

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008704.D
 Acq On : 11 May 2022 14:06
 Operator : KP/MD
 Sample : N2760-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-34

Quant Time: May 12 06:28:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

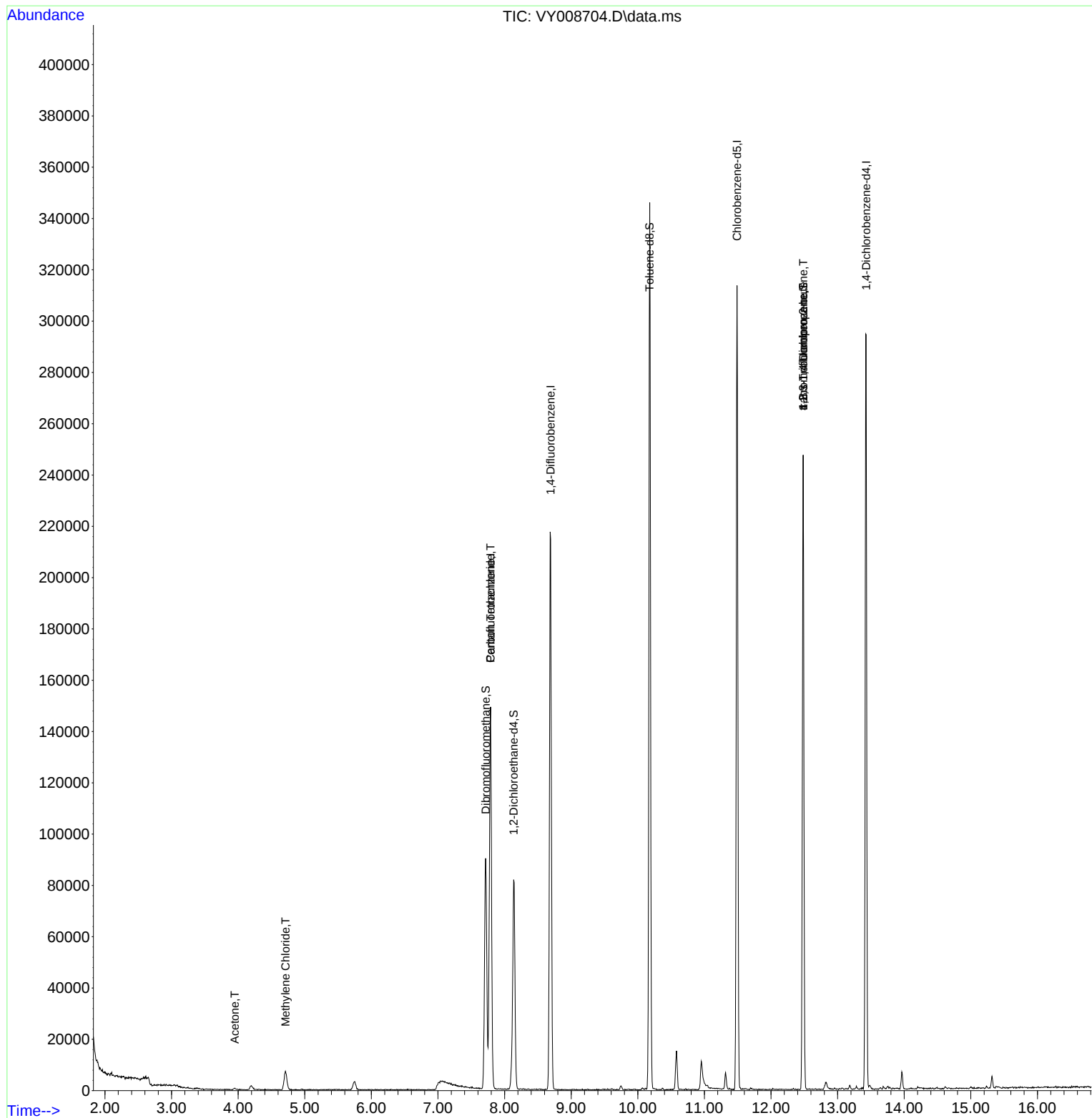
Internal Standards						
1) Pentafluorobenzene	7.789	168	125897	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	202270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	186585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58884	54.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.180%	
35) Dibromofluoromethane	7.716	113	65017	52.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.320%	
50) Toluene-d8	10.179	98	234622	53.414	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.820%	
62) 4-Bromofluorobenzene	12.483	95	71455	45.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	281	Below Cal	#	77
16) Acetone	3.948	43	1008	3.961	ug/l	94
18) Methyl Acetate	4.198	43	612	Below Cal	#	56
20) Methylene Chloride	4.710	84	5825	3.769	ug/l	# 72
38) Carbon Tetrachloride	7.789	117	10733	5.299	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	34319	36.421	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	34319	72.461	ug/l	# 7

