

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036803.D
 Acq On : 04 Aug 2023 12:20
 Operator : JC/MD
 Sample : ZHC#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#01

Quant Time: Aug 04 23:07:52 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)

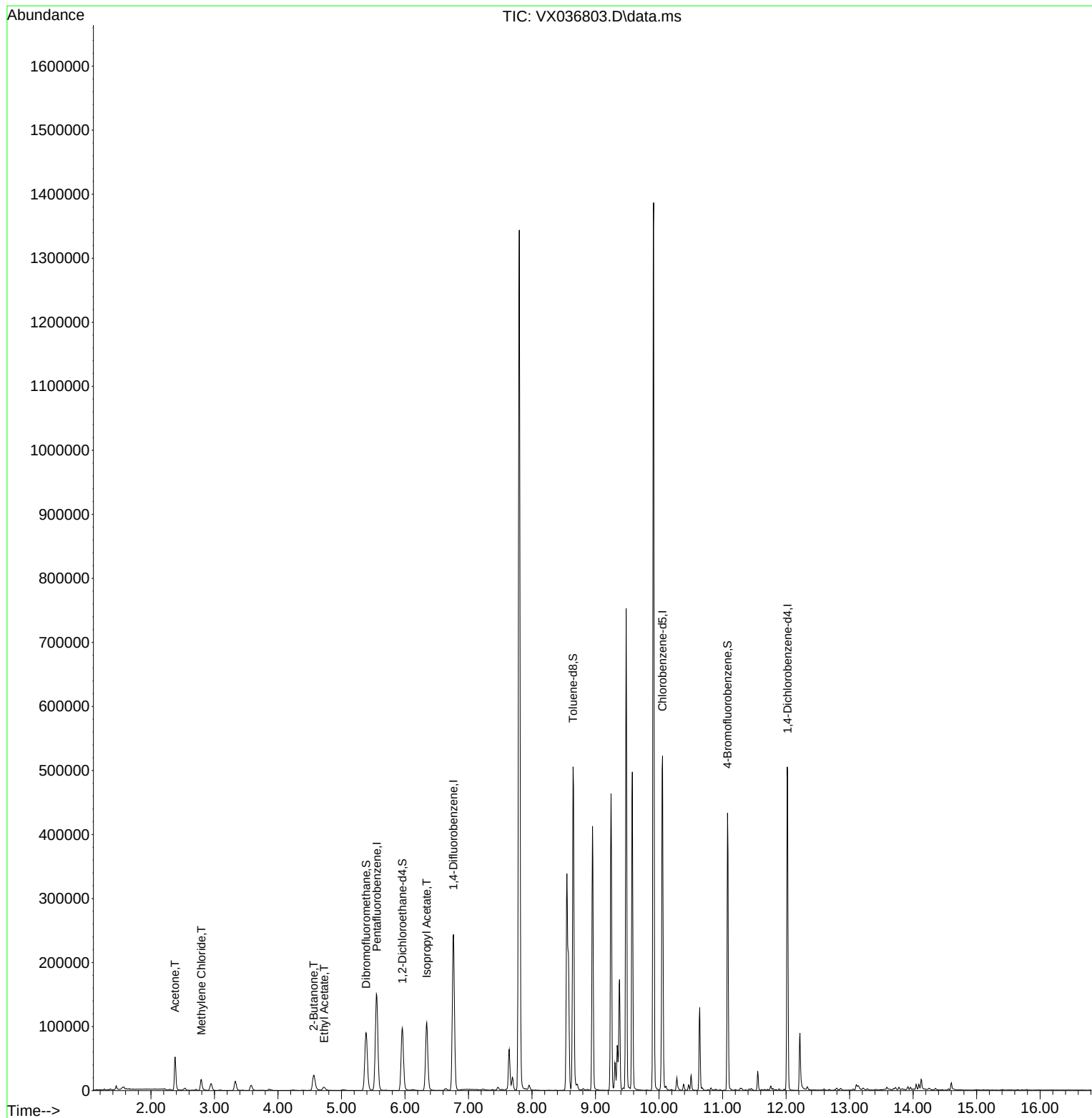
Internal Standards						
1) Pentafluorobenzene	5.556	168	137525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96460	47.403	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.800%
35) Dibromofluoromethane	5.385	113	79475	46.103	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.200%
50) Toluene-d8	8.647	98	299523	48.996	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.000%
62) 4-Bromofluorobenzene	11.079	95	113971	49.415	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.840%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	56093	66.429	ug/l	92
20) Methylene Chloride	2.794	84	9034	4.811	ug/l	89
25) 2-Butanone	4.562	43	31601	23.067	ug/l	98
37) Ethyl Acetate	4.727	43	8603	2.958	ug/l	96
43) Isopropyl Acetate	6.342	43	144653	28.896	ug/l	95

