

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037018.D
 Acq On : 16 Aug 2023 15:24
 Operator : JC/MD
 Sample : 04024-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20230815

Quant Time: Aug 17 04:15:56 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)

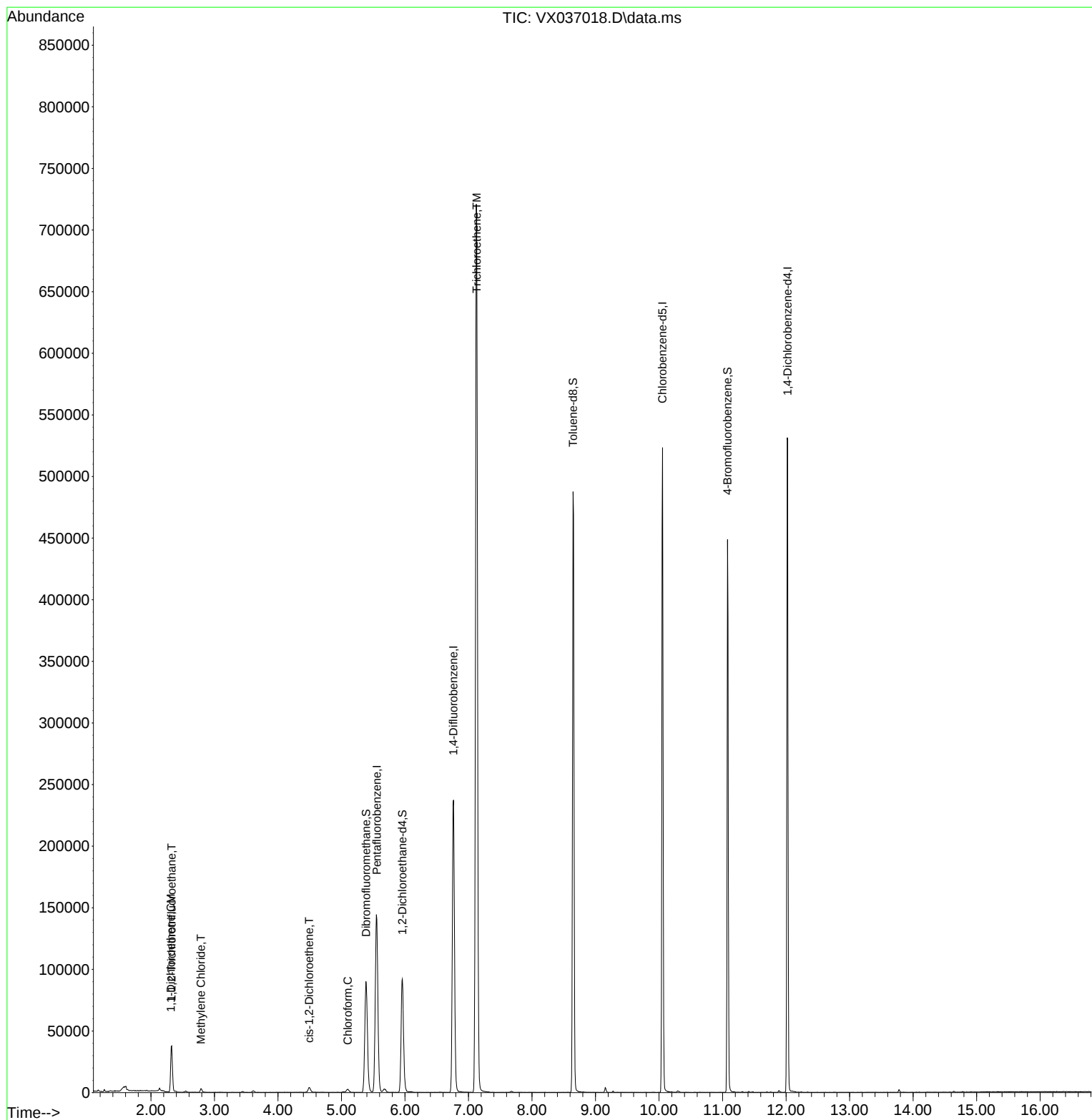
Internal Standards						
1) Pentafluorobenzene	5.556	168	134464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	247490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92949	46.718	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.440%
35) Dibromofluoromethane	5.385	113	78478	46.133	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.260%
50) Toluene-d8	8.647	98	294927	48.890	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.780%
62) 4-Bromofluorobenzene	11.079	95	119015	52.292	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.580%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	10729	7.030	ug/l	99
12) 1,1-Dichloroethene	2.312	96	5344	3.549	ug/l	89
20) Methylene Chloride	2.788	84	1468	0.800	ug/l #	87
27) cis-1,2-Dichloroethene	4.489	96	2604	1.303	ug/l	87
30) Chloroform	5.099	83	3119	0.966	ug/l	89
44) Trichloroethene	7.129	130	286677	148.673	ug/l	96

