

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037025.D
 Acq On : 16 Aug 2023 18:12
 Operator : JC/MD
 Sample : 04024-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20230815

Quant Time: Aug 17 04:18:22 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)

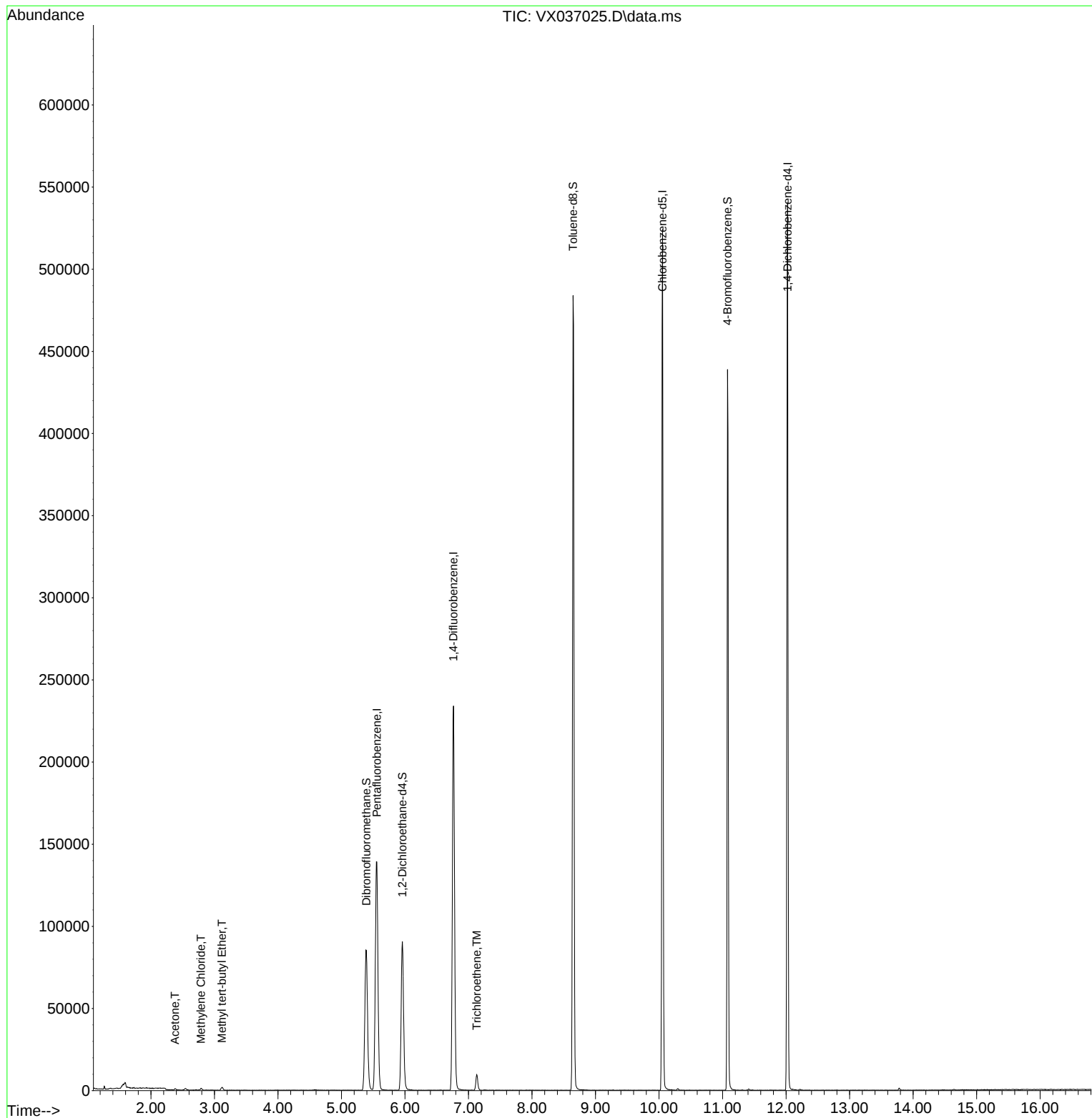
Internal Standards						
1) Pentafluorobenzene	5.556	168	130085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91794	47.690	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.380%
35) Dibromofluoromethane	5.391	113	76596	45.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.740%
50) Toluene-d8	8.647	98	292545	49.404	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.800%
62) 4-Bromofluorobenzene	11.079	95	119585	53.528	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.060%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	918	1.149	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	2129	0.389	ug/l	91
20) Methylene Chloride	2.788	84	600	0.338	ug/l #	89
44) Trichloroethene	7.129	130	3817	2.017	ug/l	87

