

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009804.D
 Acq On : 01 Aug 2022 18:12
 Operator : KP/MD
 Sample : N3979-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-072922

Quant Time: Aug 02 01:41:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

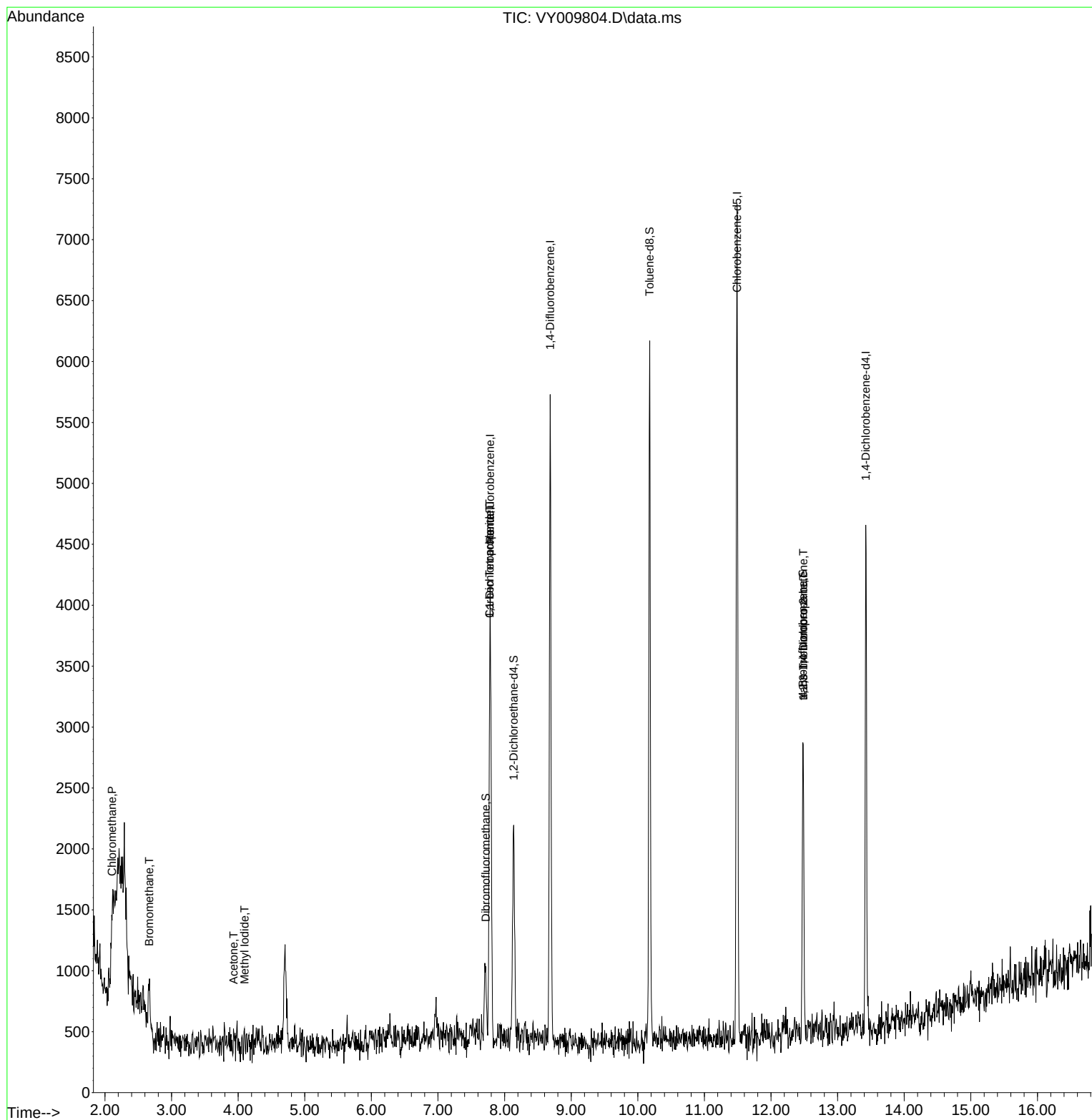
Internal Standards						
1) Pentafluorobenzene	7.783	168	3211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	4868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4327	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1413	67.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.940%	
35) Dibromofluoromethane	7.716	113	572	21.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 43.200%#	
50) Toluene-d8	10.179	98	4034	52.532	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 105.060%	
62) 4-Bromofluorobenzene	12.477	95	989	28.172	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 56.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	180	5.143	ug/l #	51
5) Bromomethane	2.662	94	94	3.472	ug/l #	4
10) Methyl Iodide	4.094	142	150	3.962	ug/l #	35
16) Acetone	3.930	43	38	4.950	ug/l #	47
36) 1,1-Dichloropropene	7.777	75	227	5.269	ug/l #	42
38) Carbon Tetrachloride	7.777	117	319	6.910	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	471	39.187	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	471	78.111	ug/l #	7

