

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007557.D
 Acq On : 18 Feb 2022 19:58
 Operator : SY/MD
 Sample : N1594-01
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-CONCRETE-COMP

Quant Time: Feb 19 04:37:24 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)

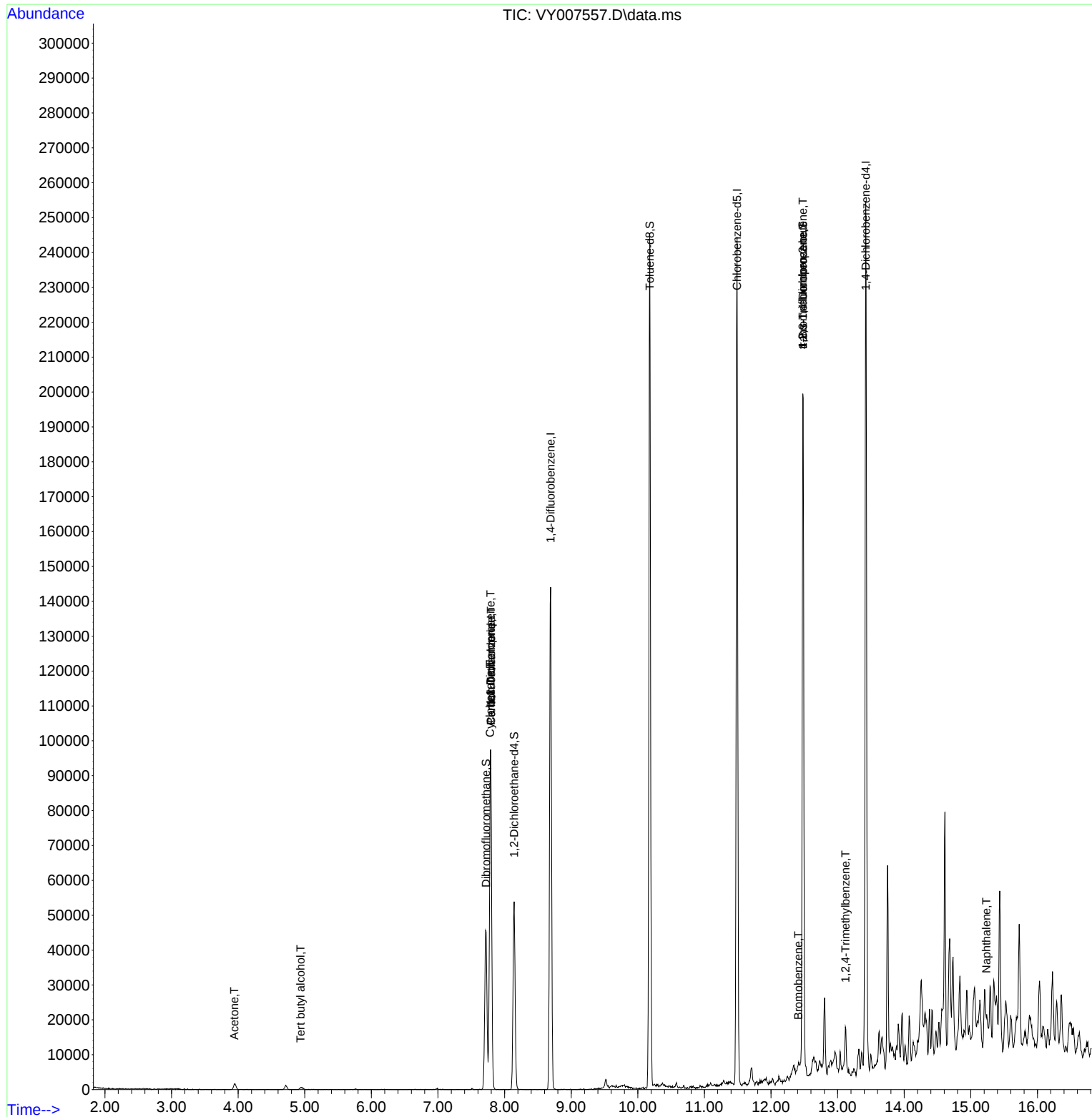
Internal Standards						
1) Pentafluorobenzene	7.795	168	71815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	125322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	127674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43359	54.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.380%	
35) Dibromofluoromethane	7.722	113	31649	40.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.100%	
50) Toluene-d8	10.179	98	156037	51.983	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.960%	
62) 4-Bromofluorobenzene	12.477	95	59290	58.253	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.500%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	124	Below Cal	#	44
5) Bromomethane	2.668	94	63	Below Cal	#	4
11) Tert butyl alcohol	4.936	59	867	13.979	ug/l #	77
16) Acetone	3.942	43	3246	15.431	ug/l #	87
31) Cyclohexane	7.783	56	1519	1.083	ug/l #	4
36) 1,1-Dichloropropene	7.789	75	5553	4.337	ug/l #	53
38) Carbon Tetrachloride	7.795	117	7985	5.488	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	34246	49.394	ug/l #	100
77) Bromobenzene	12.410	156	1666	1.459	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.477	75	34246	102.662	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.117	105	6424	1.505	ug/l	97
95) Naphthalene	15.233	128	3534	1.384	ug/l #	95

