

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037853.D
 Acq On : 21 Sep 2023 14:27
 Operator : JC/MD
 Sample : 04551-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-B6-L10-29-41-092023

Quant Time: Sep 22 04:44:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

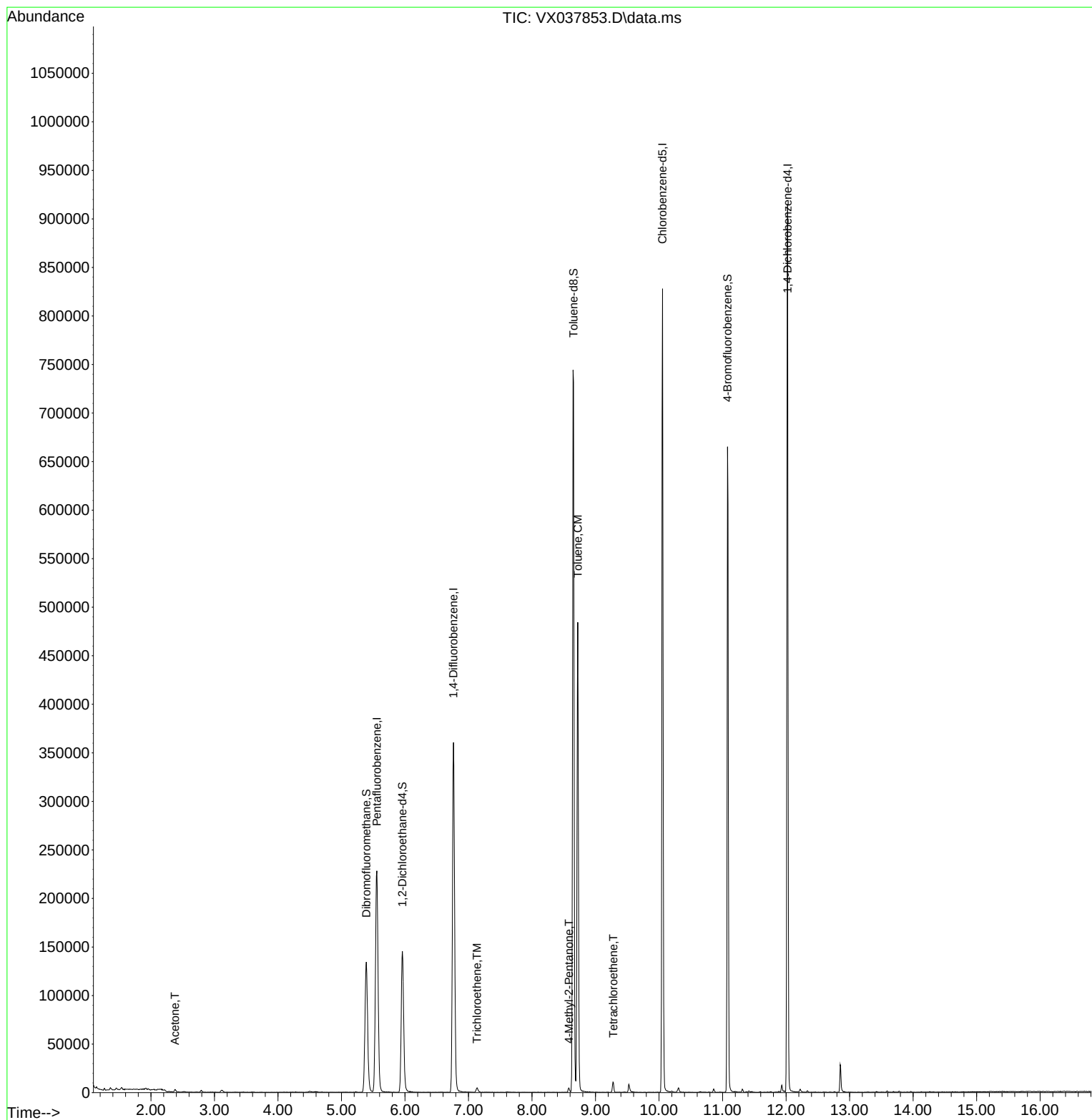
Internal Standards						
1) Pentafluorobenzene	5.556	168	223987	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	378526	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140013	47.577	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.160%
35) Dibromofluoromethane	5.391	113	117903	46.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.100%
50) Toluene-d8	8.653	98	461836	49.076	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	175099	51.203	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.400%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	2994	2.115	ug/l	91
44) Trichloroethene	7.135	130	1929	0.646	ug/l	88
51) 4-Methyl-2-Pentanone	8.580	43	2952	0.759	ug/l	96
52) Toluene	8.720	92	182330	26.369	ug/l	93
64) Tetrachloroethene	9.281	164	1860	0.733	ug/l #	92

