

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008350.D
 Acq On : 15 Apr 2022 14:52
 Operator : KP/MD
 Sample : N2391-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-041422

Quant Time: Apr 16 04:58:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

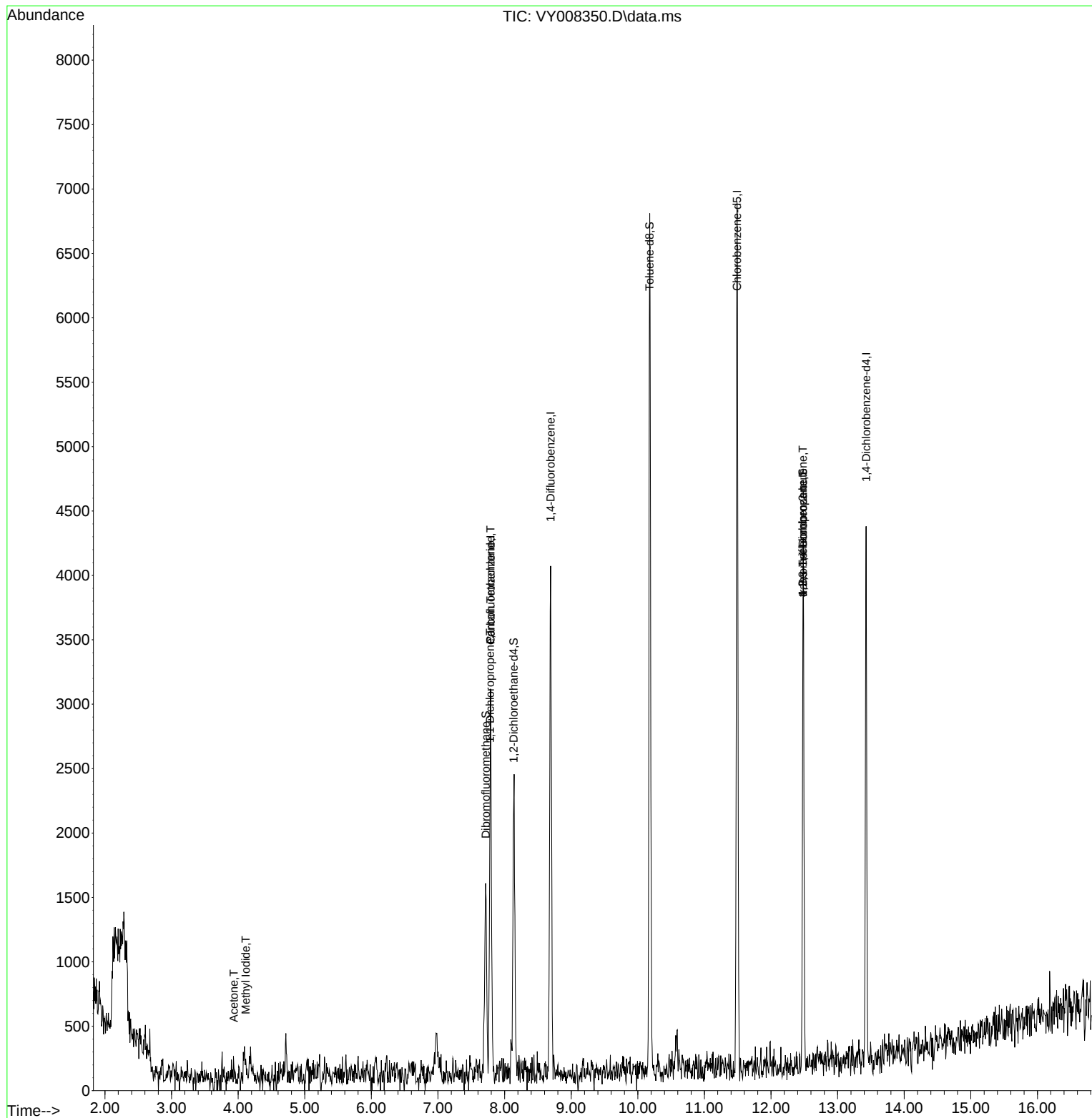
Internal Standards						
1) Pentafluorobenzene	7.789	168	2434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1707	74.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.320%	
35) Dibromofluoromethane	7.716	113	1081	47.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.340%	
50) Toluene-d8	10.179	98	4746	61.166	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.340%	
62) 4-Bromofluorobenzene	12.477	95	1278	43.791	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.580%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	319	12.533	ug/l #	63
16) Acetone	3.936	43	99	18.003	ug/l #	47
20) Methylene Chloride	4.716	84	94	Below Cal	#	32
36) 1,1-Dichloropropene	7.783	75	167	4.612	ug/l #	42
38) Carbon Tetrachloride	7.789	117	213	5.468	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	829	62.050	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	829	138.835	ug/l #	7