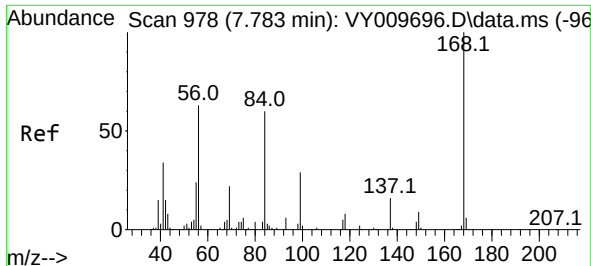
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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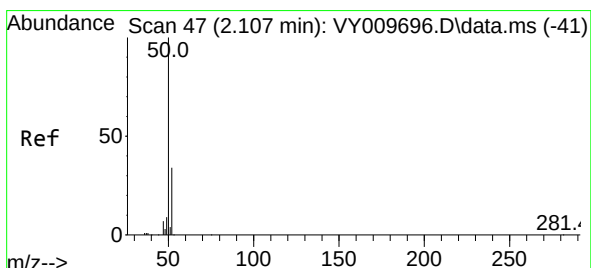
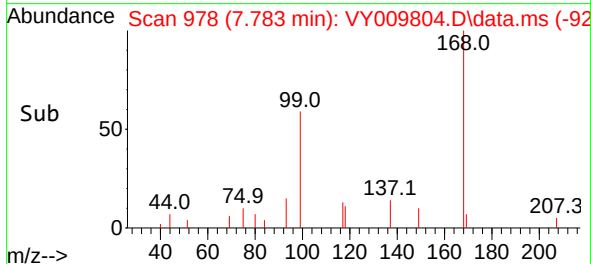
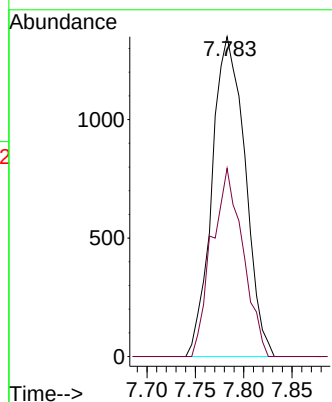
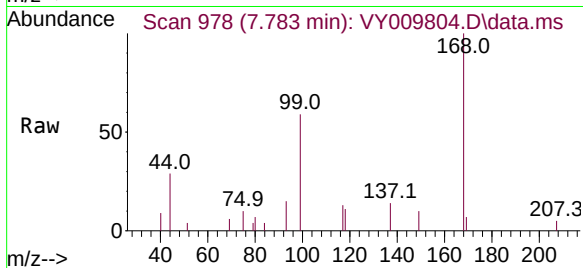




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

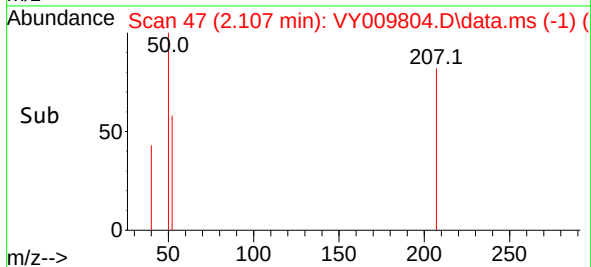
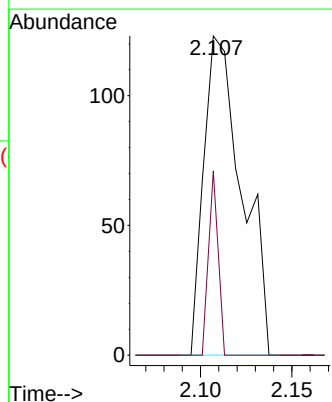
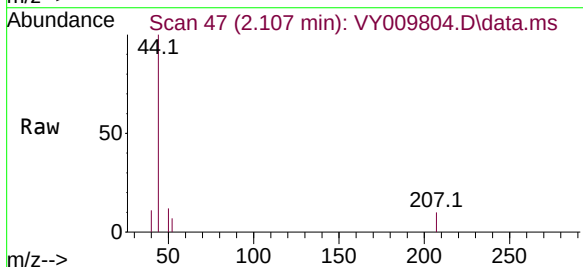
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-072922

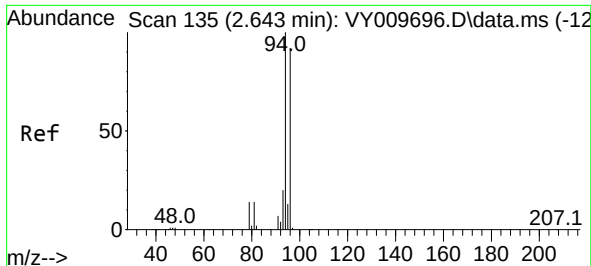
Tgt Ion:168 Resp: 3211
Ion Ratio Lower Upper
168 100
99 58.8 46.9 70.3



#3
Chloromethane
Concen: 5.143 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