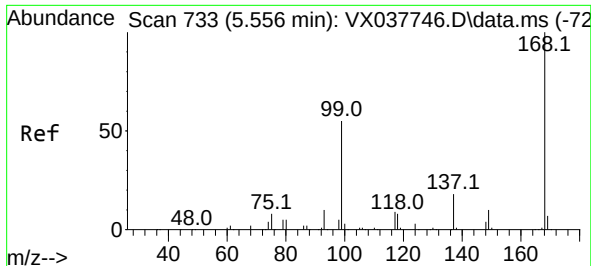
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

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MSVOA_X

ClientSampleId :

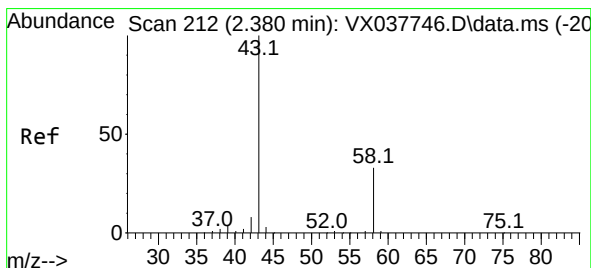
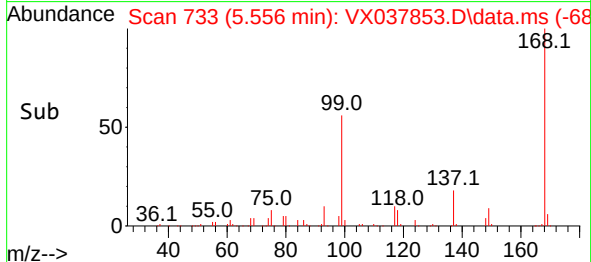
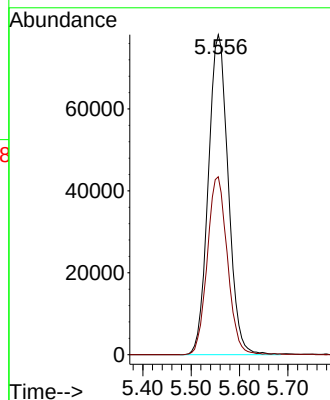
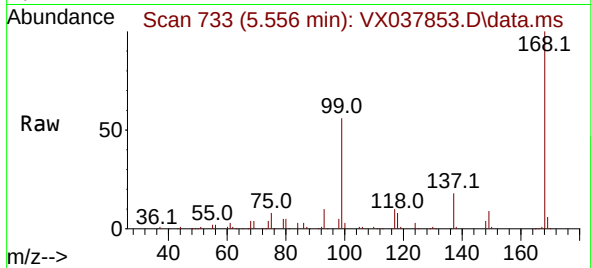
GWOW-B6-L10-29-41-092023