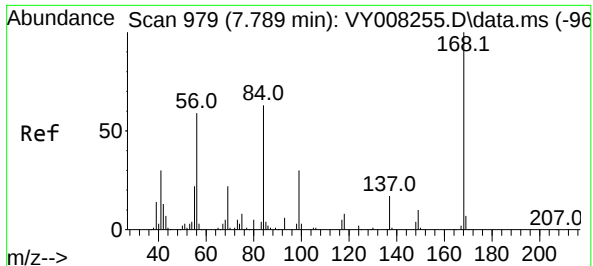
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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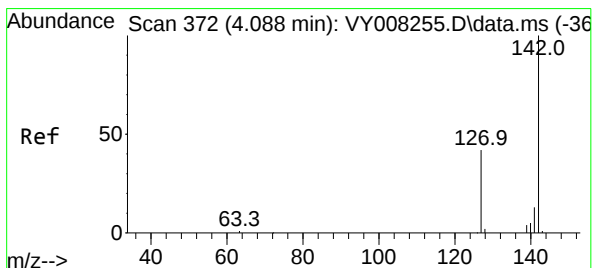
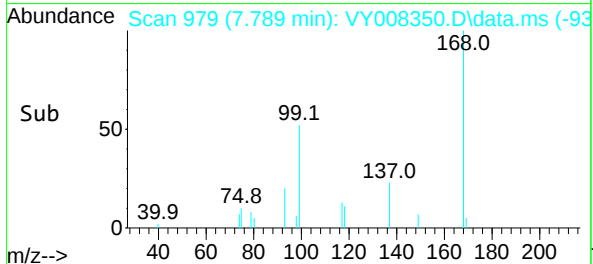
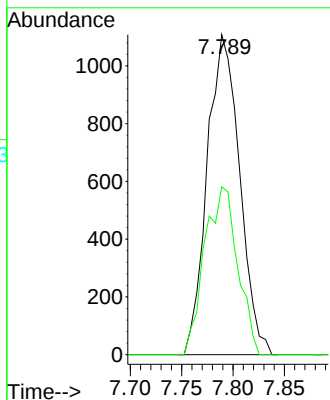
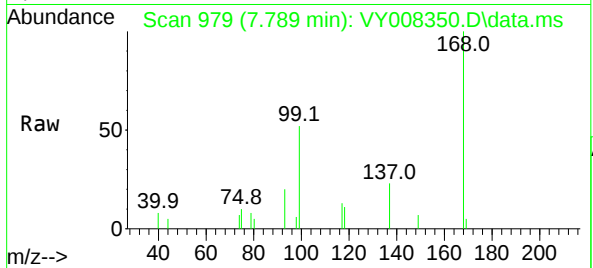




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008350.D
Acq: 15 Apr 2022 14:52

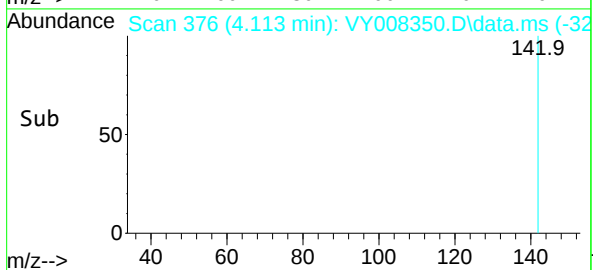
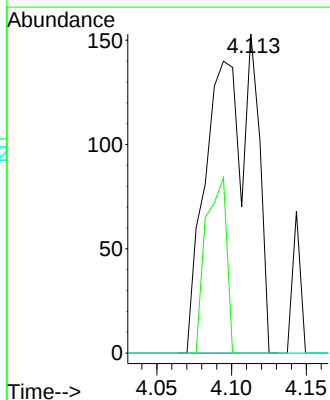
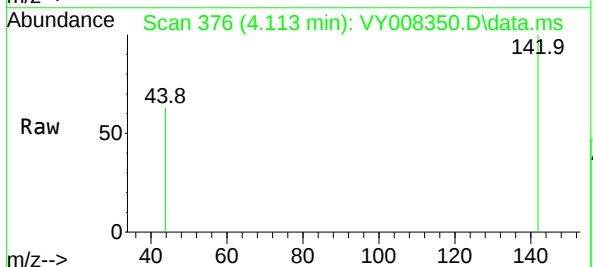
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-041422

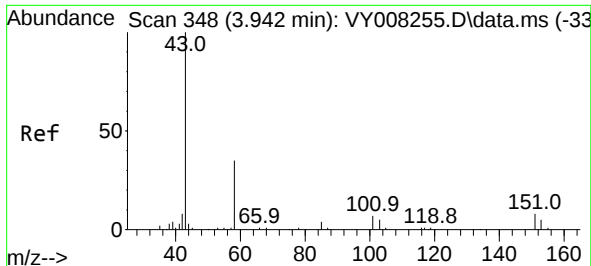
Tgt Ion:168 Resp: 2434
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#10
Methyl Iodide
Concen: 12.533 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY008350.D
Acq: 15 Apr 2022 14:52

