

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037888.D
 Acq On : 25 Sep 2023 11:47
 Operator : JC/MD
 Sample : 04595-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-TB-20230920

Quant Time: Sep 26 06:57:01 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)

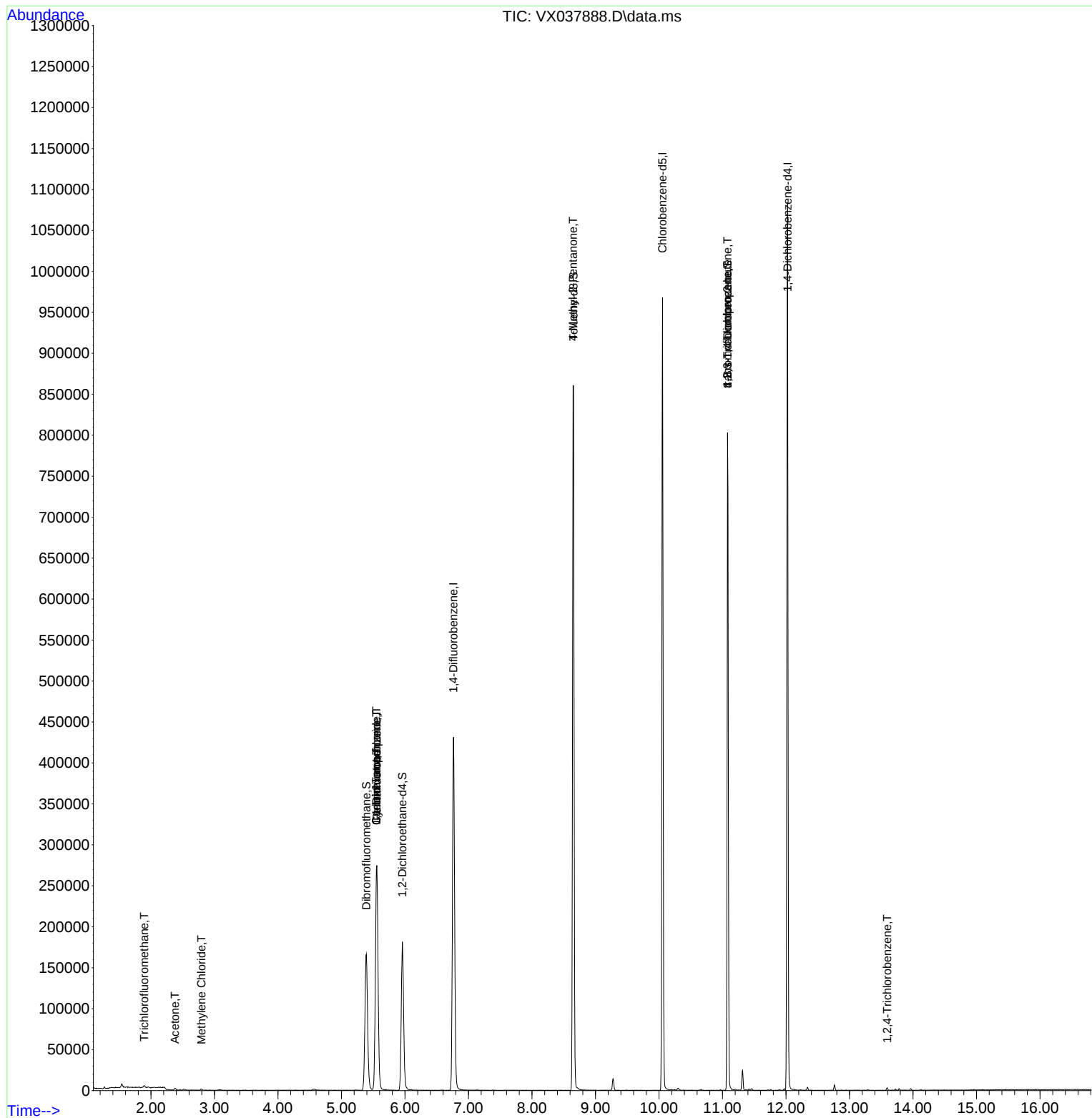
Internal Standards						
1) Pentafluorobenzene	5.556	168	269683	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	452133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165828	46.801	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.600%
35) Dibromofluoromethane	5.391	113	145375	48.054	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	8.653	98	541375	48.162	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.320%
62) 4-Bromofluorobenzene	11.079	95	208101	50.947	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.900%
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	1.892	101	1199	0.224	ug/l	92
16) Acetone	2.380	43	2446	1.435	ug/l	90
20) Methylene Chloride	2.794	84	784	0.224	ug/l #	77
31) Cyclohexane	5.550	56	6023	1.324	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20314	4.874	ug/l #	51
38) Carbon Tetrachloride	5.550	117	26721	6.128	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2199	0.473	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	105685	20.041	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	105685	64.197	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1009	0.217	ug/l	90

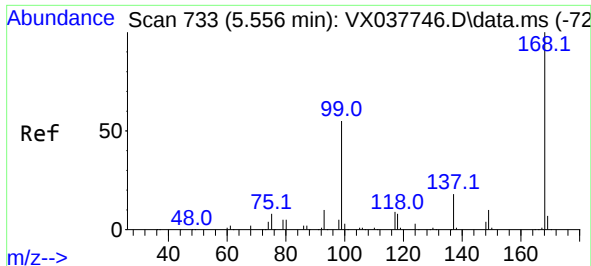
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