Tgt Ion:168 Resp: 223987

Ion Ratio Lower Upper

168 100

99 55.6 56.6 85.0#



#16

Acetone

Concen: 2.115 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037853.D

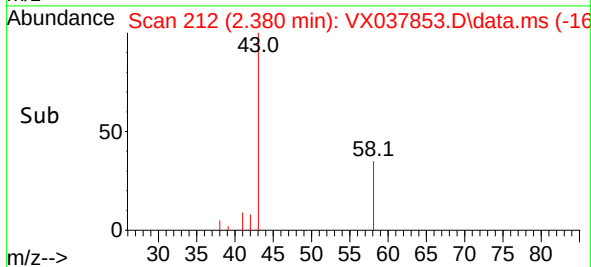
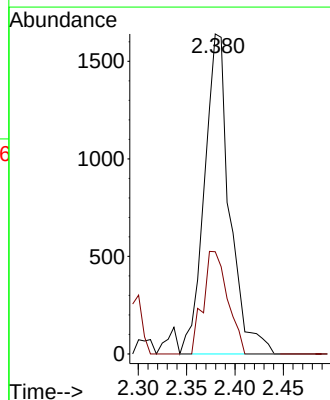
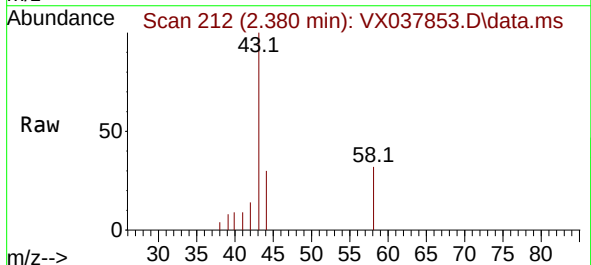
Acq: 21 Sep 2023 14:27

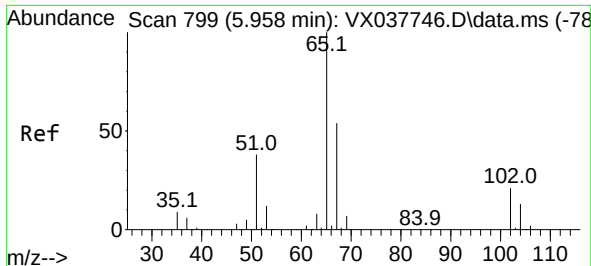
Tgt Ion: 43 Resp: 2994

Ion Ratio Lower Upper

43 100

58 32.0 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 47.577 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037853.D

Acq: 21 Sep 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

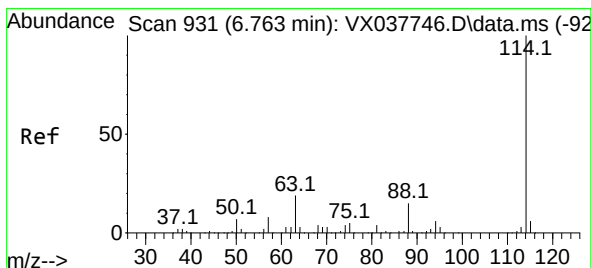
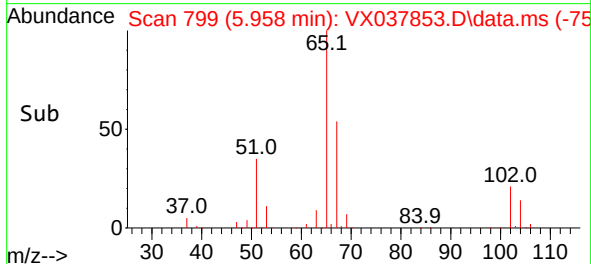
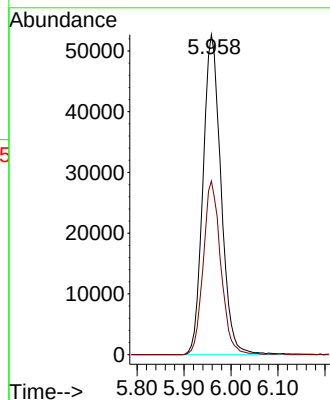
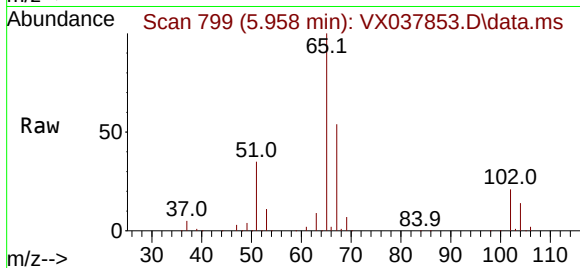
GWOW-B6-L10-29-41-092023