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

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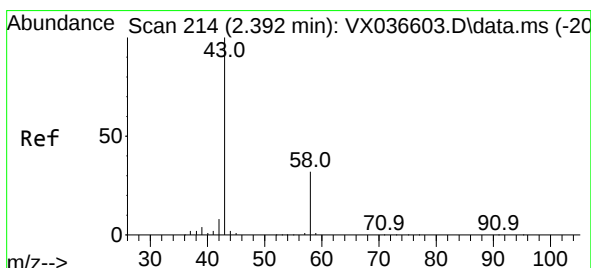
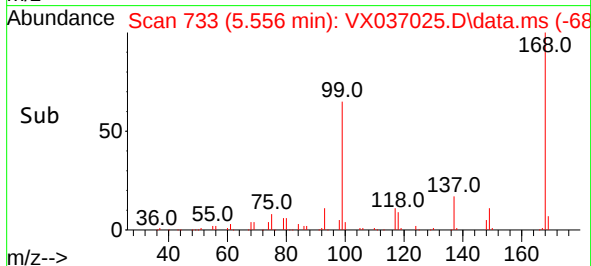
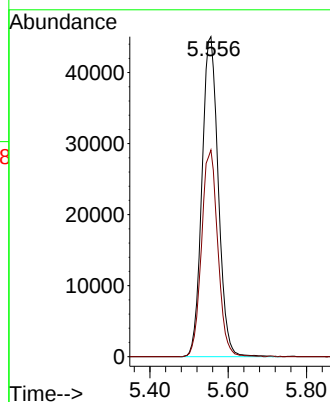
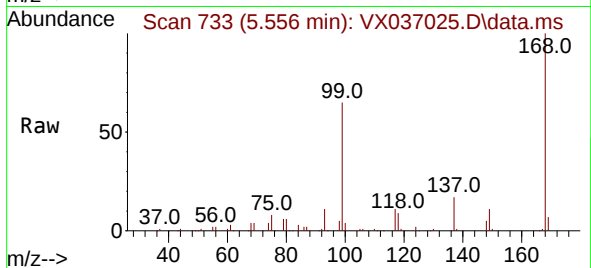




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037025.D
Acq: 16 Aug 2023 18:12

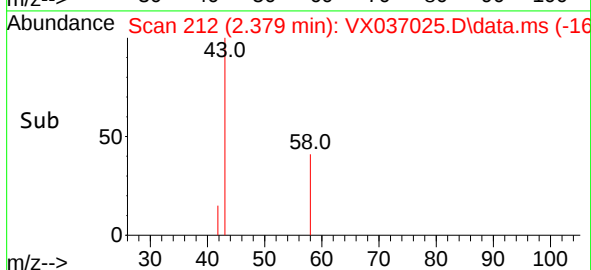
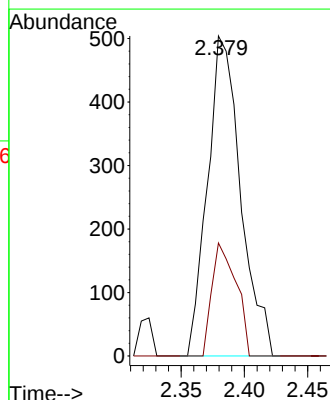
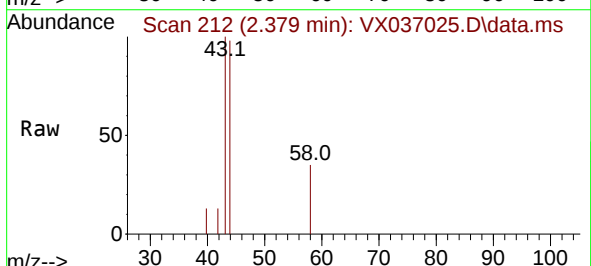
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20230815