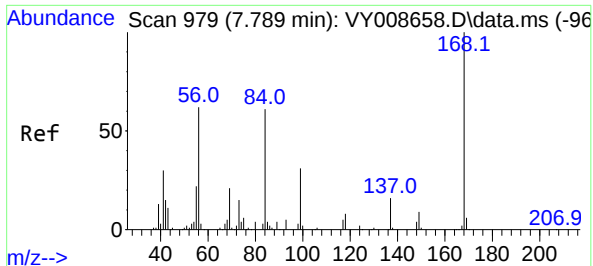
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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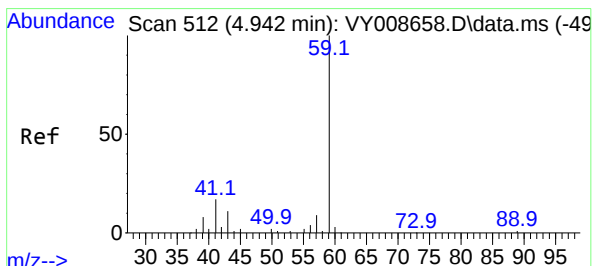
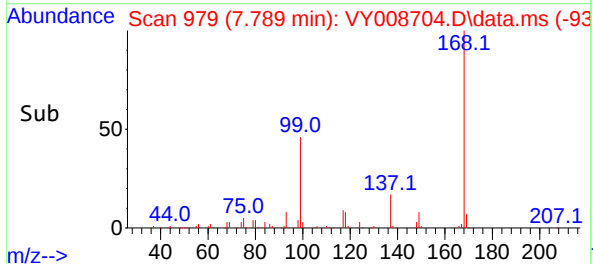
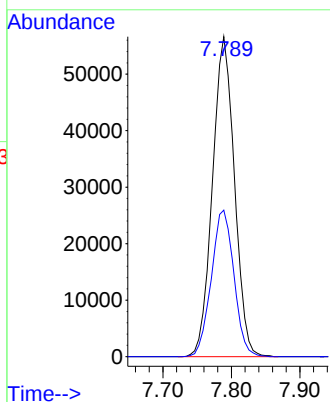
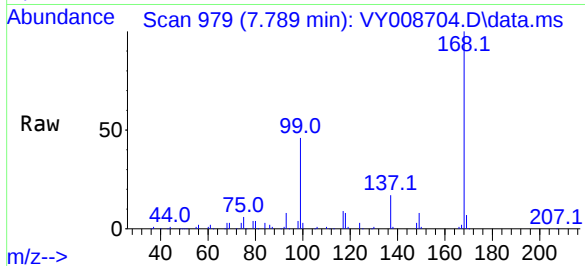




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008704.D
Acq: 11 May 2022 14:06

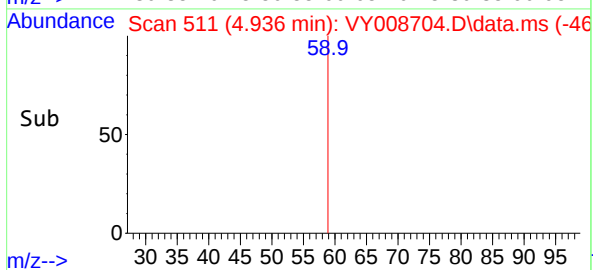
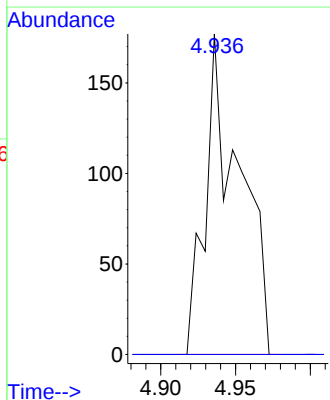
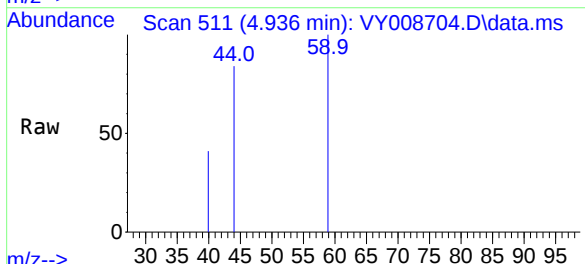
Instrument :
MSVOA_Y
ClientSampleId :
TP-34