Tgt Ion: 65 Resp: 140013

Ion Ratio Lower Upper

65 100

67 52.8 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: VX037853.D

Acq: 21 Sep 2023 14:27

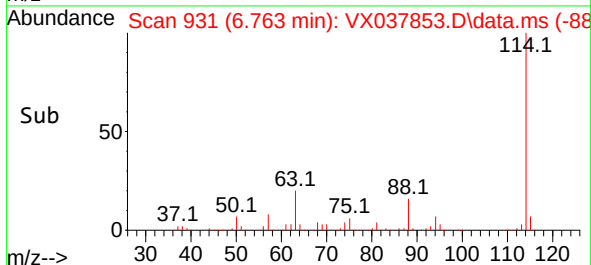
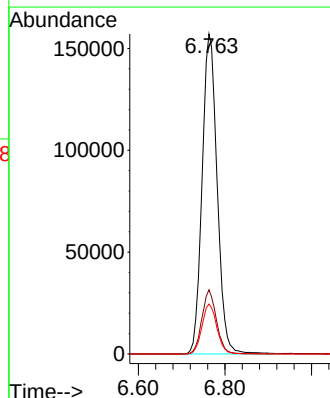
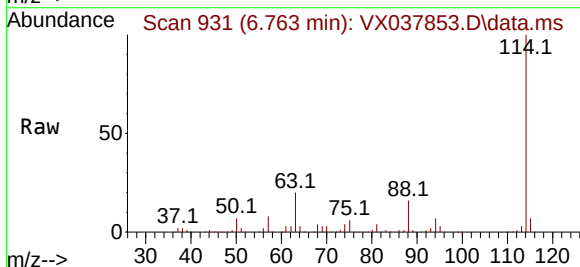
Tgt Ion: 114 Resp: 378526

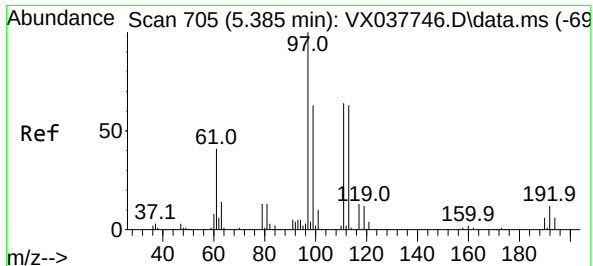
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.552 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037853.D

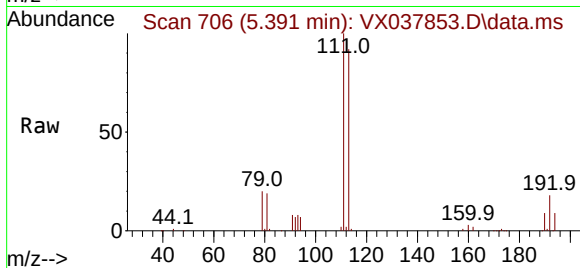
Acq: 21 Sep 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

GWOW-B6-L10-29-41-092023



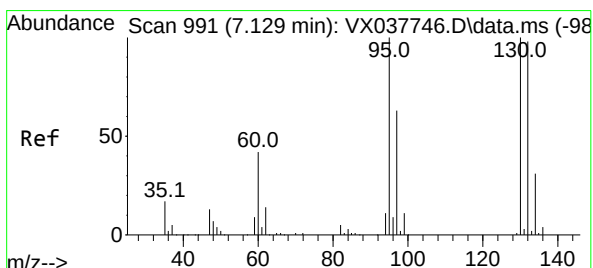
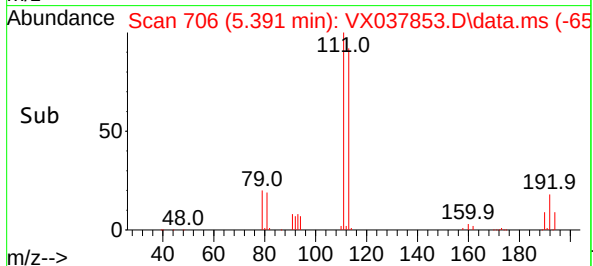
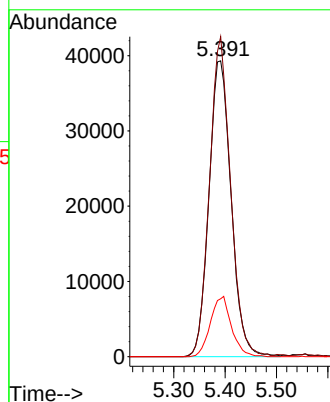
Tgt Ion:113 Resp: 117903