Tgt Ion: 50 Resp: 180
Ion Ratio Lower Upper
50 100
52 57.7 24.6 37.0#

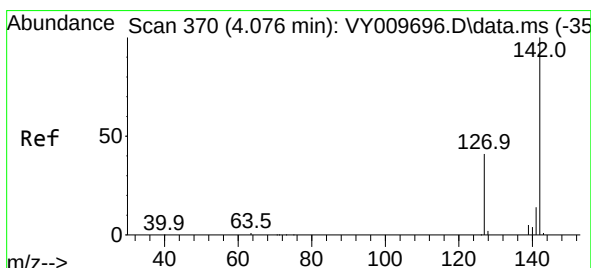
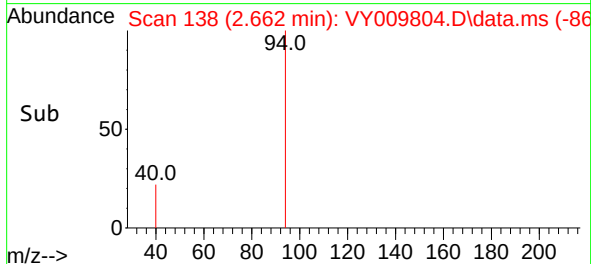
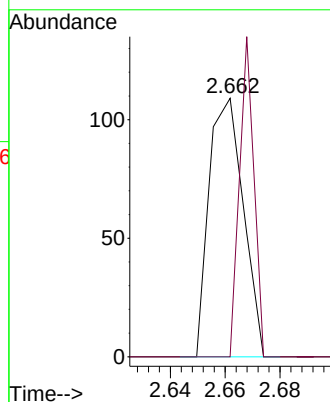
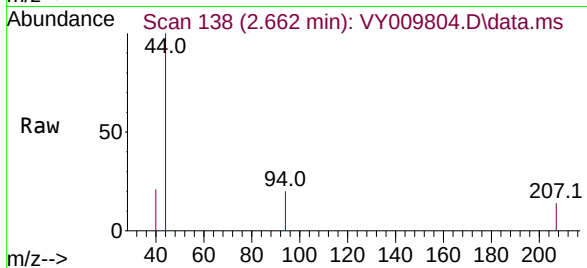




#5
Bromomethane
Concen: 3.472 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

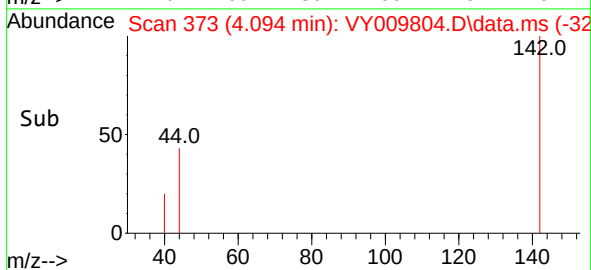
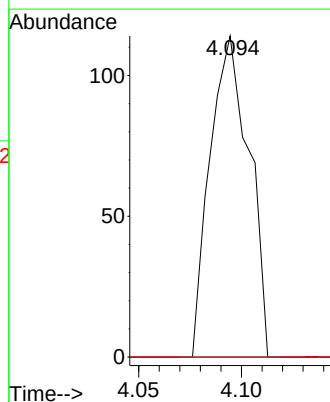
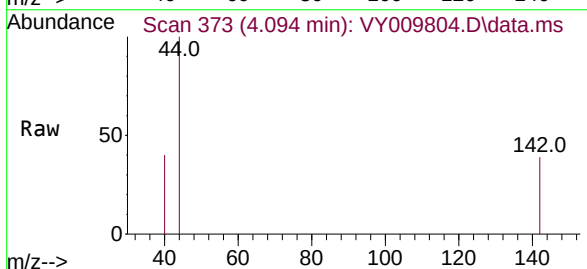
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-072922

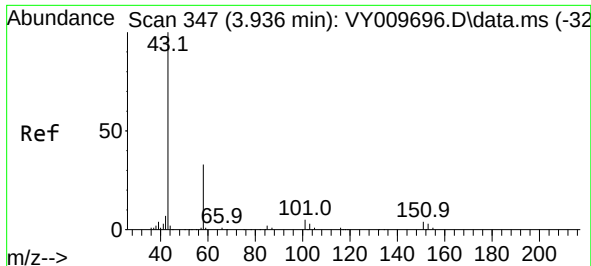
Tgt Ion: 94 Resp: 94
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#10
Methyl Iodide
Concen: 3.962 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.018 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