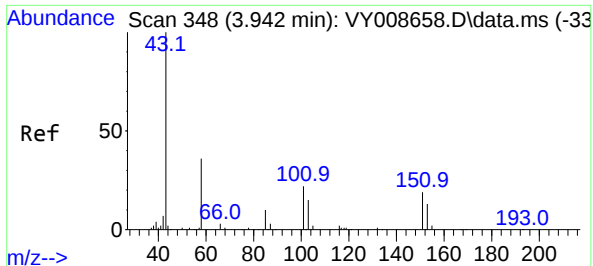
Tgt Ion:168 Resp: 125897
Ion Ratio Lower Upper
168 100
99 45.8 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY008704.D
Acq: 11 May 2022 14:06

Tgt Ion: 59 Resp: 281
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

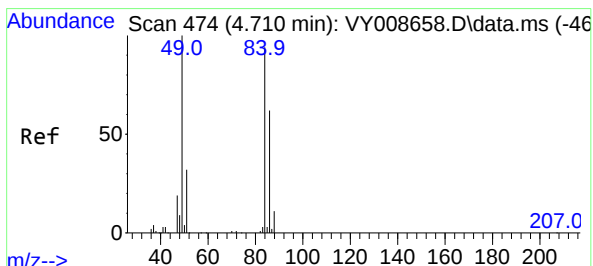
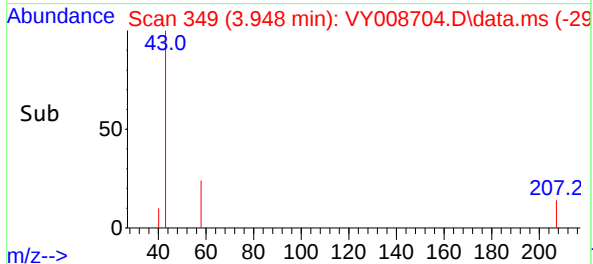
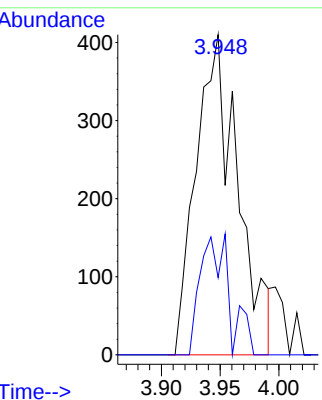
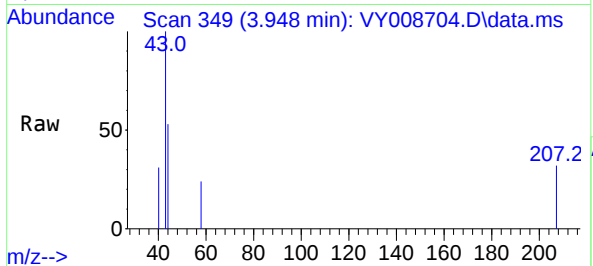




#16
Acetone
Concen: 3.961 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008704.D
Acq: 11 May 2022 14:06

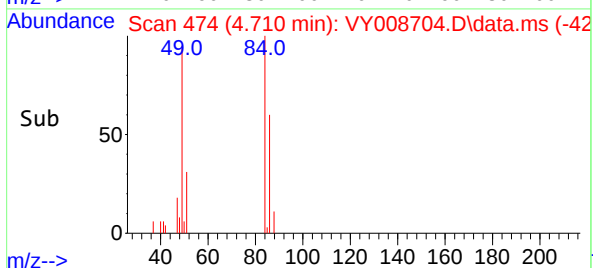
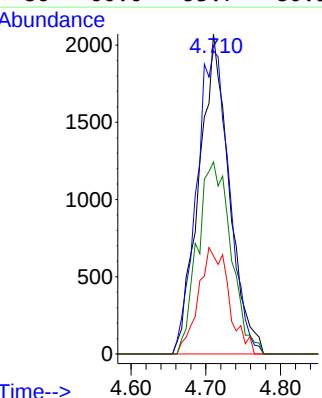
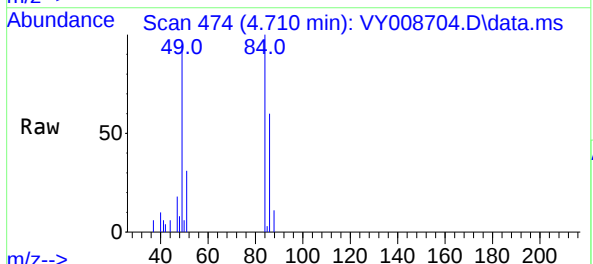
Instrument :
MSVOA_Y
ClientSampleId :
TP-34

