

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007523.D
 Acq On : 17 Feb 2022 15:27
 Operator : SY/MD
 Sample : N1561-01
 Misc : 2.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-1-2

Quant Time: Feb 18 07:40:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

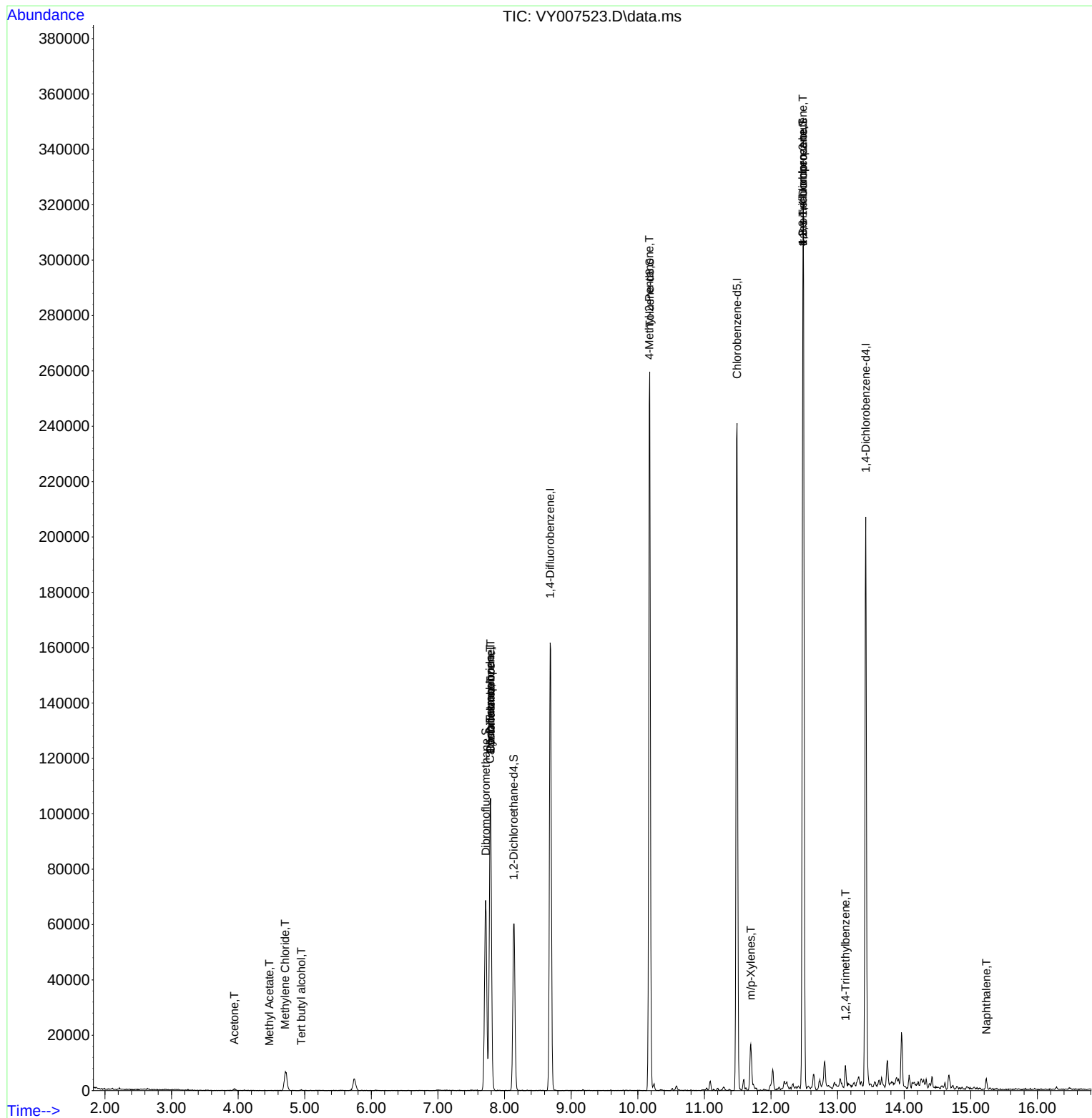
Internal Standards						
1) Pentafluorobenzene	7.789	168	82556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	143795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	135783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	49700	54.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.060%	
35) Dibromofluoromethane	7.716	113	47573	52.462	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.920%	
50) Toluene-d8	10.179	98	170369	49.466	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.940%	
62) 4-Bromofluorobenzene	12.477	95	57866	49.550	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	323	Below Cal	#	58
5) Bromomethane	2.662	94	75	Below Cal	#	1
11) Tert butyl alcohol	4.948	59	308	4.320	ug/l #	77
16) Acetone	3.942	43	1096	4.532	ug/l	94
18) Methyl Acetate	4.466	43	59	1.483	ug/l #	56
20) Methylene Chloride	4.704	84	5383	5.431	ug/l #	68
31) Cyclohexane	7.789	56	1671	1.037	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	6273	4.270	ug/l #	52
38) Carbon Tetrachloride	7.783	117	8415	5.041	ug/l #	13
51) 4-Methyl-2-Pentanone	10.173	43	707	1.056	ug/l #	1
68) m/p-Xylenes	11.697	106	4850	2.302	ug/l	99
76) 1,2,3-Trichloropropane	12.477	75	32543	54.201	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32543	112.653	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.117	105	4141	1.120	ug/l	99
95) Naphthalene	15.233	128	3190	1.443	ug/l	97

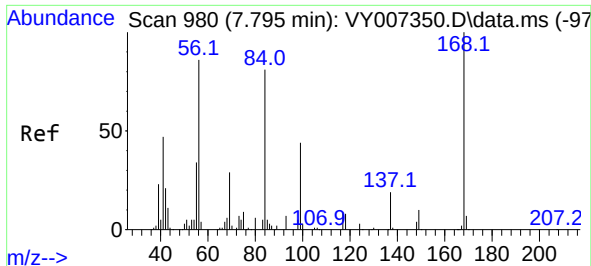
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007523.D
Acq On : 17 Feb 2022 15:27
Operator : SY/MD
Sample : N1561-01
Misc : 2.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-2

Quant Time: Feb 18 07:40:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 09:34:50 2022
Response via : Initial Calibration

