

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004958.D
 Acq On : 04 Jun 2021 12:48
 Operator : SY/MD
 Sample : M2589-19RE
 Misc : 14.89G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(2-4)RE

Quant Time: Jun 05 01:32:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

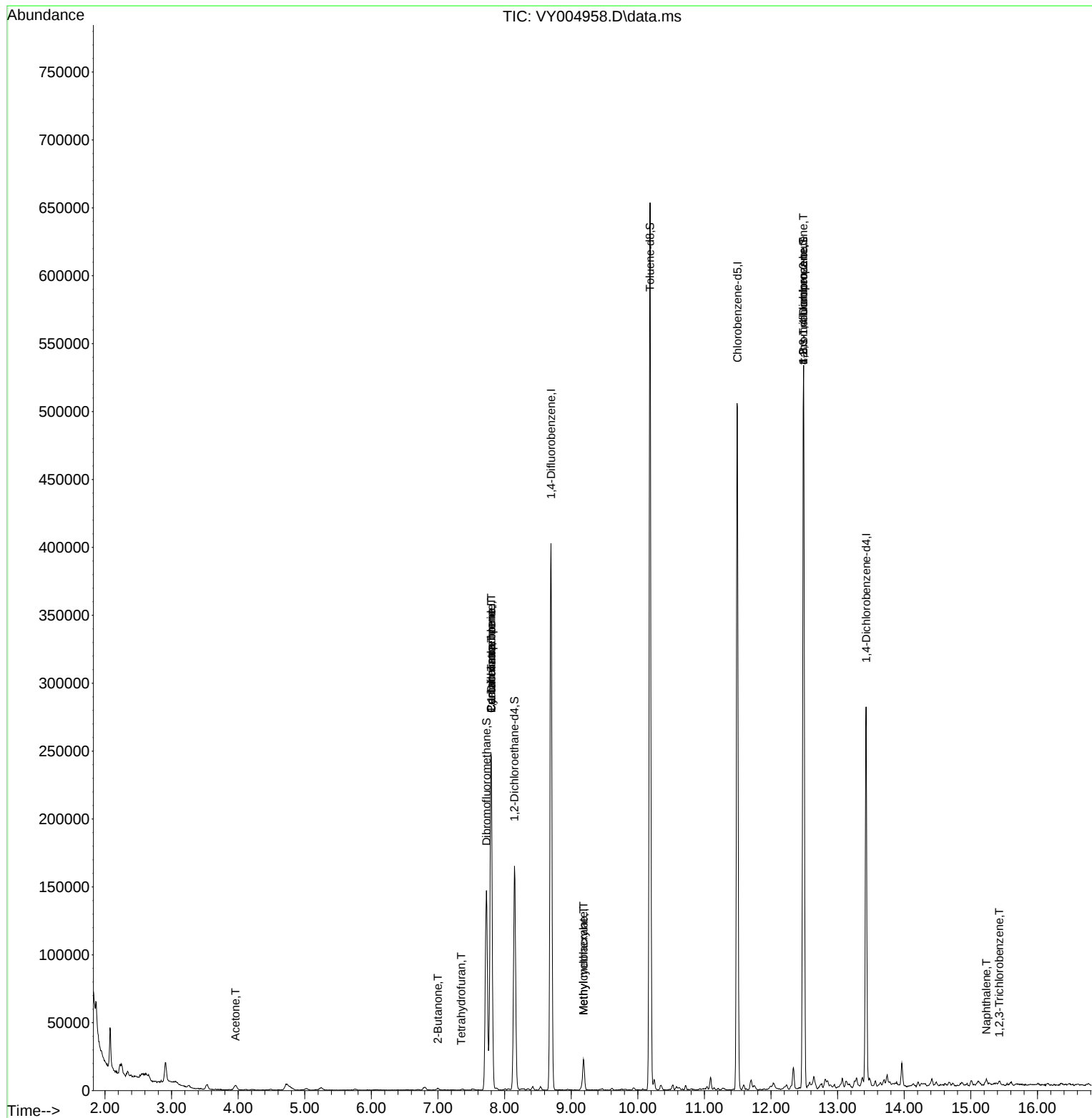
Internal Standards						
1) Pentafluorobenzene	7.801	168	181769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	336039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	269513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	125019	65.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.120%
35) Dibromofluoromethane	7.728	113	104036	57.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.080%
50) Toluene-d8	10.185	98	402887	53.657	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.320%
62) 4-Bromofluorobenzene	12.483	95	95437	36.958	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.920%
Target Compounds						
13) Acrolein	3.729	56	87	Below Cal	#	81
16) Acetone	3.960	43	5138	11.107	ug/l	98
20) Methylene Chloride	4.716	84	2510	Below Cal	#	82
25) 2-Butanone	6.996	43	1294	1.664	ug/l	96
29) Tetrahydrofuran	7.350	42	504	1.019	ug/l	# 60
31) Cyclohexane	7.801	56	9727	2.875	ug/l	# 40
36) 1,1-Dichloropropene	7.801	75	15572	4.735	ug/l	# 50
38) Carbon Tetrachloride	7.801	117	18076	6.316	ug/l	# 16
39) Methylcyclohexane	9.185	83	8626	2.375	ug/l	94
48) Methyl methacrylate	9.185	41	4707	2.664	ug/l	# 72
76) 1,2,3-Trichloropropane	12.483	75	53272	71.161	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	53272	130.778	ug/l	# 16
95) Naphthalene	15.233	128	3452	1.290	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	1098	1.024	ug/l	82

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
Data File : VY004958.D
Acq On : 04 Jun 2021 12:48
Operator : SY/MD
Sample : M2589-19RE
Misc : 14.89G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(2-4)RE

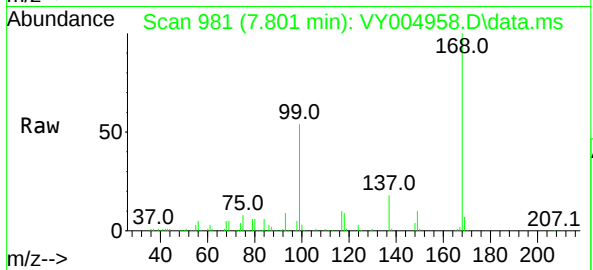
Quant Time: Jun 05 01:32:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration