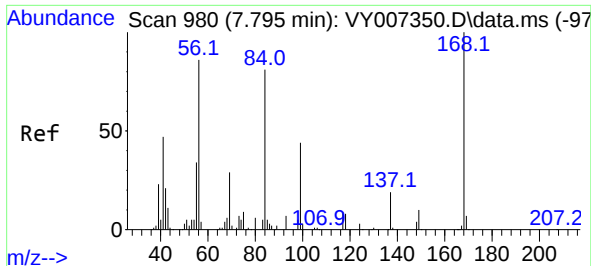
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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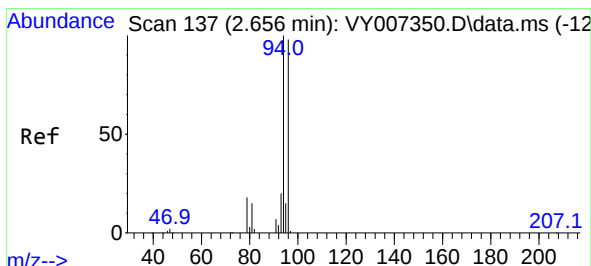
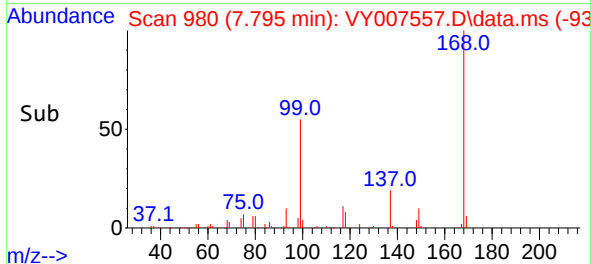
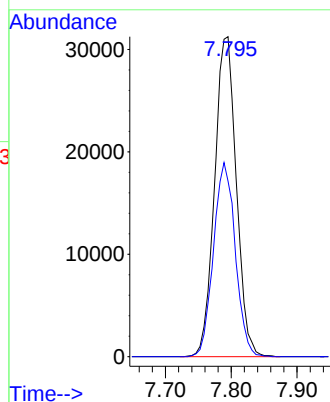
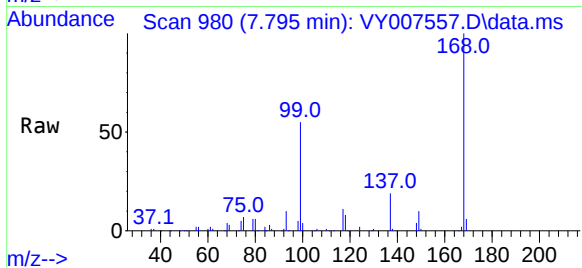




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

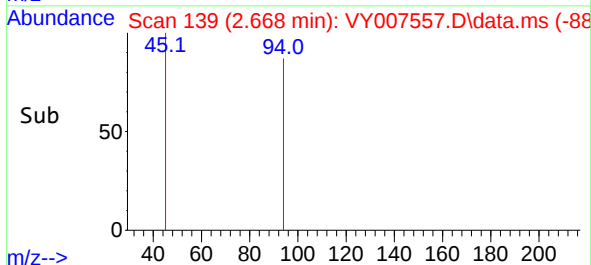
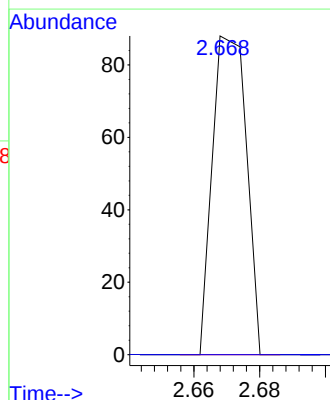
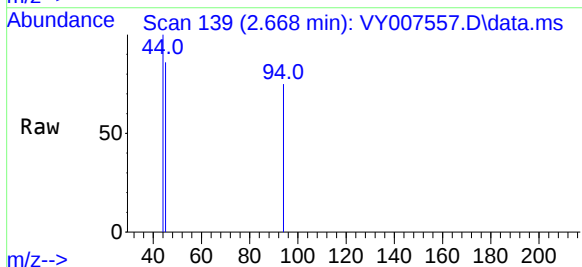
Instrument :
MSVOA_Y
ClientSampleId :
RO-CONCRETE-COMP

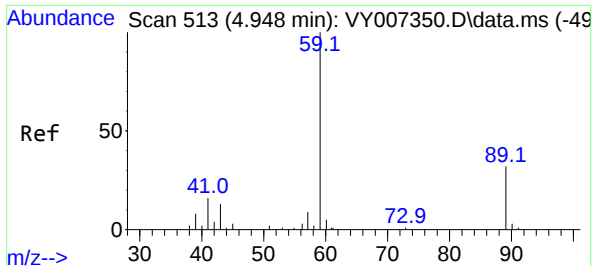
Tgt Ion:168 Resp: 71815
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

Tgt Ion: 94 Resp: 63
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#





#11

Tert butyl alcohol

Concen: 13.979 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY007557.D

Acq: 18 Feb 2022 19:58

Instrument :

MSVOA_Y

ClientSampleId :