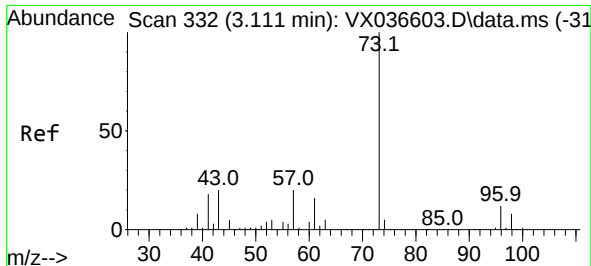
Tgt Ion:168 Resp: 130085
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0



#16
Acetone
Concen: 1.149 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX037025.D
Acq: 16 Aug 2023 18:12

Tgt Ion: 43 Resp: 918
Ion Ratio Lower Upper
43 100
58 35.3 21.9 32.9#





#19

Methyl tert-butyl Ether

Concen: 0.389 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX037025.D

Acq: 16 Aug 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

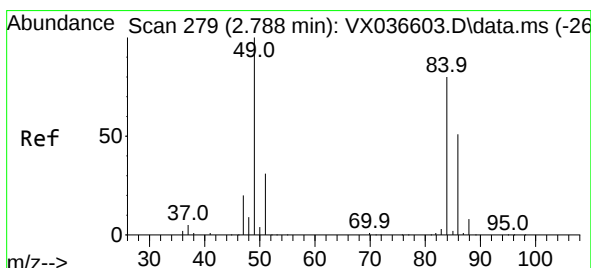
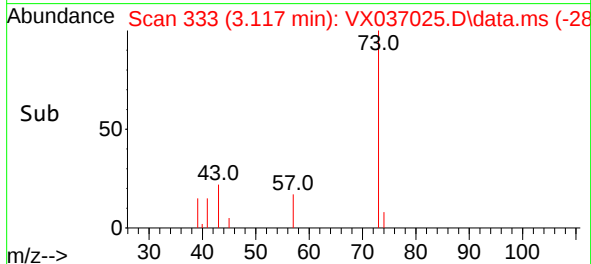
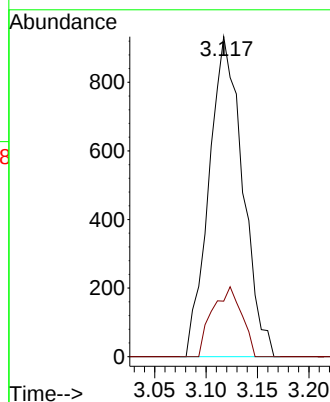
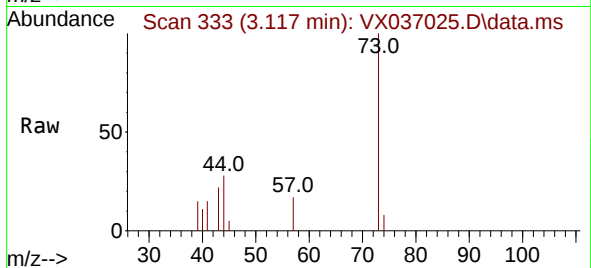
TT14911-20230815

Tgt Ion: 73 Resp: 2129

Ion Ratio Lower Upper

73 100

57 17.4 17.3 25.9



#20

Methylene Chloride

Concen: 0.338 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX037025.D

Acq: 16 Aug 2023 18:12

Tgt Ion: 84 Resp: 600

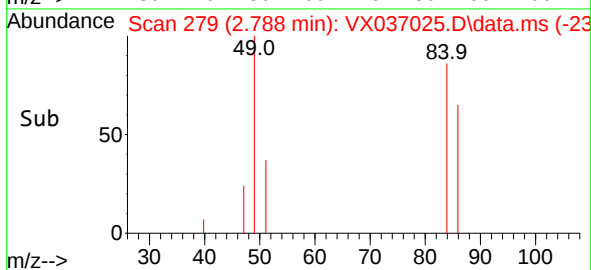
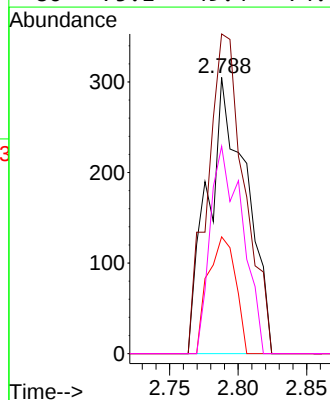
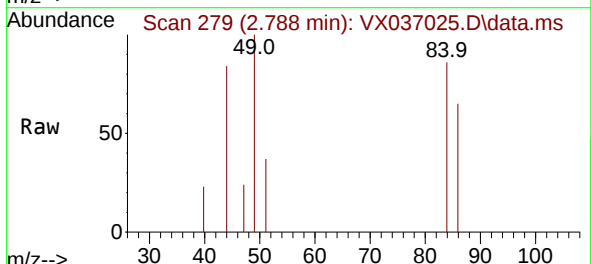
Ion Ratio Lower Upper