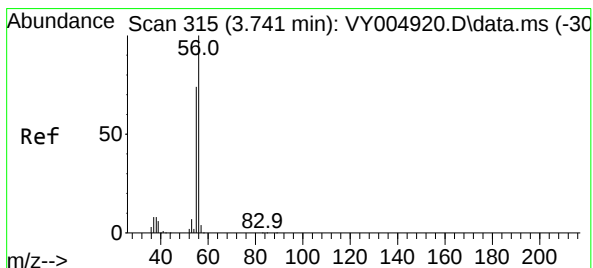
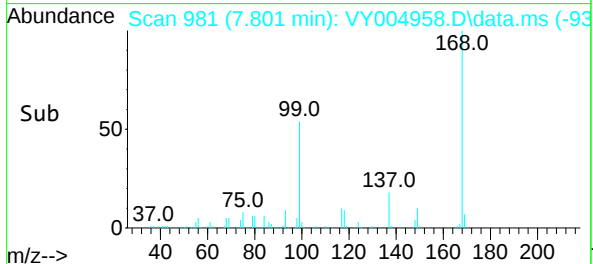
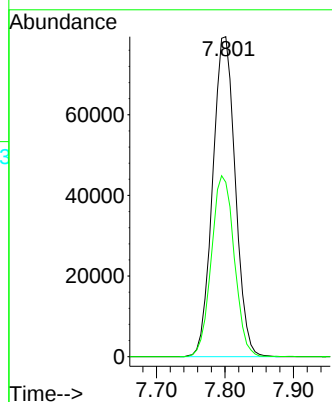


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(2-4)RE

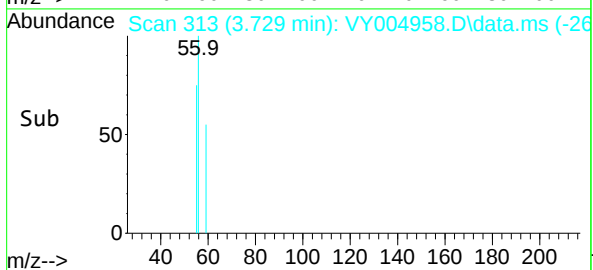
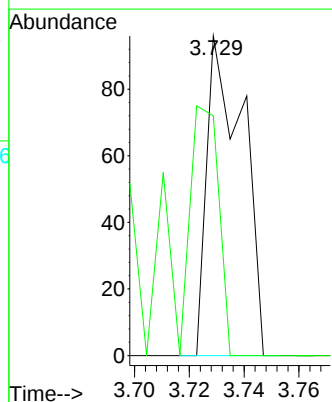
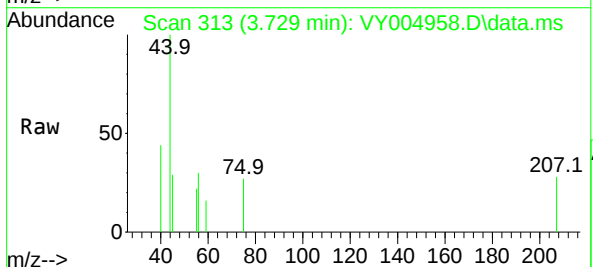


Tgt Ion:168 Resp: 181769
Ion Ratio Lower Upper
168 100
99 54.5 43.9 65.9



#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.012 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48

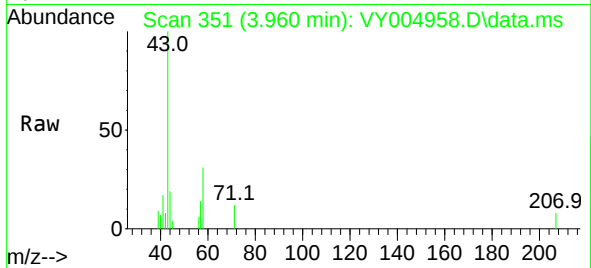
Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 85.1 55.4 83.2#



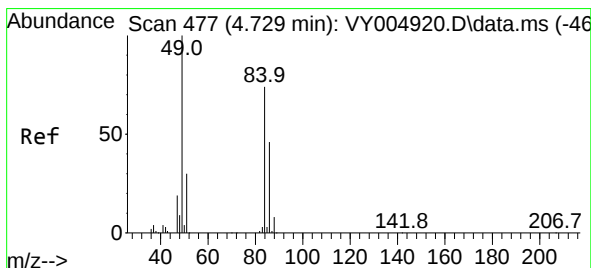
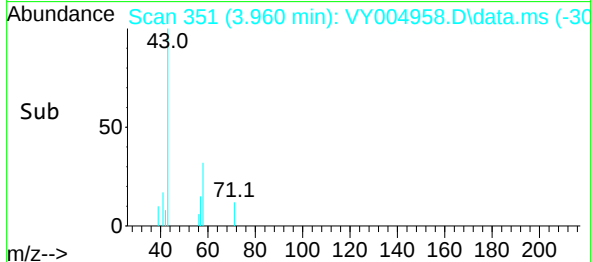
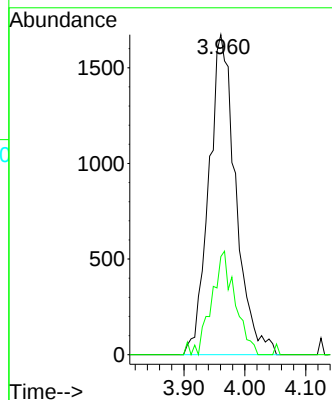


#16
Acetone
Concen: 11.107 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48

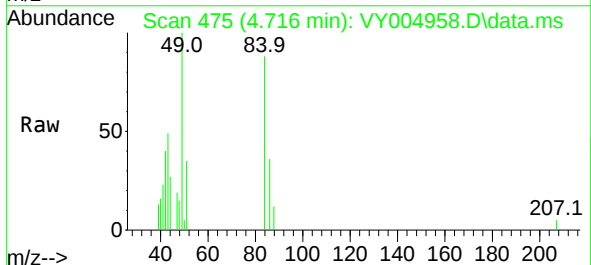
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(2-4)RE



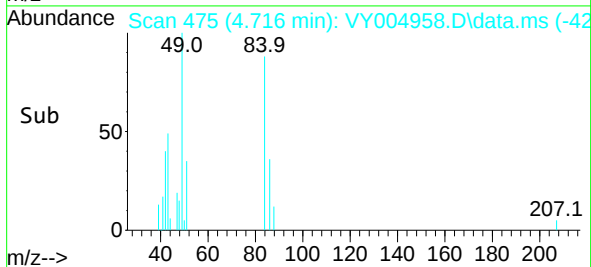
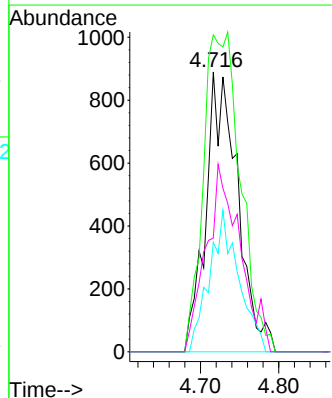
Tgt Ion: 43 Resp: 5138
Ion Ratio Lower Upper
43 100
58 30.7 25.3 37.9