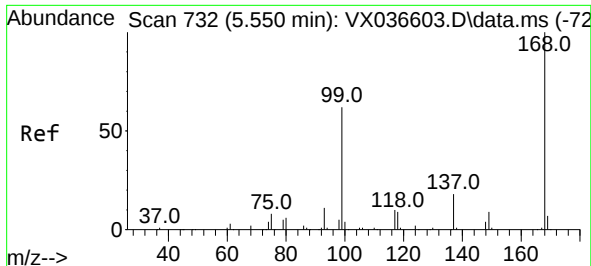
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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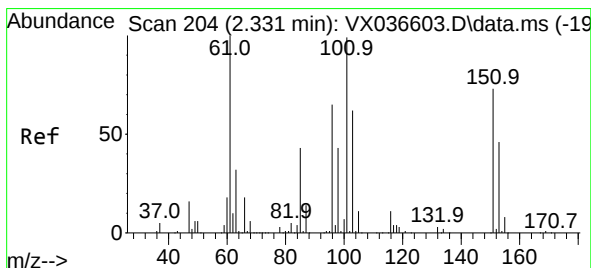
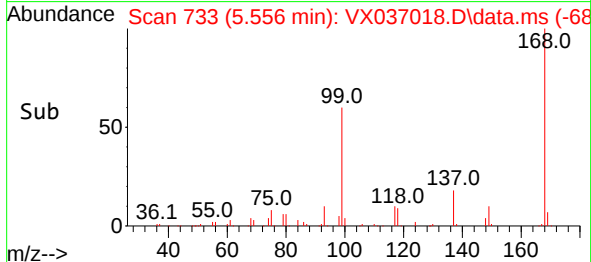
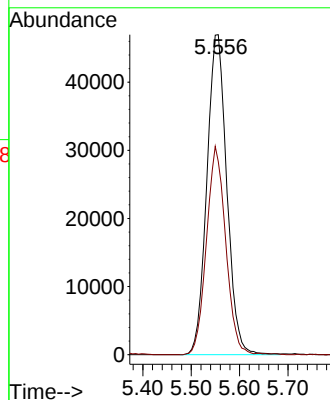
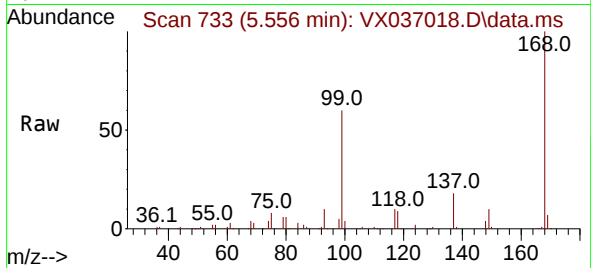




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037018.D
Acq: 16 Aug 2023 15:24

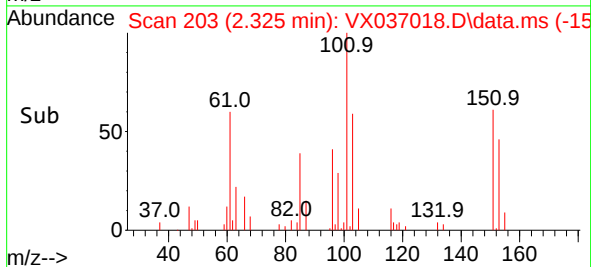
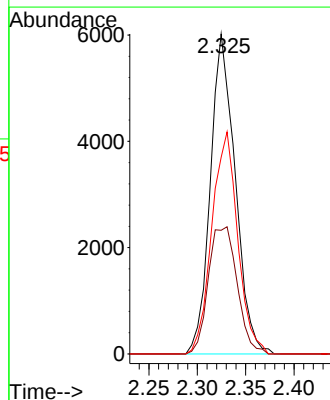
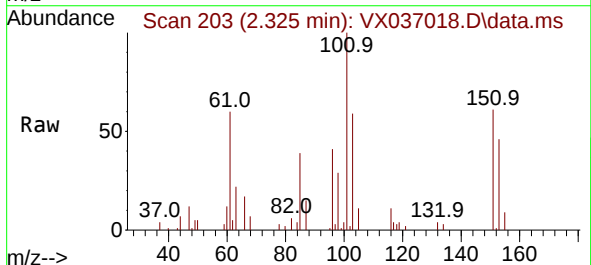
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20230815