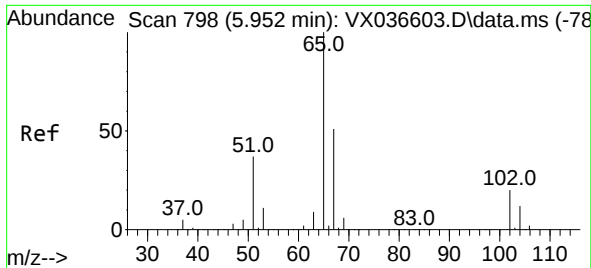
84 100

49 115.7 103.6 155.4

51 42.3 33.8 50.6

86 75.1 49.4 74.0#

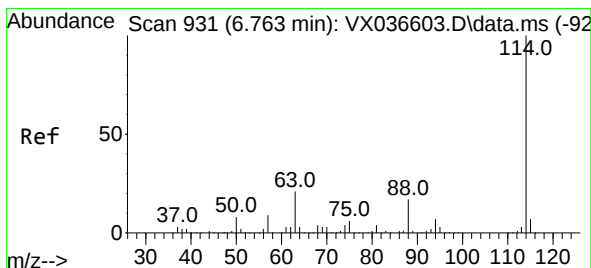
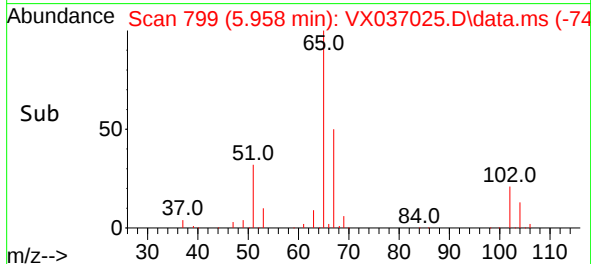
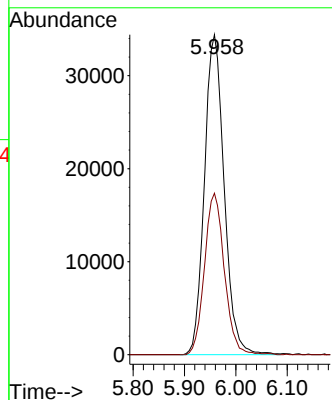
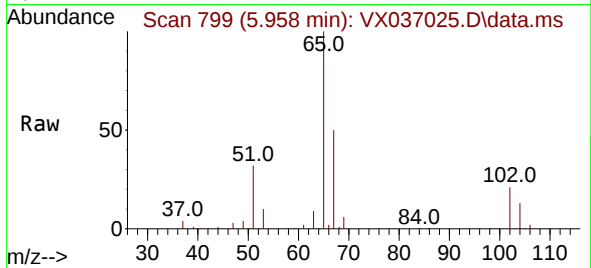




#33
 1,2-Dichloroethane-d4
 Concen: 47.690 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX037025.D
 Acq: 16 Aug 2023 18:12