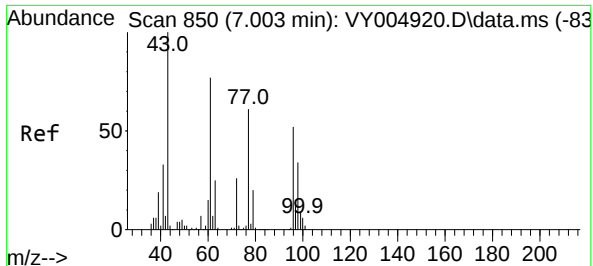


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48



Tgt Ion: 84 Resp: 2510
Ion Ratio Lower Upper
84 100
49 113.3 108.0 162.0
51 39.1 32.6 48.8
86 40.7 49.9 74.9#





#25

2-Butanone

Concen: 1.664 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY004958.D

Acq: 04 Jun 2021 12:48

Tgt Ion: 43 Resp: 1294

Ion Ratio Lower Upper

43 100

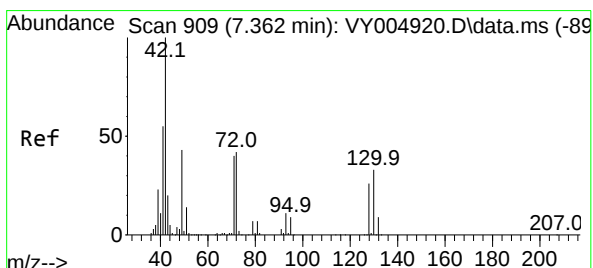
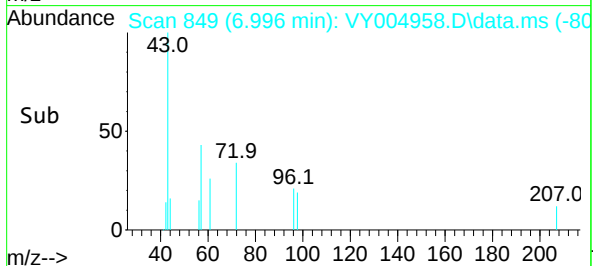
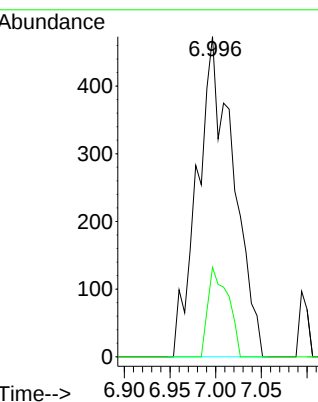
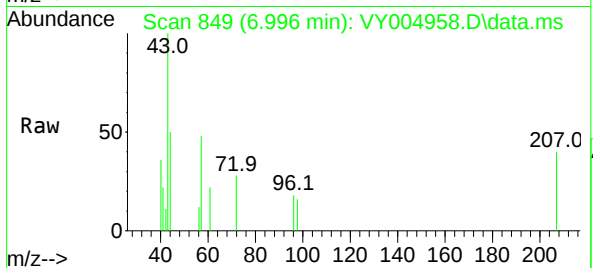
72 27.9 20.6 31.0

Instrument :

MSVOA_Y

ClientSampleId :

18-B12(2-4)RE



#29

Tetrahydrofuran

Concen: 1.019 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.012 min

Lab File: VY004958.D

Acq: 04 Jun 2021 12:48

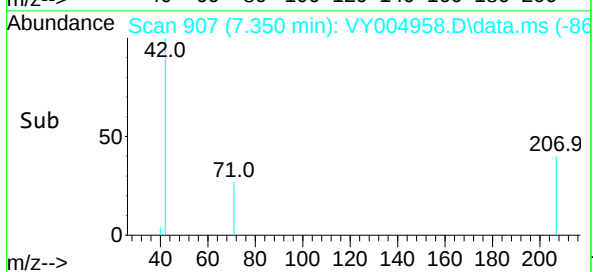
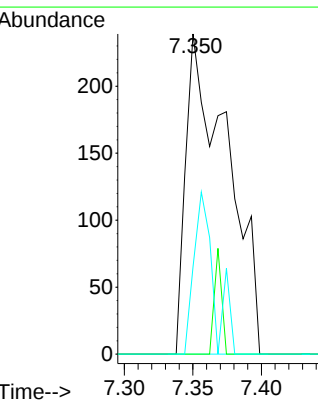
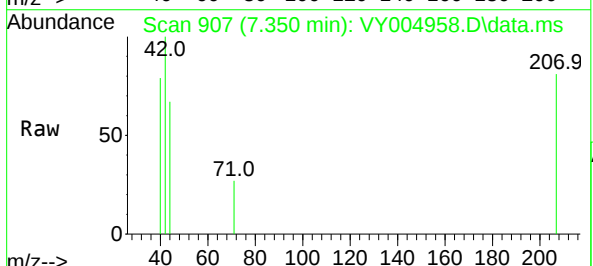
Tgt Ion: 42 Resp: 504