Tgt Ion: 142 Resp: 150
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

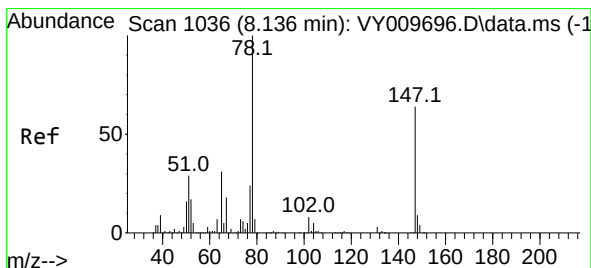
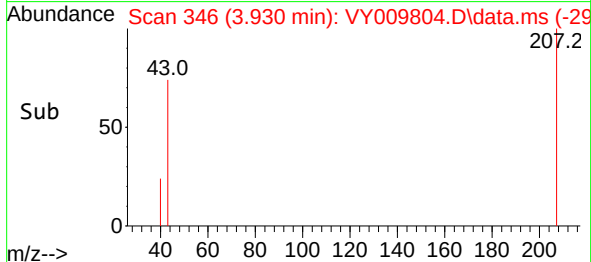
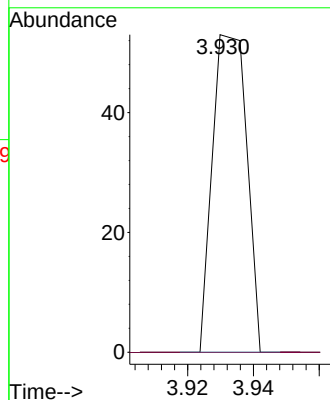
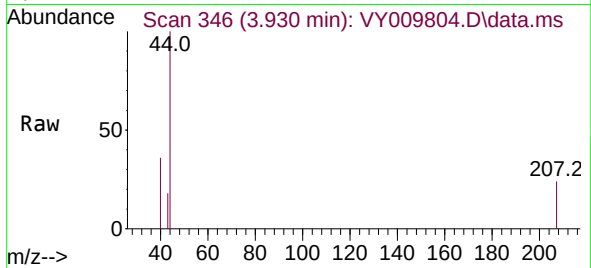




#16
Acetone
Concen: 4.950 ug/l
RT: 3.930 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

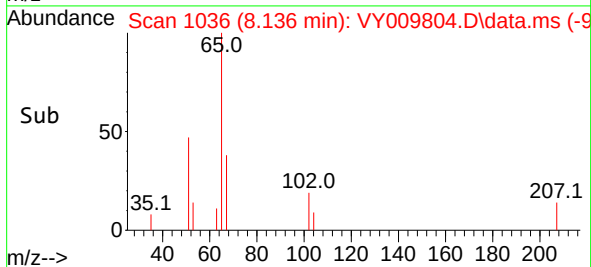
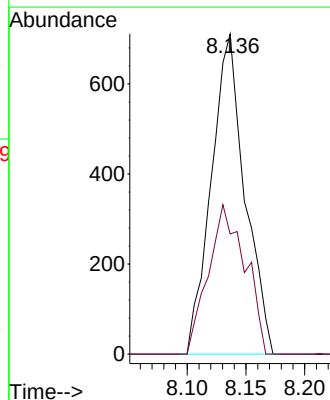
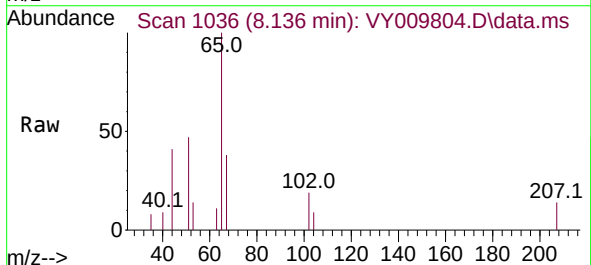
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-072922

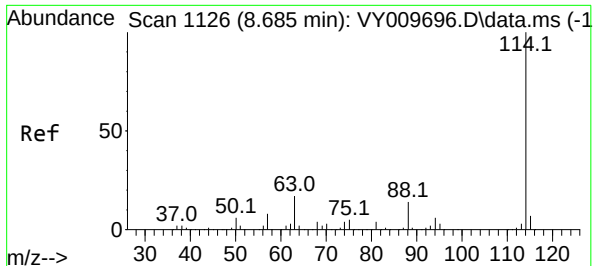
Tgt Ion: 43 Resp: 38
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#33
1,2-Dichloroethane-d4
Concen: 67.968 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

Tgt Ion: 65 Resp: 1413
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009804.D