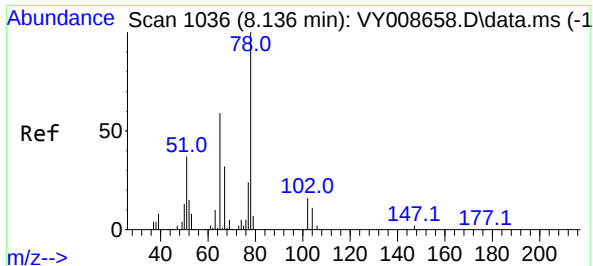
Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
58 24.1 22.0 33.0



#20
Methylene Chloride
Concen: 3.769 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008704.D
Acq: 11 May 2022 14:06

Tgt Ion: 84 Resp: 5825
Ion Ratio Lower Upper
84 100
49 94.7 114.4 171.6#
51 30.6 35.3 52.9#
86 60.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 54.585 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008704.D

Acq: 11 May 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

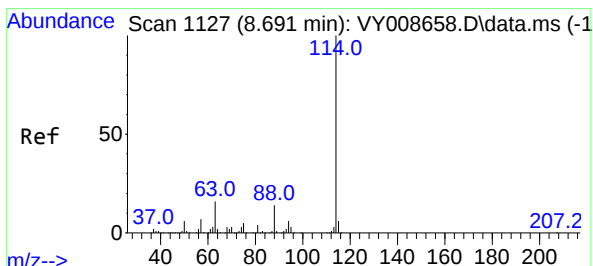
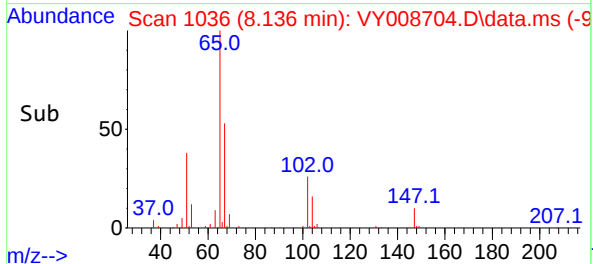
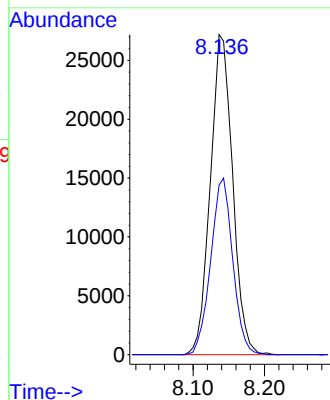
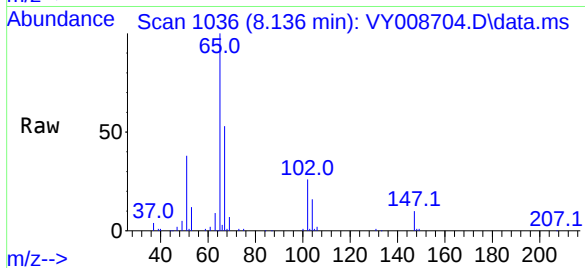
TP-34