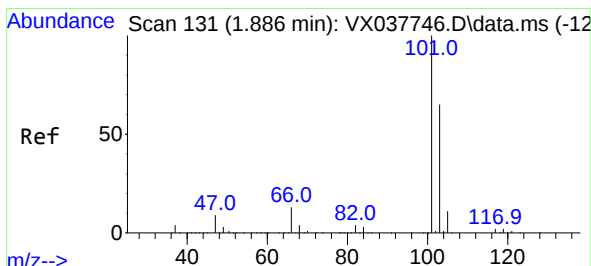
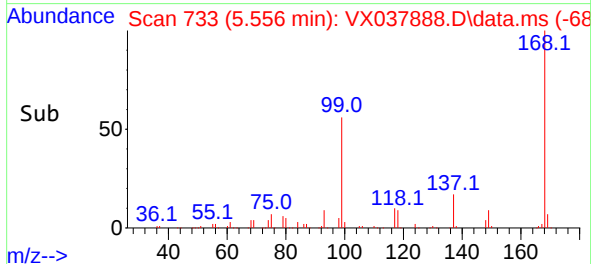
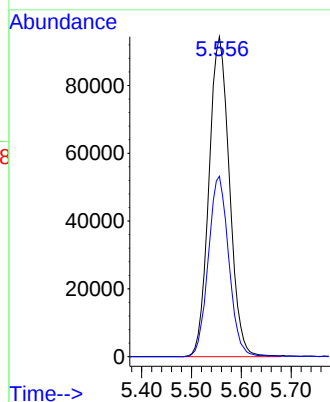
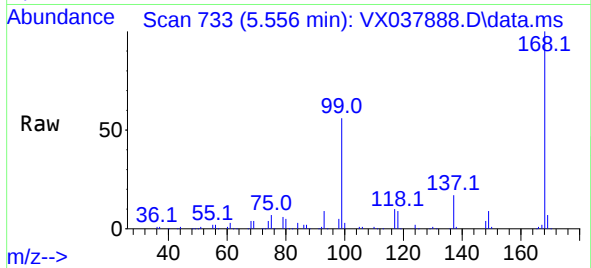




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

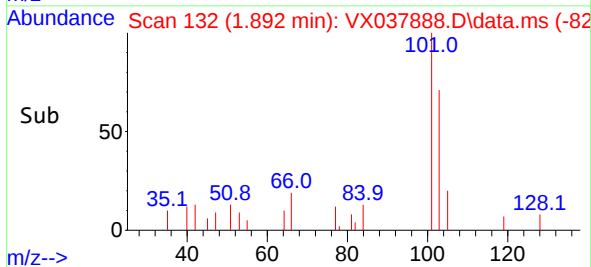
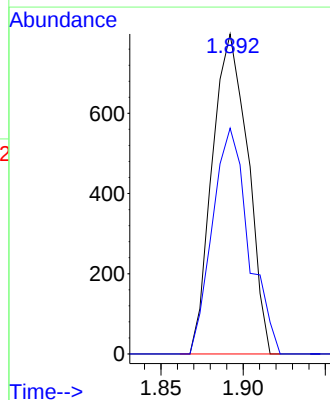
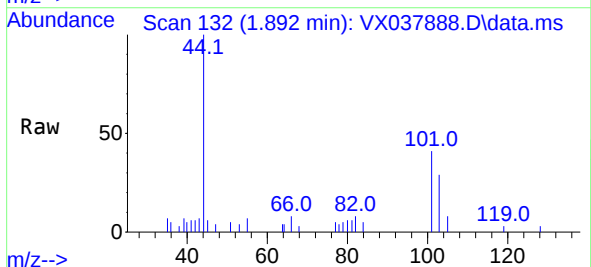
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-TB-20230920

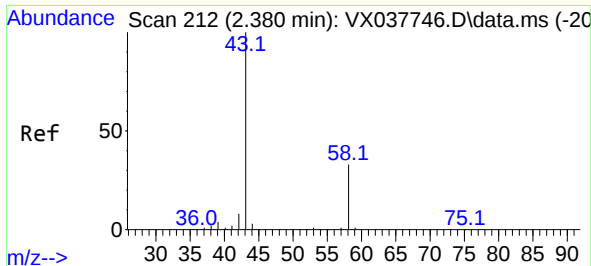
Tgt Ion:168 Resp: 269683
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0#



#7
Trichlorofluoromethane
Concen: 0.224 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