Tgt Ion:142 Resp: 319
Ion Ratio Lower Upper
142 100
127 25.4 41.5 62.3#
141 0.0 11.9 17.9#

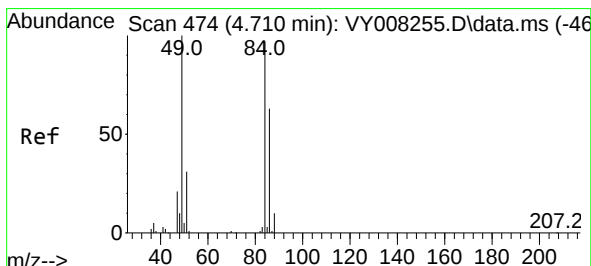
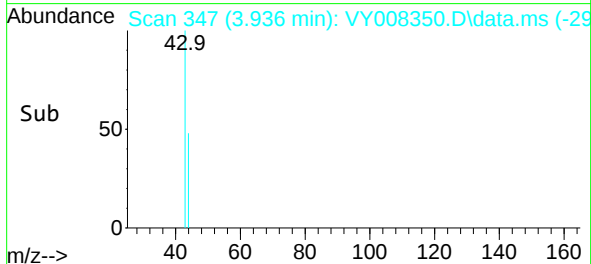
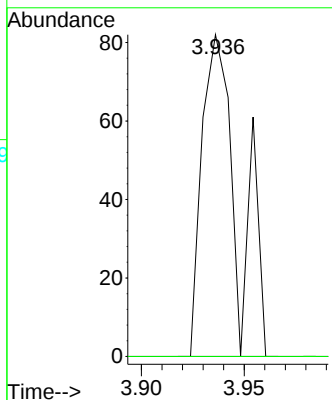
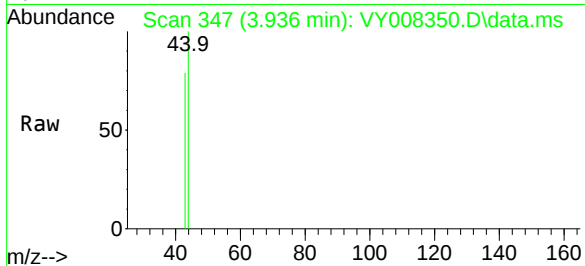




#16
Acetone
Concen: 18.003 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008350.D
Acq: 15 Apr 2022 14:52

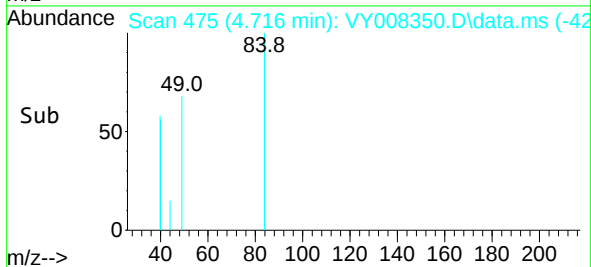
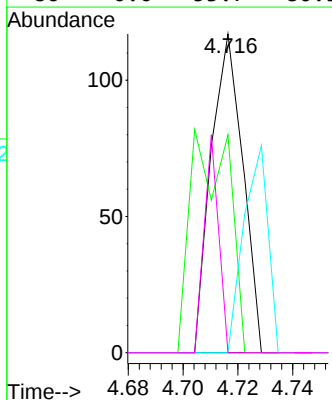
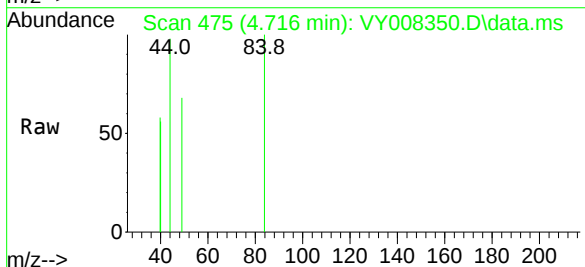
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-041422

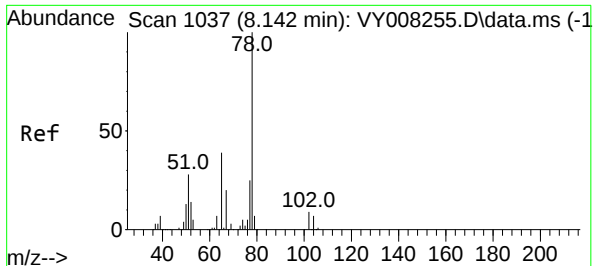
Tgt Ion: 43 Resp: 99
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008350.D
Acq: 15 Apr 2022 14:52