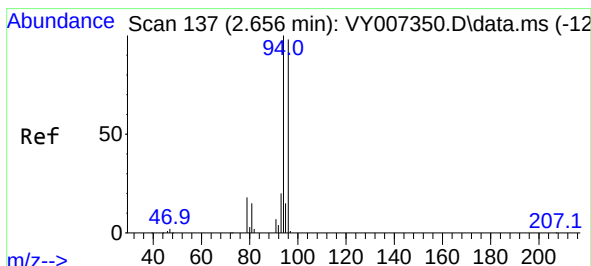
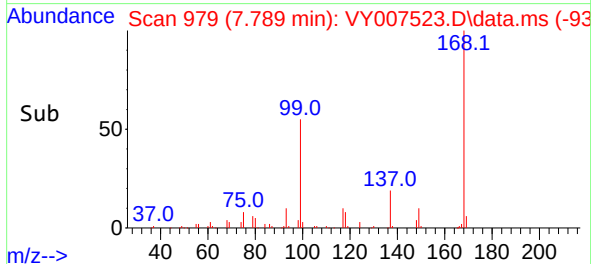
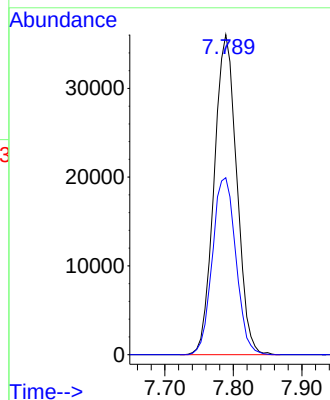
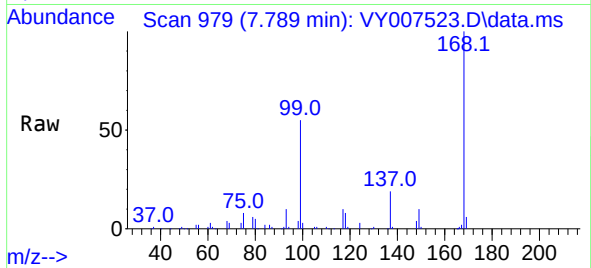




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007523.D
Acq: 17 Feb 2022 15:27

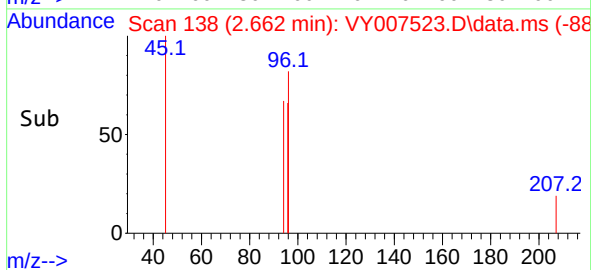
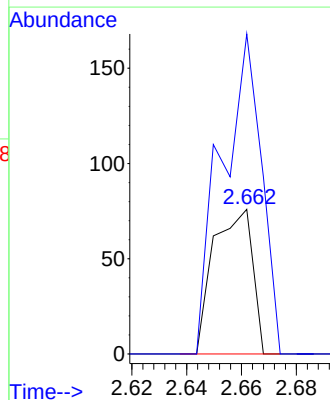
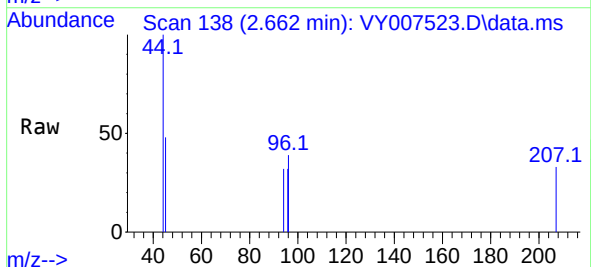
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-2

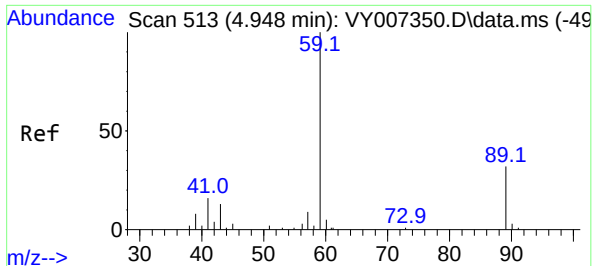
Tgt Ion:168 Resp: 82556
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY007523.D
Acq: 17 Feb 2022 15:27

Tgt Ion: 94 Resp: 75
Ion Ratio Lower Upper
94 100
96 221.1 73.5 110.3#





#11

Tert butyl alcohol

Concen: 4.320 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY007523.D

Acq: 17 Feb 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

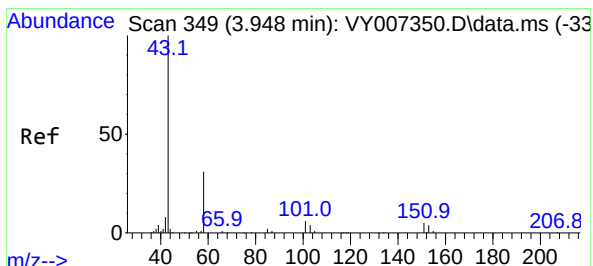
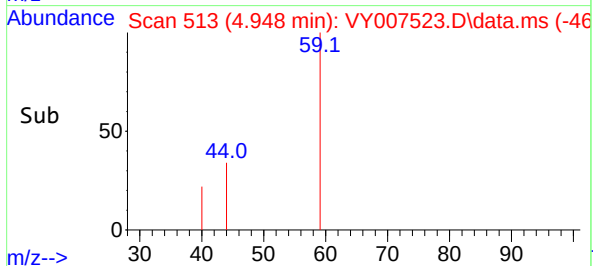
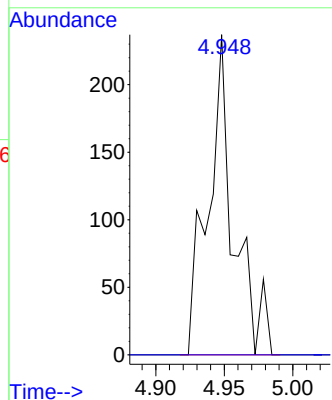
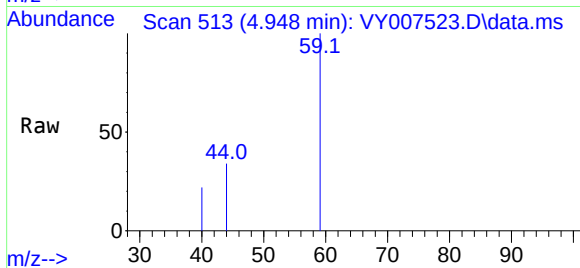
TP-1-1-2

Tgt Ion: 59 Resp: 308

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 4.532 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY007523.D