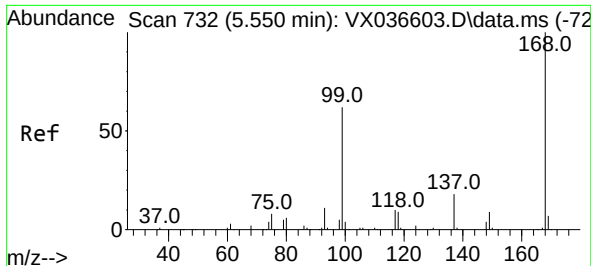
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

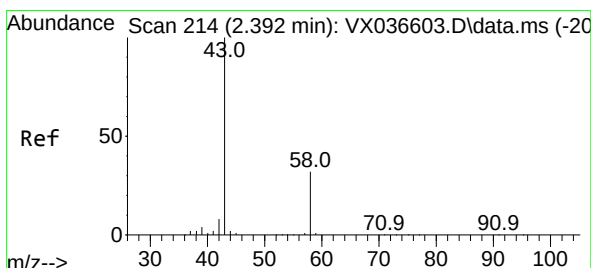
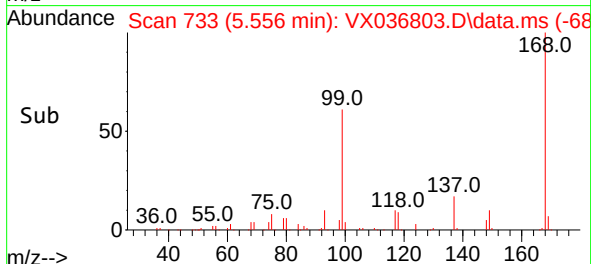
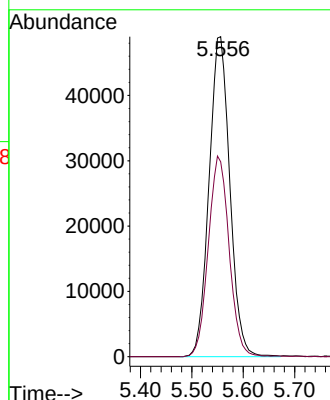
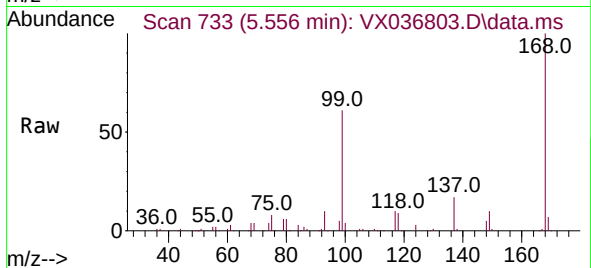




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036803.D
Acq: 04 Aug 2023 12:20

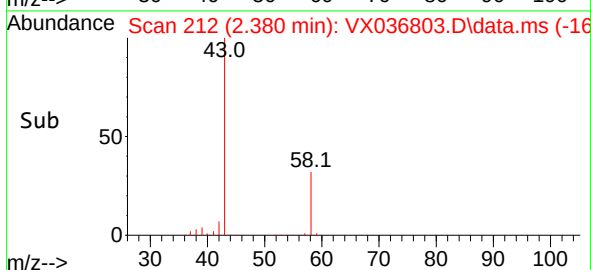
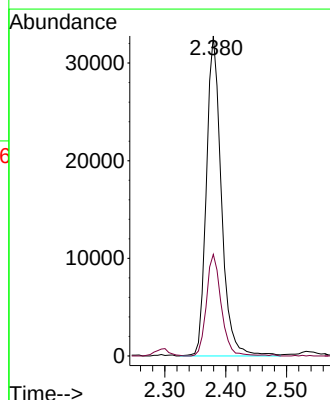
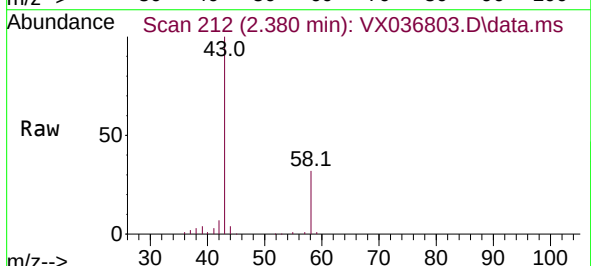
Instrument :
MSVOA_X
ClientSampleId :
ZHC#01