Tgt Ion: 65 Resp: 58884

Ion Ratio Lower Upper

65 100

67 54.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008704.D

Acq: 11 May 2022 14:06

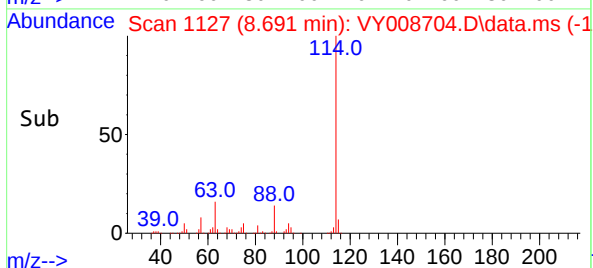
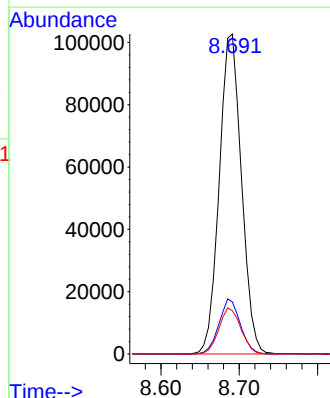
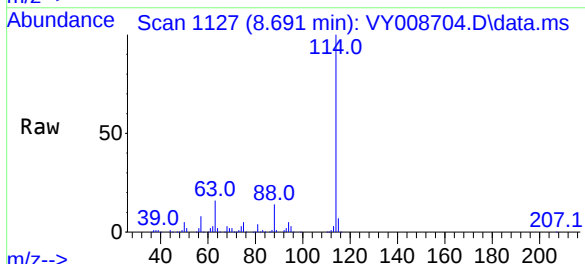
Tgt Ion: 114 Resp: 202270

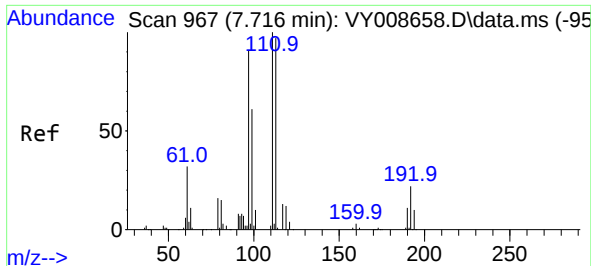
Ion Ratio Lower Upper

114 100

63 16.3 0.0 43.2

88 13.5 0.0 31.8

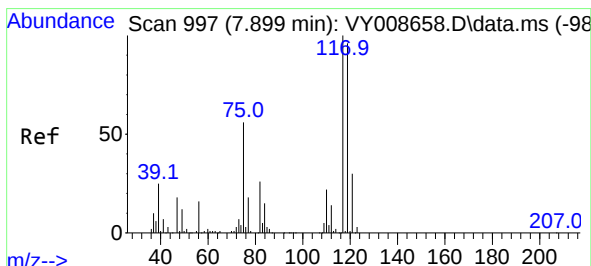
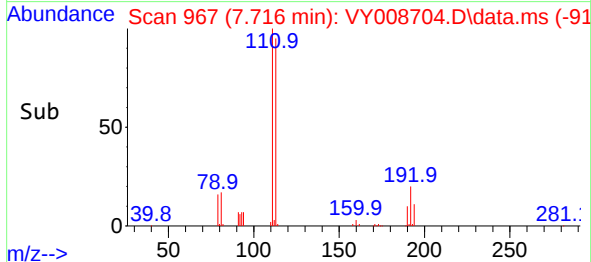
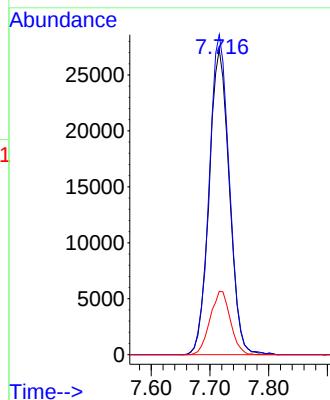
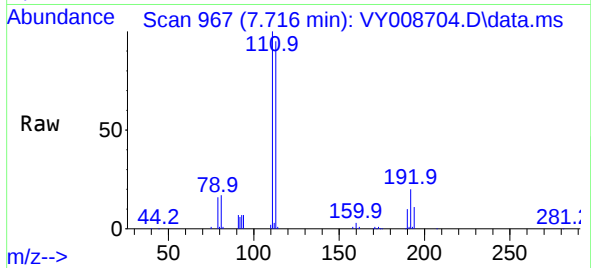




#35
Dibromofluoromethane
Concen: 52.161 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008704.D
Acq: 11 May 2022 14:06