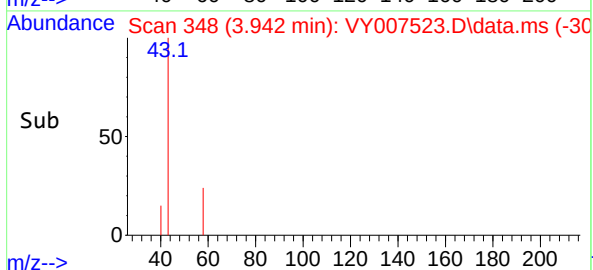
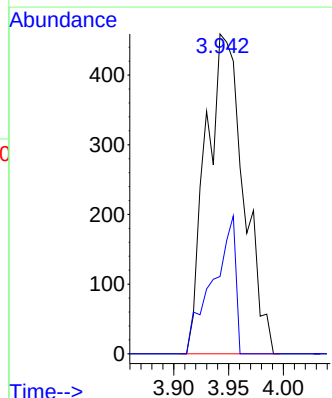
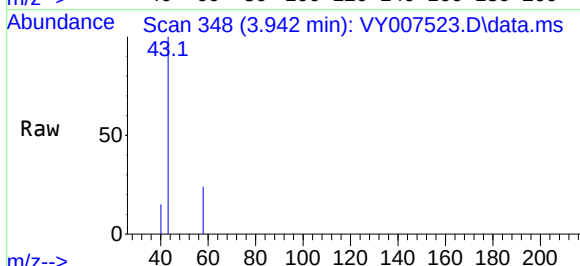
Acq: 17 Feb 2022 15:27

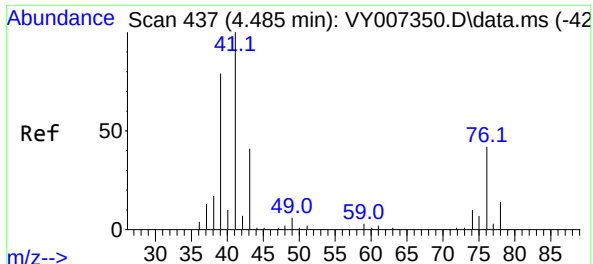
Tgt Ion: 43 Resp: 1096

Ion Ratio Lower Upper

43 100

58 24.2 22.0 33.0

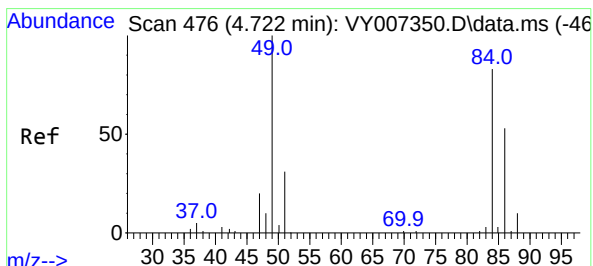
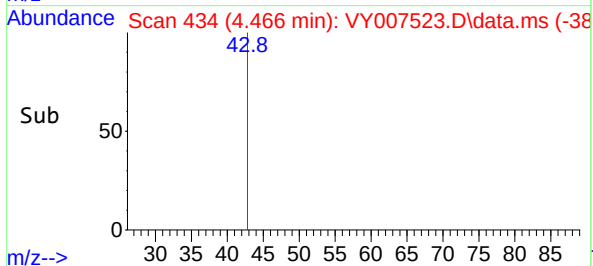
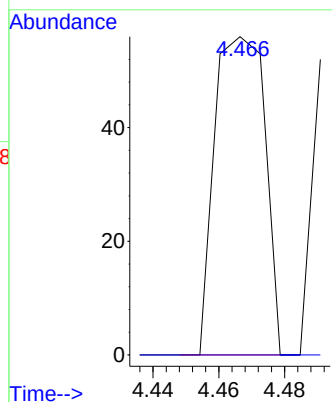
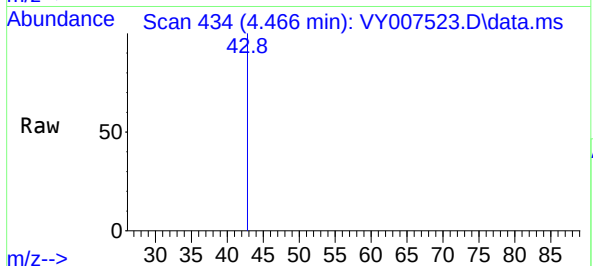




#18
Methyl Acetate
Concen: 1.483 ug/l
RT: 4.466 min Scan# 41
Delta R.T. -0.019 min
Lab File: VY007523.D
Acq: 17 Feb 2022 15:27

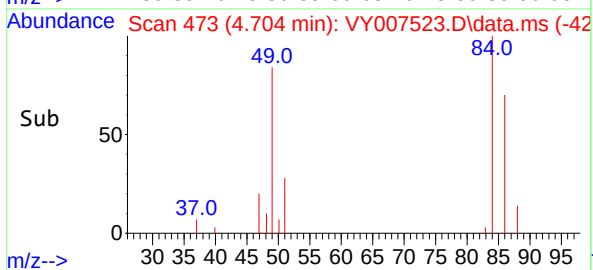
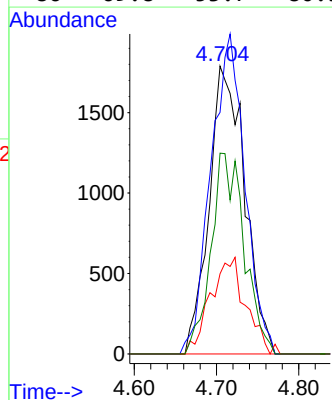
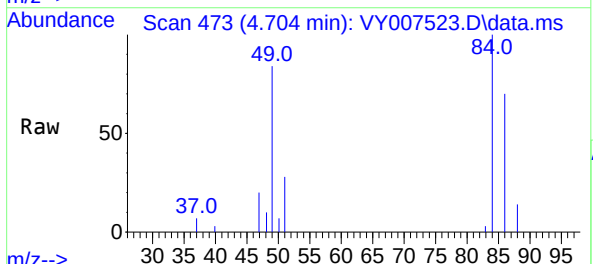
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-2

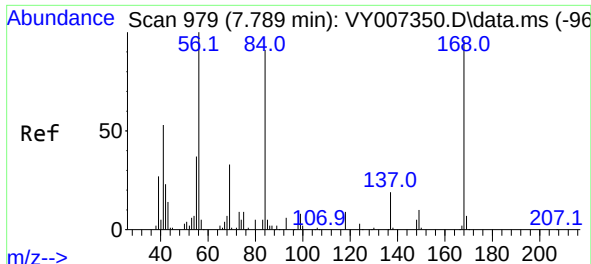
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 5.431 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY007523.D
Acq: 17 Feb 2022 15:27

Tgt Ion: 84 Resp: 5383
Ion Ratio Lower Upper
84 100
49 84.0 114.4 171.6#
51 27.8 35.3 52.9#
86 69.8 53.7 80.5