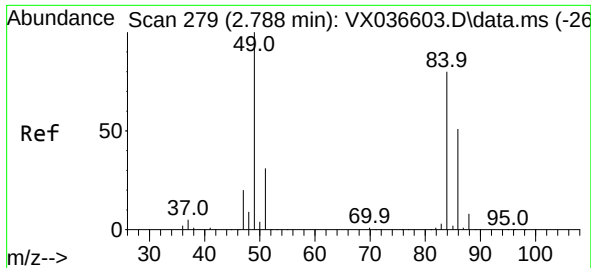
Tgt Ion:168 Resp: 137525
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0



#16
Acetone
Concen: 66.429 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036803.D
Acq: 04 Aug 2023 12:20

Tgt Ion: 43 Resp: 56093
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9

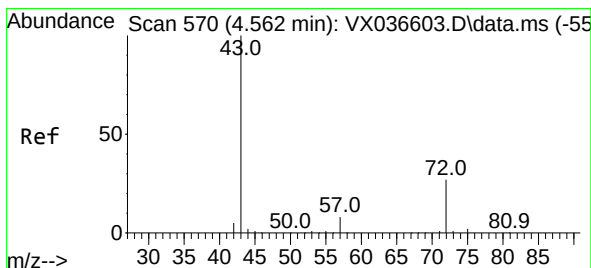
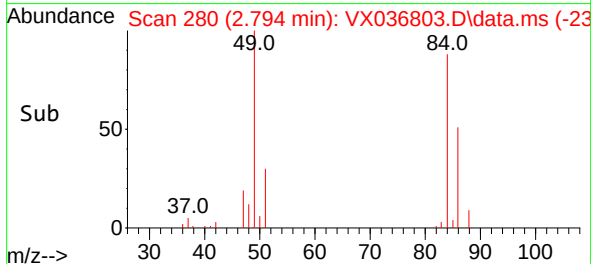
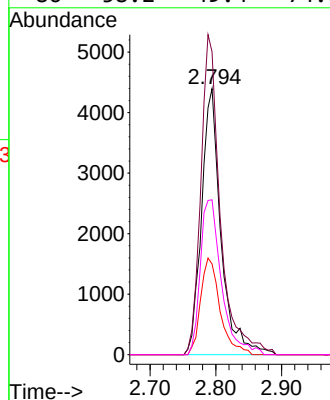
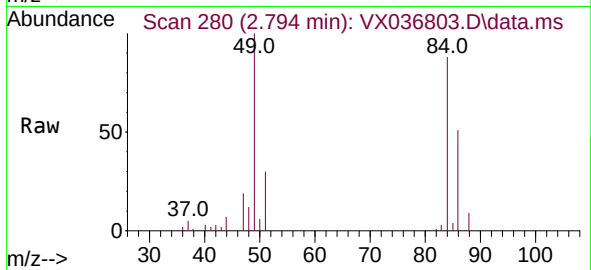




#20
Methylene Chloride
Concen: 4.811 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036803.D
Acq: 04 Aug 2023 12:20