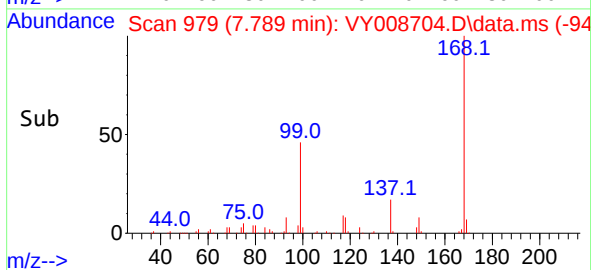
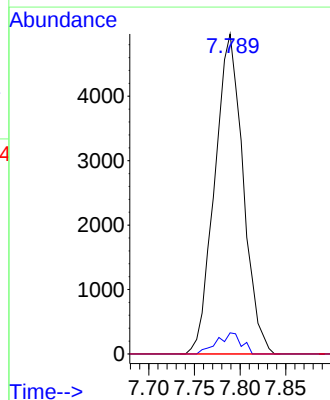
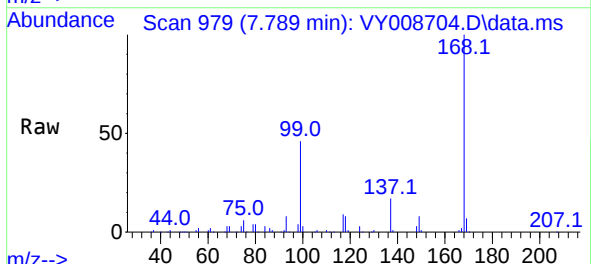
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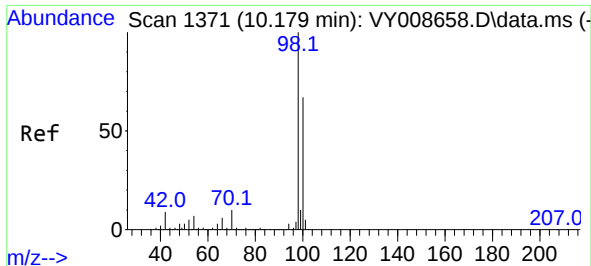
Tgt Ion:113 Resp: 65017
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 20.8 17.6 26.4



#38
Carbon Tetrachloride
Concen: 5.299 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008704.D
Acq: 11 May 2022 14:06

Tgt Ion:117 Resp: 10733
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#

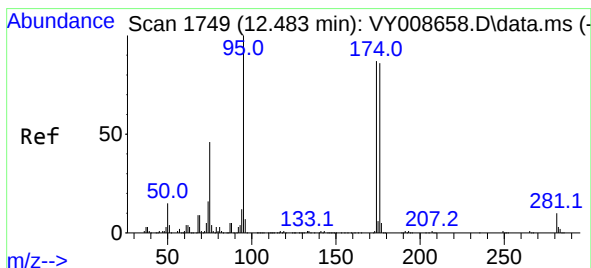
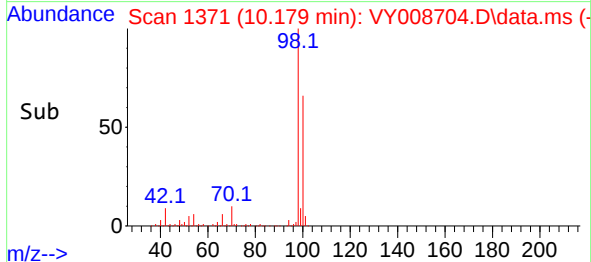
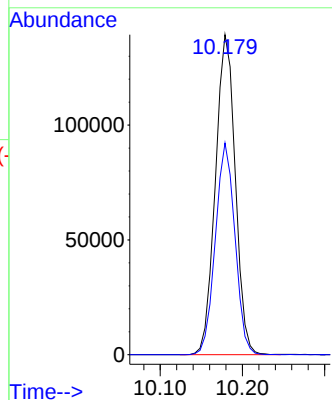
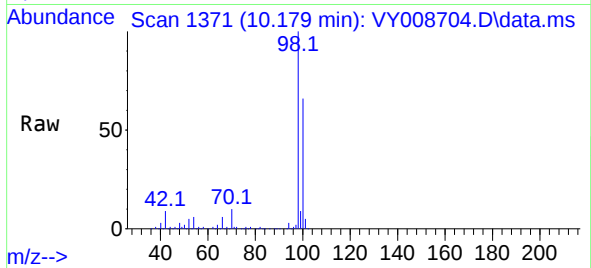




#50
Toluene-d8
Concen: 53.414 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008704.D
Acq: 11 May 2022 14:06