Acq: 01 Aug 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-072922

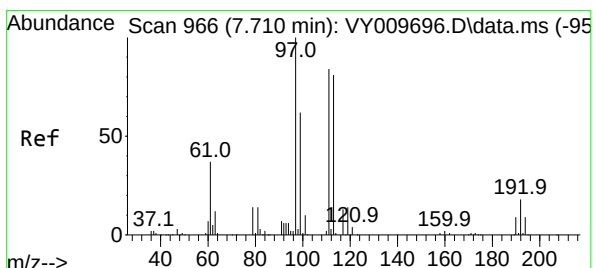
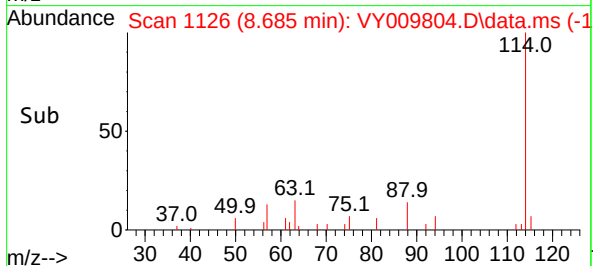
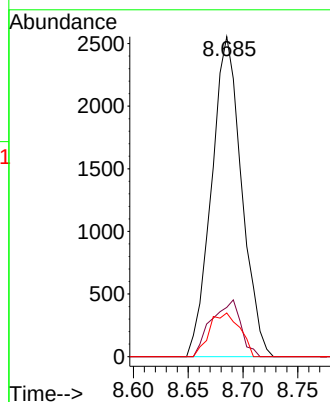
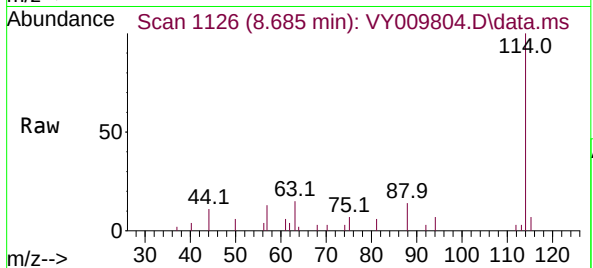
Tgt Ion:114 Resp: 4868

Ion Ratio Lower Upper

114 100

63 15.4 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 21.605 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009804.D

Acq: 01 Aug 2022 18:12

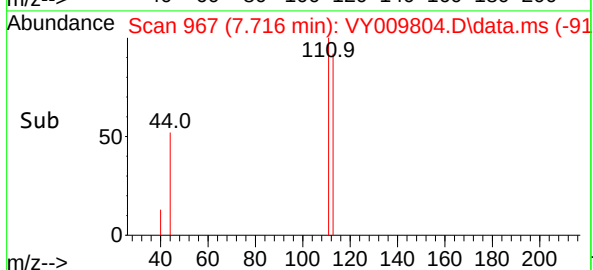
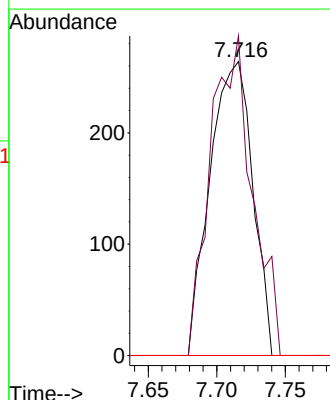
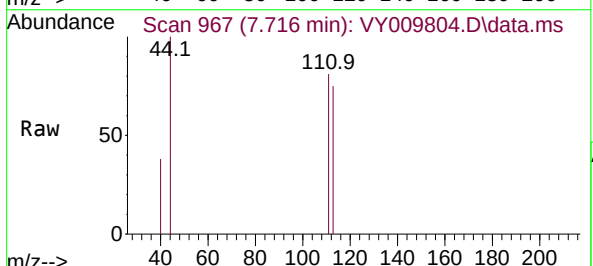
Tgt Ion:113 Resp: 572

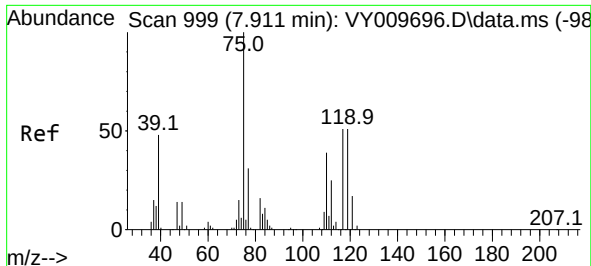
Ion Ratio Lower Upper

113 100

111 106.5 82.6 124.0

192 0.0 17.6 26.4#

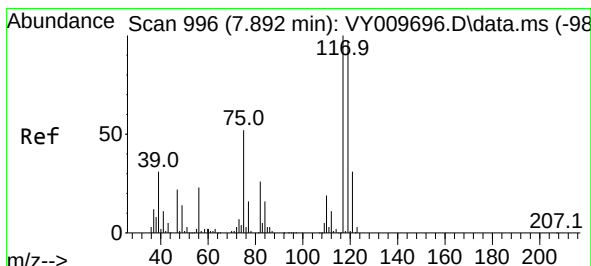
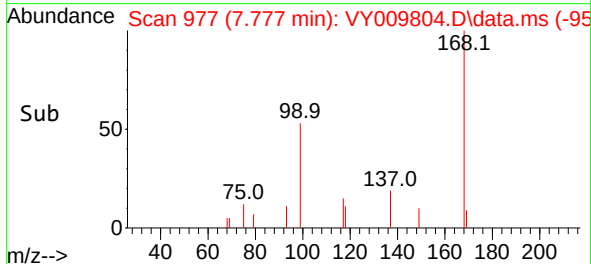
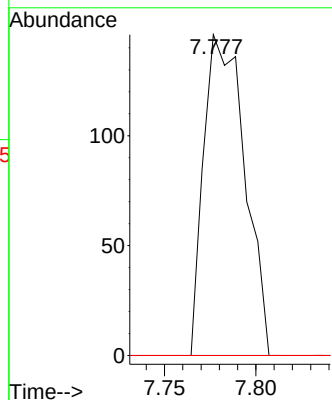
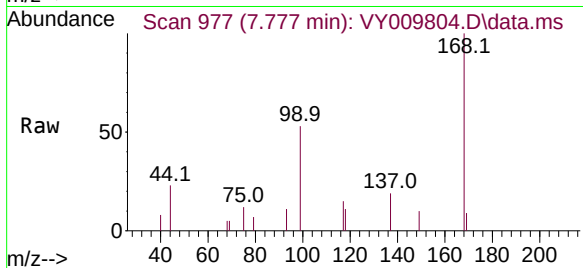