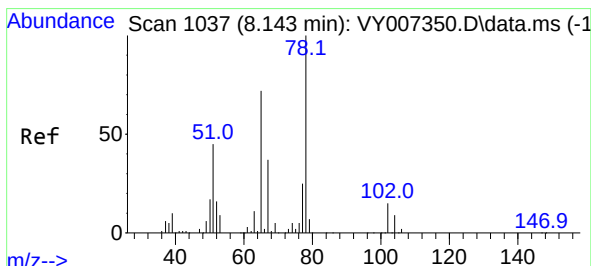
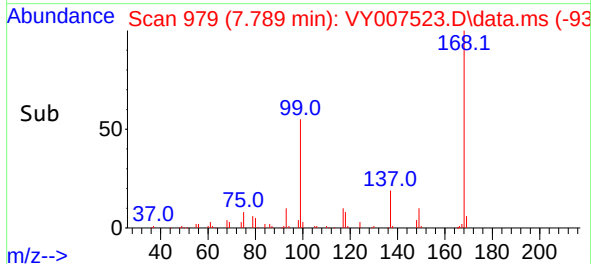
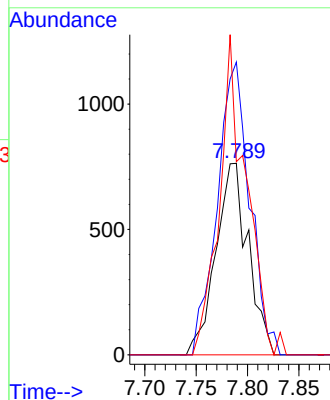
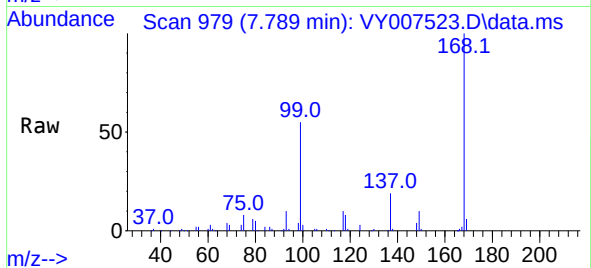




#31
Cyclohexane
Concen: 1.037 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007523.D
Acq: 17 Feb 2022 15:27

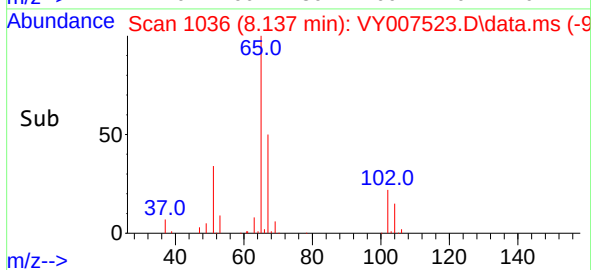
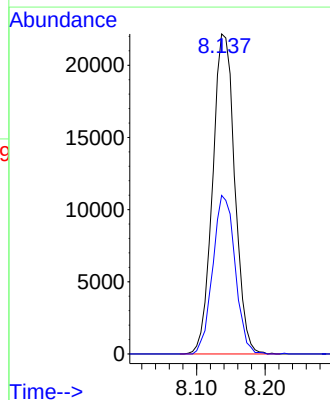
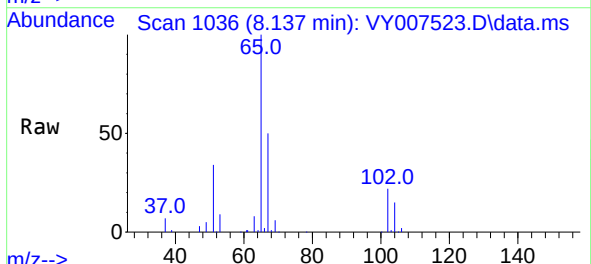
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-2

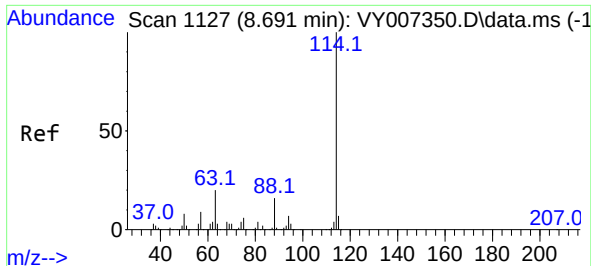
Tgt Ion: 56 Resp: 1671
Ion Ratio Lower Upper
56 100
69 152.9 26.7 40.1#
84 100.8 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 54.528 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007523.D
Acq: 17 Feb 2022 15:27

Tgt Ion: 65 Resp: 49700
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007523.D

Acq: 17 Feb 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-1-2

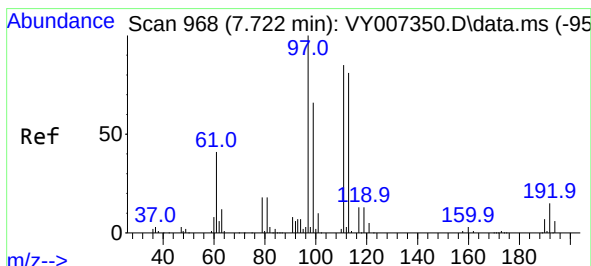
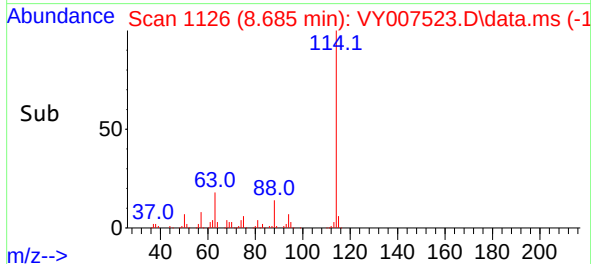
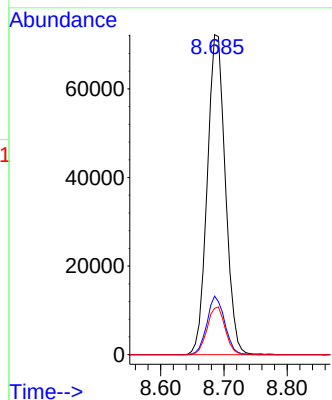
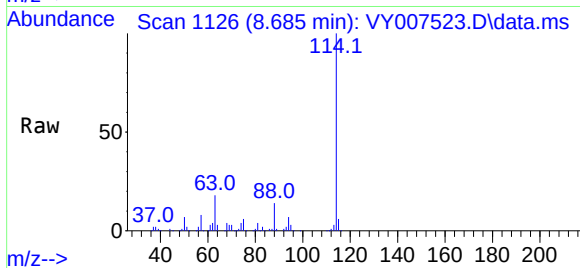
Tgt Ion:114 Resp: 143795

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.462 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007523.D