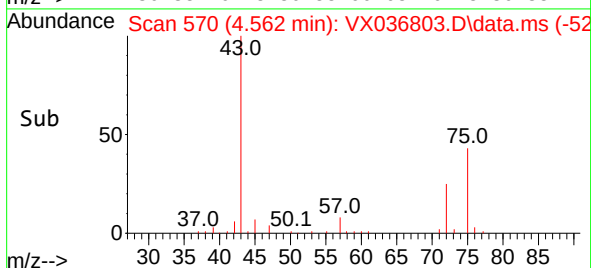
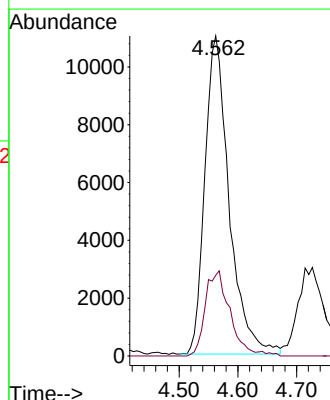
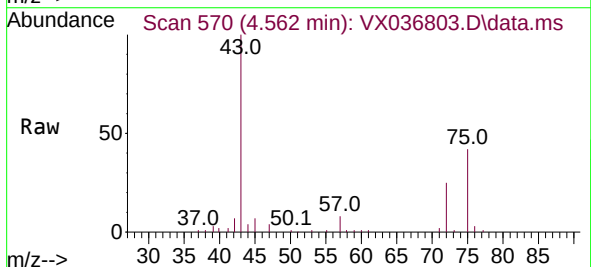
Instrument :
MSVOA_X
ClientSampleId :
ZHC#01

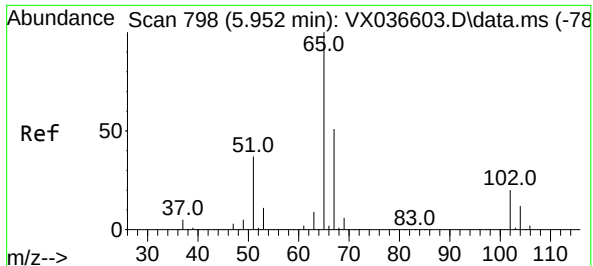
Tgt Ion:	84	Resp:	9034
Ion	Ratio	Lower	Upper
84	100		
49	113.8	103.6	155.4
51	34.1	33.8	50.6
86	58.2	49.4	74.0



#25
2-Butanone
Concen: 23.067 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX036803.D
Acq: 04 Aug 2023 12:20

Tgt Ion:	43	Resp:	31601
Ion	Ratio	Lower	Upper
43	100		
72	25.3	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 47.403 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036803.D

Acq: 04 Aug 2023 12:20

Instrument :

MSVOA_X

ClientSampleId :

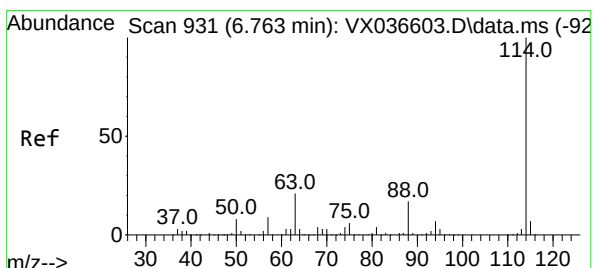
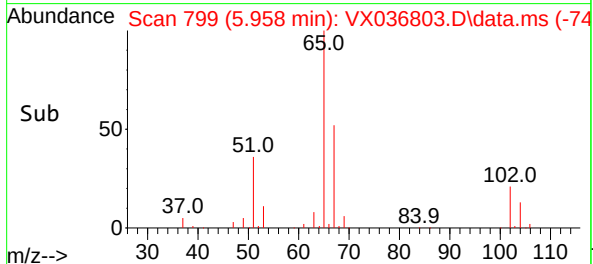
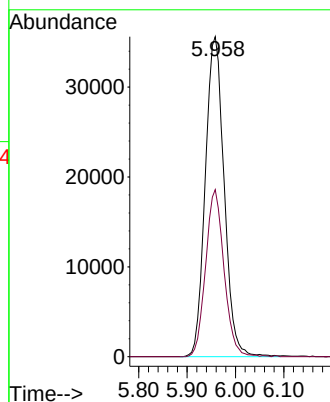
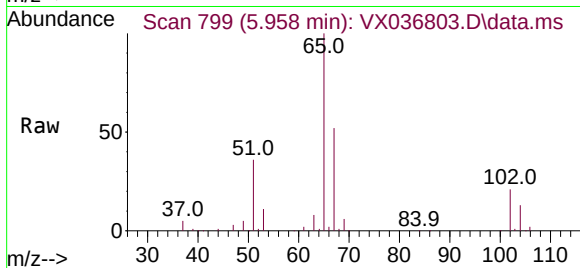
ZHC#01