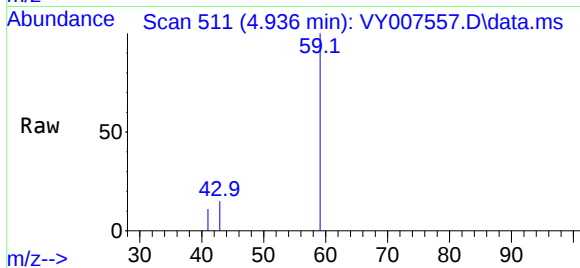
RO-CONCRETE-COMP

Tgt Ion: 59 Resp: 867

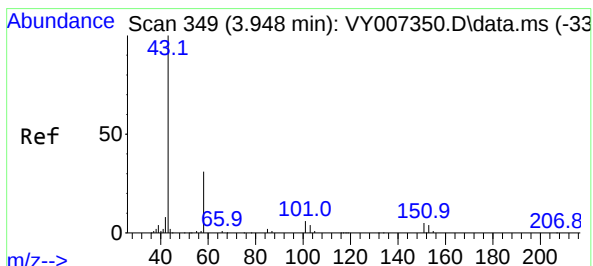
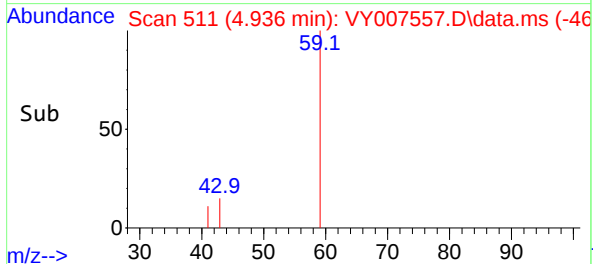
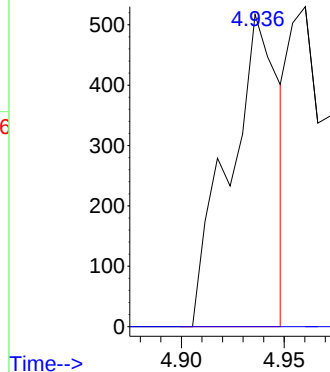
Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



Abundance



#16

Acetone

Concen: 15.431 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY007557.D

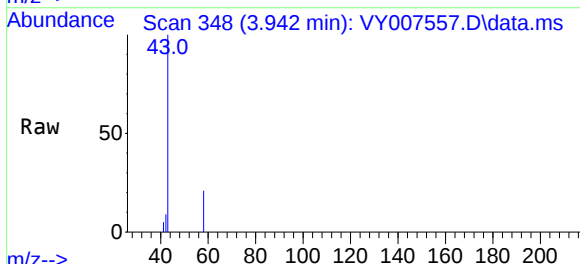
Acq: 18 Feb 2022 19:58

Tgt Ion: 43 Resp: 3246

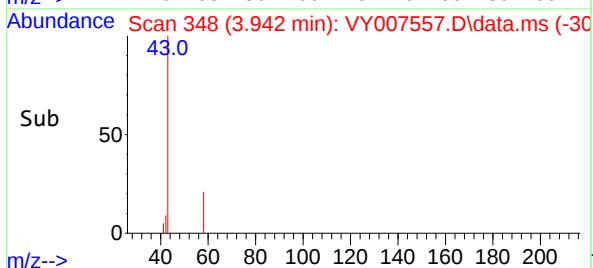
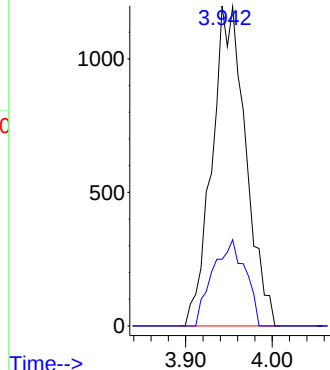
Ion Ratio Lower Upper

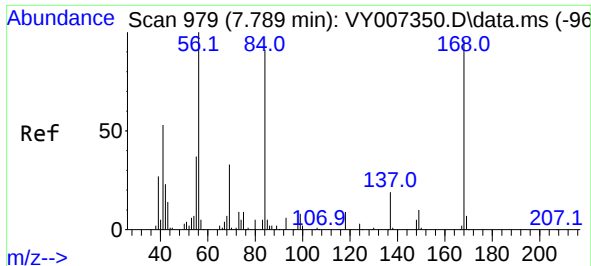
43 100

58 20.9 22.0 33.0#



Abundance

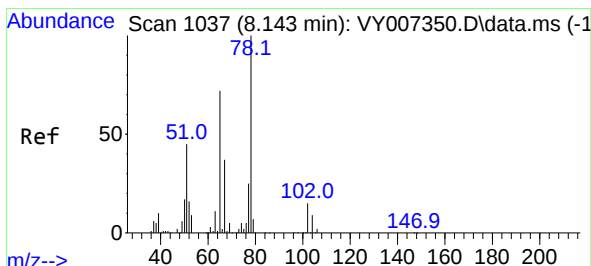
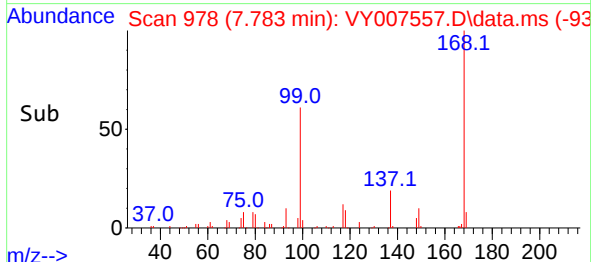
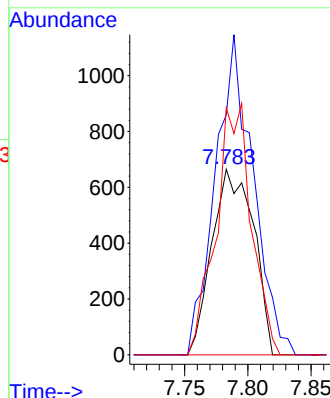
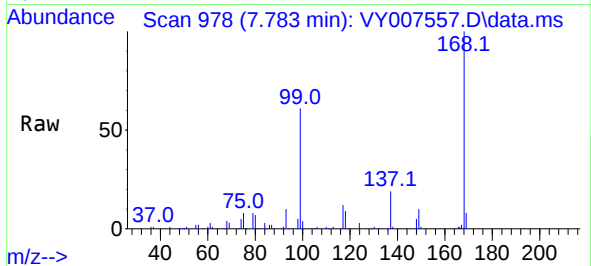