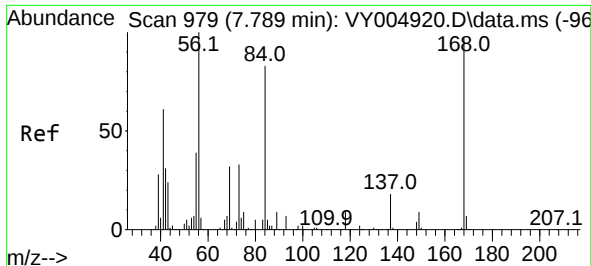
Ion Ratio Lower Upper

42 100

72 5.8 32.6 49.0#

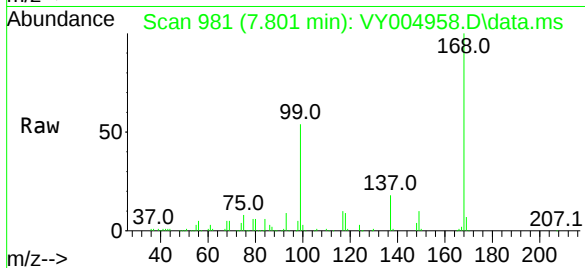
71 24.4 30.9 46.3#



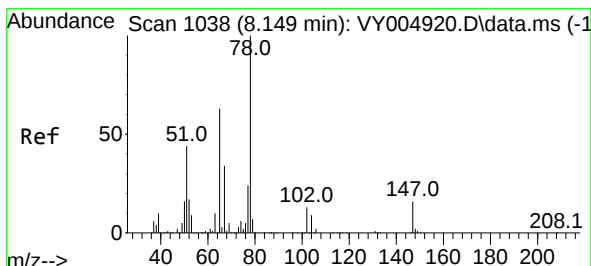
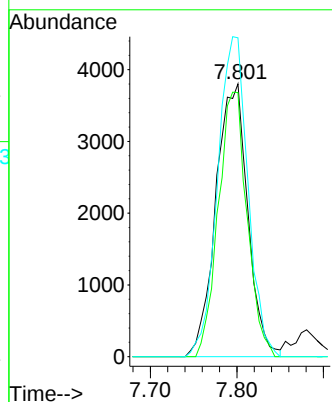
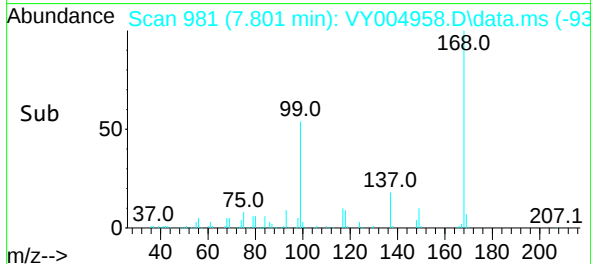


#31
Cyclohexane
Concen: 2.875 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48

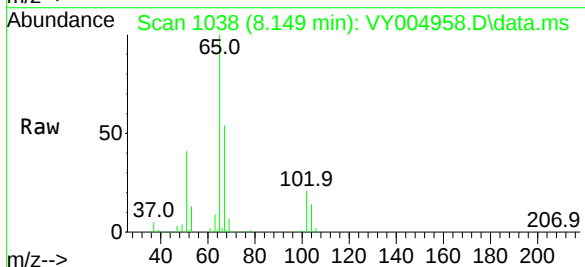
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(2-4)RE



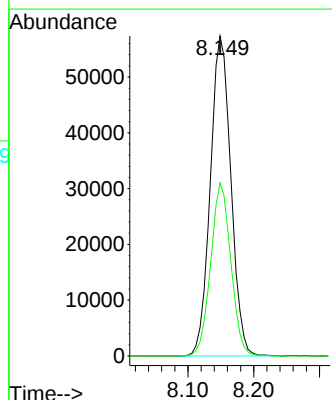
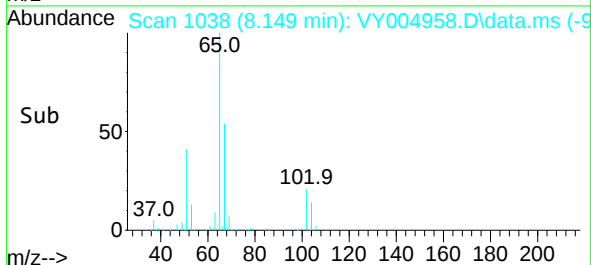
Tgt Ion: 56 Resp: 9727
Ion Ratio Lower Upper
56 100
69 96.8 25.3 37.9#
84 116.9 66.2 99.4#

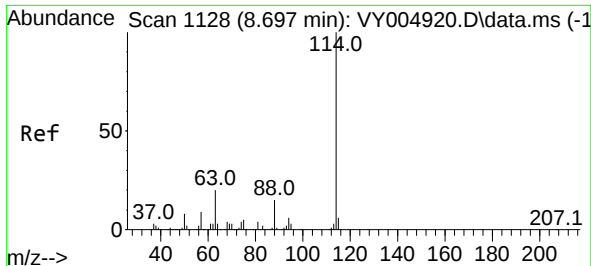


#33
1,2-Dichloroethane-d4
Concen: 65.059 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48



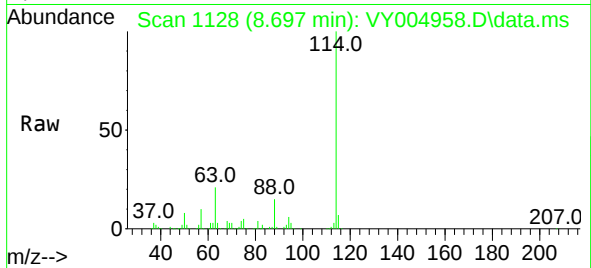
Tgt Ion: 65 Resp: 125019
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.6



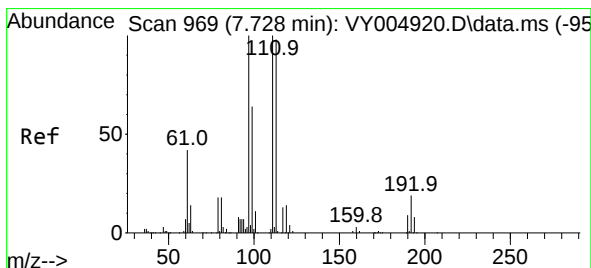
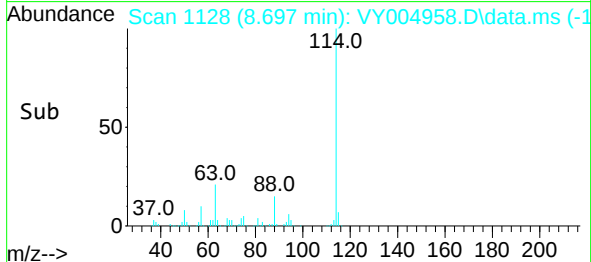
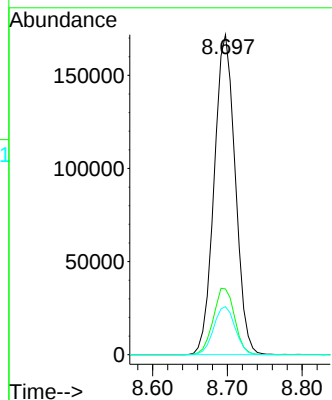


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(2-4)RE

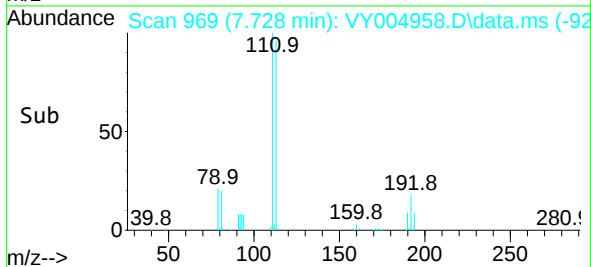
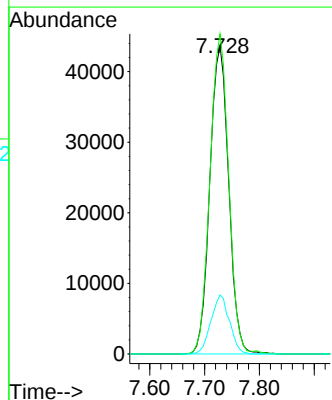
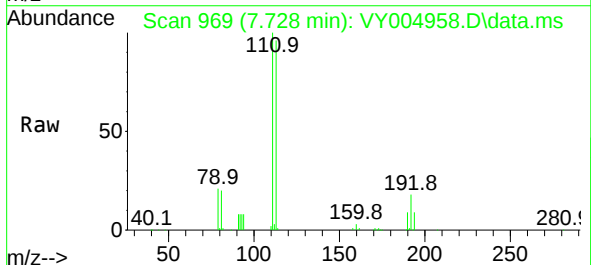