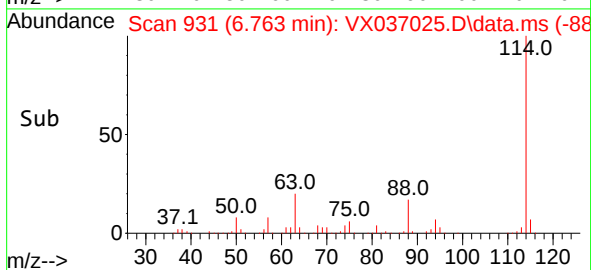
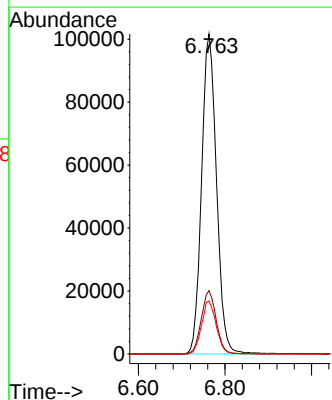
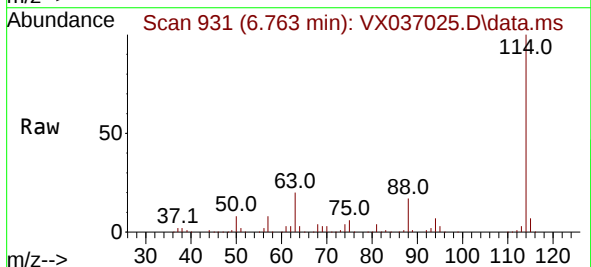
Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20230815

Tgt Ion: 65 Resp: 91794
 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: VX037025.D
 Acq: 16 Aug 2023 18:12

Tgt Ion: 114 Resp: 242935
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 45.0
 88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.871 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037025.D

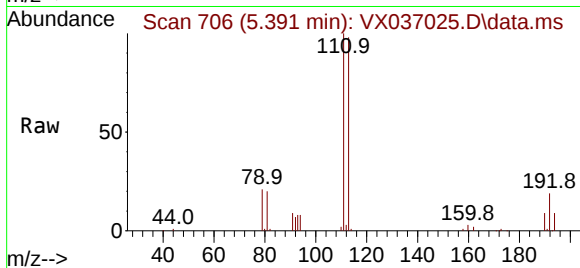
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Instrument :

MSVOA_X

ClientSampleId :

TT14911-20230815



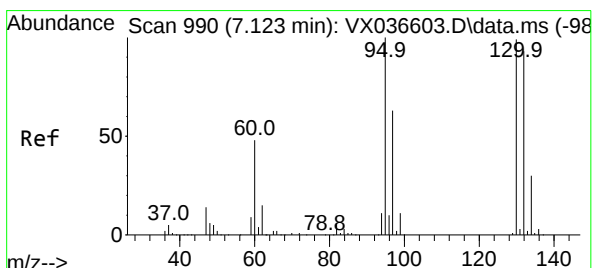
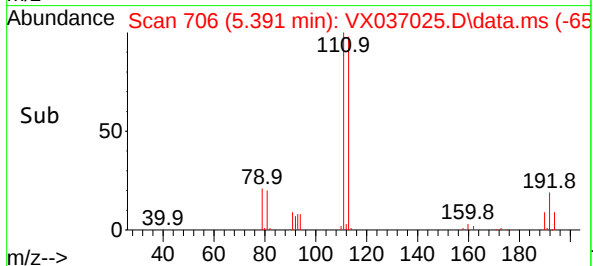
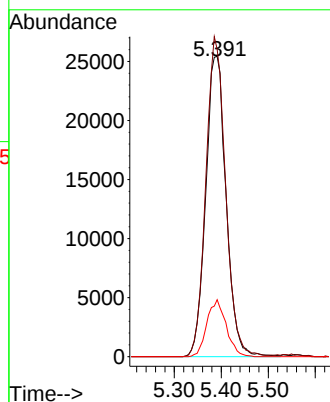
Tgt Ion:113 Resp: 76596