Acq: 17 Feb 2022 15:27

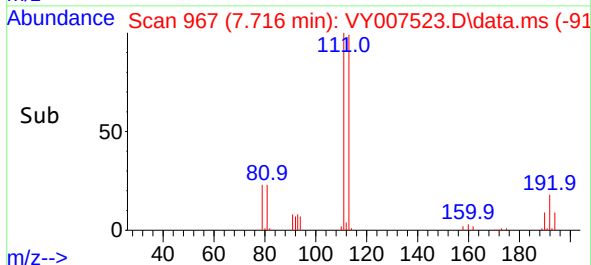
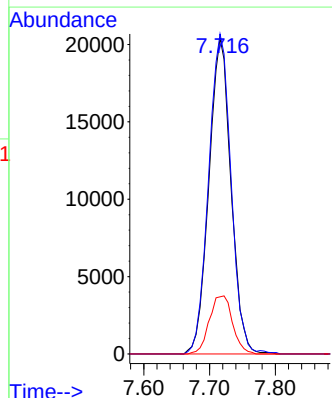
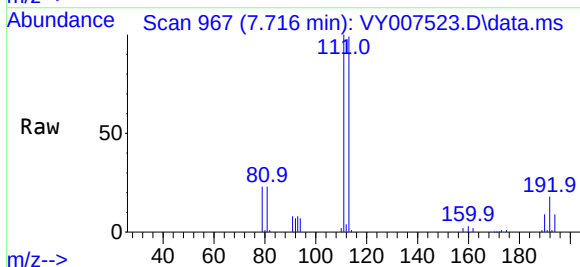
Tgt Ion:113 Resp: 47573

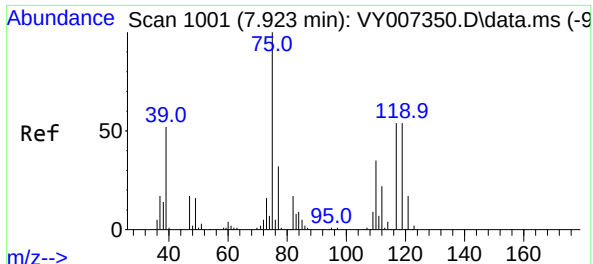
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 19.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.270 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY007523.D

Acq: 17 Feb 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-1-2

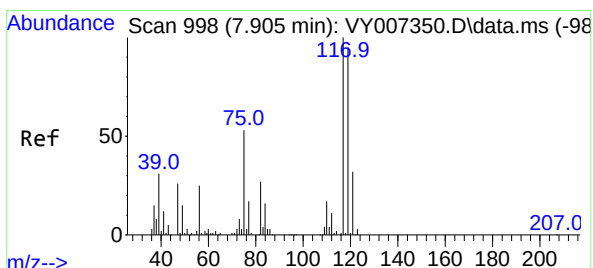
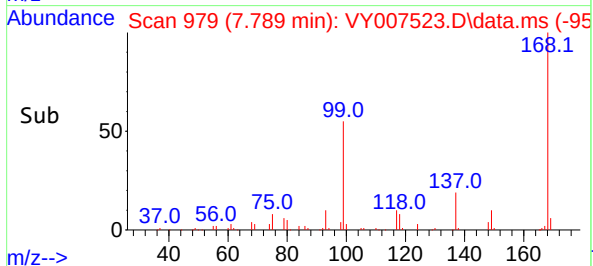
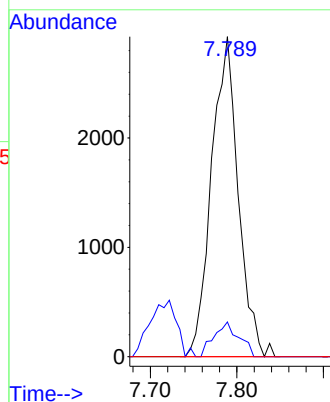
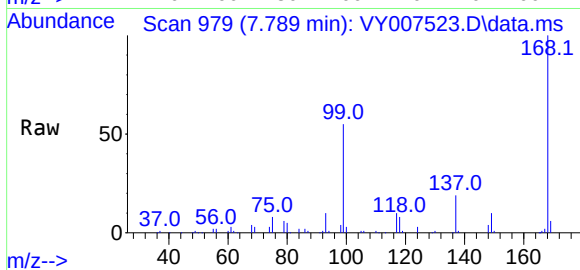
Tgt Ion: 75 Resp: 6273

Ion Ratio Lower Upper

75 100

110 10.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.041 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.122 min

Lab File: VY007523.D

Acq: 17 Feb 2022 15:27

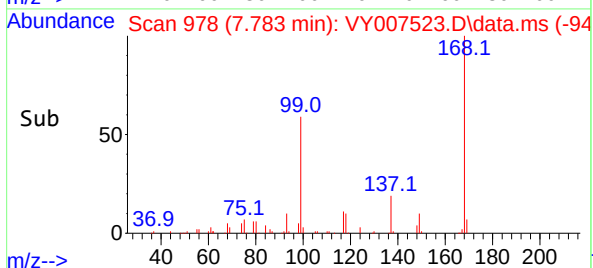
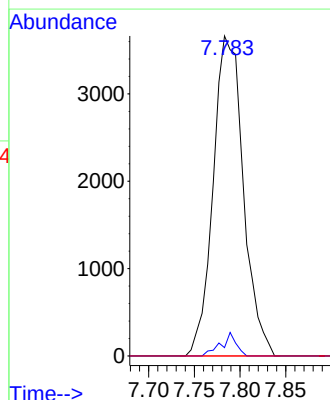
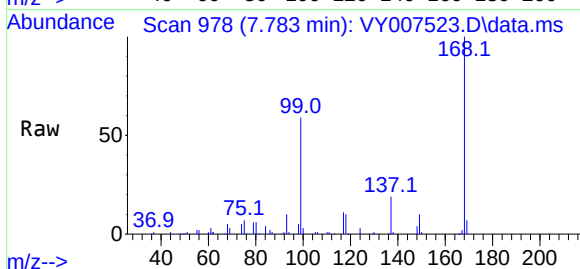
Tgt Ion: 117 Resp: 8415