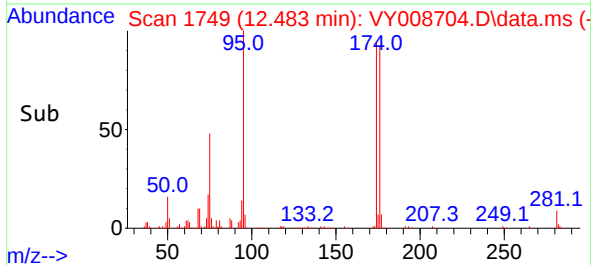
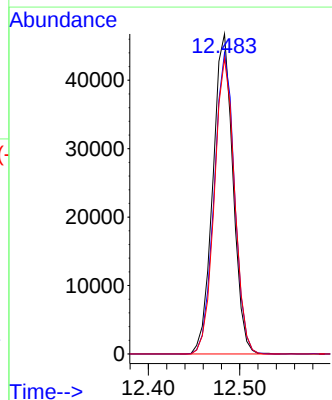
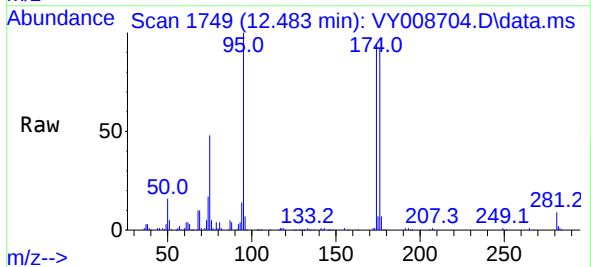
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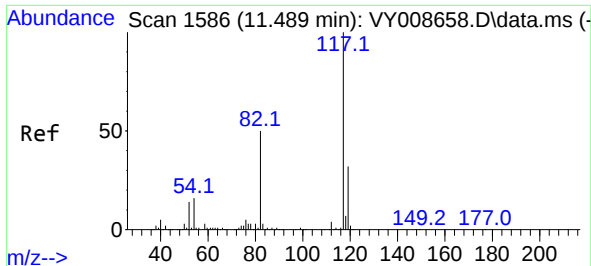
Tgt Ion: 98 Resp: 234622
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008704.D
Acq: 11 May 2022 14:06

Tgt Ion: 95 Resp: 71455
Ion Ratio Lower Upper
95 100
174 94.9 0.0 177.0
176 92.6 0.0 175.8

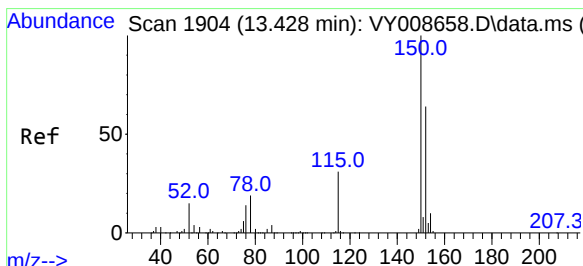
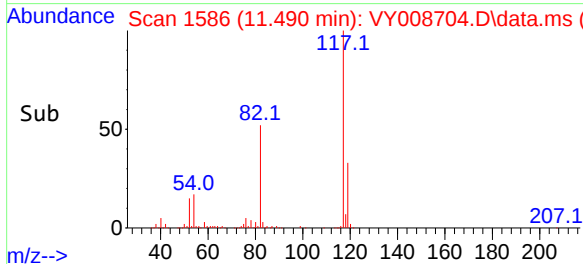
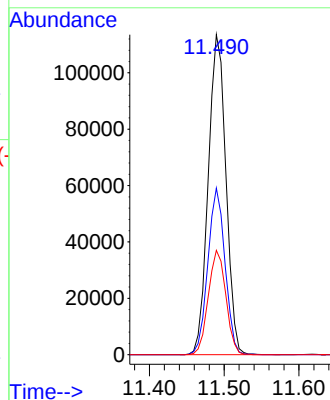
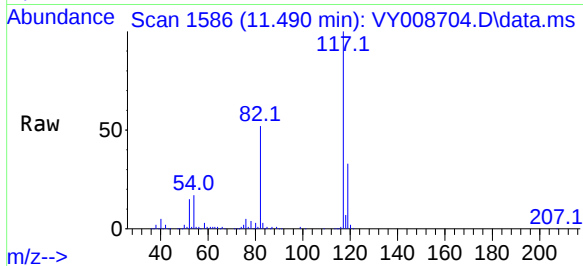




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008704.D
Acq: 11 May 2022 14:06