#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

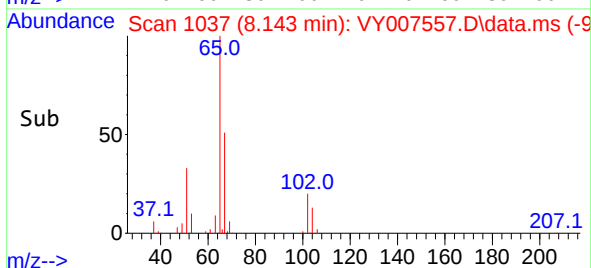
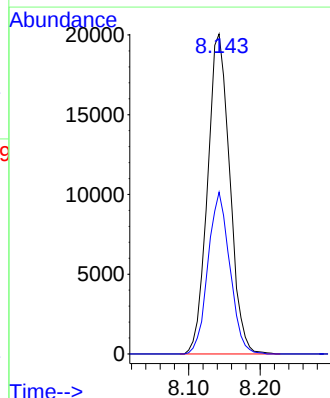
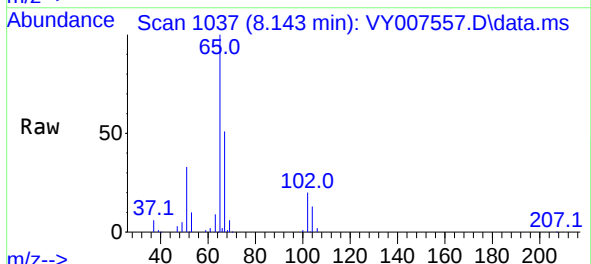
Instrument :
MSVOA_Y
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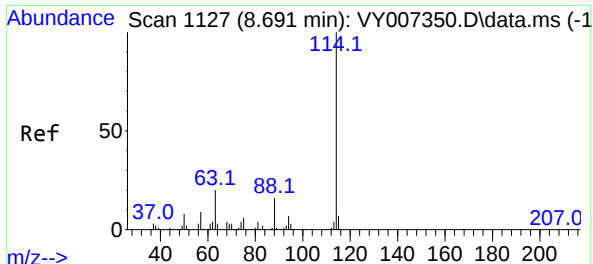
Tgt Ion: 56 Resp: 1519
Ion Ratio Lower Upper
56 100
69 129.3 26.7 40.1#
84 145.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.686 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

Tgt Ion: 65 Resp: 43359
Ion Ratio Lower Upper
65 100
67 49.6 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: VY007557.D

Acq: 18 Feb 2022 19:58

Instrument :

MSVOA_Y

ClientSampleId :

RO-CONCRETE-COMP

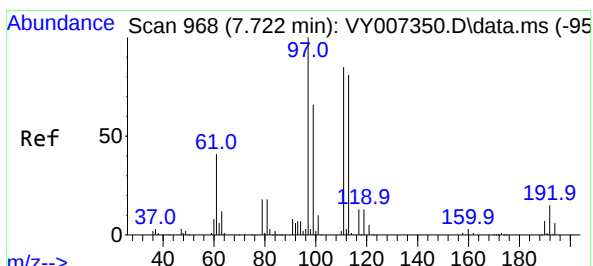
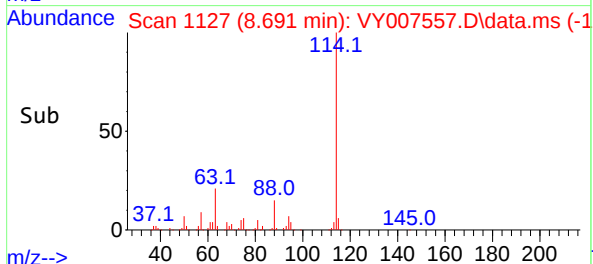
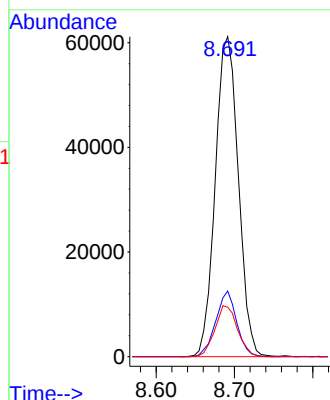
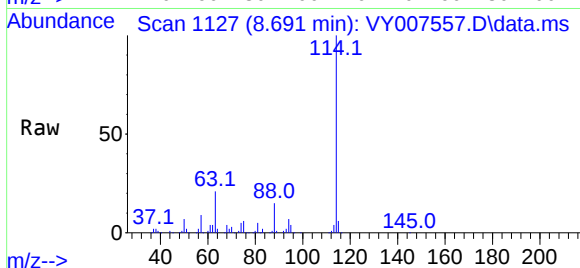
Tgt Ion:114 Resp: 125322

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.046 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007557.D

Acq: 18 Feb 2022 19:58

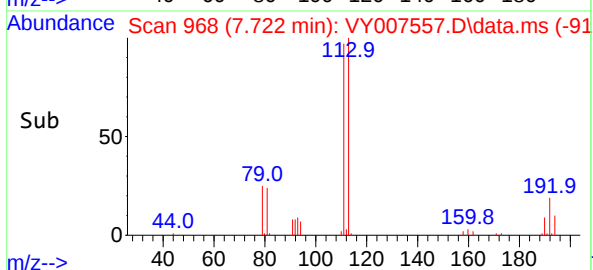
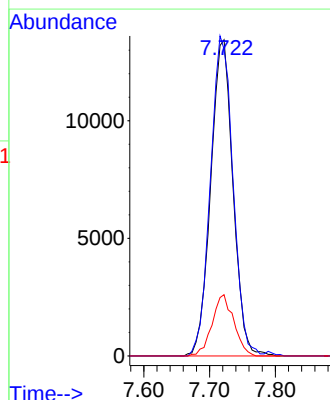
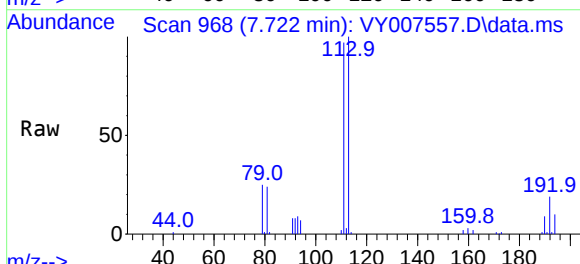
Tgt Ion:113 Resp: 31649