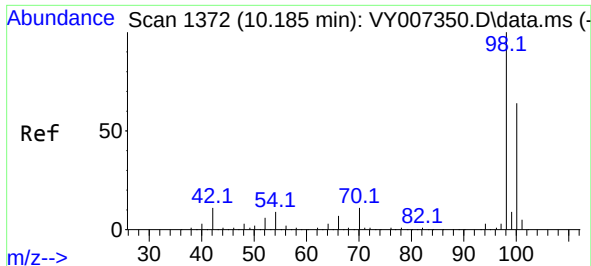
Ion Ratio Lower Upper

117 100

119 2.6 77.9 116.9#

121 0.0 24.8 37.2#

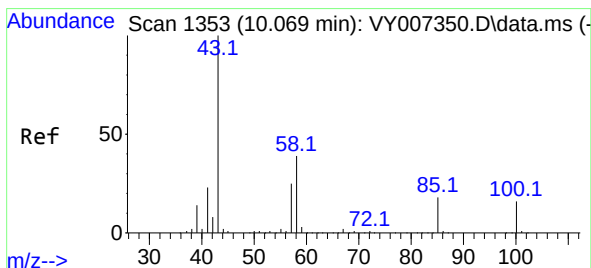
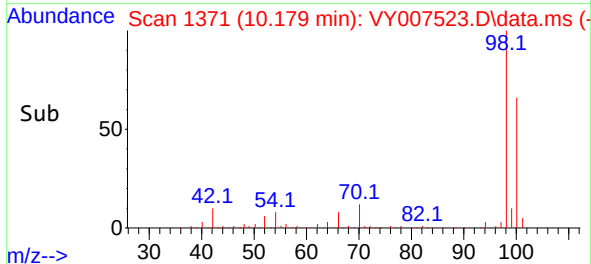
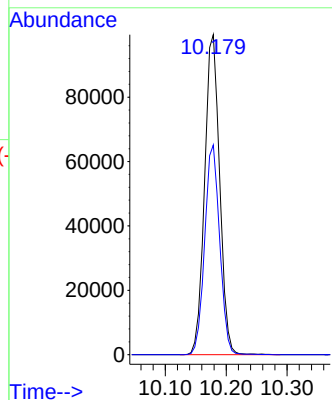
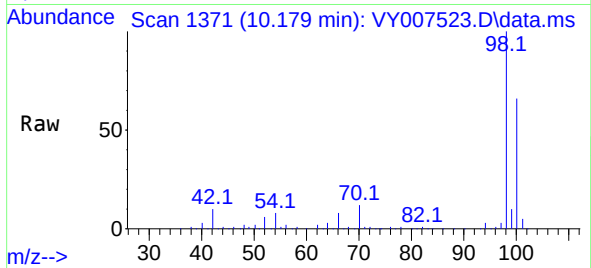




#50
Toluene-d8
Concen: 49.466 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY007523.D
Acq: 17 Feb 2022 15:27

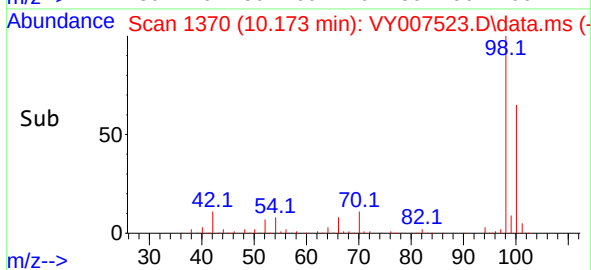
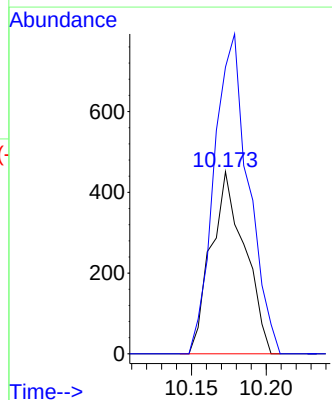
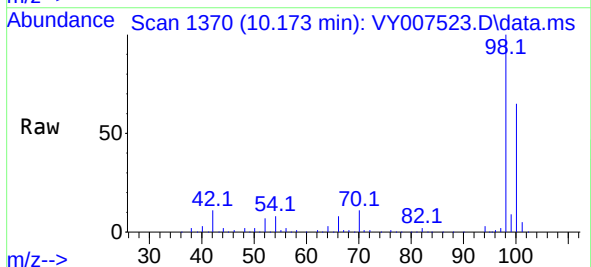
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-2

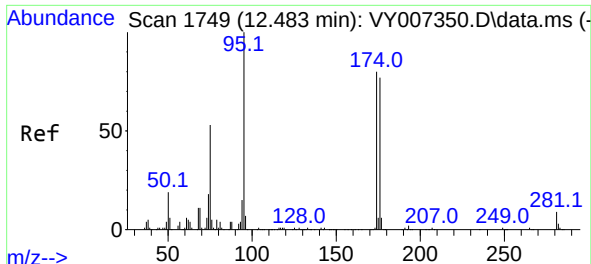
Tgt Ion: 98 Resp: 170369
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.056 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY007523.D
Acq: 17 Feb 2022 15:27

Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
58 179.2 28.1 42.1#





#62

4-Bromofluorobenzene

Concen: 49.550 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007523.D

Acq: 17 Feb 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-1-2

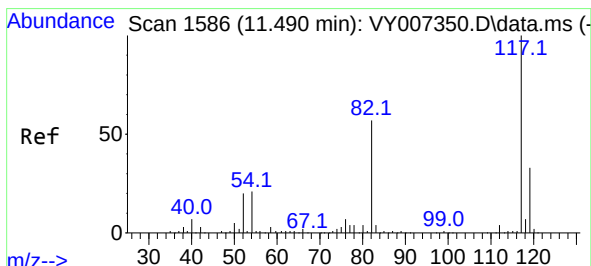
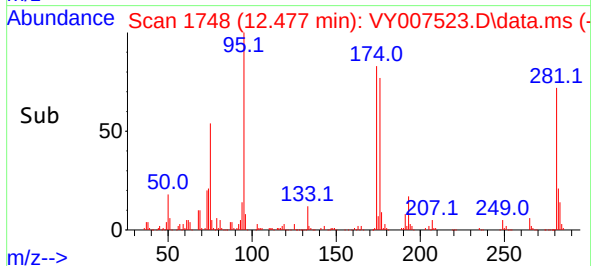
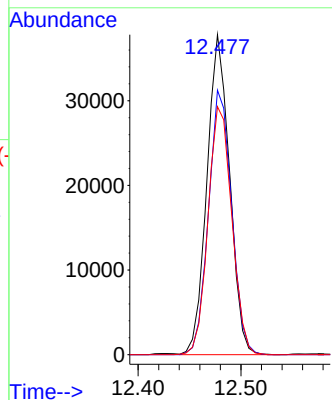
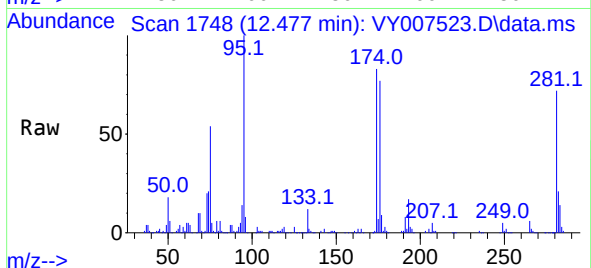
Tgt Ion: 95 Resp: 57866