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 19.4 13.3 19.9



#44

Trichloroethene

Concen: 0.646 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.000 min

Lab File: VX037853.D

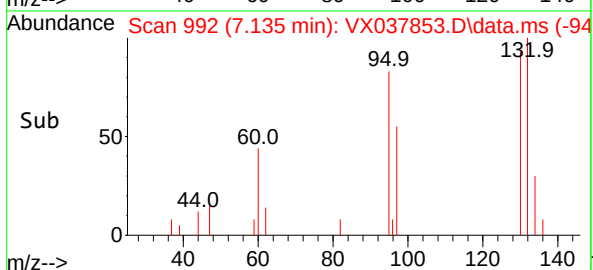
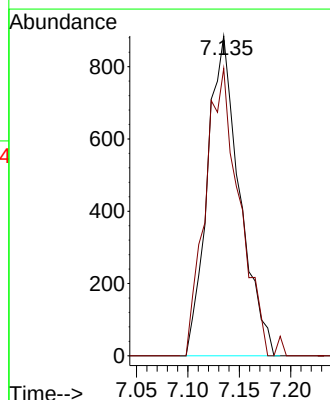
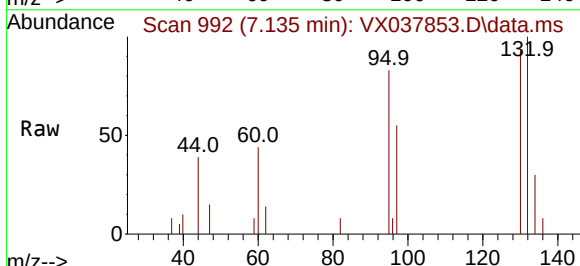
Acq: 21 Sep 2023 14:27

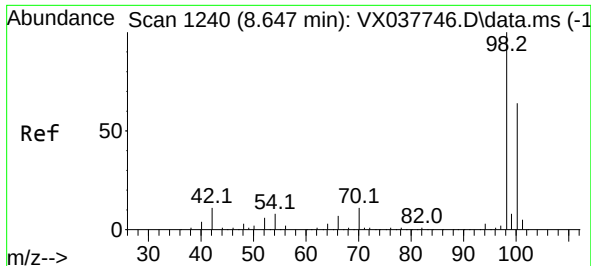
Tgt Ion:130 Resp: 1929

Ion Ratio Lower Upper

130 100

95 89.8 0.0 204.4

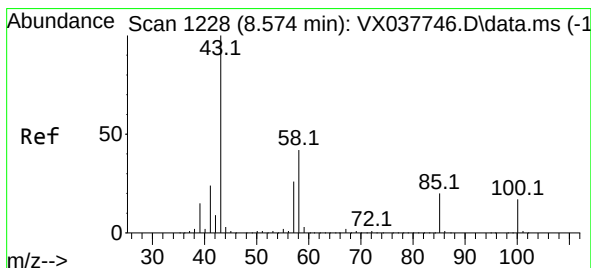
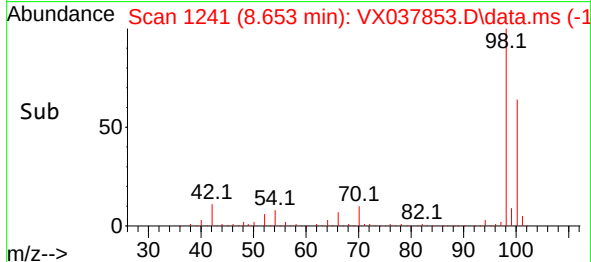
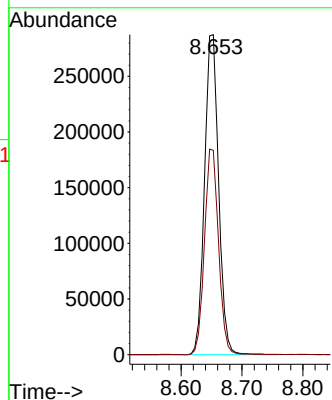
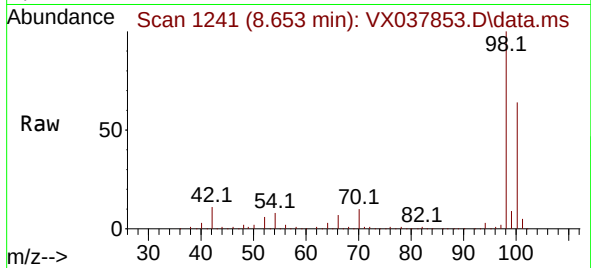