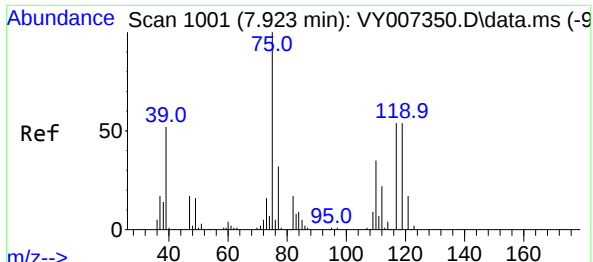
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

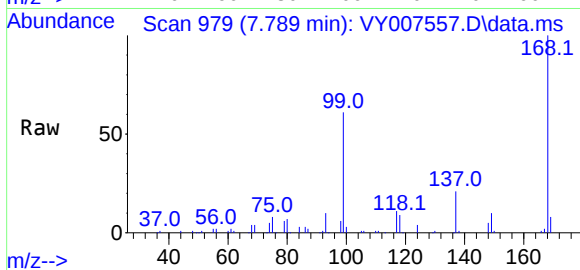
192 18.9 17.6 26.4



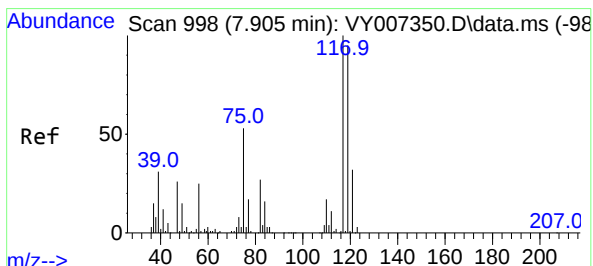
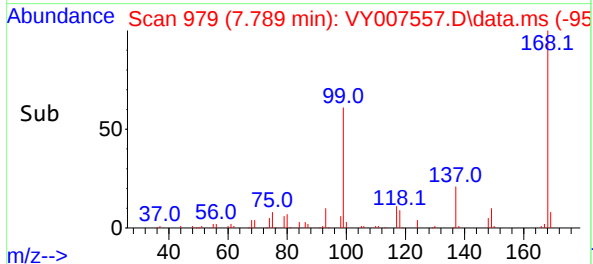
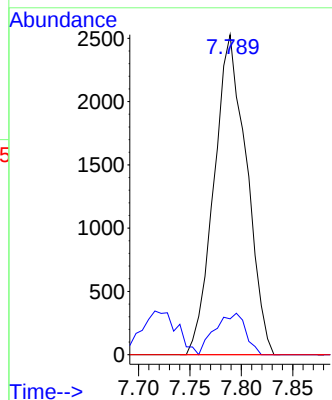


#36
1,1-Dichloropropene
Concen: 4.337 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

Instrument :
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ClientSampleId :
RO-CONCRETE-COMP

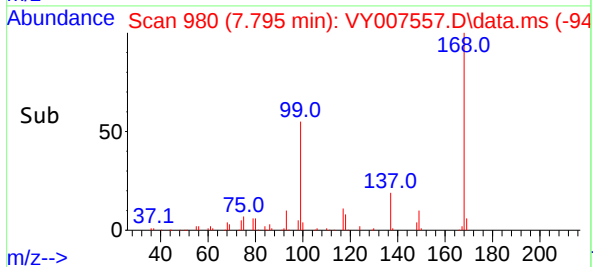
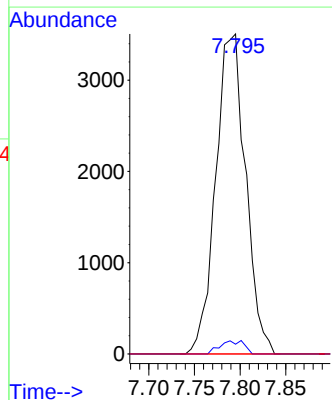
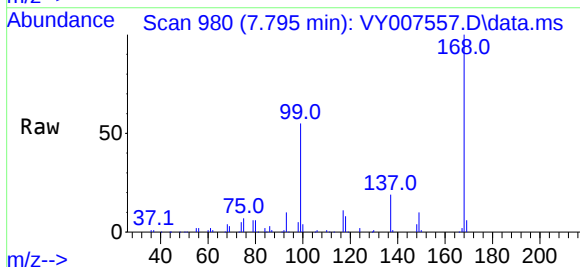


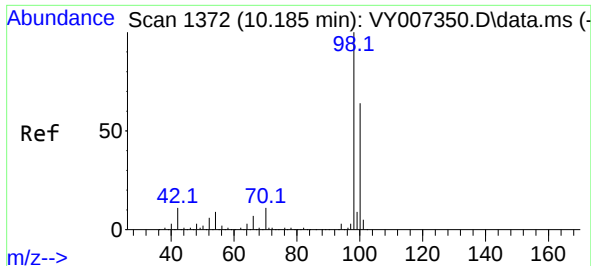
Tgt Ion: 75 Resp: 5553
Ion Ratio Lower Upper
75 100
110 12.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.488 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

Tgt Ion: 117 Resp: 7985
Ion Ratio Lower Upper
117 100
119 3.1 77.9 116.9#
121 0.0 24.8 37.2#