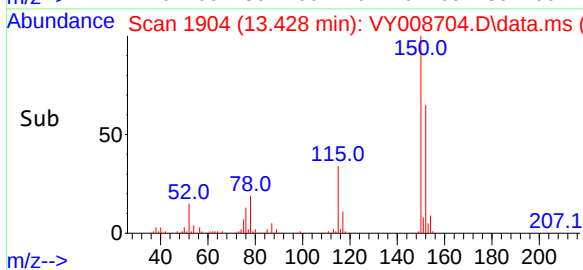
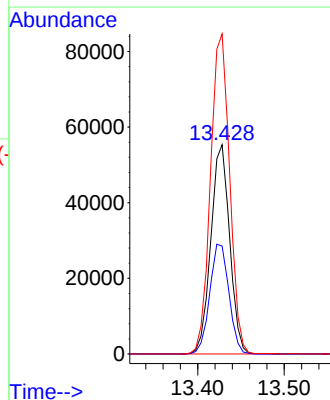
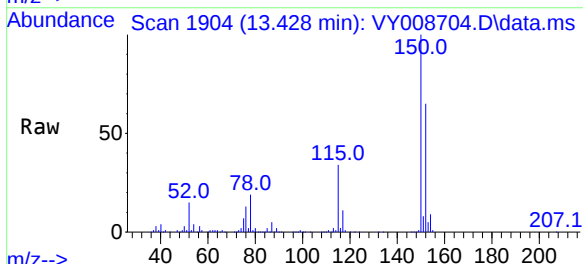
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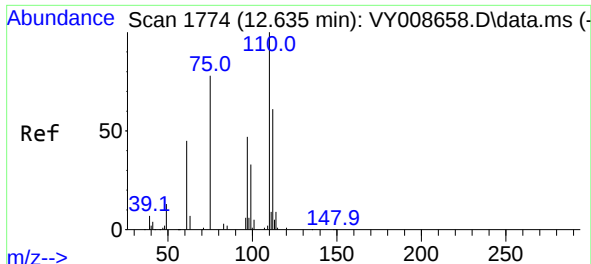
Tgt Ion:117 Resp: 186585
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008704.D
Acq: 11 May 2022 14:06

Tgt Ion:152 Resp: 83591
Ion Ratio Lower Upper
152 100
115 53.4 28.2 84.7
150 155.6 0.0 347.6

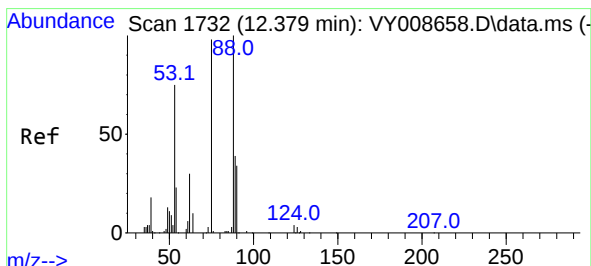
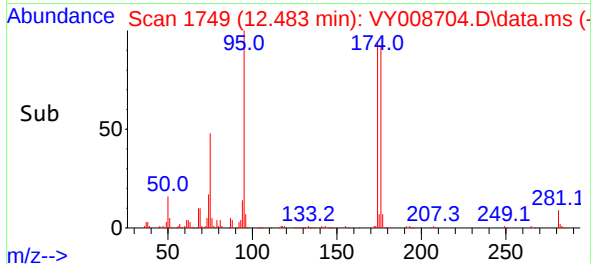
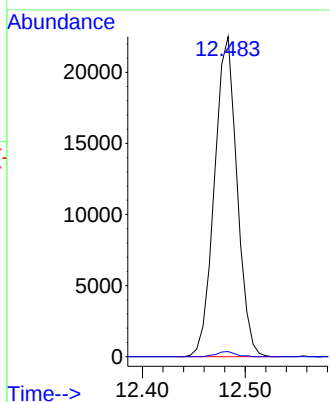
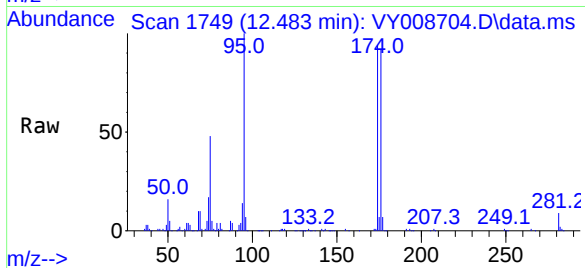




#76
1,2,3-Trichloropropane
Concen: 36.421 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008704.D
Acq: 11 May 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
TP-34

Tgt Ion: 75 Resp: 34319
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.461 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008704.D
Acq: 11 May 2022 14:06

Tgt Ion: 75 Resp: 34319
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