Tgt Ion:101 Resp: 1199
Ion Ratio Lower Upper
101 100
103 70.6 51.4 77.2

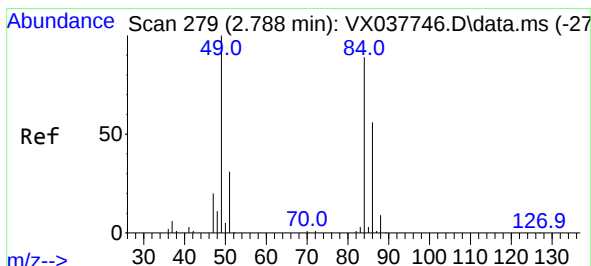
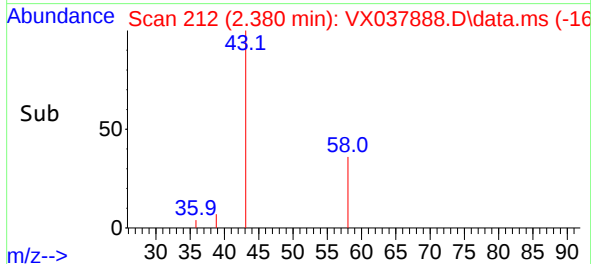
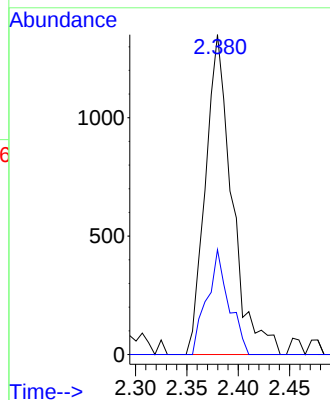
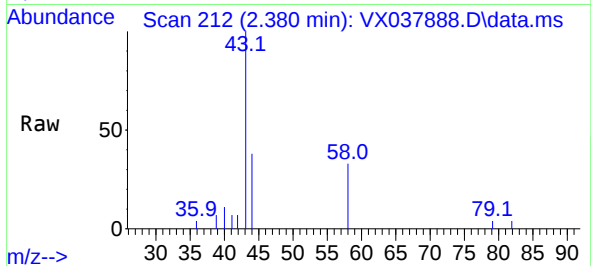




#16
Acetone
Concen: 1.435 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

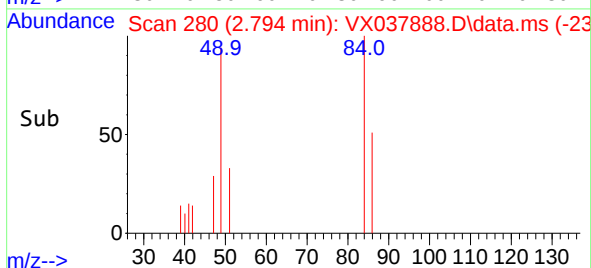
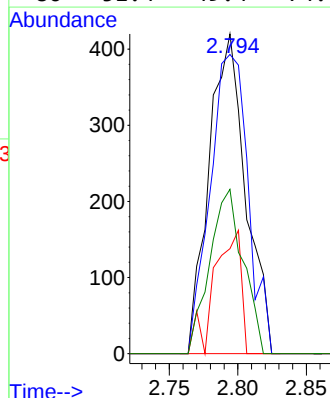
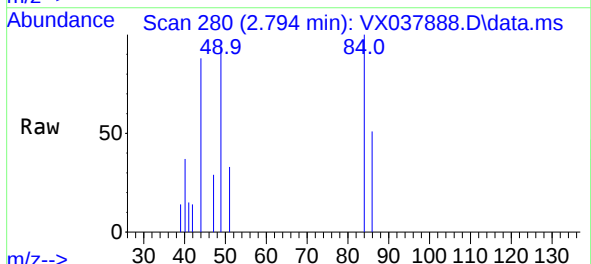
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW10A-TB-20230920

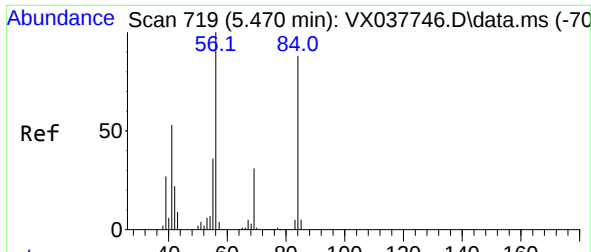
Tgt Ion: 43 Resp: 2446
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.224 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

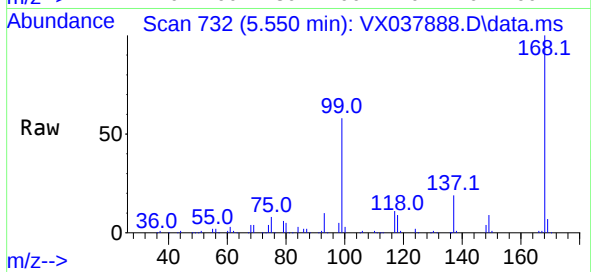
Tgt Ion: 84 Resp: 784
Ion Ratio Lower Upper
84 100
49 93.6 103.6 155.4#
51 32.9 33.8 50.6#
86 51.4 49.4 74.0



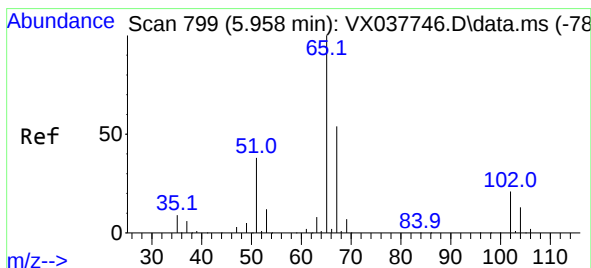
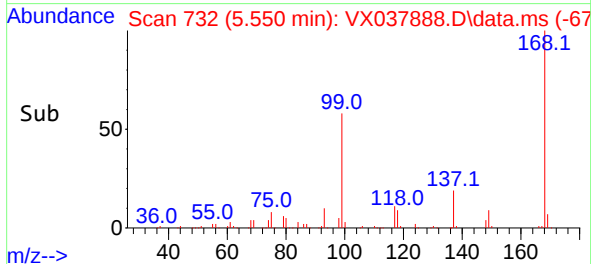
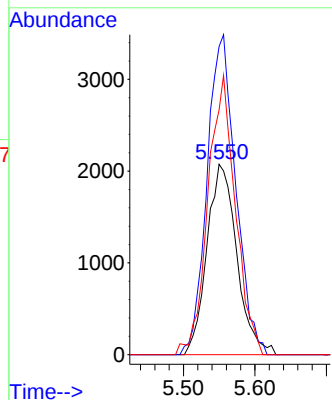