#36
1,1-Dichloropropene
Concen: 5.269 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.134 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

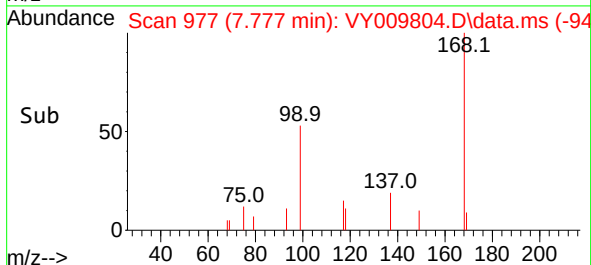
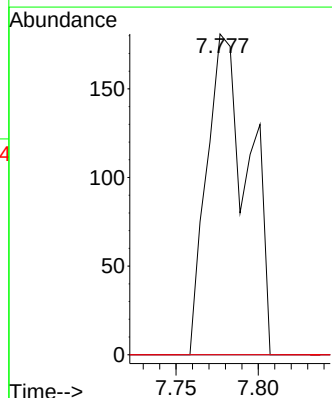
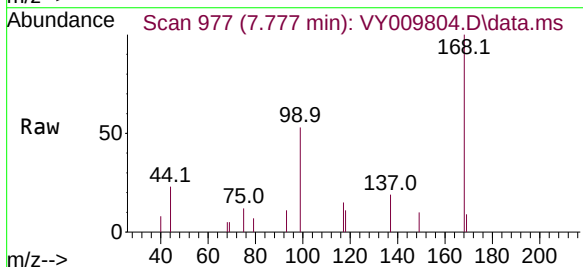
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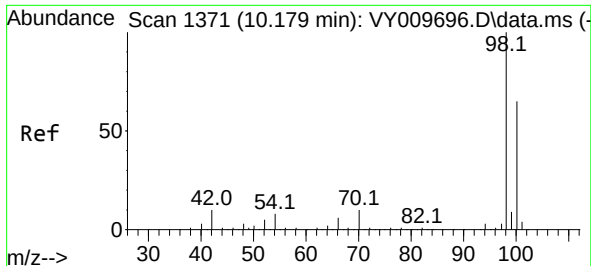
Tgt Ion: 75 Resp: 227
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.910 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.115 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

Tgt Ion: 117 Resp: 319
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

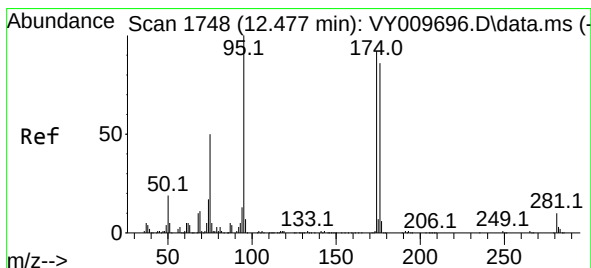
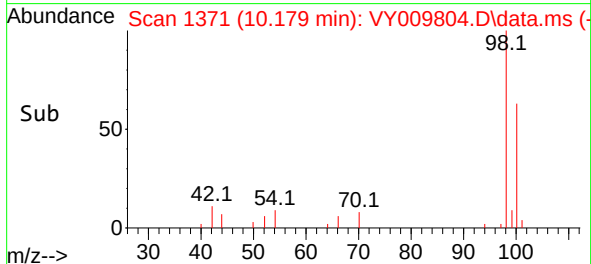
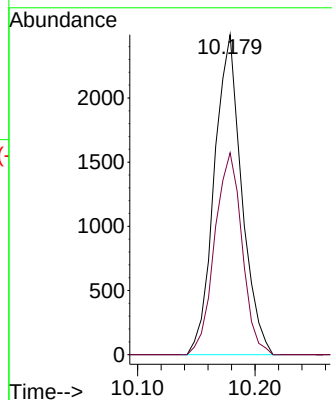
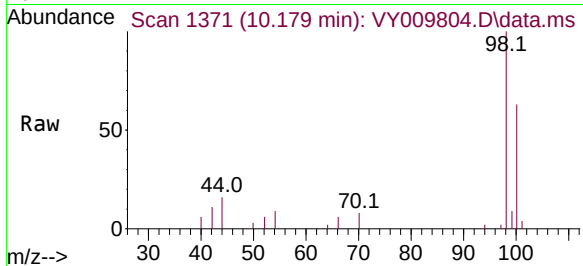