Tgt Ion: 84 Resp: 94
Ion Ratio Lower Upper
84 100
49 68.4 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 74.662 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VY008350.D

Acq: 15 Apr 2022 14:52

Instrument :

MSVOA_Y

ClientSampleId :

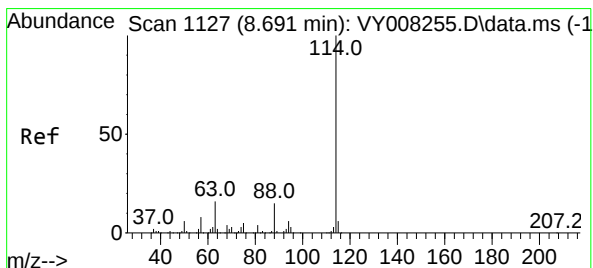
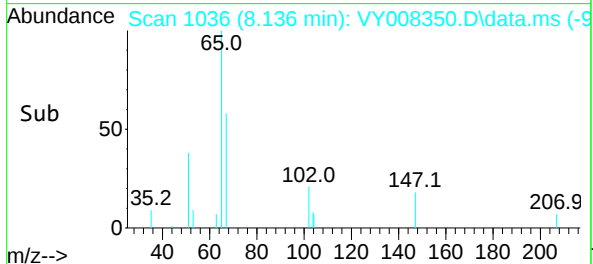
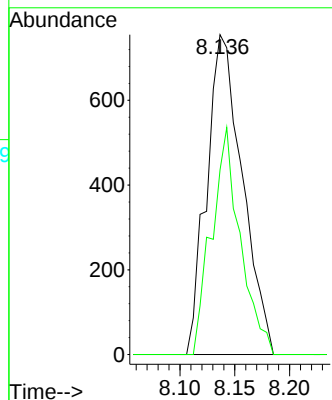
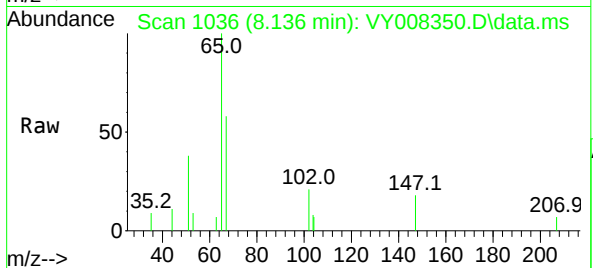
TR-06-041422

Tgt Ion: 65 Resp: 1707

Ion Ratio Lower Upper

65 100

67 57.1 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: VY008350.D

Acq: 15 Apr 2022 14:52

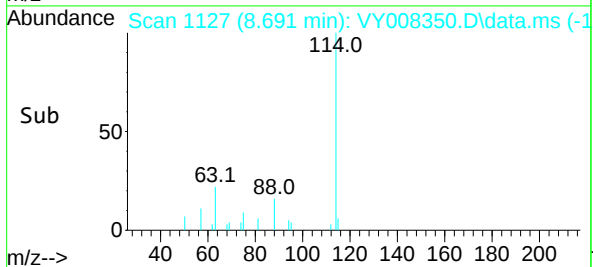
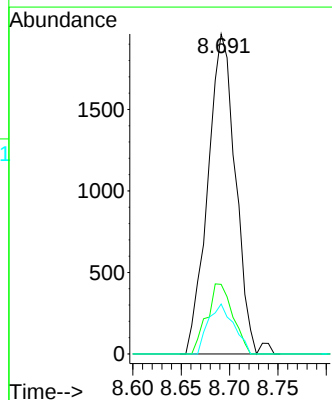
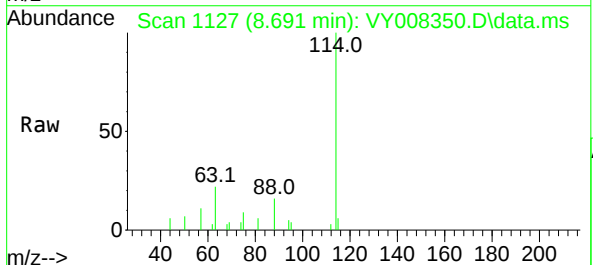
Tgt Ion: 114 Resp: 3926

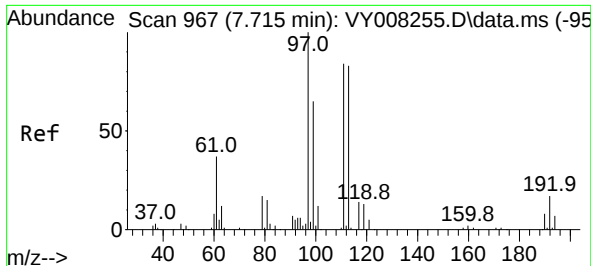
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