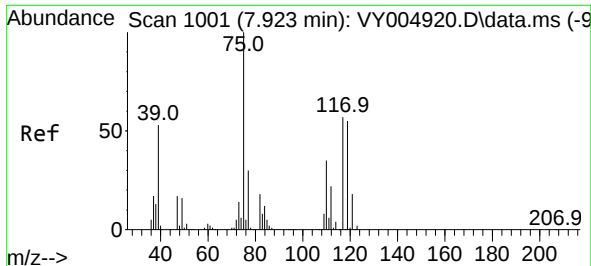
Tgt Ion:114 Resp: 336039
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.0
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.544 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48

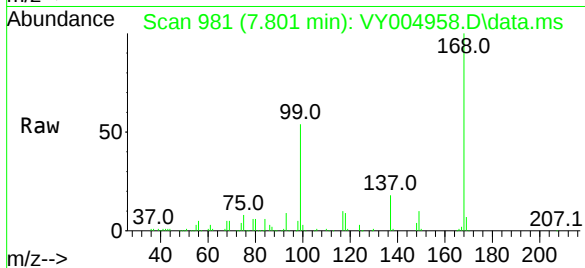
Tgt Ion:113 Resp: 104036
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 18.8 15.3 22.9



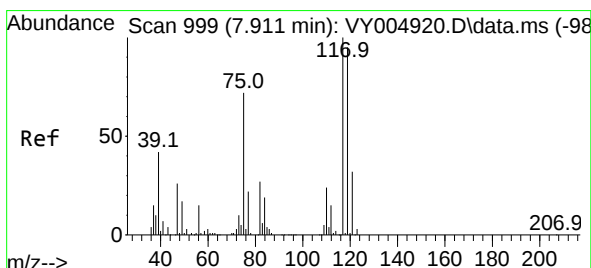
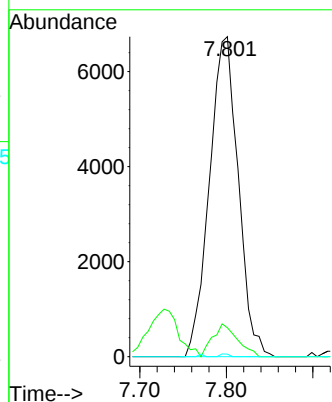
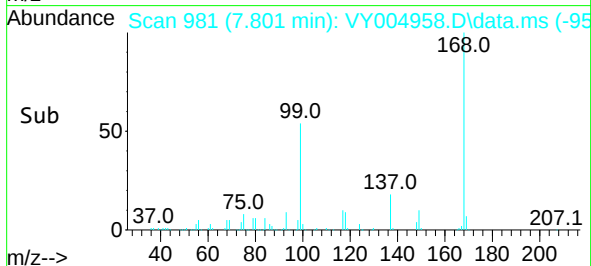


#36
 1,1-Dichloropropene
 Concen: 4.735 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.122 min
 Lab File: VY004958.D
 Acq: 04 Jun 2021 12:48

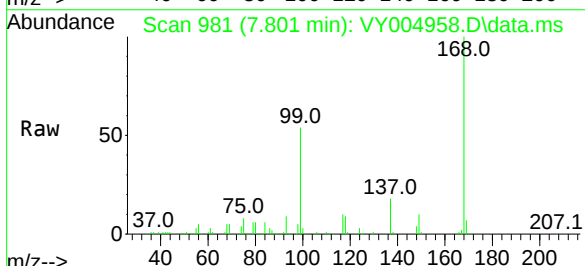
Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(2-4)RE



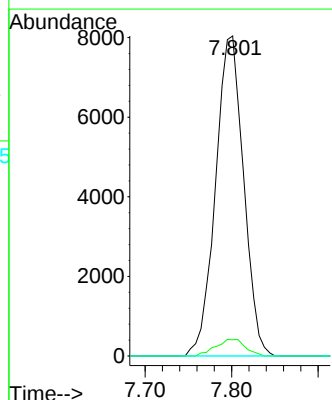
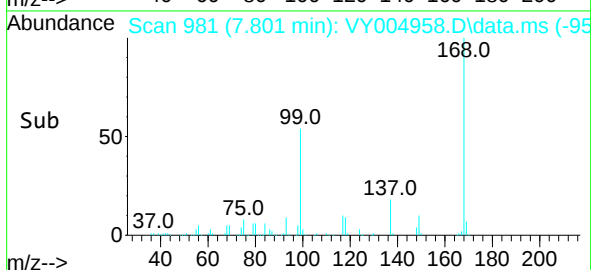
Tgt Ion: 75 Resp: 15572
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.5 52.5#
 77 0.3 25.1 37.7#

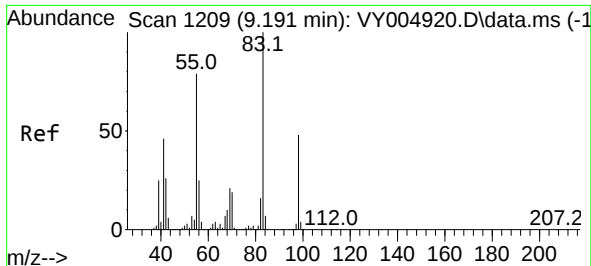


#38
 Carbon Tetrachloride
 Concen: 6.316 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY004958.D
 Acq: 04 Jun 2021 12:48



Tgt Ion: 117 Resp: 18076
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.1 114.1#
 121 0.0 25.5 38.3#