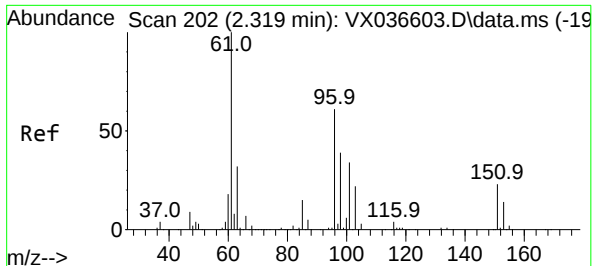
Tgt Ion:168 Resp: 134464
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.030 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX037018.D
Acq: 16 Aug 2023 15:24

Tgt Ion:101 Resp: 10729
Ion Ratio Lower Upper
101 100
85 46.1 37.0 55.6
151 72.3 58.6 87.8





#12

1,1-Dichloroethene

Concen: 3.549 ug/l

RT: 2.312 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037018.D

Acq: 16 Aug 2023 15:24

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20230815

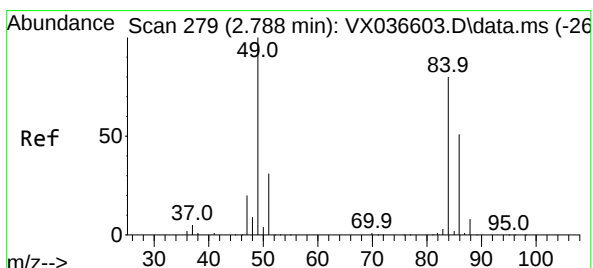
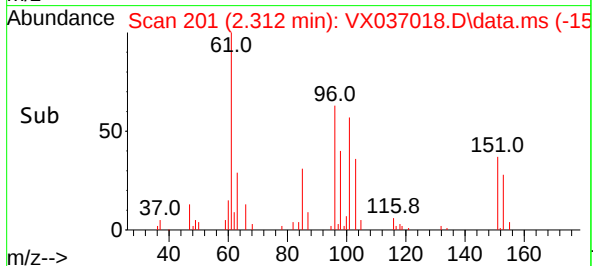
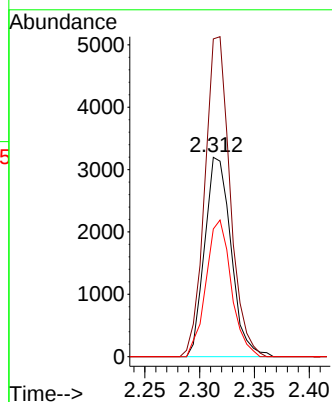
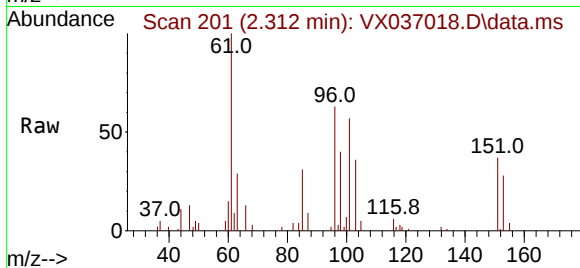
Tgt Ion: 96 Resp: 5344

Ion Ratio Lower Upper

96 100

61 159.4 144.6 216.8

98 64.1 50.4 75.6



#20

Methylene Chloride

Concen: 0.800 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX037018.D

Acq: 16 Aug 2023 15:24

Tgt Ion: 84 Resp: 1468

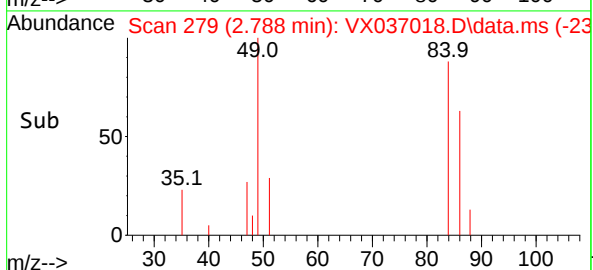
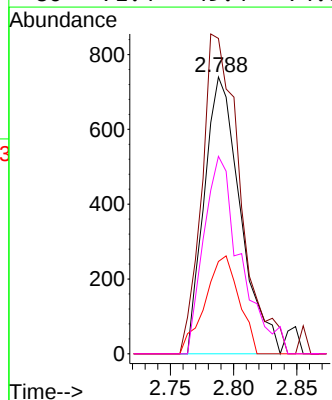
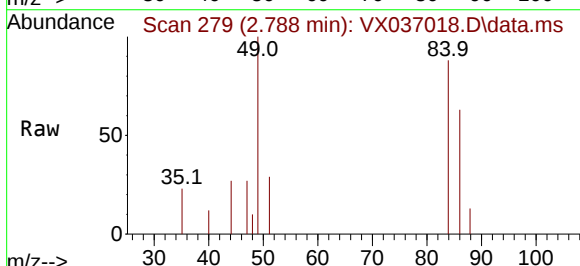
Ion Ratio Lower Upper

