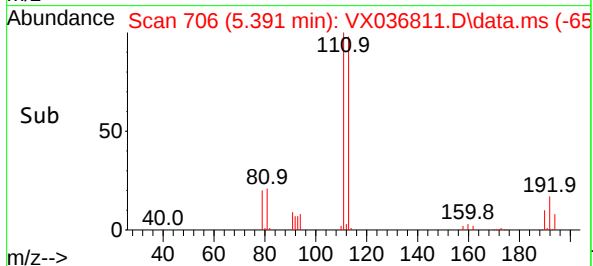
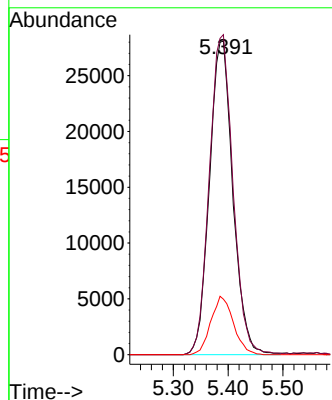
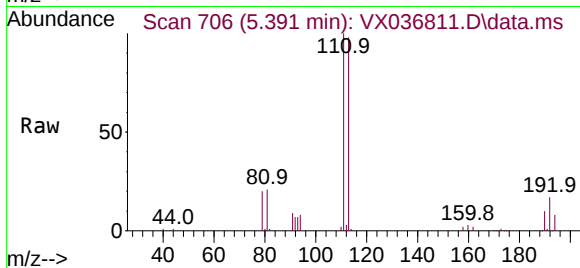
Tgt Ion:113 Resp: 83123

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 18.0 13.3 19.9



#37

Ethyl Acetate

Concen: 2.165 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX036811.D

Acq: 04 Aug 2023 15:31

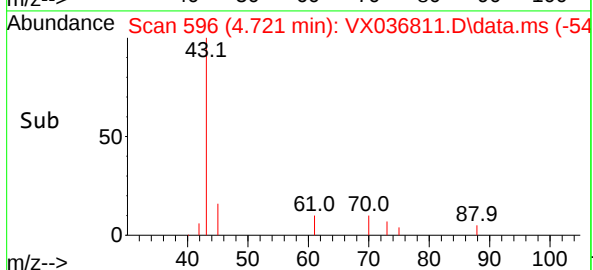
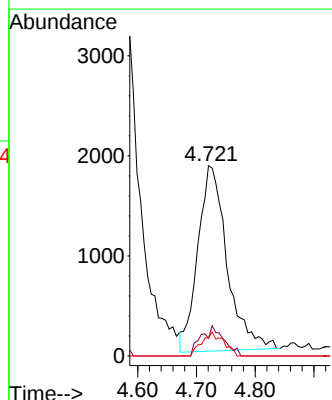
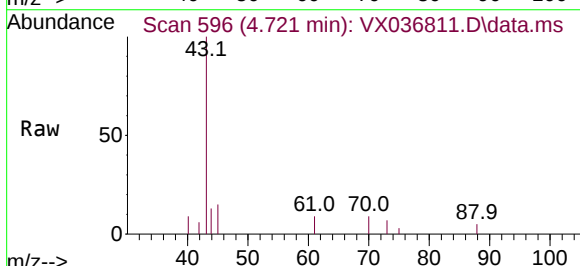
Tgt Ion: 43 Resp: 6433