#39

Methylcyclohexane

Concen: 2.375 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.006 min

Lab File: VY004958.D

Acq: 04 Jun 2021 12:48

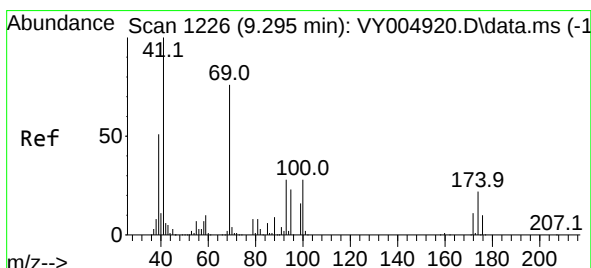
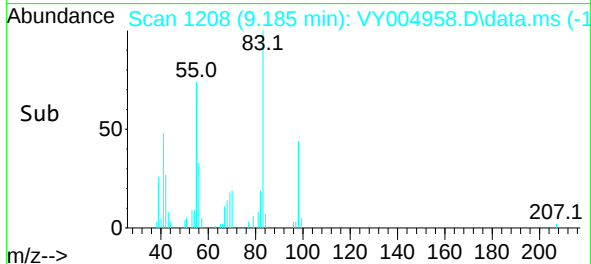
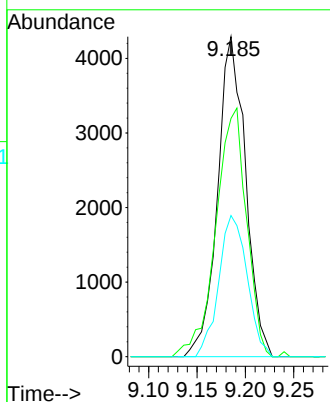
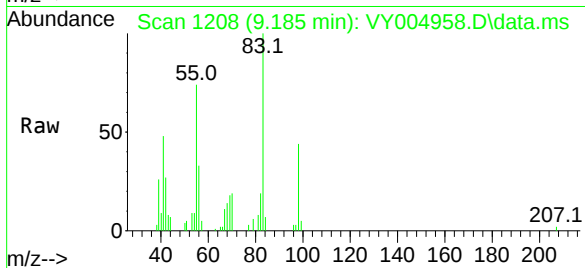
Instrument :

MSVOA_Y

ClientSampleId :

18-B12(2-4)RE

Tgt Ion:	83	Resp:	8626
Ion	Ratio	Lower	Upper
83	100		
55	74.4	63.1	94.7
98	44.1	38.6	58.0



#48

Methyl methacrylate

Concen: 2.664 ug/l

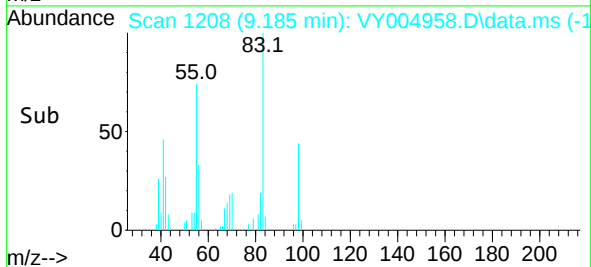
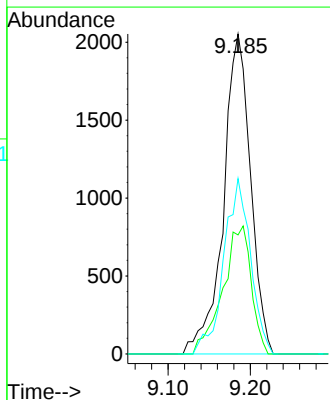
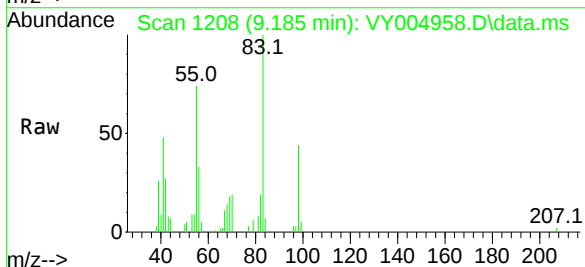
RT: 9.185 min Scan# 1208

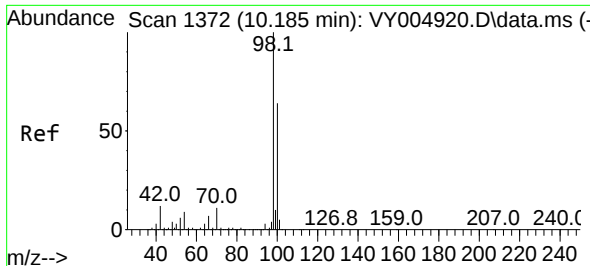
Delta R.T. -0.110 min

Lab File: VY004958.D

Acq: 04 Jun 2021 12:48

Tgt Ion:	41	Resp:	4707
Ion	Ratio	Lower	Upper
41	100		
69	42.1	66.3	99.5#
39	53.9	44.3	66.5

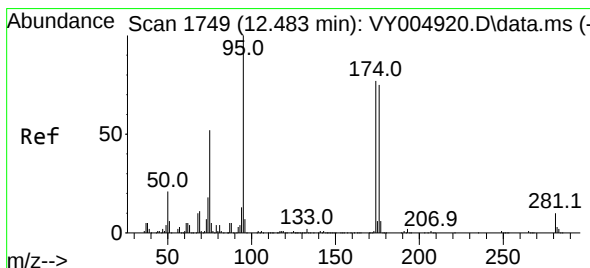
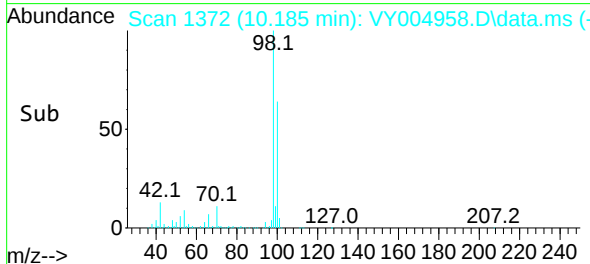
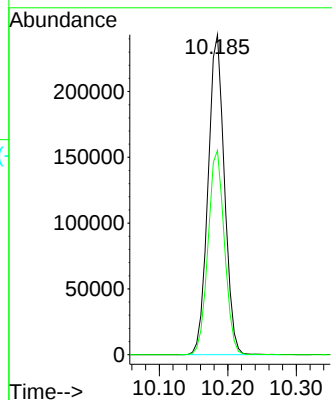
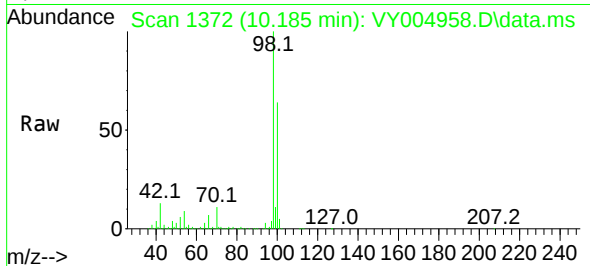




#50
Toluene-d8
Concen: 53.657 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48