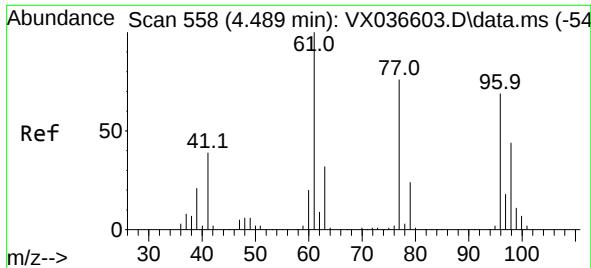
84 100

49 113.9 103.6 155.4

51 33.4 33.8 50.6#

86 71.4 49.4 74.0

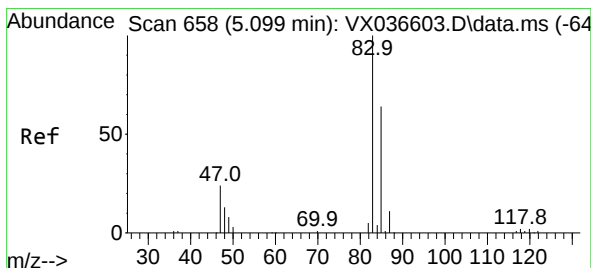
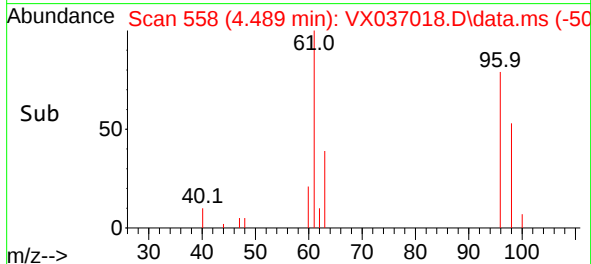
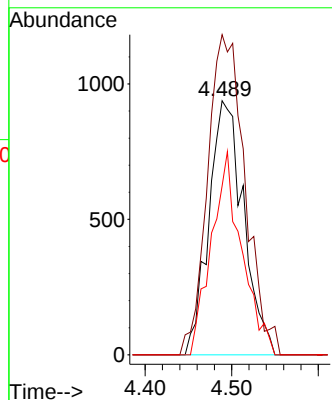
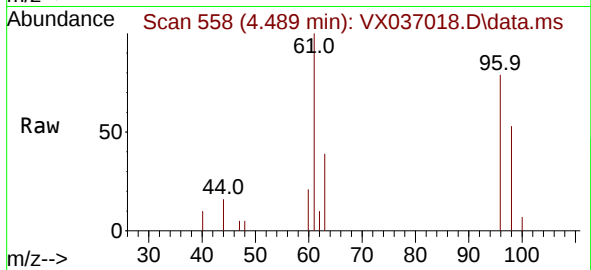




#27
cis-1,2-Dichloroethene
Concen: 1.303 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX037018.D
Acq: 16 Aug 2023 15:24

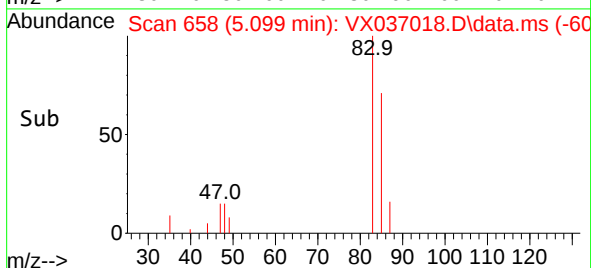
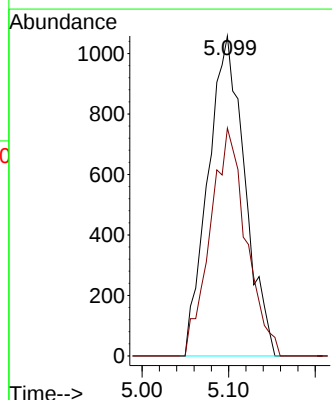
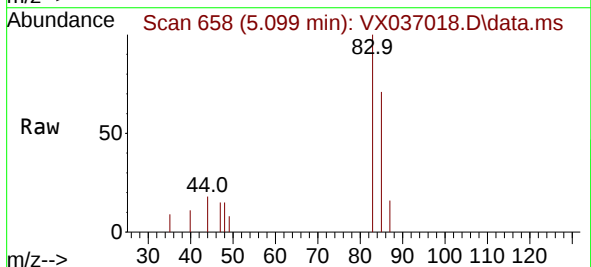
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20230815