Tgt Ion: 65 Resp: 96460

Ion Ratio Lower Upper

65 100

67 51.0 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: VX036803.D

Acq: 04 Aug 2023 12:20

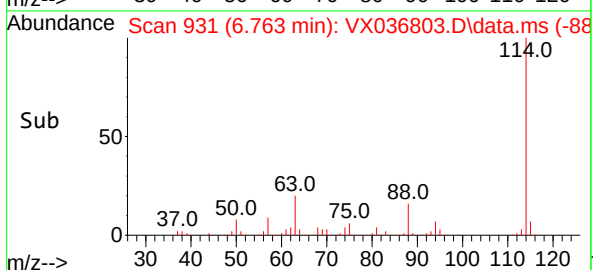
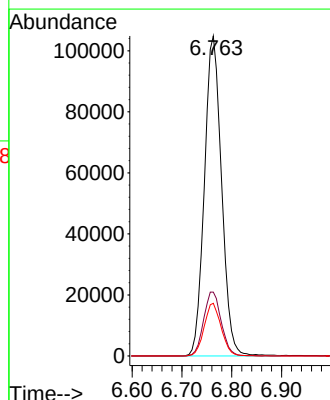
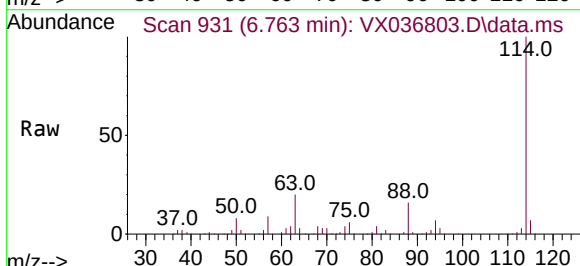
Tgt Ion: 114 Resp: 250799

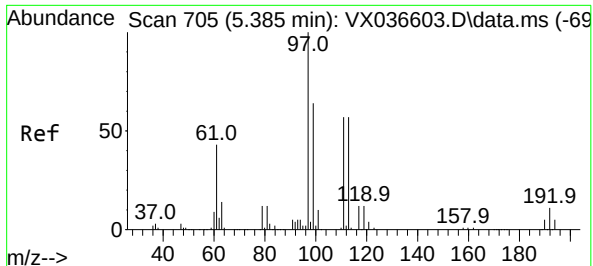
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.103 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036803.D

Acq: 04 Aug 2023 12:20

Instrument :

MSVOA_X

ClientSampleId :

ZHC#01

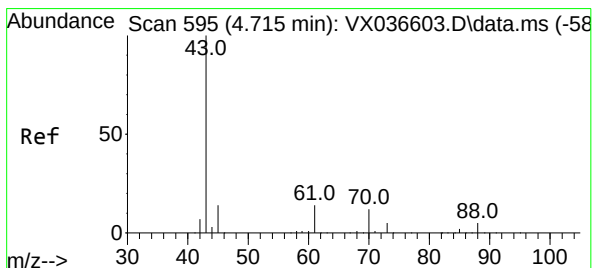
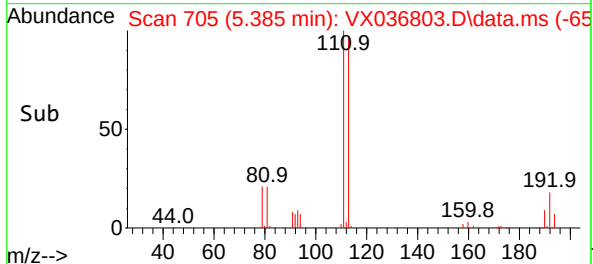
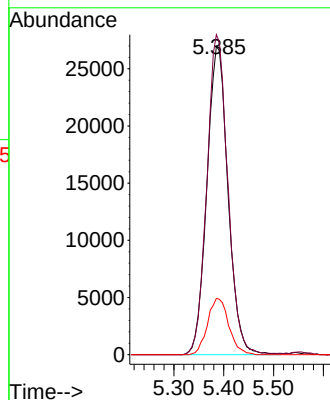
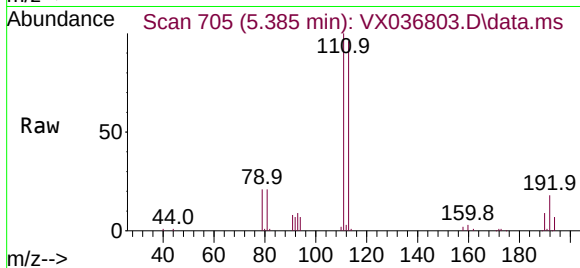
Tgt Ion:113 Resp: 79475