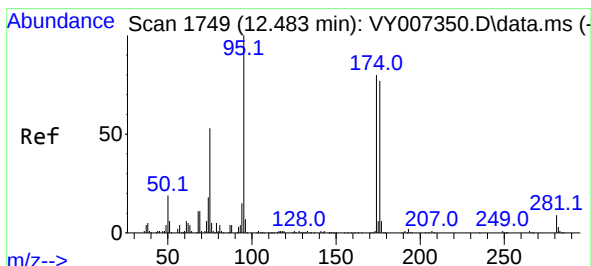
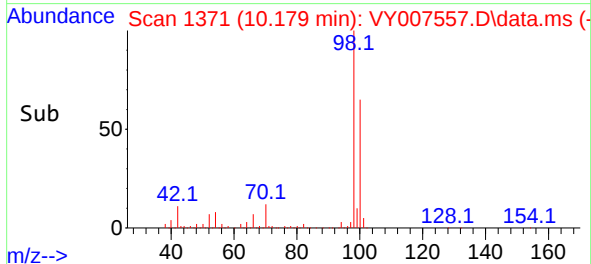
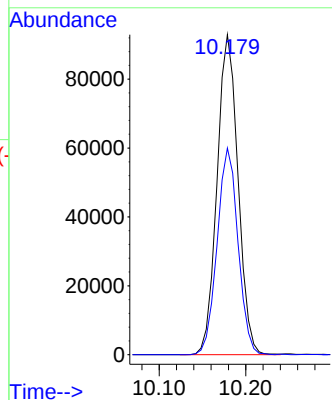
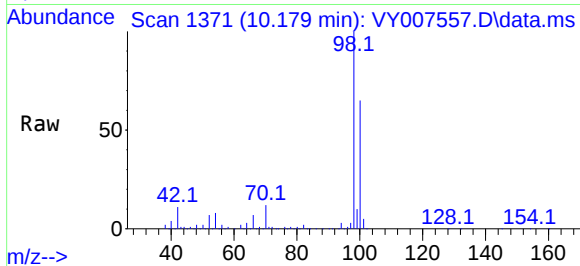




#50
Toluene-d8
Concen: 51.983 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

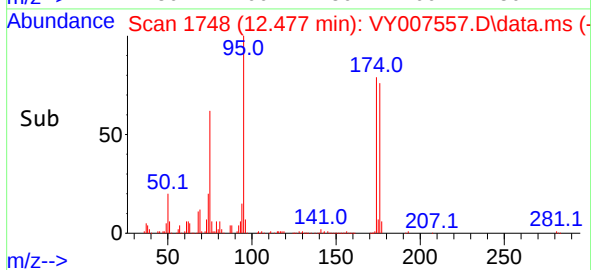
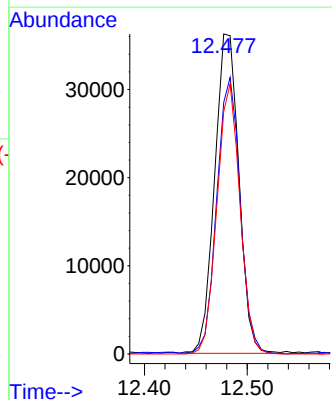
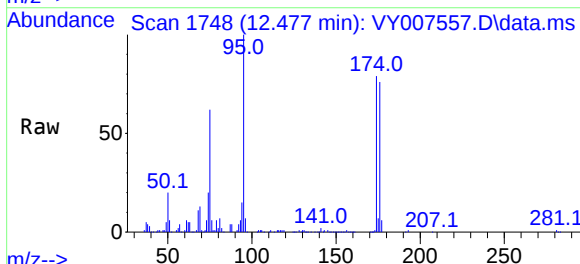
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ClientSampleId :
RO-CONCRETE-COMP

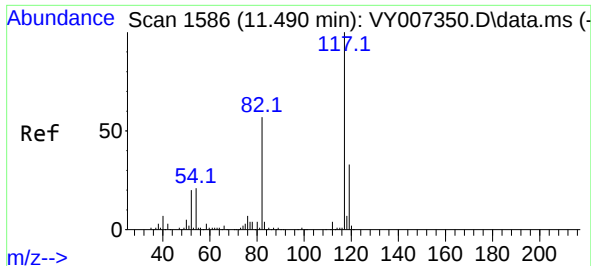
Tgt Ion: 98 Resp: 156037
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 58.253 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

Tgt Ion: 95 Resp: 59290
Ion Ratio Lower Upper
95 100
174 83.7 0.0 177.0
176 79.9 0.0 175.8

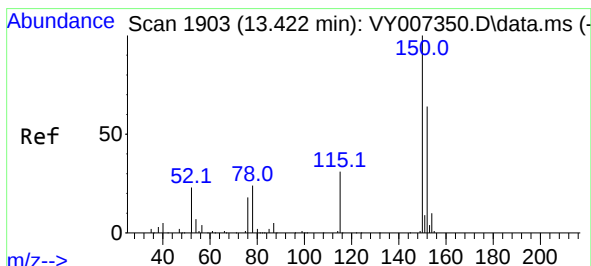
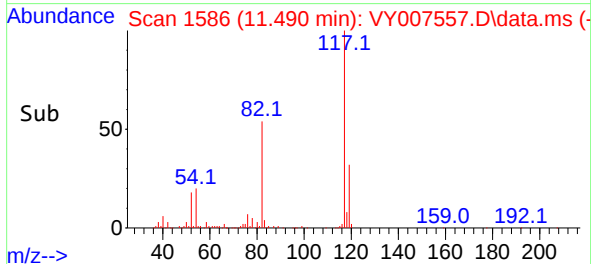
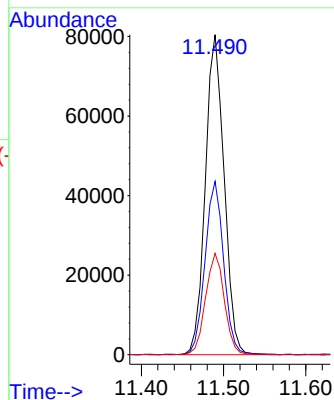
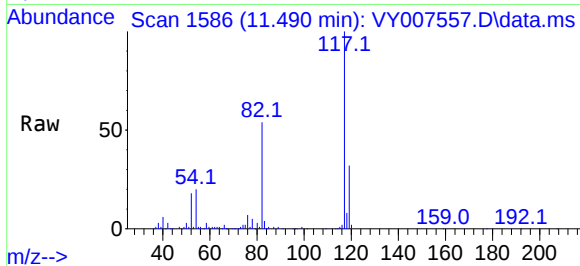