Ion Ratio Lower Upper

95 100

174 84.1 0.0 177.0

176 81.1 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY007523.D

Acq: 17 Feb 2022 15:27

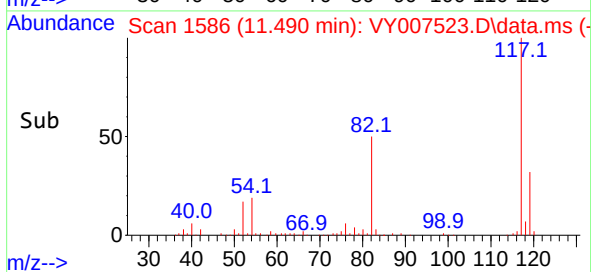
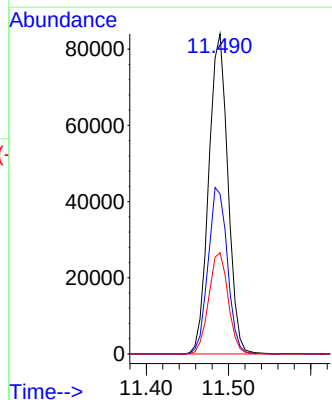
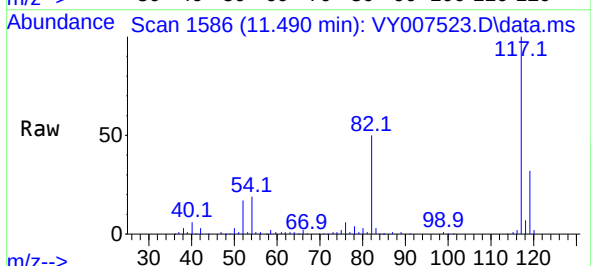
Tgt Ion: 117 Resp: 135783

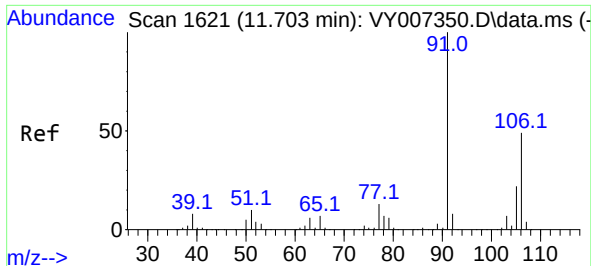
Ion Ratio Lower Upper

117 100

82 50.1 43.0 64.4

119 31.6 25.4 38.0

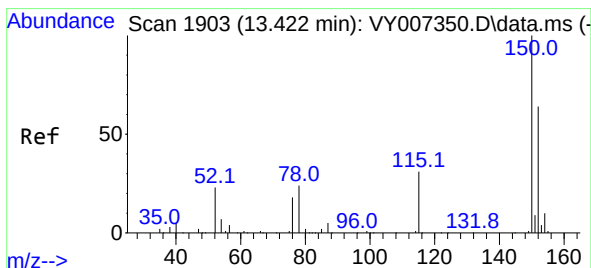
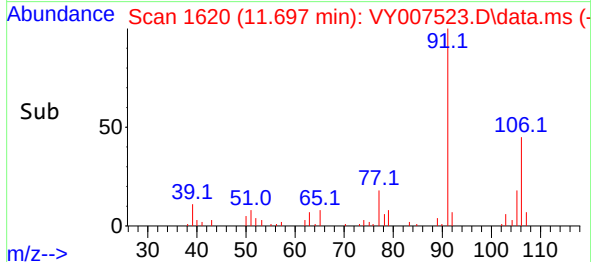
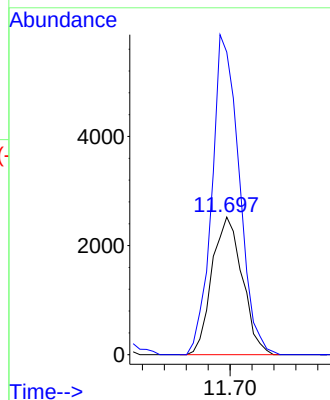
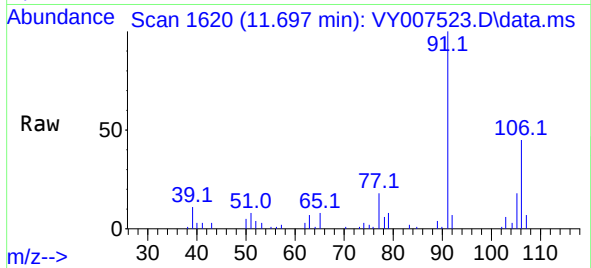




#68
m/p-Xylenes
Concen: 2.302 ug/l
RT: 11.697 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007523.D
Acq: 17 Feb 2022 15:27

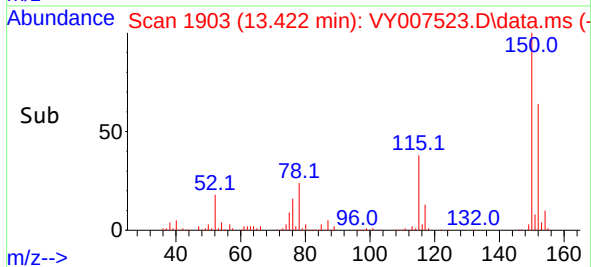
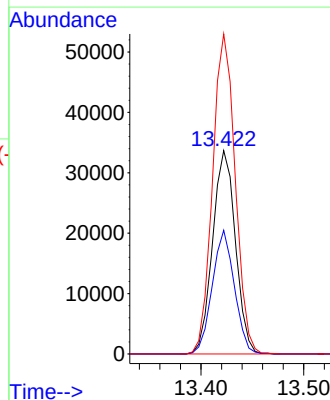
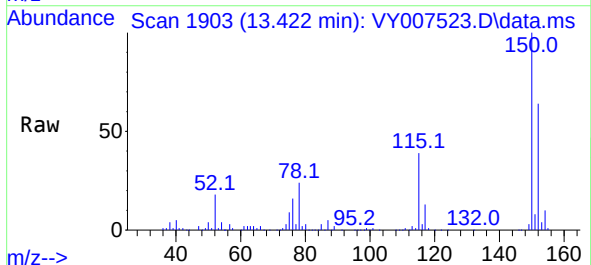
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-2

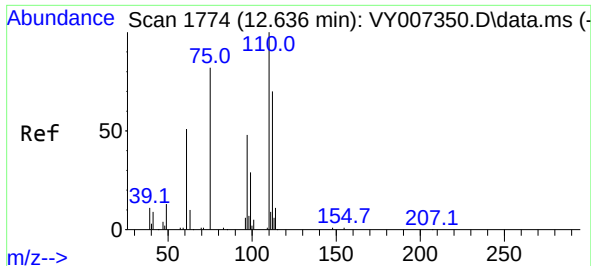
Tgt Ion:106 Resp: 4850
Ion Ratio Lower Upper
106 100
91 209.1 166.6 249.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007523.D
Acq: 17 Feb 2022 15:27

Tgt Ion:152 Resp: 51964
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 155.7 0.0 347.6