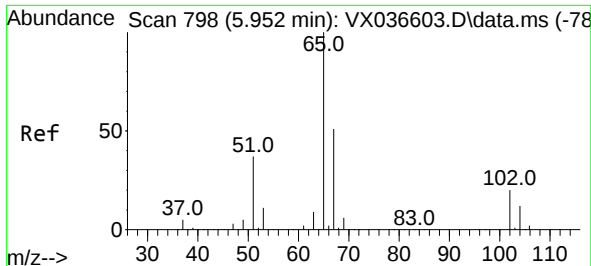
Tgt Ion: 96 Resp: 2604
Ion Ratio Lower Upper
96 100
61 136.7 0.0 312.2
98 70.2 0.0 129.0



#30
Chloroform
Concen: 0.966 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX037018.D
Acq: 16 Aug 2023 15:24

Tgt Ion: 83 Resp: 3119
Ion Ratio Lower Upper
83 100
85 71.2 50.3 75.5

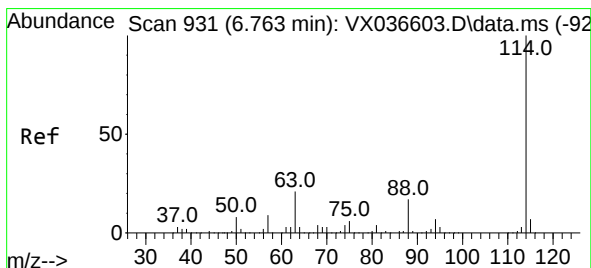
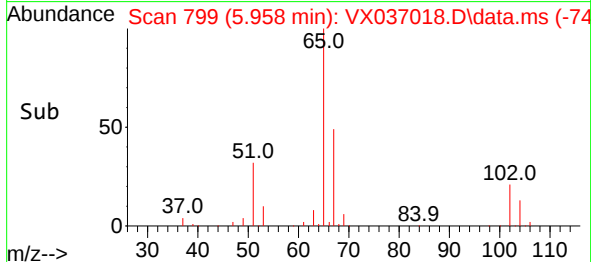
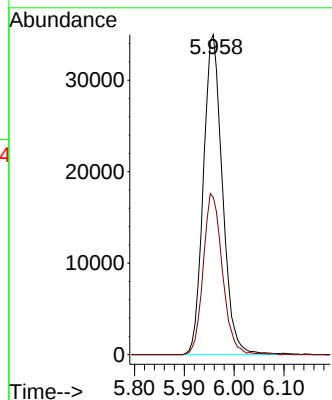
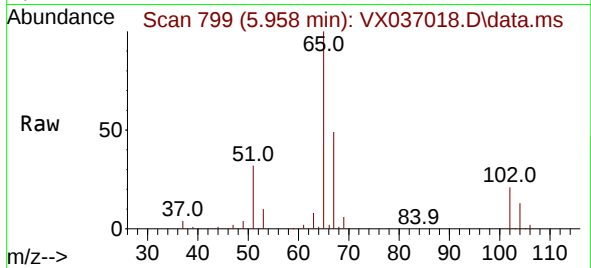




#33
 1,2-Dichloroethane-d4
 Concen: 46.718 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX037018.D
 Acq: 16 Aug 2023 15:24