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

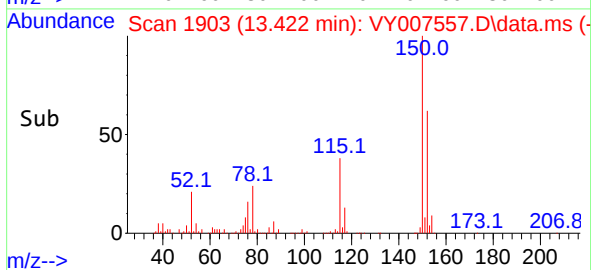
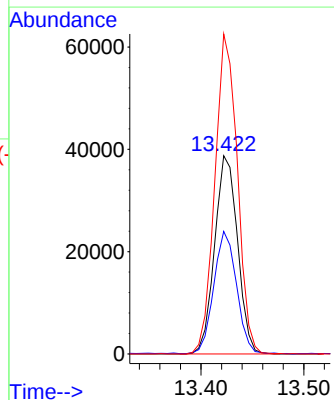
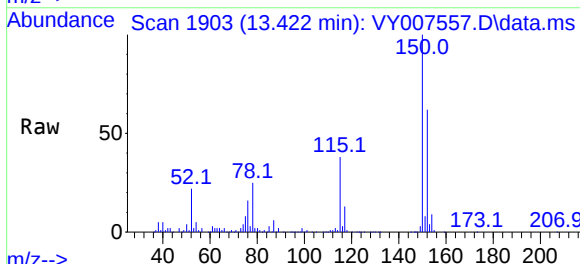
Instrument :
MSVOA_Y
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RO-CONCRETE-COMP

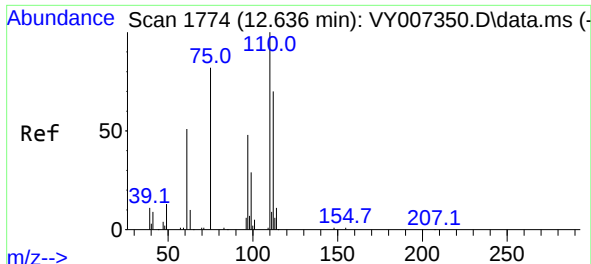
Tgt Ion:117 Resp: 127674
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

Tgt Ion:152 Resp: 60005
Ion Ratio Lower Upper
152 100
115 61.8 28.2 84.7
150 158.6 0.0 347.6

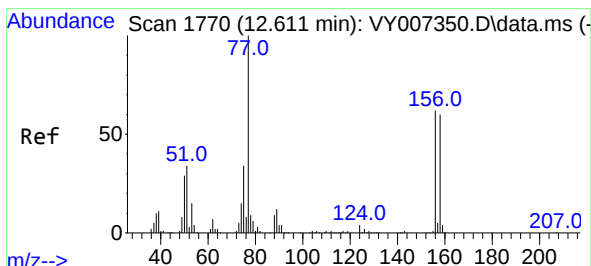
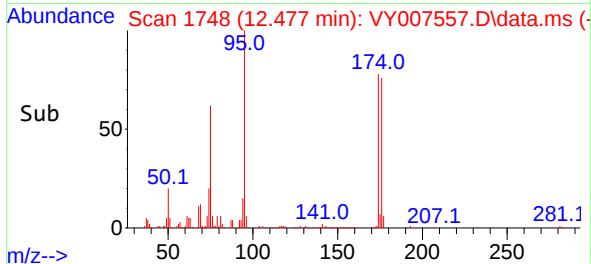
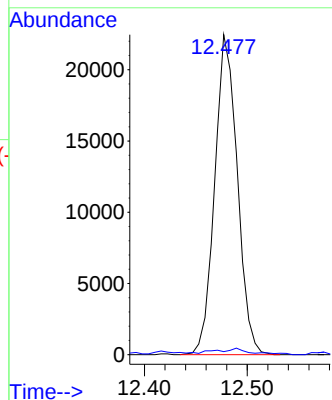
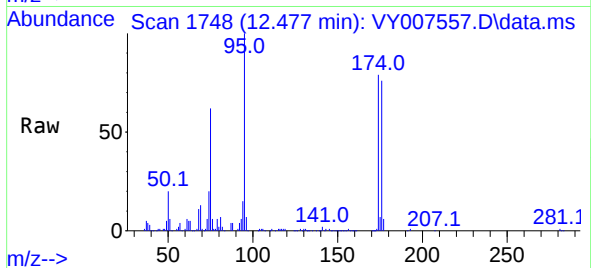




#76
1,2,3-Trichloropropane
Concen: 49.394 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.159 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