#31
Cyclohexane
Concen: 1.324 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-TB-20230920

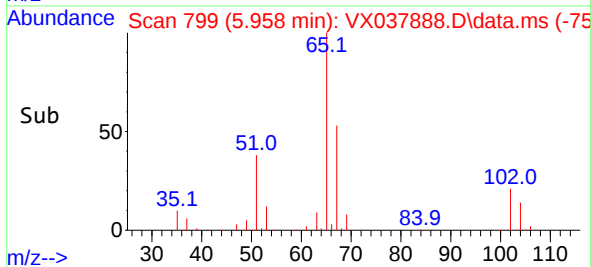
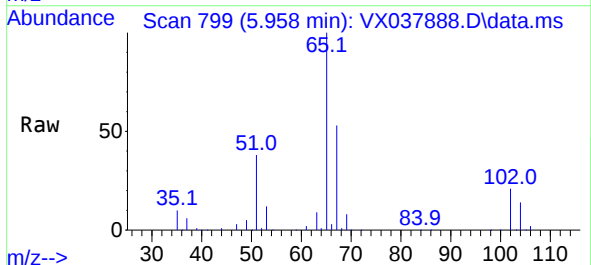
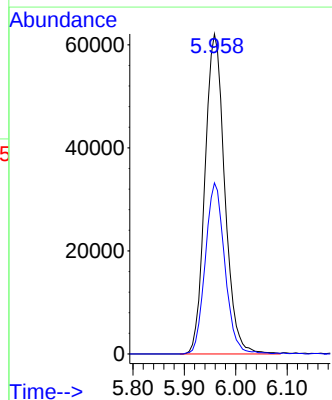


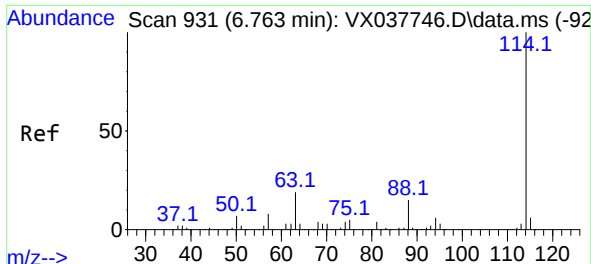
Tgt Ion: 56 Resp: 6023
Ion Ratio Lower Upper
56 100
69 161.9 23.4 35.2#
84 128.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.801 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

Tgt Ion: 65 Resp: 165828
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

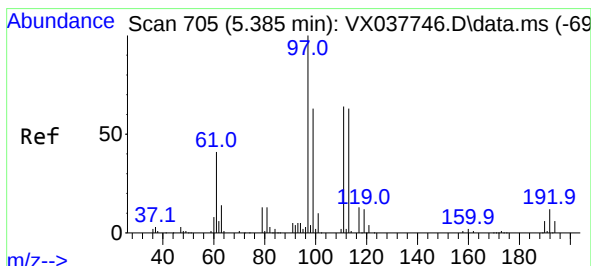
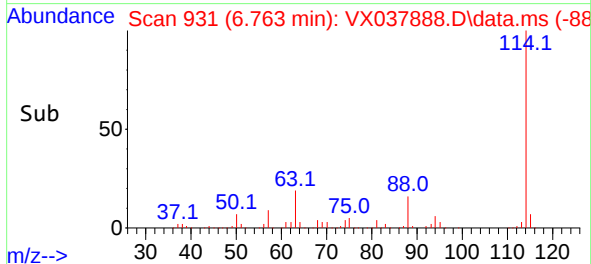
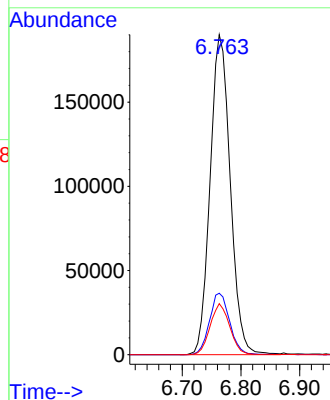
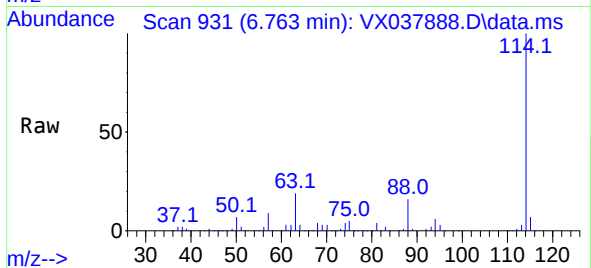




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

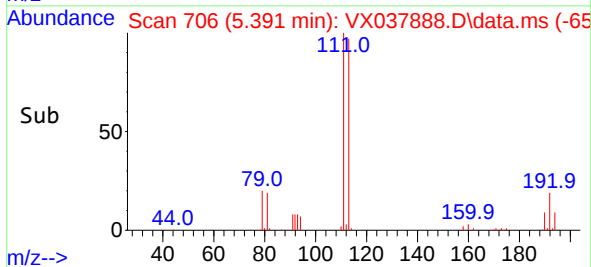
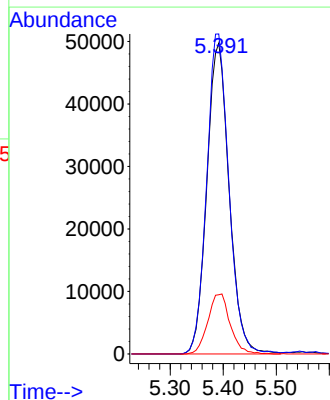
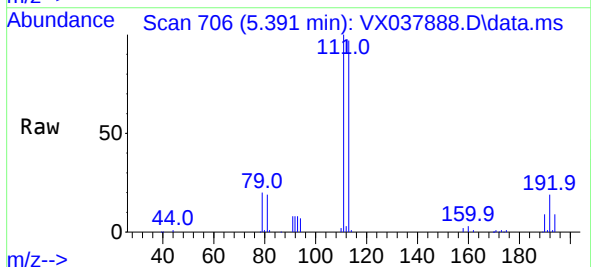
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-TB-20230920