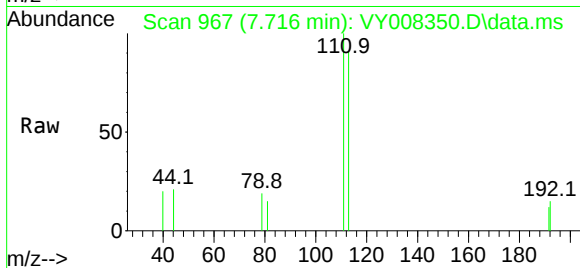
88 15.6 0.0 31.8



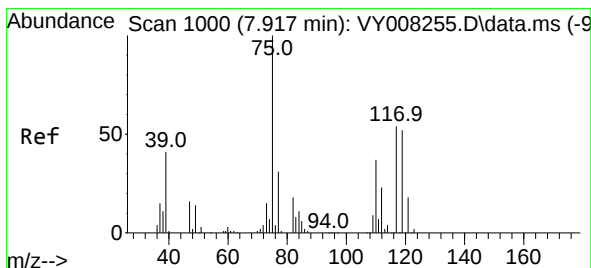
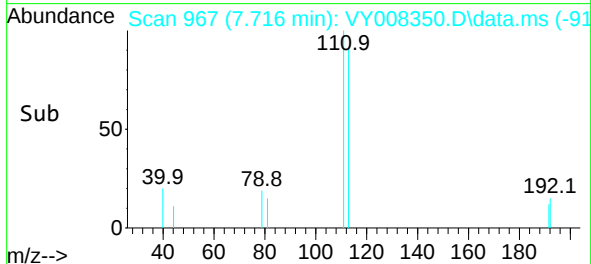
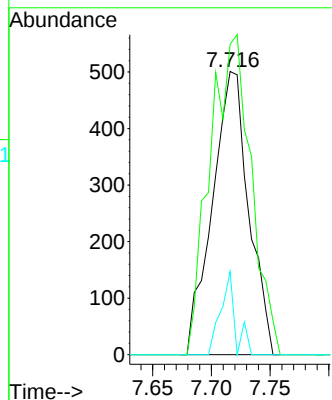


#35
 Dibromofluoromethane
 Concen: 47.672 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. 0.001 min
 Lab File: VY008350.D
 Acq: 15 Apr 2022 14:52

Instrument :
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 ClientSampleId :
 TR-06-041422

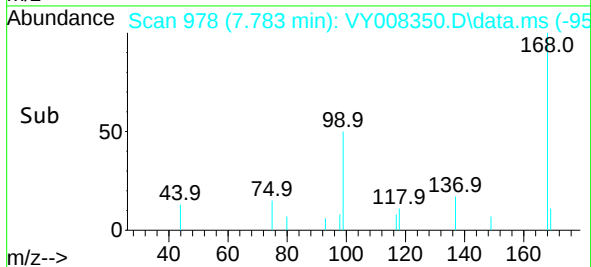
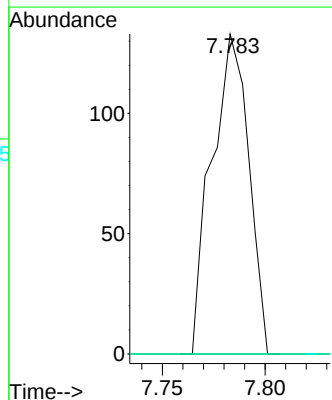
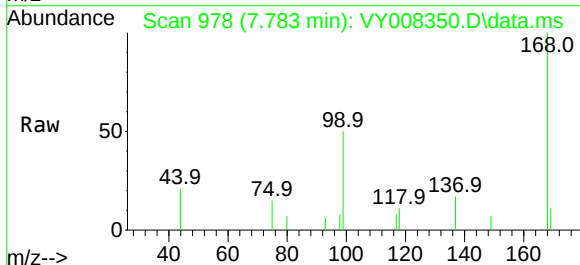


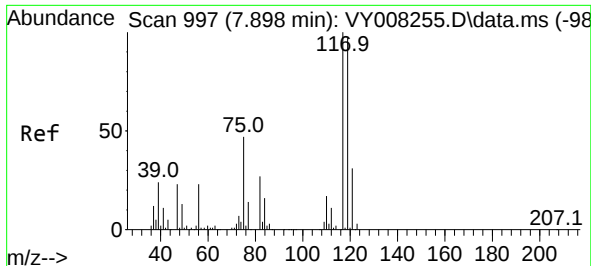
Tgt Ion:113 Resp: 1081
 Ion Ratio Lower Upper
 113 100
 111 127.5 82.6 124.0#
 192 11.7 17.6 26.4#