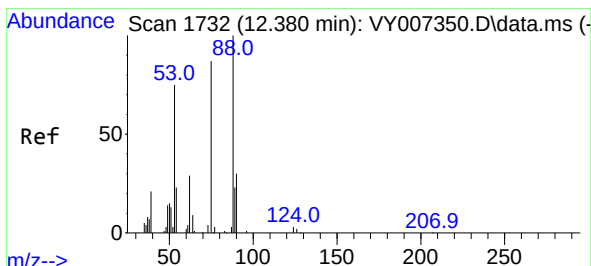
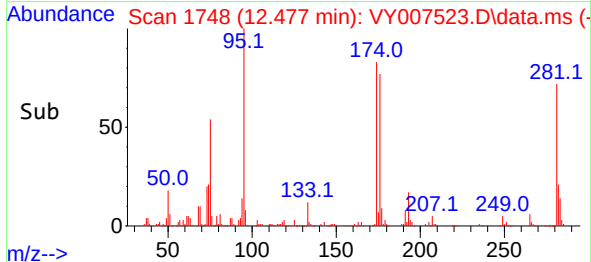
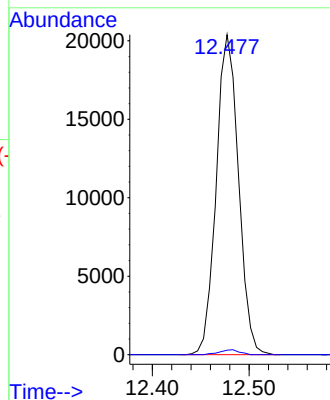
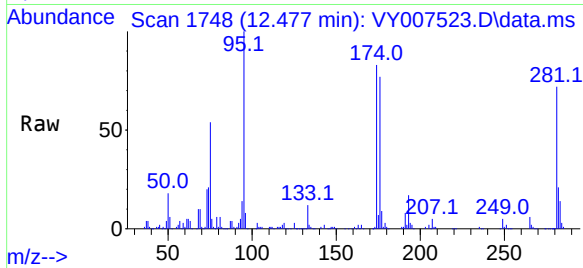




#76
1,2,3-Trichloropropane
Concen: 54.201 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY007523.D
Acq: 17 Feb 2022 15:27

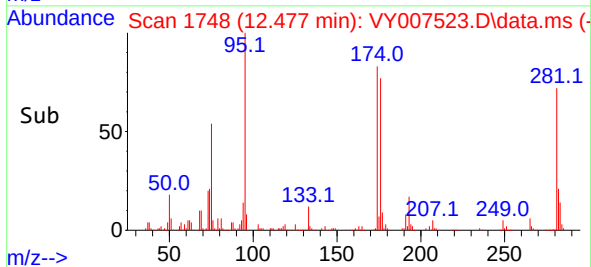
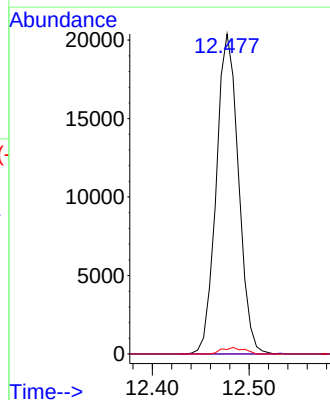
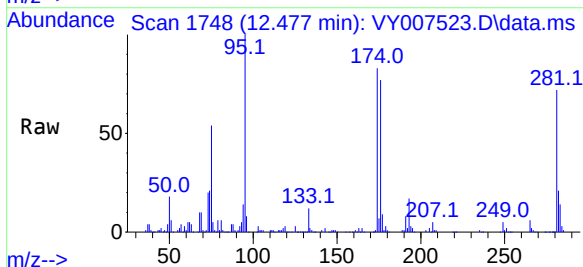
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-2

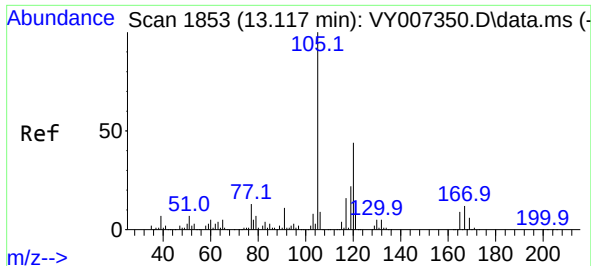
Tgt Ion: 75 Resp: 32543
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.653 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY007523.D
Acq: 17 Feb 2022 15:27

Tgt Ion: 75 Resp: 32543
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 2.0 37.0 55.4#

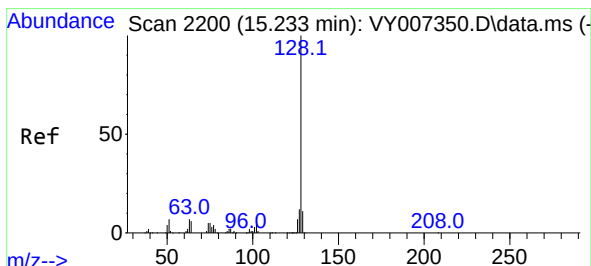
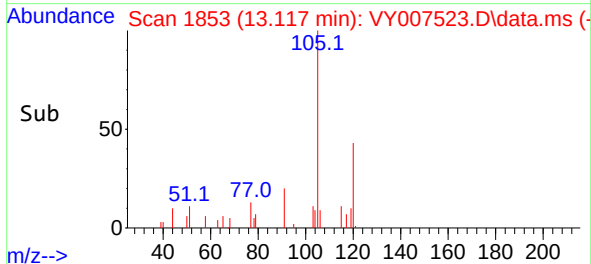
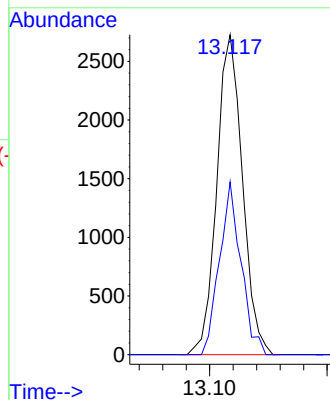
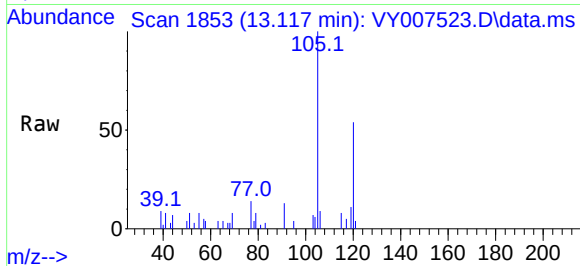




#84
1,2,4-Trimethylbenzene
Concen: 1.120 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007523.D
Acq: 17 Feb 2022 15:27

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-2

Tgt Ion:105 Resp: 4141
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.9



#95
Naphthalene
Concen: 1.443 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007523.D
Acq: 17 Feb 2022 15:27

Tgt Ion:128 Resp: 3190
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 12.1 8.4 12.6