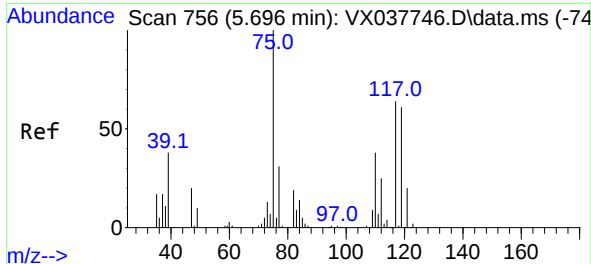
Tgt Ion:114 Resp: 452133
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.054 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

Tgt Ion:113 Resp: 145375
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.3 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.874 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX037888.D

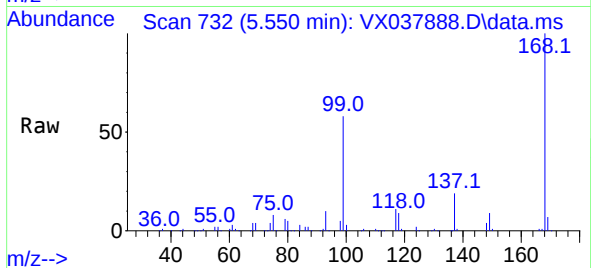
Acq: 25 Sep 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-TB-20230920



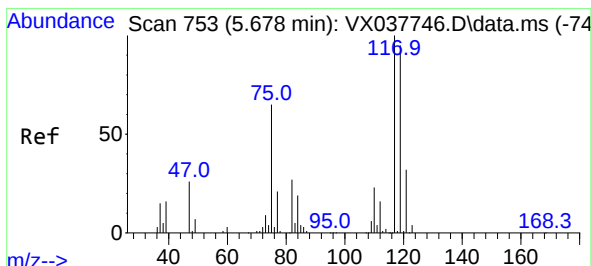
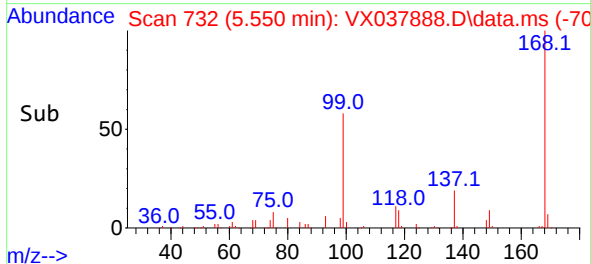
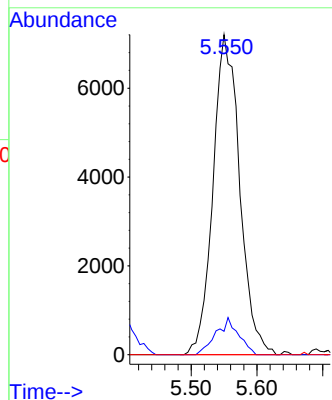
Tgt Ion: 75 Resp: 20314

Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.128 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX037888.D

Acq: 25 Sep 2023 11:47

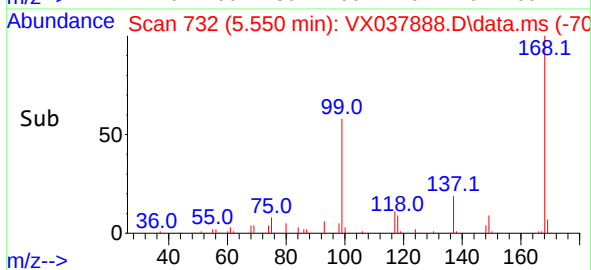
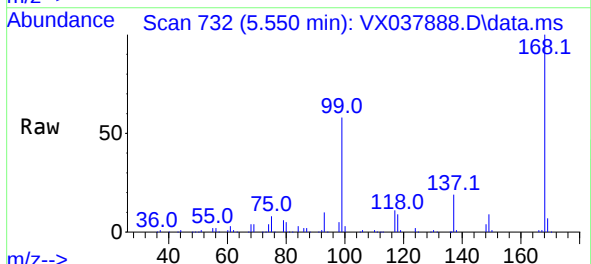
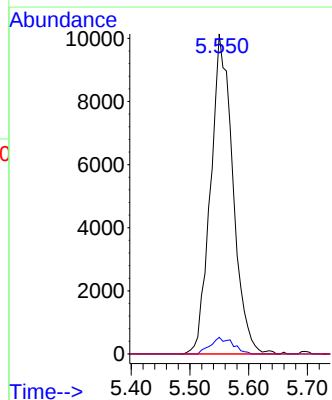
Tgt Ion: 117 Resp: 26721