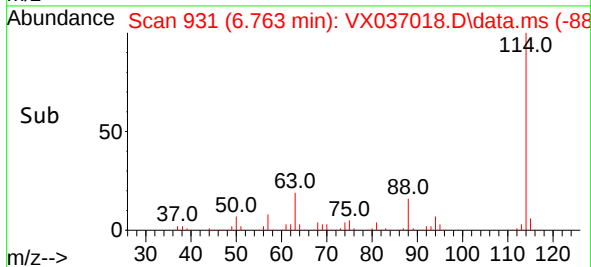
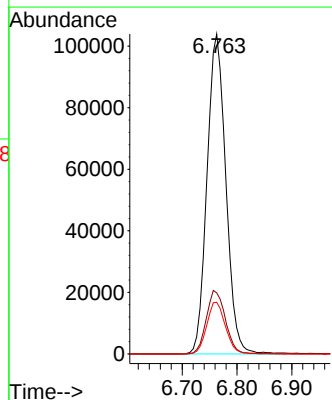
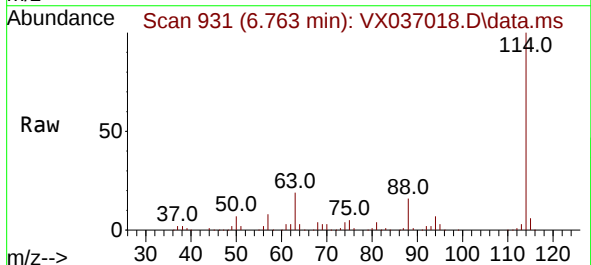
Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20230815

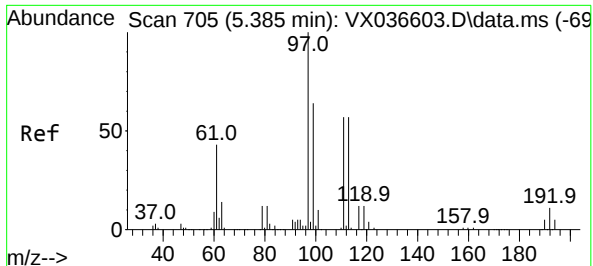
Tgt Ion: 65 Resp: 92949
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037018.D
 Acq: 16 Aug 2023 15:24

Tgt Ion: 114 Resp: 247490
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 45.0
 88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.133 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037018.D

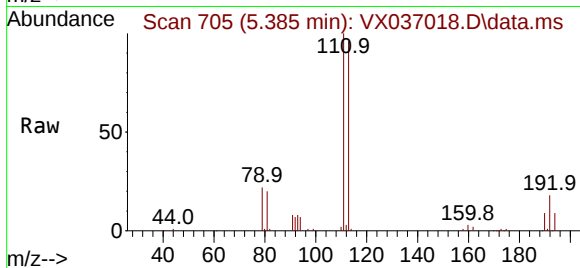
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Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20230815



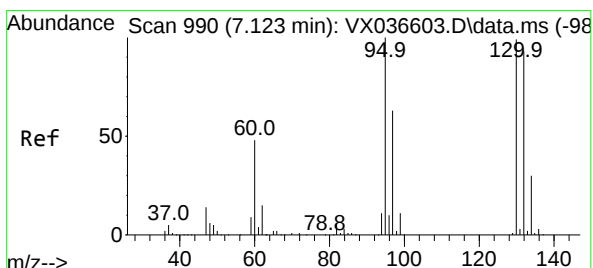
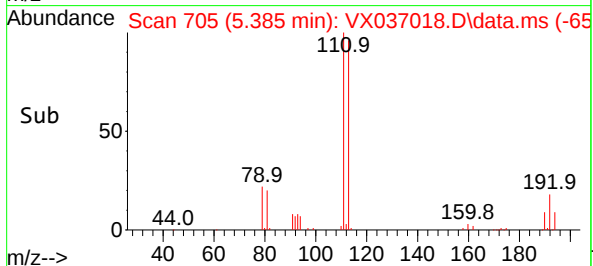
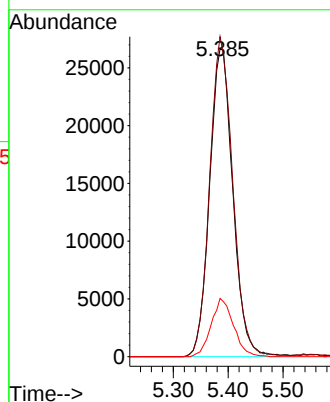
Tgt Ion:113 Resp: 78478