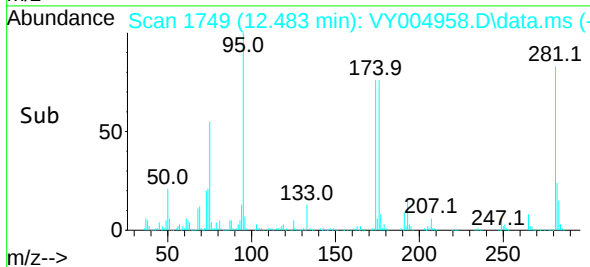
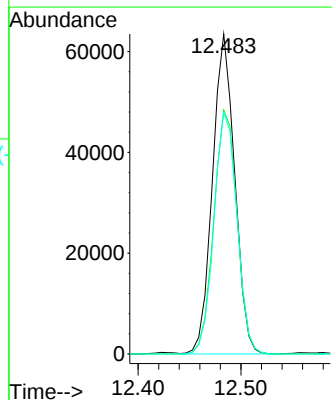
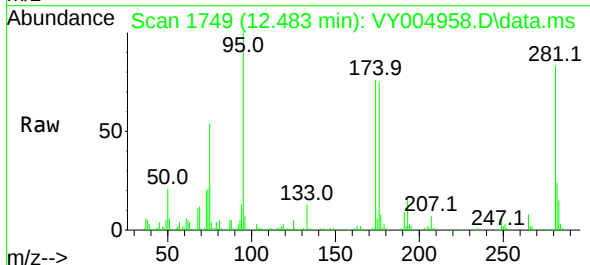
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(2-4)RE

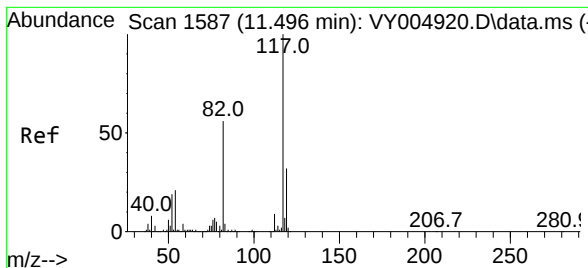
Tgt Ion: 98 Resp: 402887
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 36.958 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48

Tgt Ion: 95 Resp: 95437
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.8
176 78.3 0.0 155.6

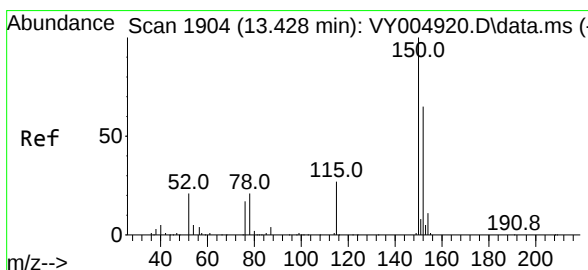
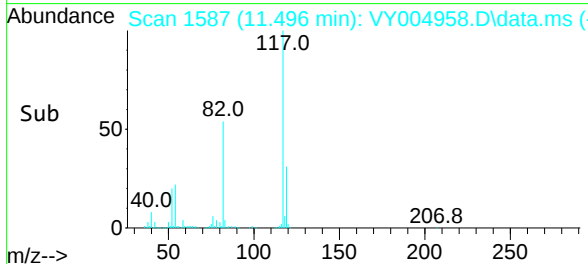
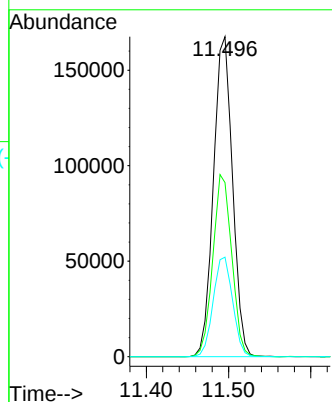
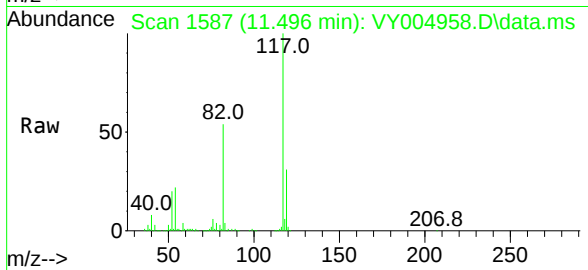




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48

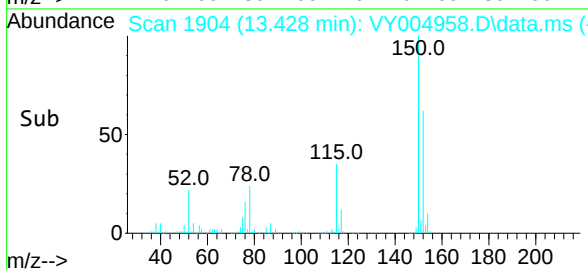
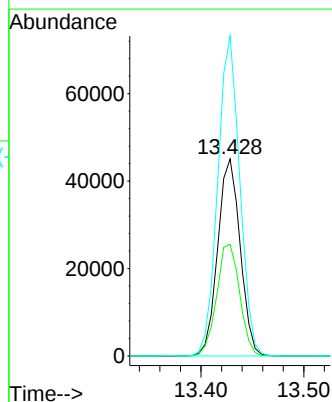
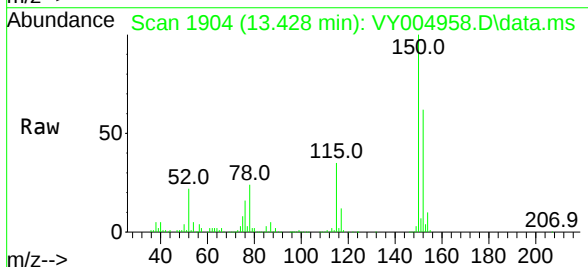
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(2-4)RE

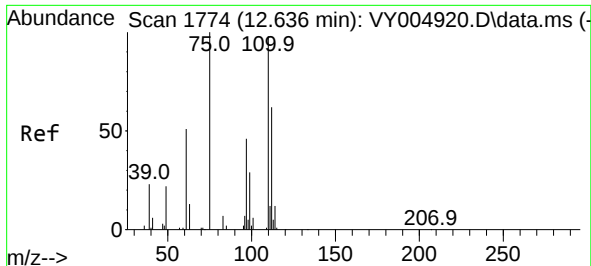
Tgt Ion:117 Resp: 269513
Ion Ratio Lower Upper
117 100
82 54.4 44.8 67.2
119 31.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48

Tgt Ion:152 Resp: 68292
Ion Ratio Lower Upper
152 100
115 58.1 29.9 89.7
150 159.0 0.0 347.8