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 18.3 13.3 19.9



#37

Ethyl Acetate

Concen: 2.958 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX036803.D

Acq: 04 Aug 2023 12:20

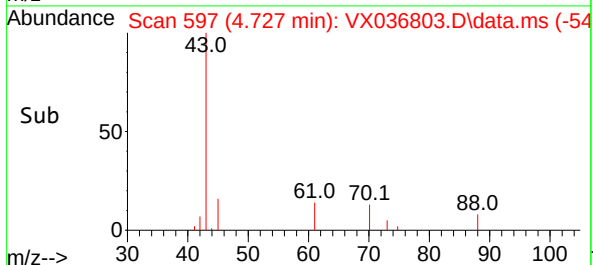
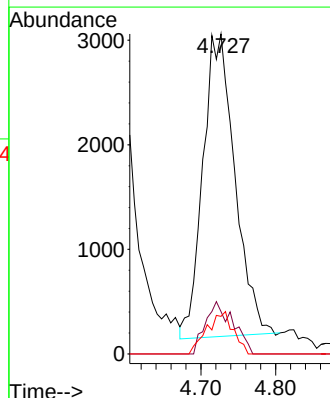
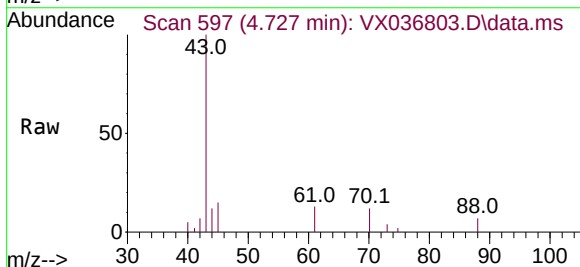
Tgt Ion: 43 Resp: 8603

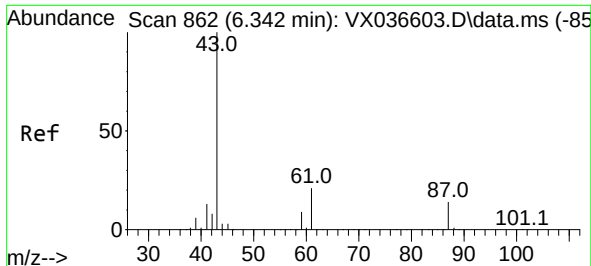
Ion Ratio Lower Upper

43 100

61 15.0 10.6 16.0

70 11.5 8.3 12.5

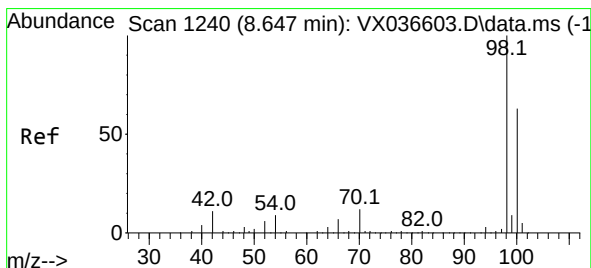
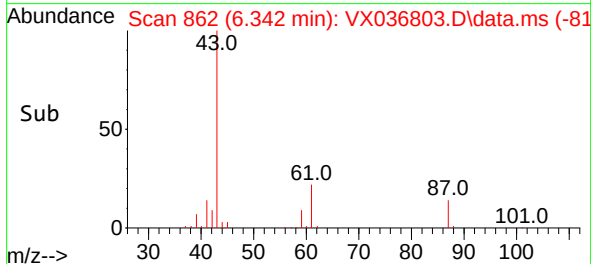
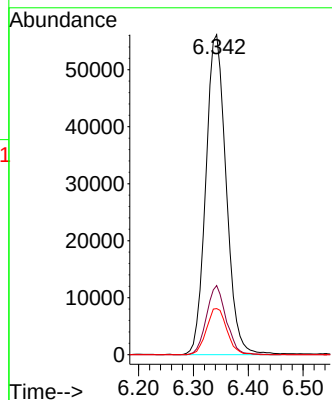
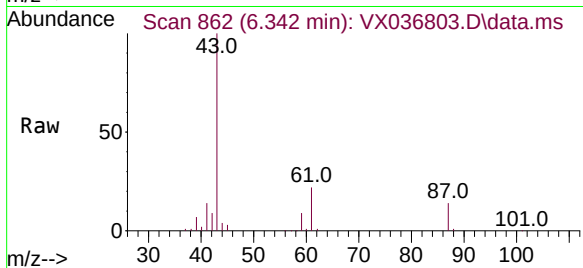