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 18.0 13.3 19.9



#44

Trichloroethene

Concen: 2.017 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037025.D

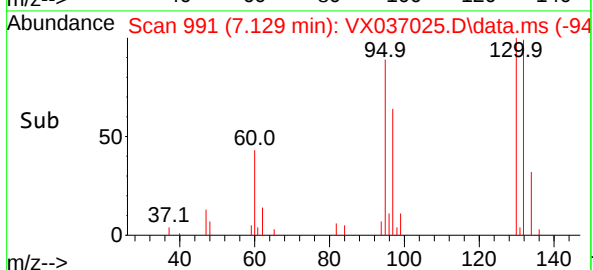
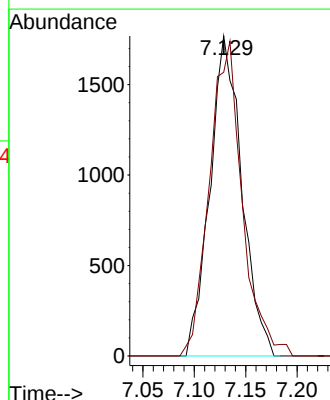
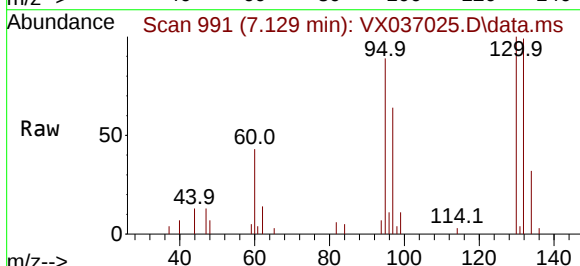
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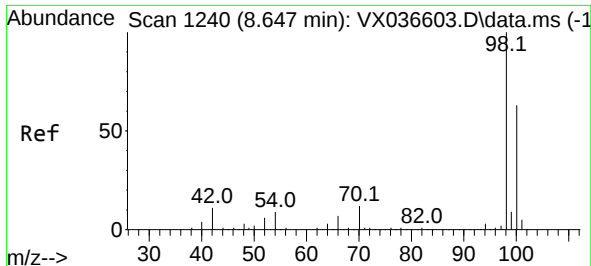
Tgt Ion:130 Resp: 3817

Ion Ratio Lower Upper

130 100

95 88.6 0.0 204.4

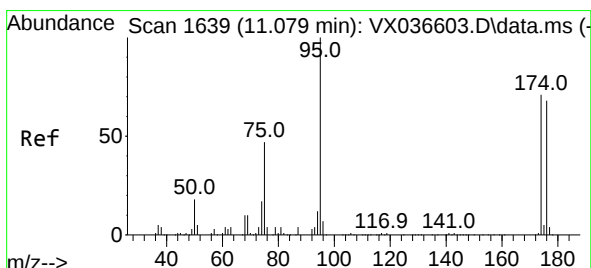
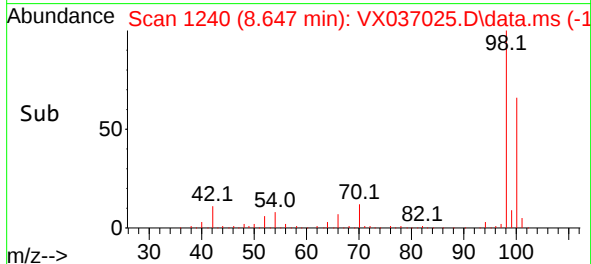
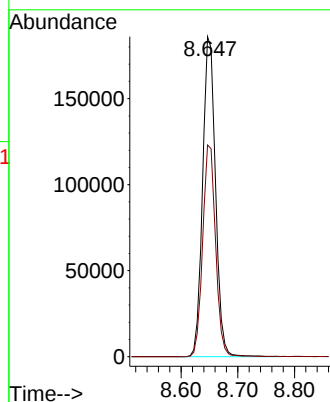
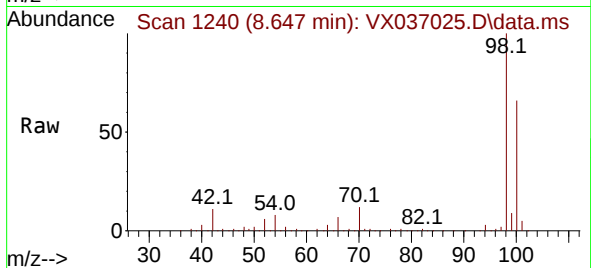




#50
Toluene-d8
Concen: 49.404 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037025.D
Acq: 16 Aug 2023 18:12