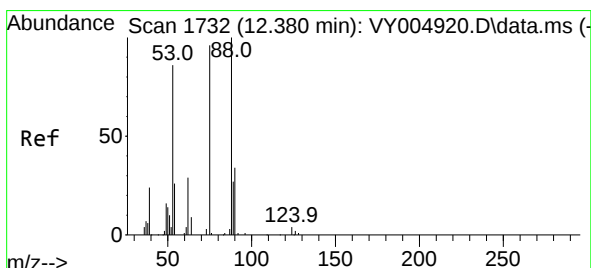
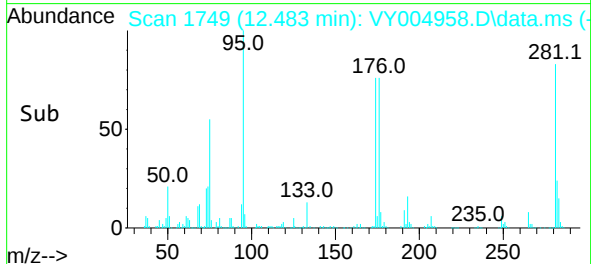
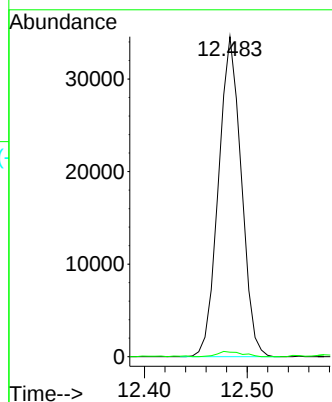
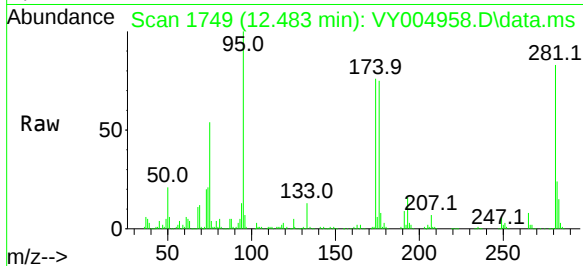




#76
1,2,3-Trichloropropane
Concen: 71.161 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48

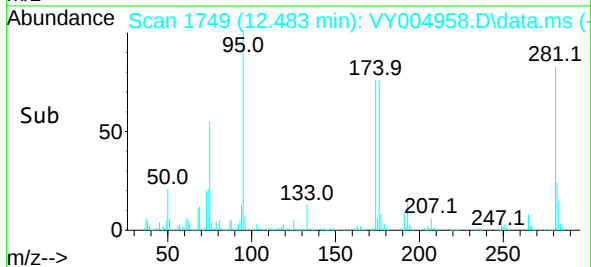
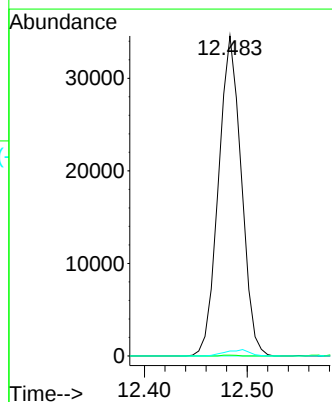
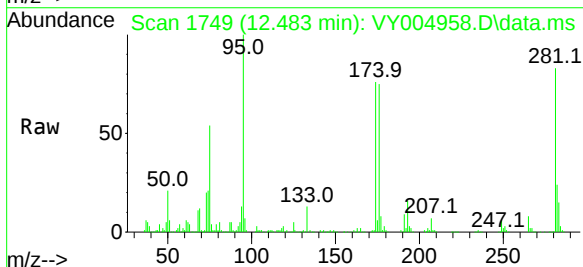
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(2-4)RE

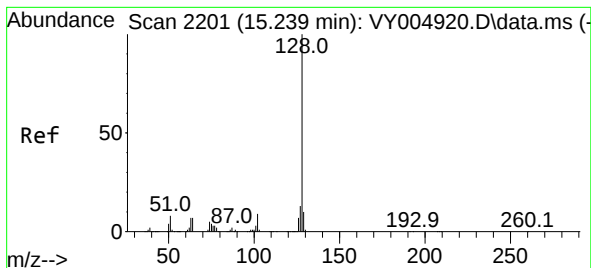
Tgt Ion: 75 Resp: 53272
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.778 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48

Tgt Ion: 75 Resp: 53272
Ion Ratio Lower Upper
75 100
53 0.2 69.3 103.9#
89 2.1 35.0 52.6#

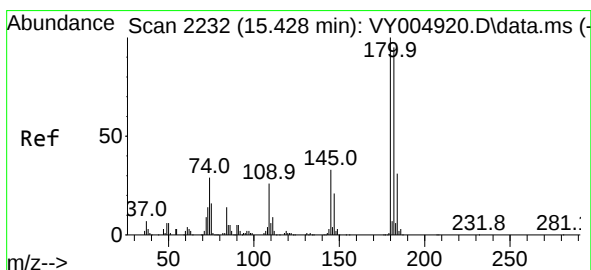
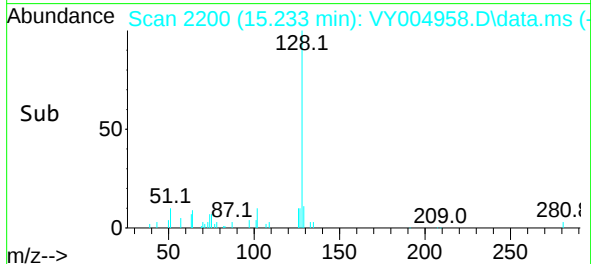
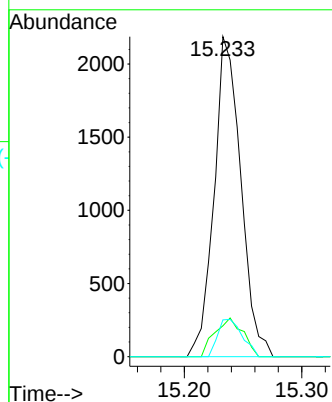
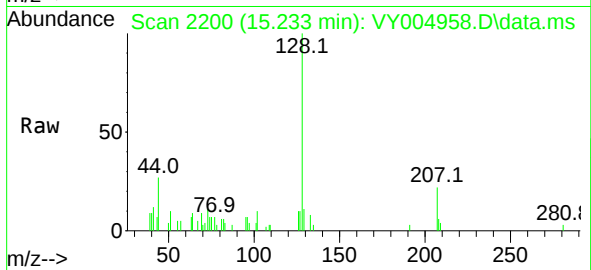




#95
Naphthalene
Concen: 1.290 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(2-4)RE

Tgt Ion:128 Resp: 3452
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.024 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004958.D
Acq: 04 Jun 2021 12:48

Tgt Ion:180 Resp: 1098
Ion Ratio Lower Upper
180 100
182 79.1 47.0 141.2
145 48.6 16.8 50.3