#43
Isopropyl Acetate
Concen: 28.896 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036803.D
Acq: 04 Aug 2023 12:20

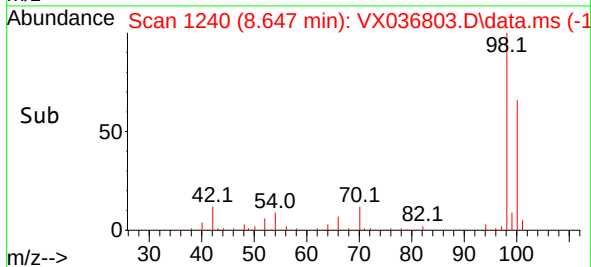
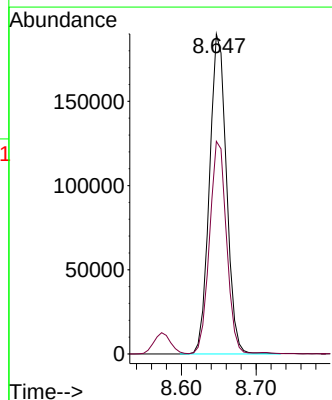
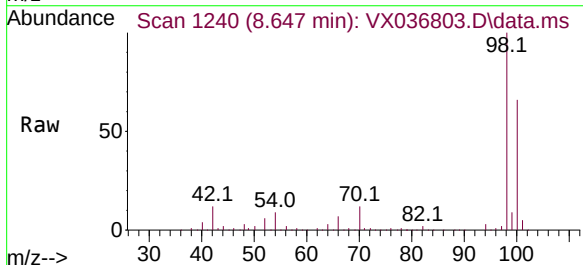
Instrument :
MSVOA_X
ClientSampleId :
ZHC#01

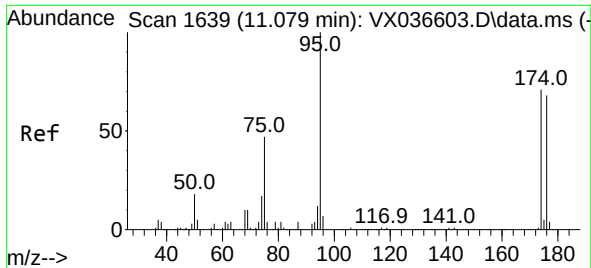
Tgt Ion: 43 Resp: 144653
Ion Ratio Lower Upper
43 100
61 20.9 15.2 22.8
87 14.5 9.8 14.6



#50
Toluene-d8
Concen: 48.996 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036803.D
Acq: 04 Aug 2023 12:20