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 18.2 13.3 19.9



#44

Trichloroethene

Concen: 148.673 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037018.D

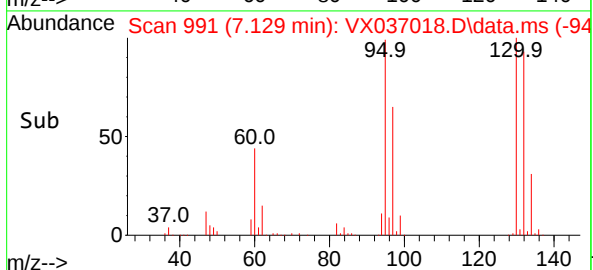
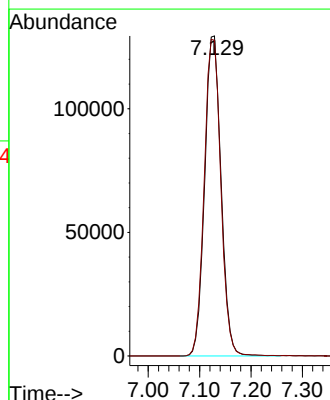
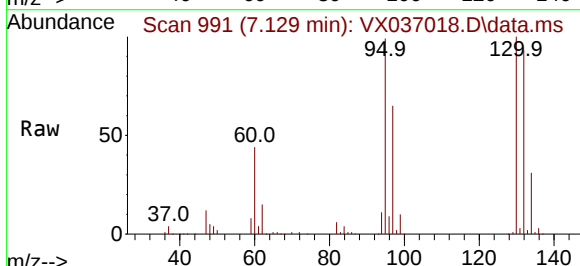
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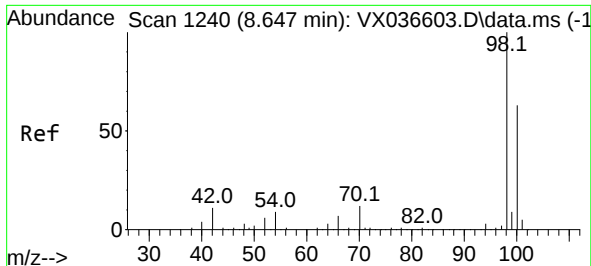
Tgt Ion:130 Resp: 286677

Ion Ratio Lower Upper

130 100

95 98.6 0.0 204.4

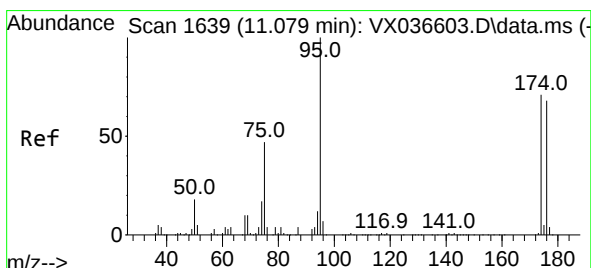
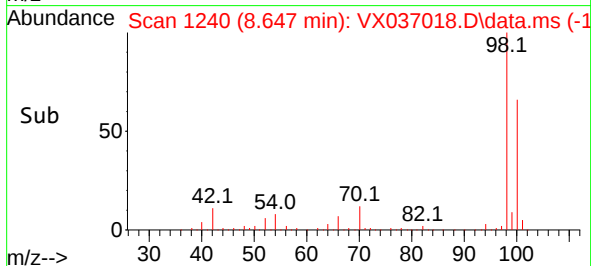
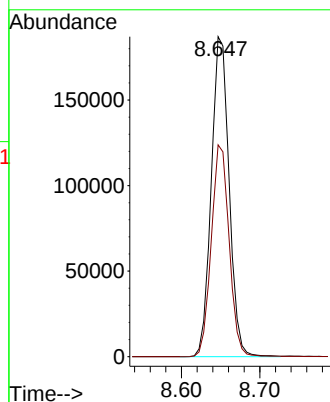
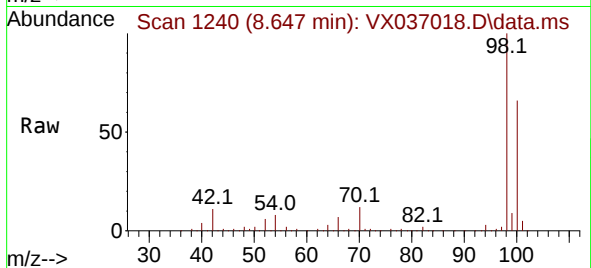




#50
Toluene-d8
Concen: 48.890 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037018.D
Acq: 16 Aug 2023 15:24