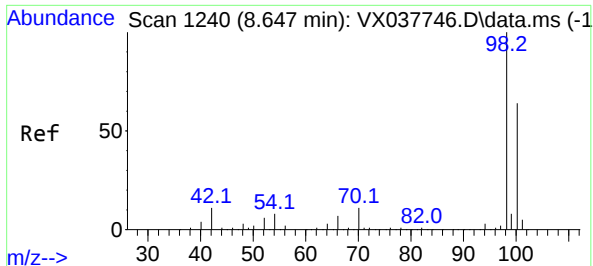
Ion Ratio Lower Upper

117 100

119 5.2 78.2 117.2#

121 0.0 24.4 36.6#

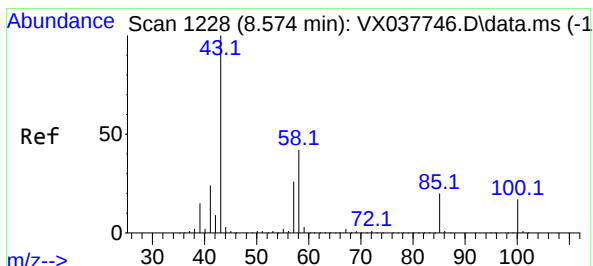
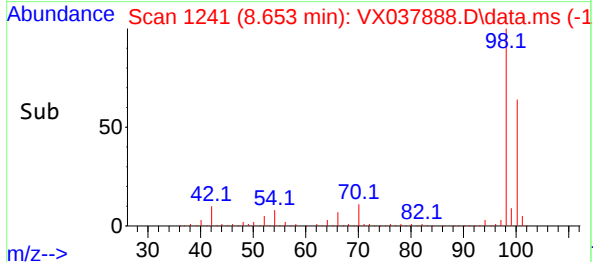
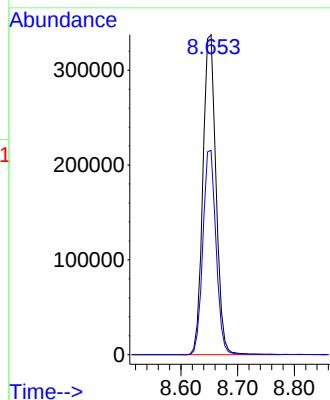
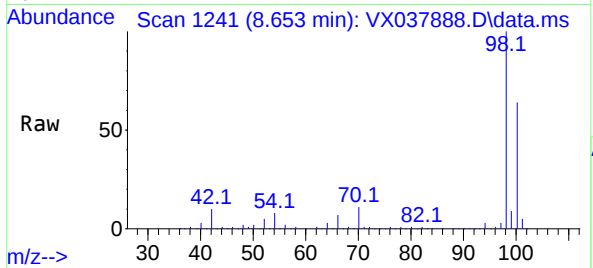




#50
Toluene-d8
Concen: 48.162 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

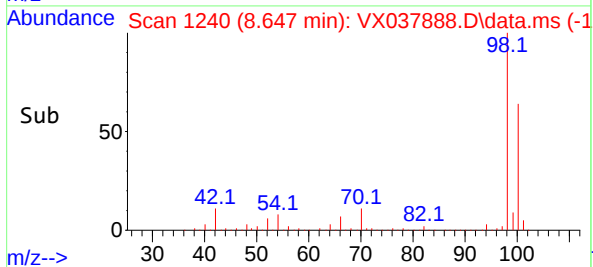
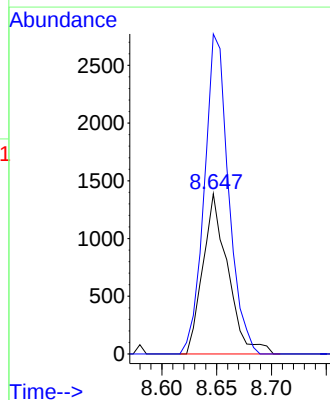
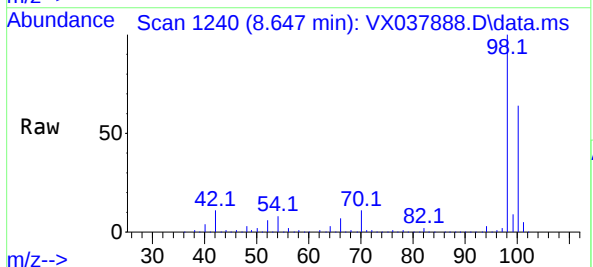
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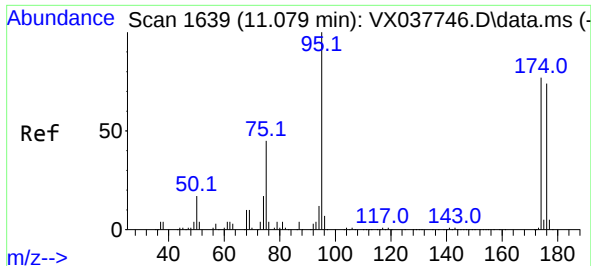
Tgt Ion: 98 Resp: 541375
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