#50
Toluene-d8
Concen: 49.076 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037853.D
Acq: 21 Sep 2023 14:27

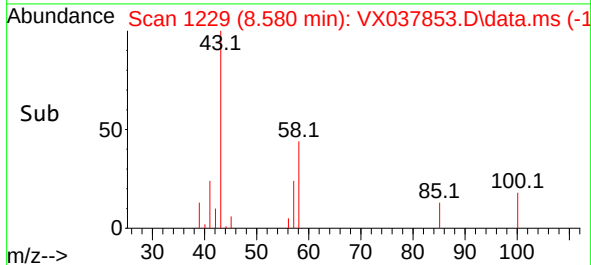
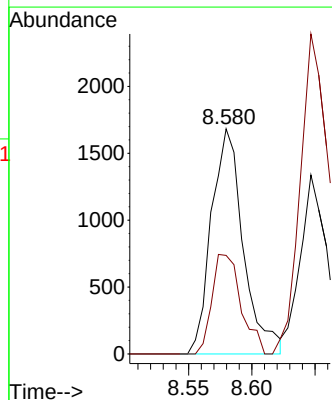
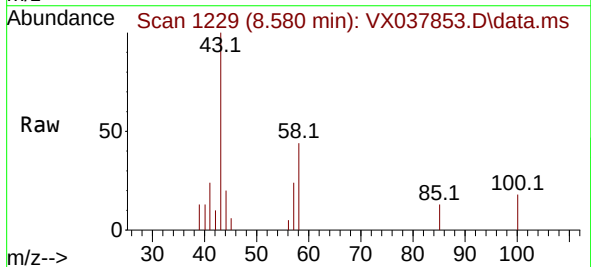
Instrument :
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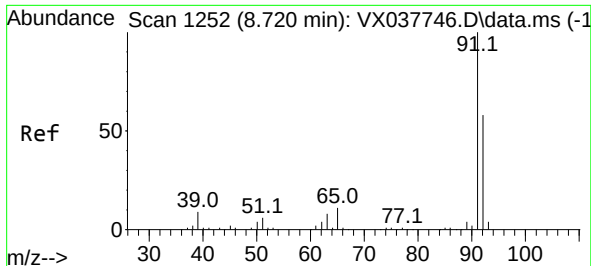
Tgt Ion: 98 Resp: 461836
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.759 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX037853.D
Acq: 21 Sep 2023 14:27

Tgt Ion: 43 Resp: 2952
Ion Ratio Lower Upper
43 100
58 40.2 30.4 45.6

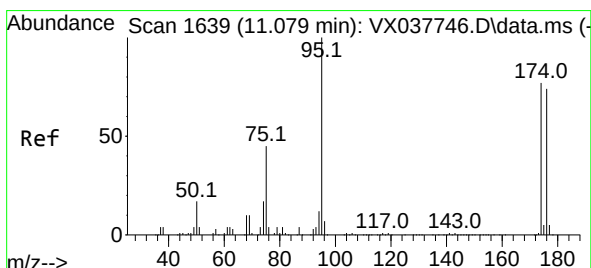
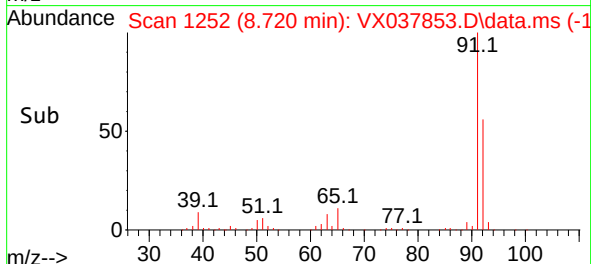
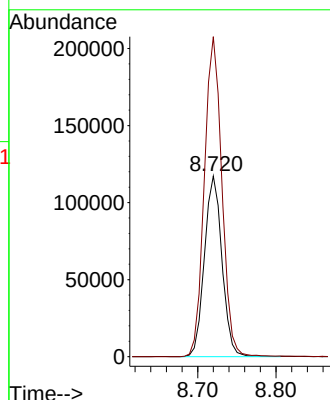
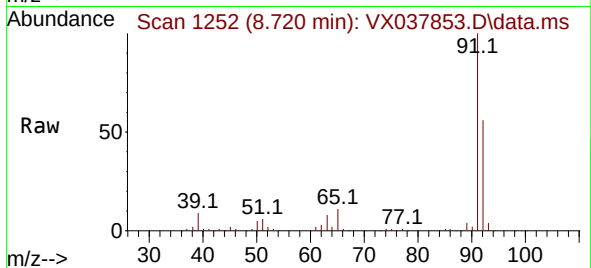