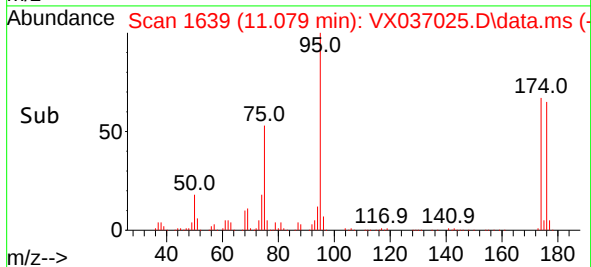
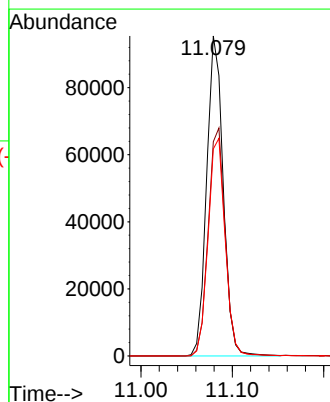
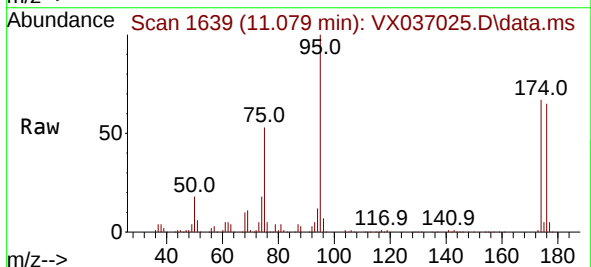
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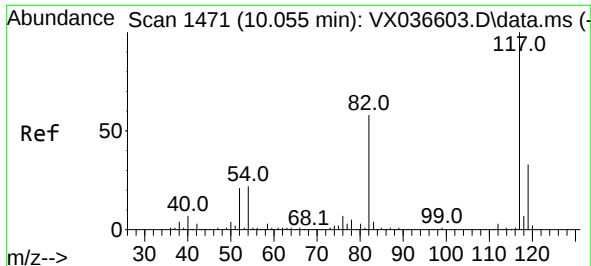
Tgt Ion: 98 Resp: 292545
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.528 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037025.D
Acq: 16 Aug 2023 18:12

Tgt Ion: 95 Resp: 119585
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 70.4 0.0 131.0

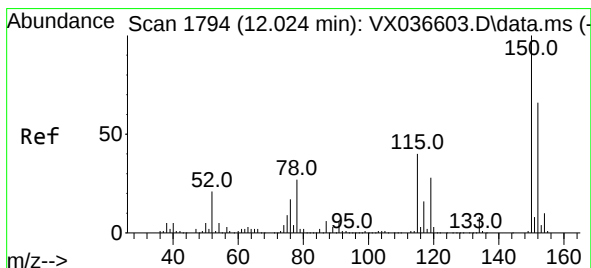
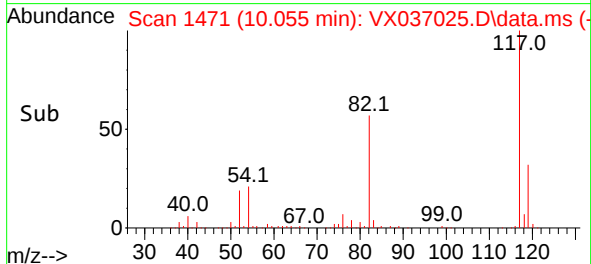
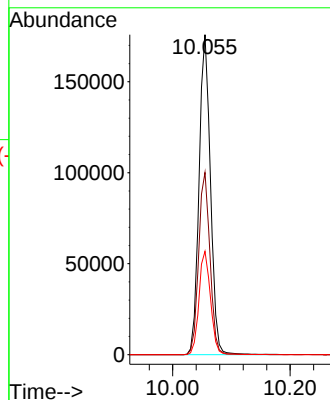
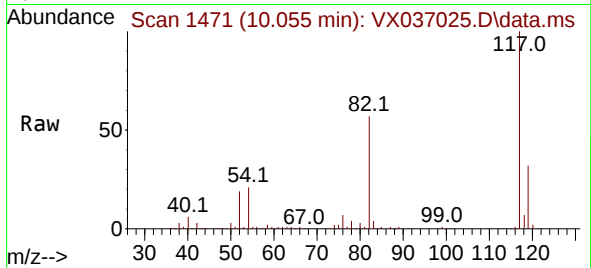




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037025.D
Acq: 16 Aug 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 237048
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 32.3 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: VX037025.D
Acq: 16 Aug 2023 18:12

Tgt Ion:152 Resp: 112347
Ion Ratio Lower Upper
152 100
115 63.2 43.3 129.9
150 156.1 0.0 345.0