Tgt Ion: 98 Resp: 299523
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

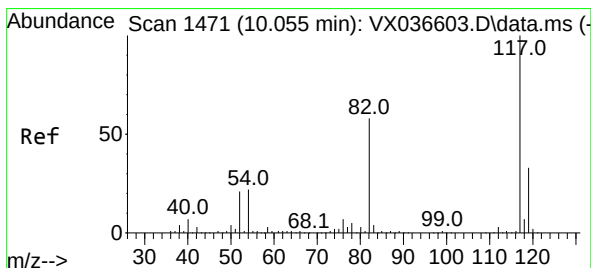
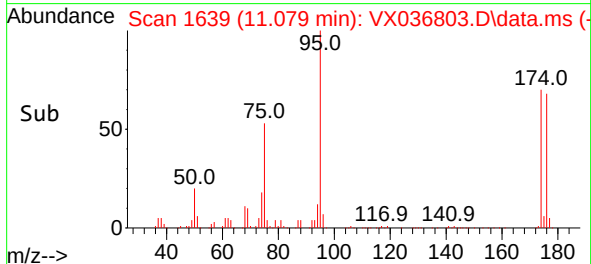
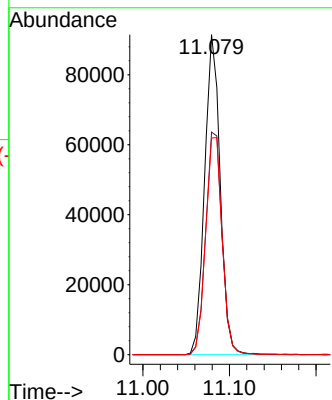
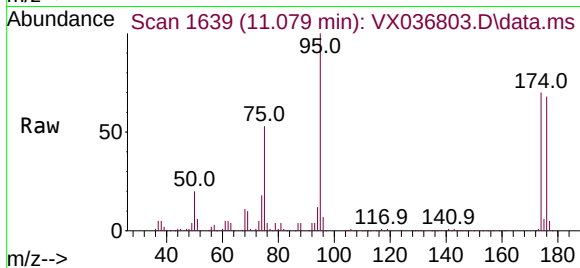




#62
4-Bromofluorobenzene
Concen: 49.415 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036803.D
Acq: 04 Aug 2023 12:20

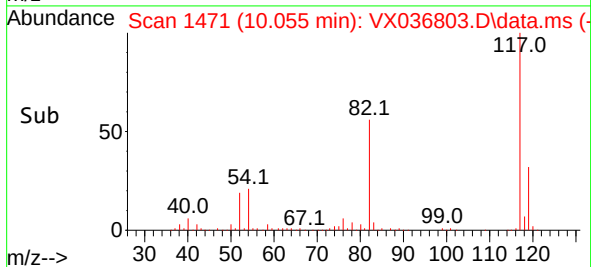
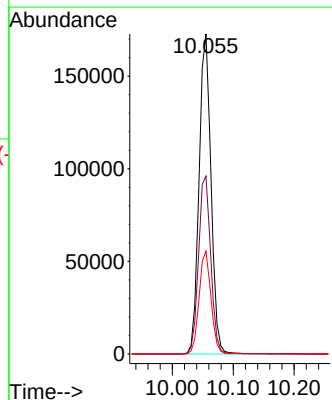
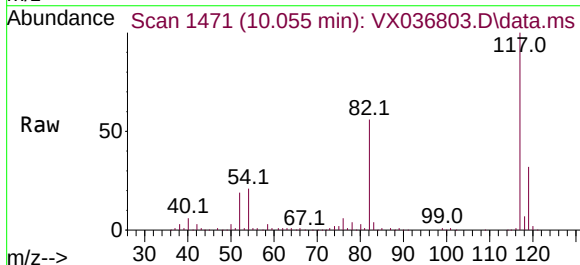
Instrument :
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ClientSampleId :
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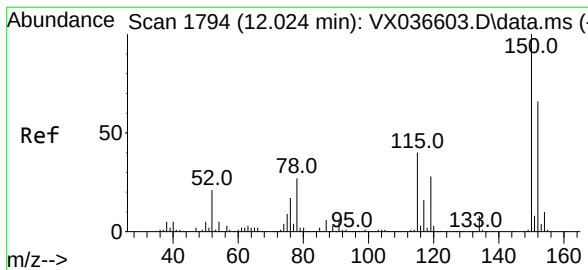
Tgt Ion: 95 Resp: 113971
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 72.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036803.D
Acq: 04 Aug 2023 12:20

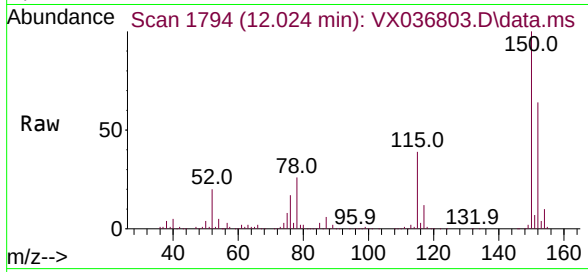
Tgt Ion: 117 Resp: 235031
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036803.D
 Acq: 04 Aug 2023 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#01



Tgt Ion:152 Resp: 105137

Ion	Ratio	Lower	Upper
152	100		
115	62.8	43.3	129.9
150	155.9	0.0	345.0