Tgt Ion: 43 Resp: 2199
Ion Ratio Lower Upper
43 100
58 193.9 30.4 45.6#

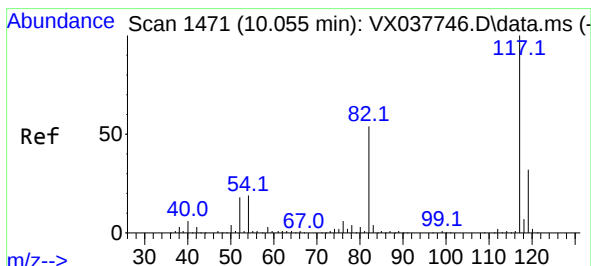
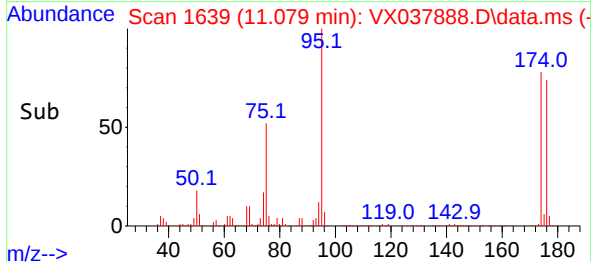
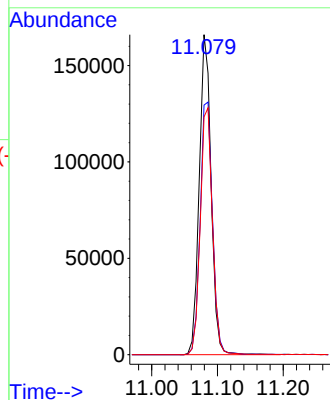
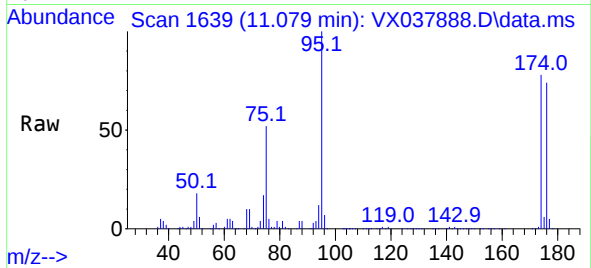




#62
4-Bromofluorobenzene
Concen: 50.947 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

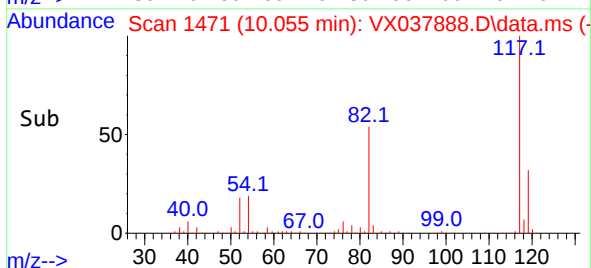
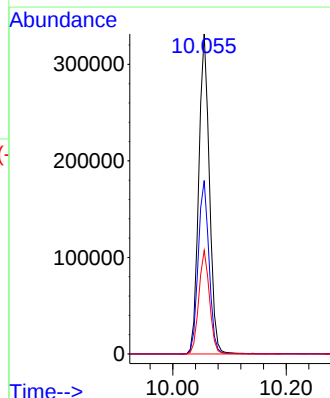
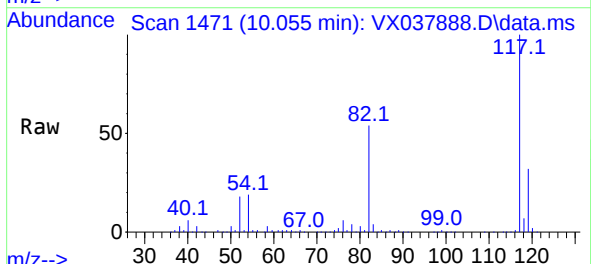
Instrument :
MSVOA_X
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BP-VPB-RW10A-TB-20230920

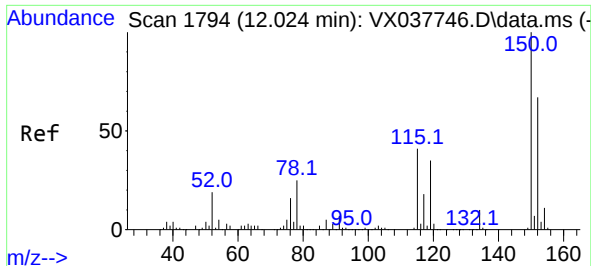
Tgt Ion: 95 Resp: 208101
Ion Ratio Lower Upper
95 100
174 82.2 0.0 135.6
176 79.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

Tgt Ion: 117 Resp: 433082
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.3 25.5 38.3

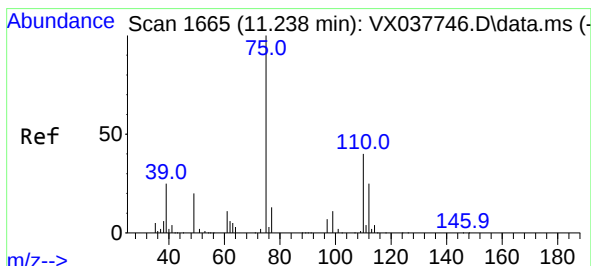
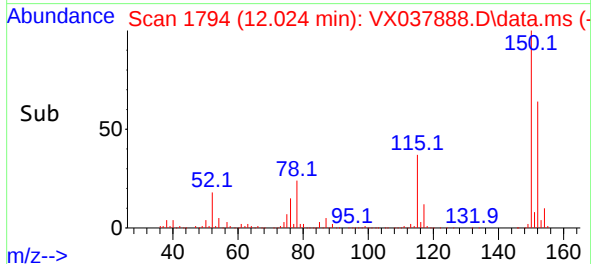
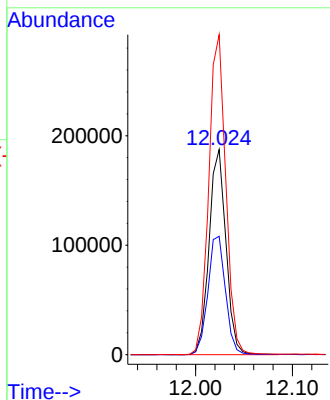
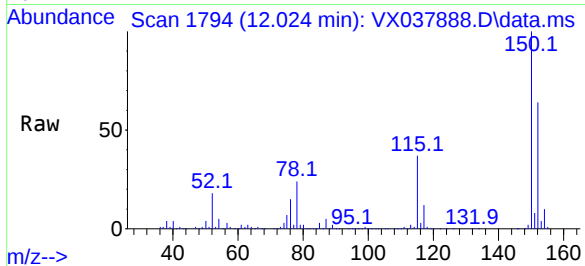