#52
Toluene
Concen: 26.369 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037853.D
Acq: 21 Sep 2023 14:27

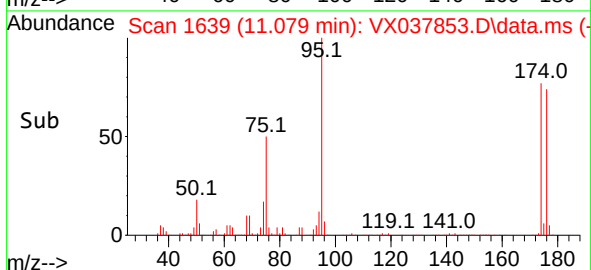
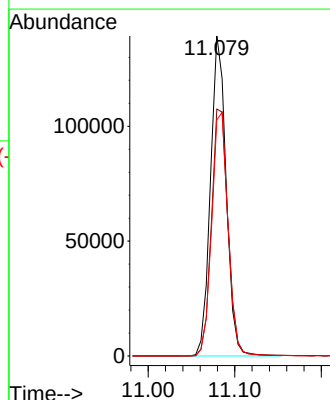
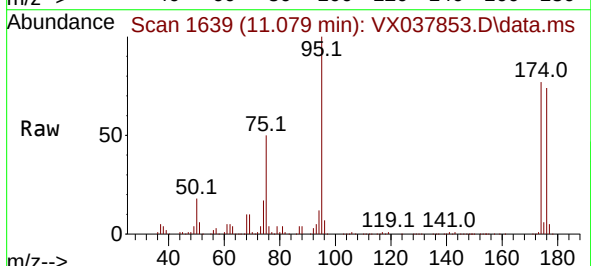
Instrument :
MSVOA_X
ClientSampleId :
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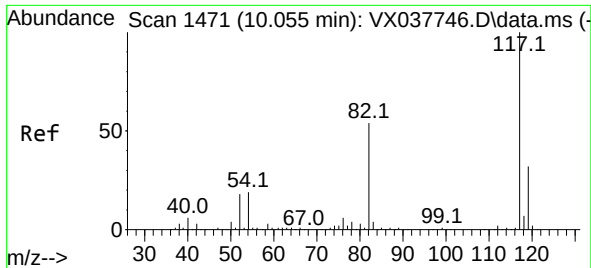
Tgt Ion: 92 Resp: 182330
Ion Ratio Lower Upper
92 100
91 177.4 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 51.203 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037853.D
Acq: 21 Sep 2023 14:27

Tgt Ion: 95 Resp: 175099
Ion Ratio Lower Upper
95 100
174 81.7 0.0 135.6
176 79.6 0.0 131.0

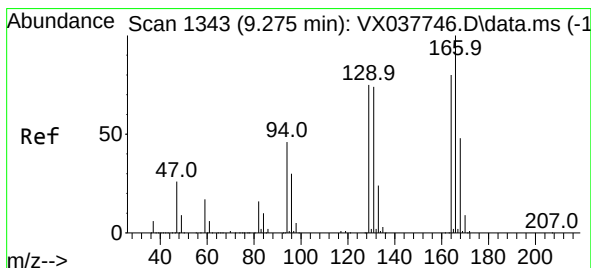
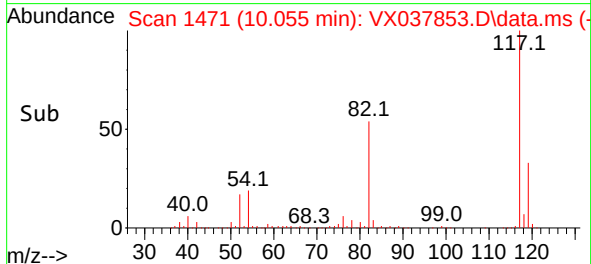
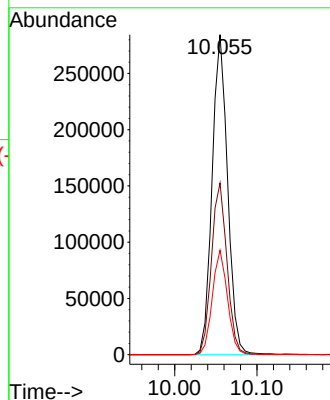
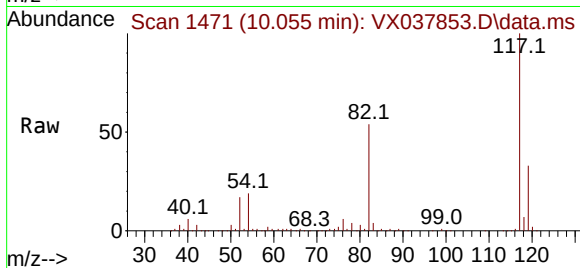