#36
 1,1-Dichloropropene
 Concen: 4.612 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.134 min
 Lab File: VY008350.D
 Acq: 15 Apr 2022 14:52

Tgt Ion: 75 Resp: 167
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.1 51.2#
 77 0.0 24.4 36.6#

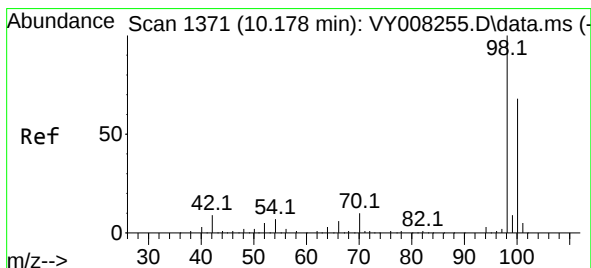
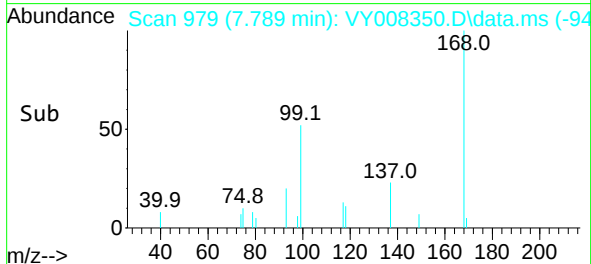
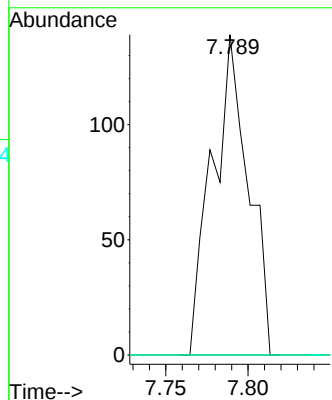
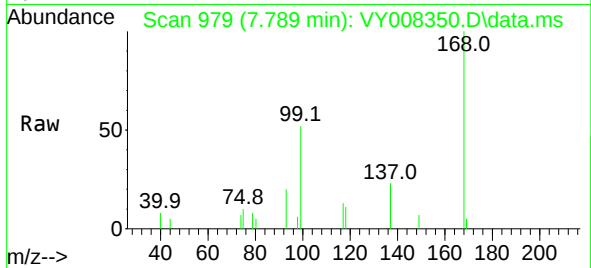




#38
Carbon Tetrachloride
Concen: 5.468 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008350.D
Acq: 15 Apr 2022 14:52

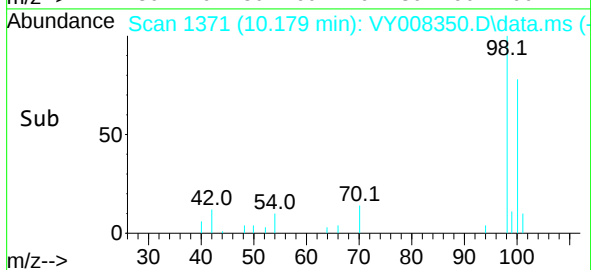
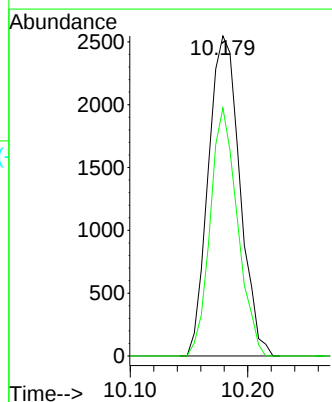
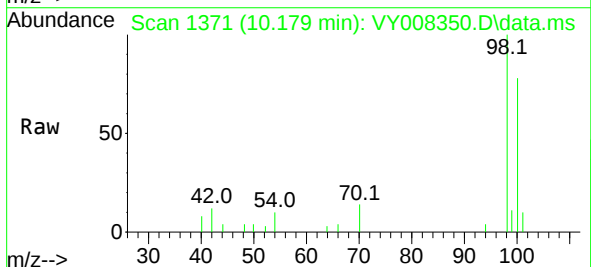
Instrument :
MSVOA_Y
ClientSampleId :
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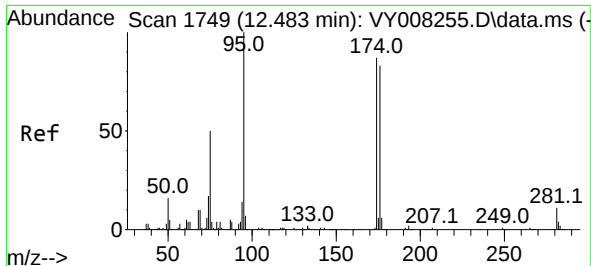
Tgt Ion:117 Resp: 213
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.166 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008350.D
Acq: 15 Apr 2022 14:52