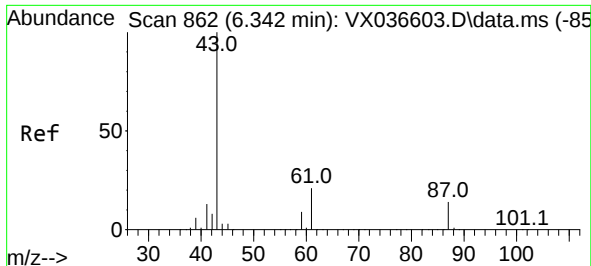
Ion Ratio Lower Upper

43 100

61 12.4 10.6 16.0

70 9.4 8.3 12.5

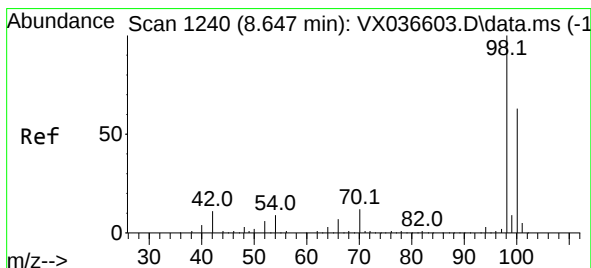
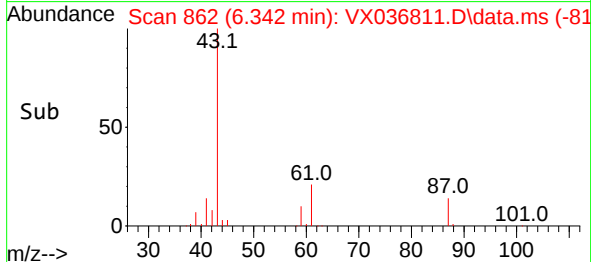
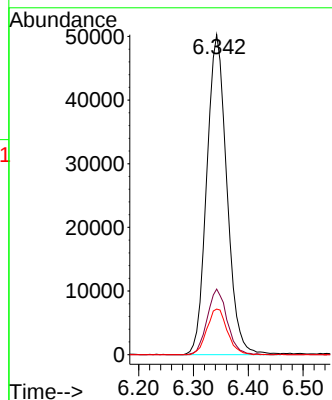
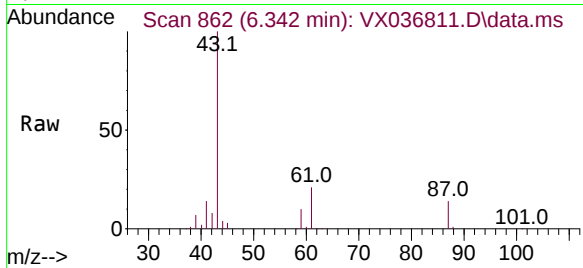




#43
Isopropyl Acetate
Concen: 24.985 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036811.D
Acq: 04 Aug 2023 15:31

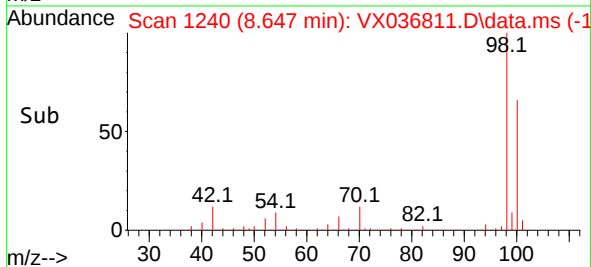
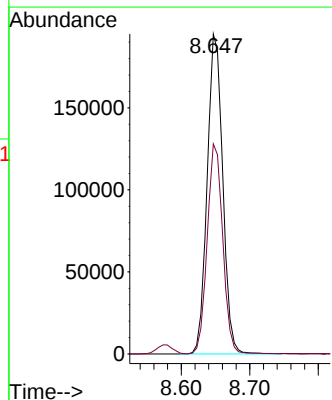
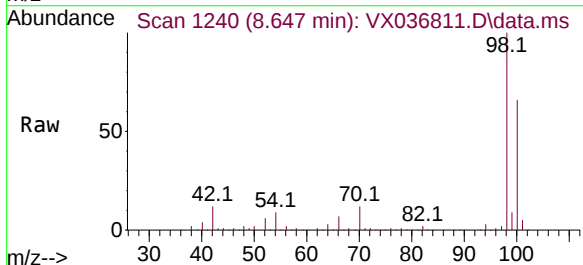
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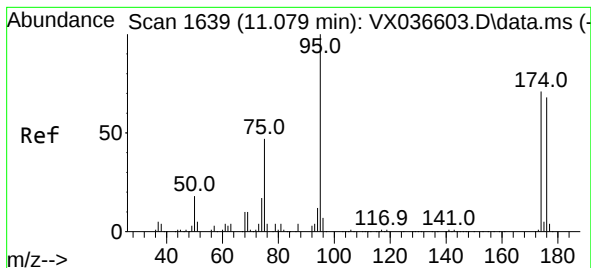
Tgt Ion: 43 Resp: 127778
Ion Ratio Lower Upper
43 100
61 20.3 15.2 22.8
87 14.5 9.8 14.6



#50
Toluene-d8
Concen: 49.368 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036811.D
Acq: 04 Aug 2023 15:31