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

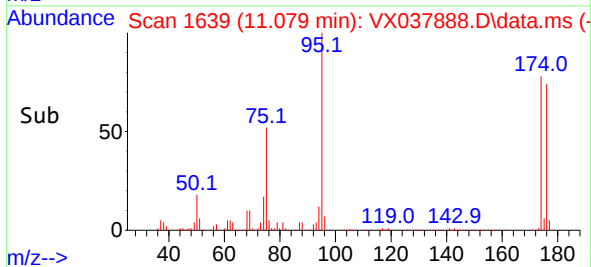
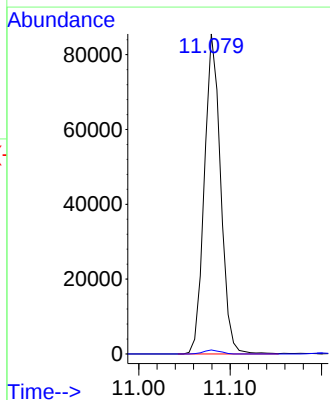
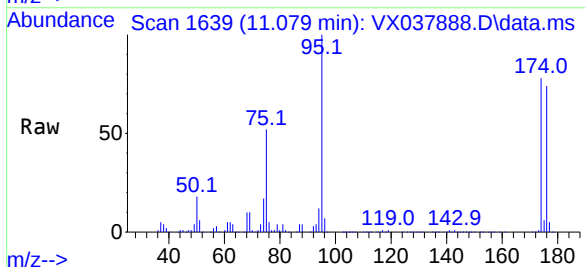
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-TB-20230920

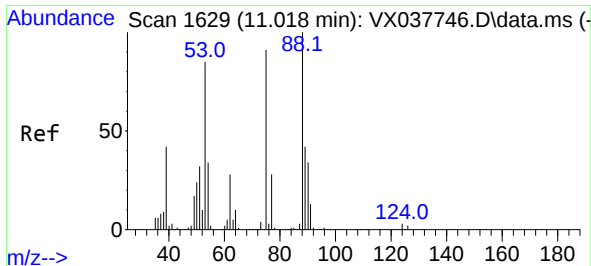
Tgt Ion:152 Resp: 228007
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.9
150 157.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 20.041 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

Tgt Ion: 75 Resp: 105685
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

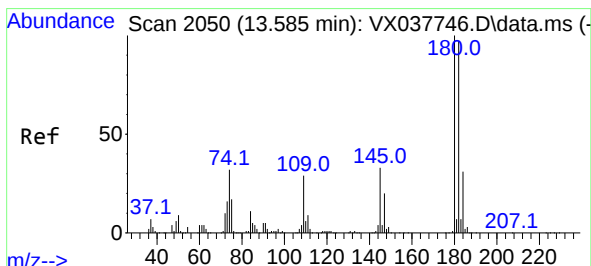
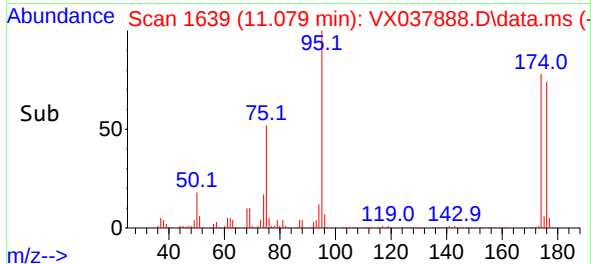
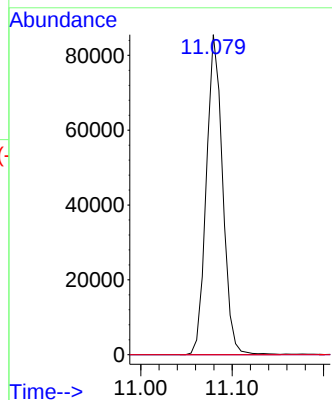
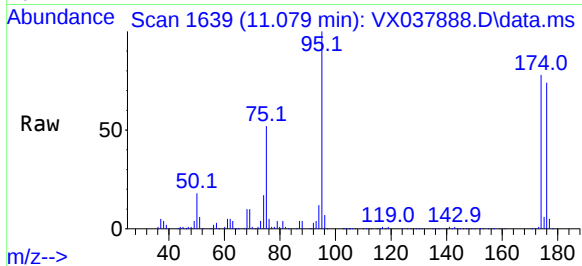




#81
trans-1,4-Dichloro-2-butene
Concen: 64.197 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-TB-20230920

Tgt Ion: 75 Resp: 105685
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.217 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

Tgt Ion:180 Resp: 1009
Ion Ratio Lower Upper
180 100
182 88.9 48.3 144.8
145 27.5 18.0 54.0