#50
Toluene-d8
Concen: 52.532 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

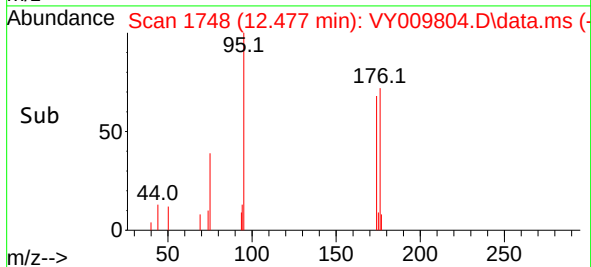
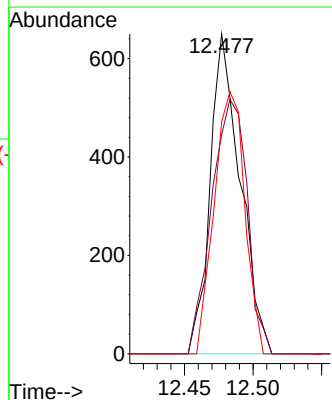
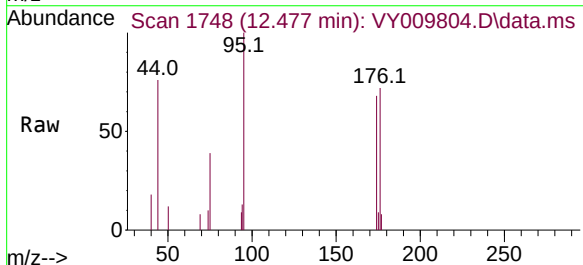
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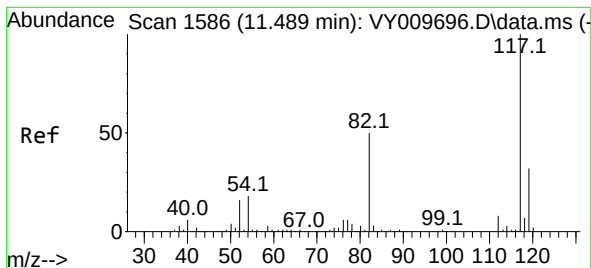
Tgt Ion: 98 Resp: 4034
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 28.172 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

Tgt Ion: 95 Resp: 989
Ion Ratio Lower Upper
95 100
174 94.5 0.0 177.0
176 83.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009804.D

Acq: 01 Aug 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-072922

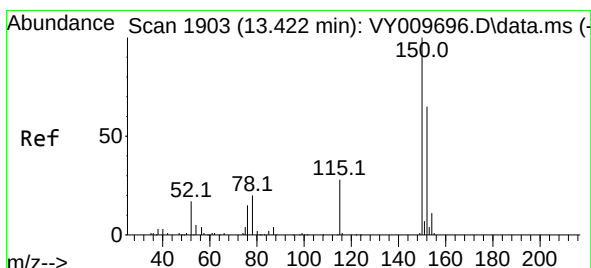
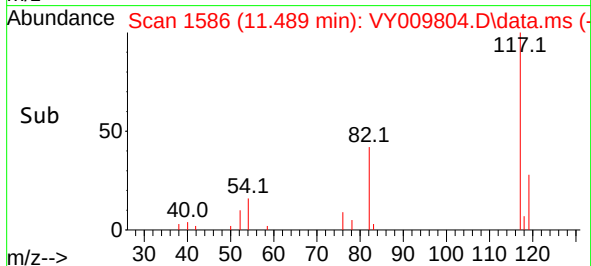
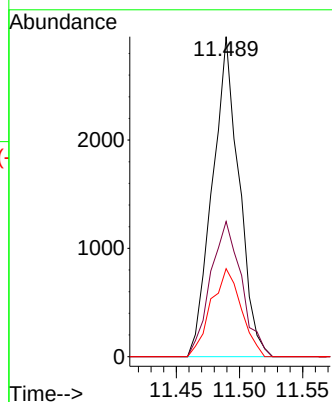
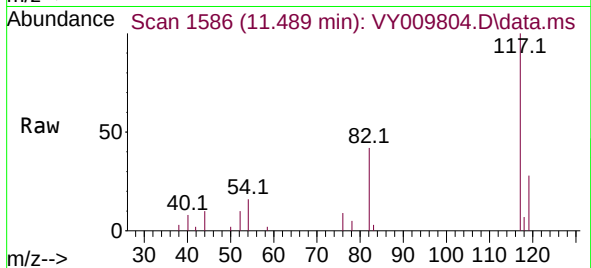
Tgt Ion:117 Resp: 4327