Tgt Ion: 98 Resp: 308315
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

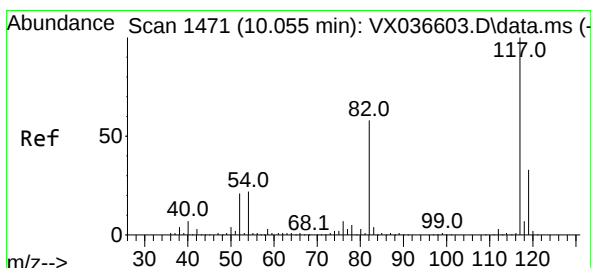
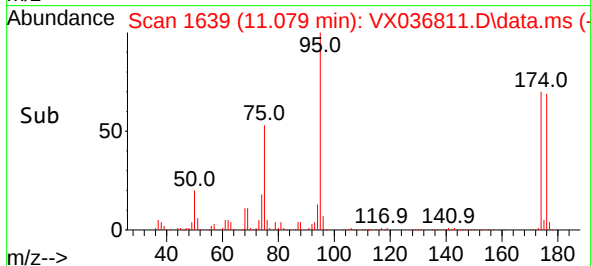
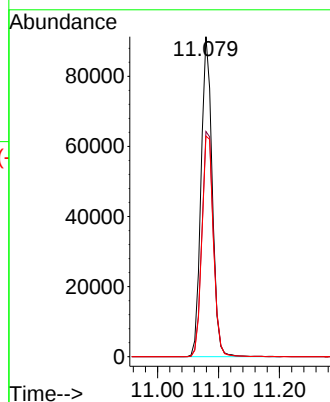
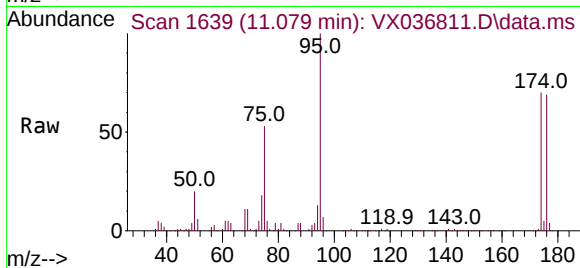




#62
4-Bromofluorobenzene
Concen: 49.260 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036811.D
Acq: 04 Aug 2023 15:31

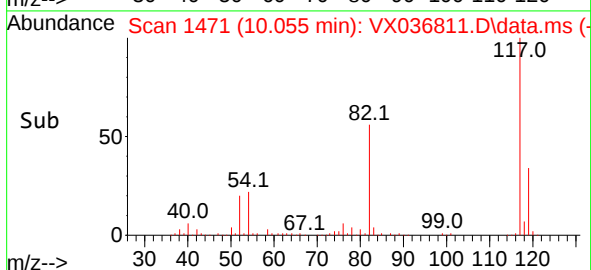
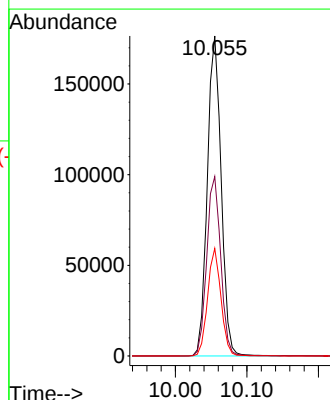
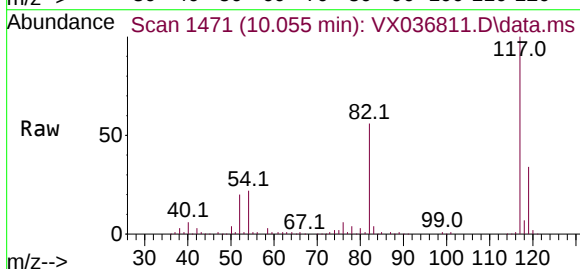
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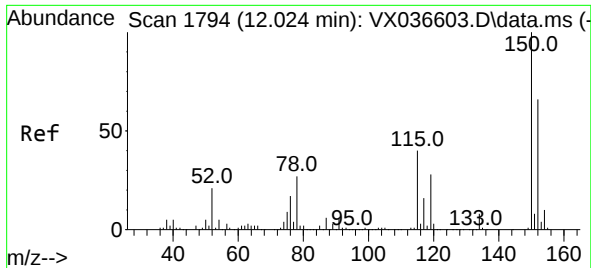
Tgt Ion: 95 Resp: 116067
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 71.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036811.D
Acq: 04 Aug 2023 15:31

Tgt Ion: 117 Resp: 237645
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 33.6 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: VX036811.D

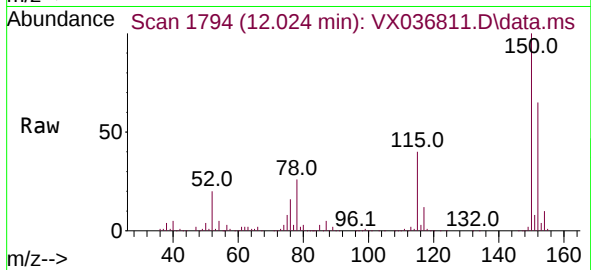
Acq: 04 Aug 2023 15:31

Instrument :

MSVOA_X

ClientSampleId :

ZHC#09



Tgt Ion:152 Resp: 106658

Ion Ratio Lower Upper

152 100

115 62.3 43.3 129.9

150 155.8 0.0 345.0