Tgt Ion: 98 Resp: 4746
Ion Ratio Lower Upper
98 100
100 67.2 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 43.791 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008350.D

Acq: 15 Apr 2022 14:52

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-041422

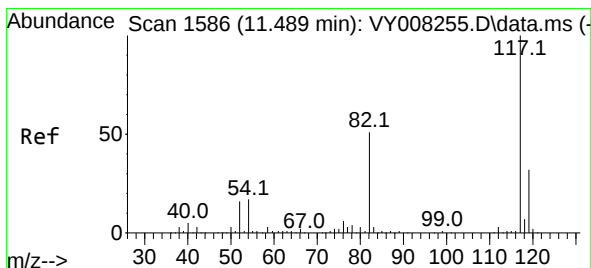
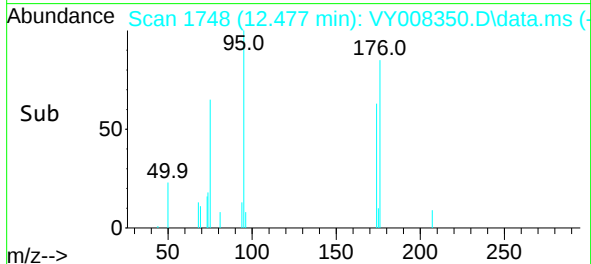
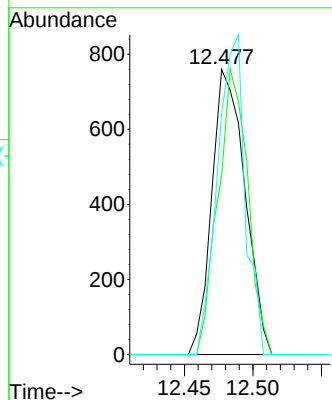
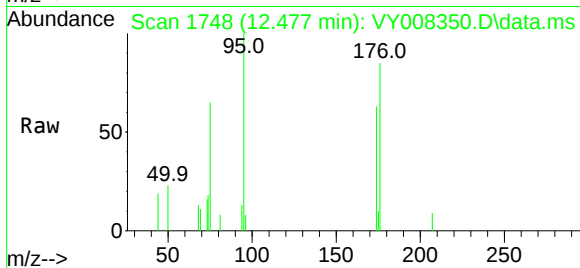
Tgt Ion: 95 Resp: 1278

Ion Ratio Lower Upper

95 100

174 89.9 0.0 177.0

176 93.3 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY008350.D

Acq: 15 Apr 2022 14:52

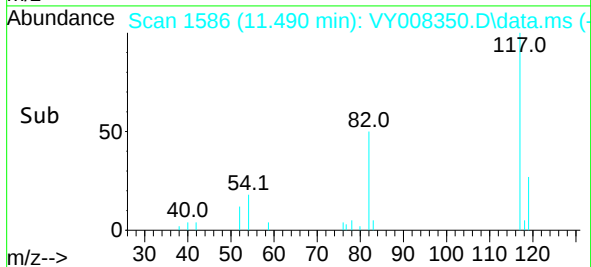
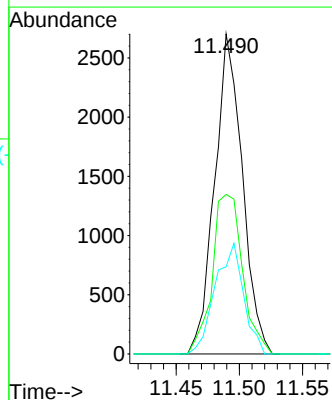
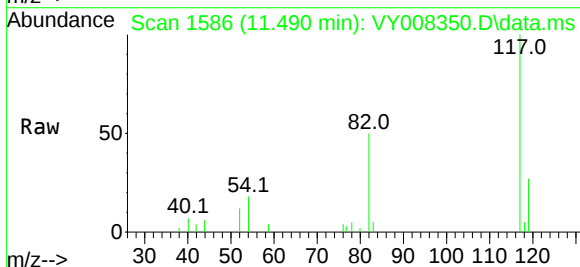
Tgt Ion: 117 Resp: 4119