Ion Ratio Lower Upper

117 100

82 42.2 43.0 64.4#

119 27.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009804.D

Acq: 01 Aug 2022 18:12

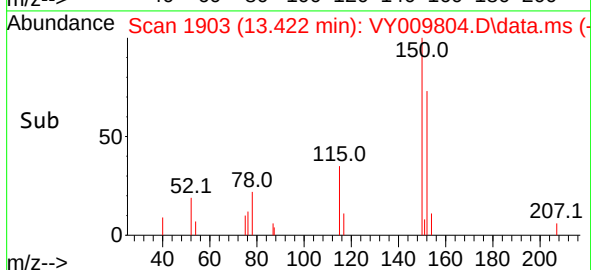
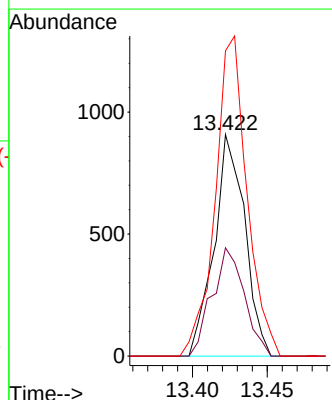
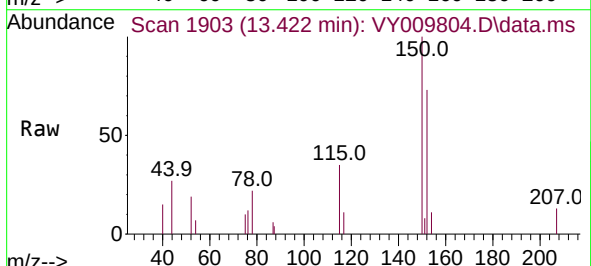
Tgt Ion:152 Resp: 1294

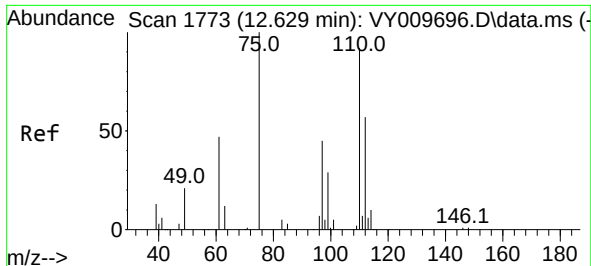
Ion Ratio Lower Upper

152 100

115 51.4 28.2 84.7

150 149.3 0.0 347.6

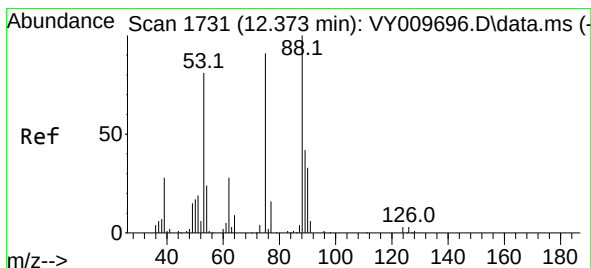
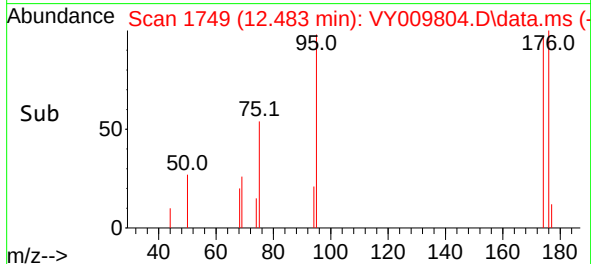
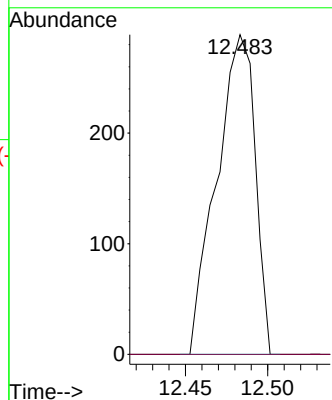
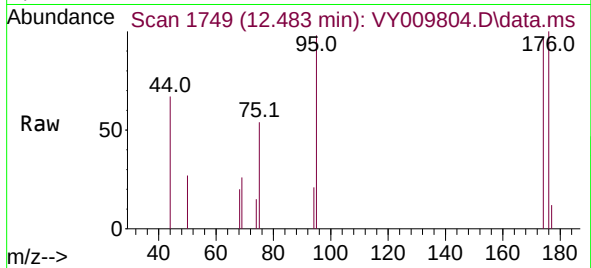




#76
1,2,3-Trichloropropane
Concen: 39.187 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-072922

Tgt Ion: 75 Resp: 471
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 78.111 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

Tgt Ion: 75 Resp: 471
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