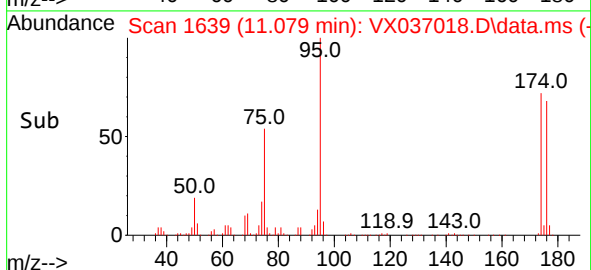
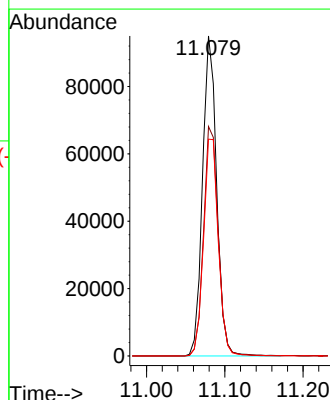
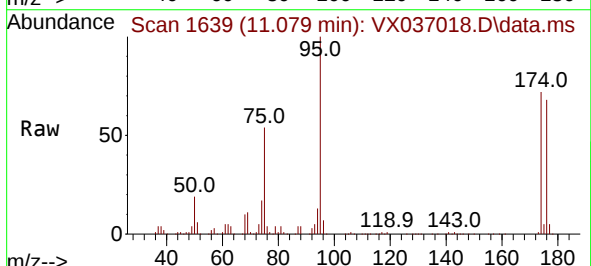
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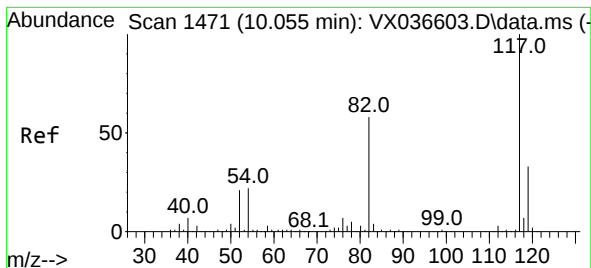
Tgt Ion: 98 Resp: 294927
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.292 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037018.D
Acq: 16 Aug 2023 15:24

Tgt Ion: 95 Resp: 119015
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 71.1 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: VX037018.D

Acq: 16 Aug 2023 15:24

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20230815

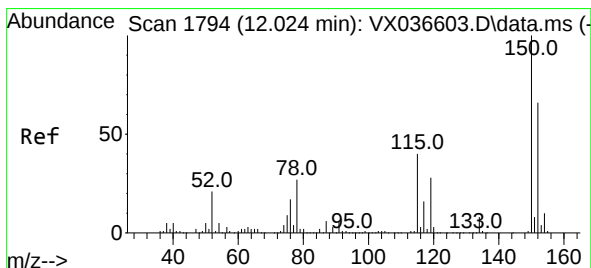
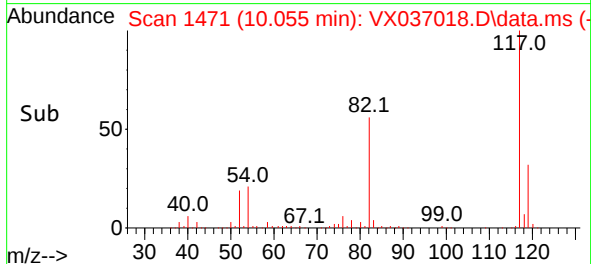
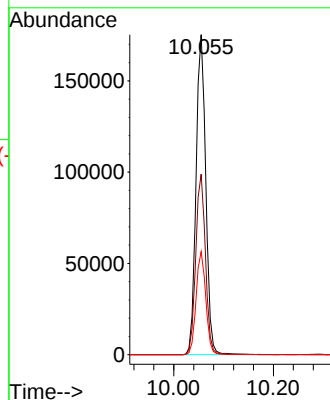
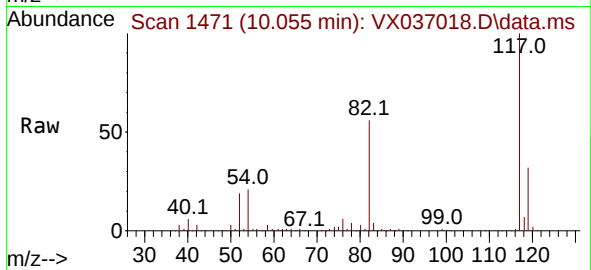
Tgt Ion:117 Resp: 237671

Ion Ratio Lower Upper

117 100

82 56.4 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# 1794

Delta R.T. -0.000 min

Lab File: VX037018.D

Acq: 16 Aug 2023 15:24

Tgt Ion:152 Resp: 112648

Ion Ratio Lower Upper

152 100

115 62.7 43.3 129.9

150 156.1 0.0 345.0