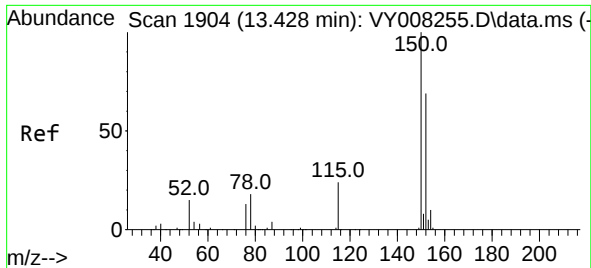
Ion Ratio Lower Upper

117 100

82 49.9 43.0 64.4

119 27.2 25.4 38.0

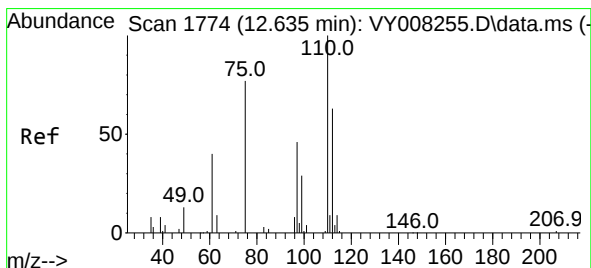
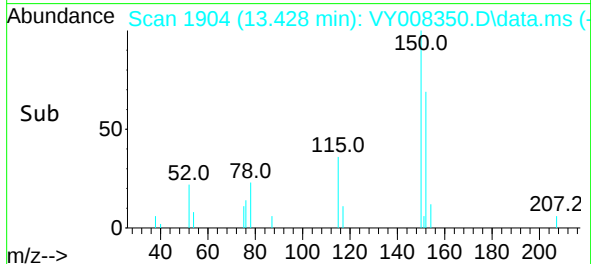
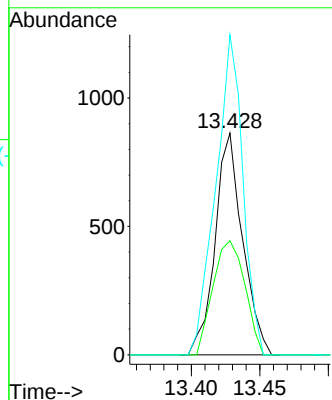
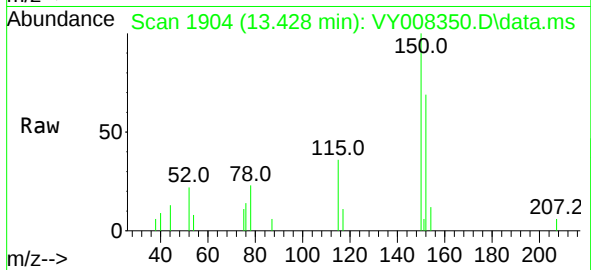




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008350.D
 Acq: 15 Apr 2022 14:52

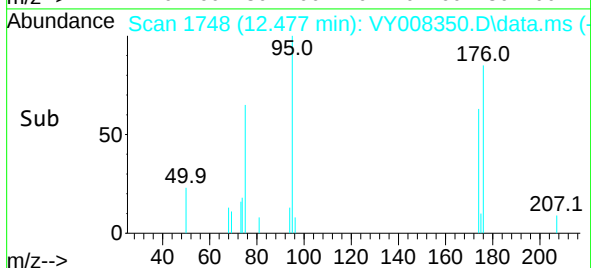
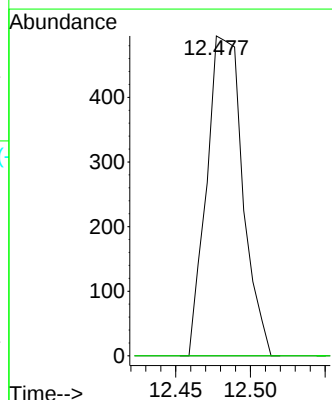
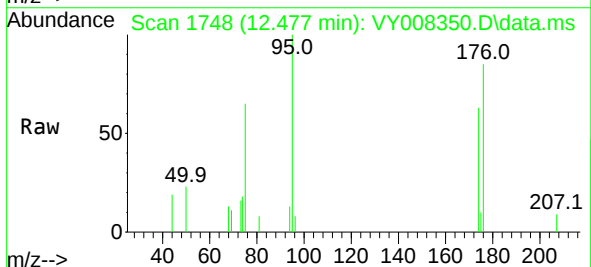
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-041422

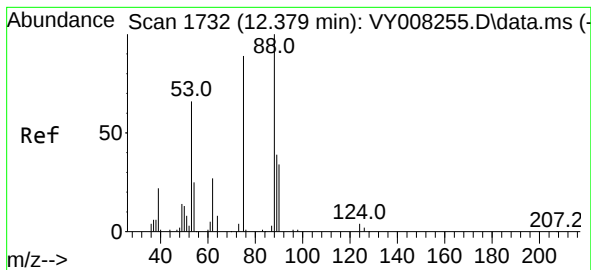
Tgt Ion:152 Resp: 1208
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.2 84.7
 150 142.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 62.050 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY008350.D
 Acq: 15 Apr 2022 14:52

Tgt Ion: 75 Resp: 829
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.835 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY008350.D
 Acq: 15 Apr 2022 14:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-041422

Tgt Ion: 75 Resp: 829
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