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037853.D
Acq: 21 Sep 2023 14:27

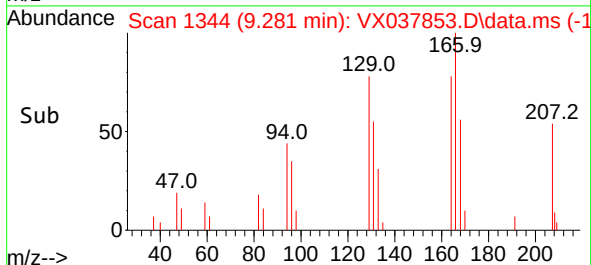
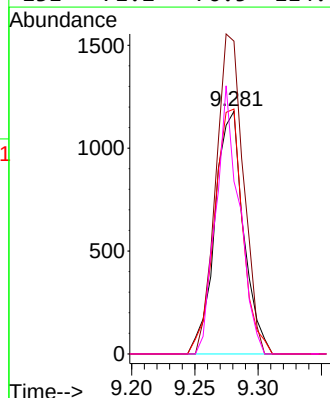
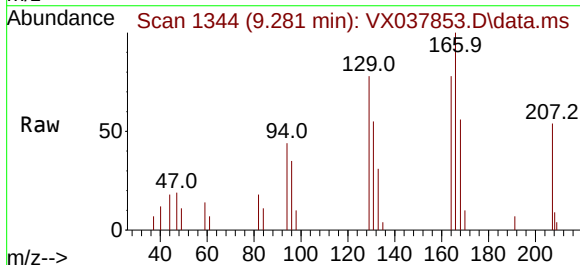
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ClientSampleId : GWOW-B6-L10-29-41-092023

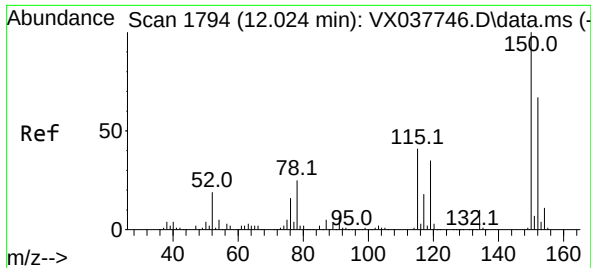
Tgt Ion:117 Resp: 372192
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 0.733 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX037853.D
Acq: 21 Sep 2023 14:27

Tgt Ion:164 Resp: 1860
Ion Ratio Lower Upper
164 100
166 128.9 102.7 154.1
129 100.9 80.4 120.6
131 71.2 76.5 114.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037853.D

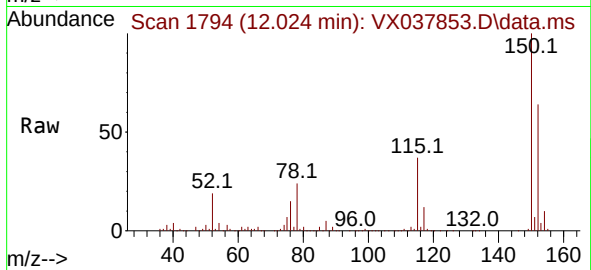
Acq: 21 Sep 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

GWOW-B6-L10-29-41-092023



Tgt Ion:152 Resp: 194210

Ion Ratio Lower Upper

152 100

115 60.1 43.3 129.9

150 156.5 0.0 345.0