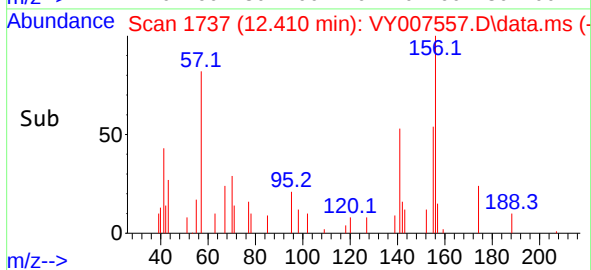
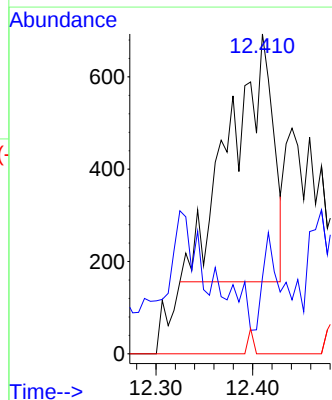
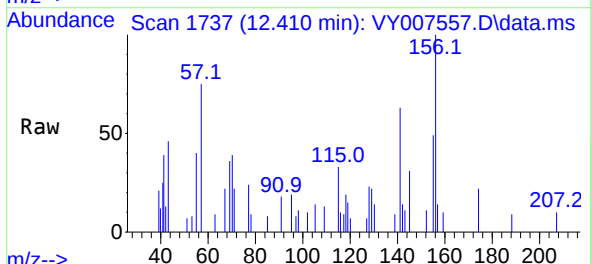
Instrument :
MSVOA_Y
ClientSampleId :
RO-CONCRETE-COMP

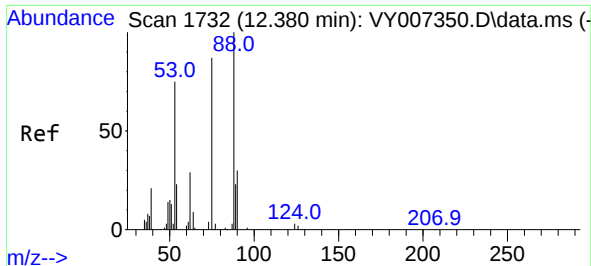
Tgt Ion: 75 Resp: 34246
Ion Ratio Lower Upper
75 100
77 3.1 0.0 0.0#



#77
Bromobenzene
Concen: 1.459 ug/l
RT: 12.410 min Scan# 1737
Delta R.T. -0.201 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

Tgt Ion:156 Resp: 1666
Ion Ratio Lower Upper
156 100
77 15.5 95.5 286.4#
158 1.2 48.0 144.0#

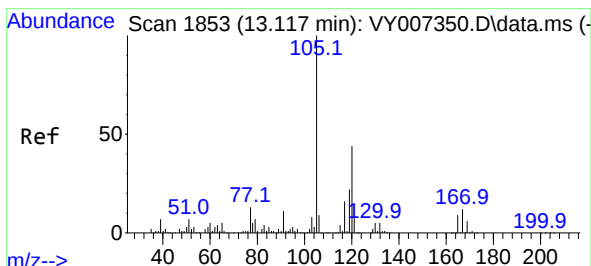
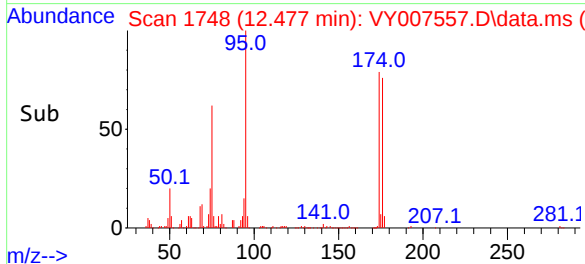
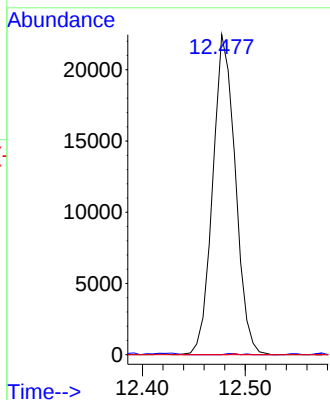
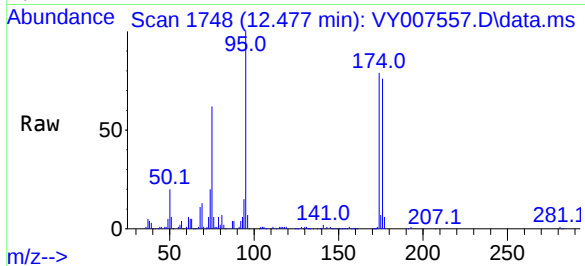




#81
trans-1,4-Dichloro-2-butene
Concen: 102.662 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

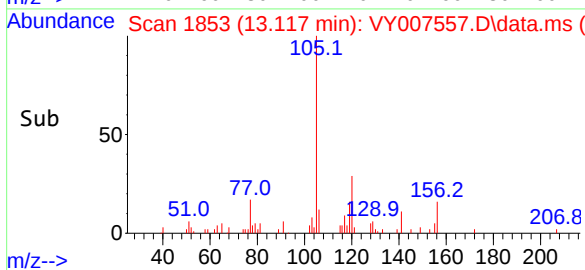
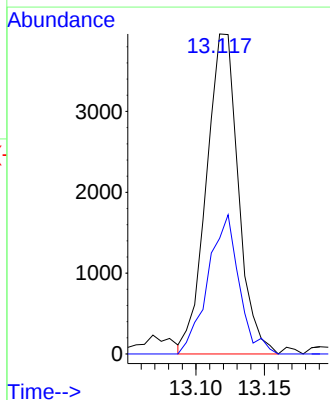
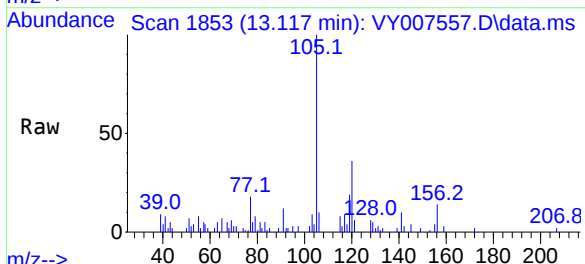
Instrument :
MSVOA_Y
ClientSampleId :
RO-CONCRETE-COMP

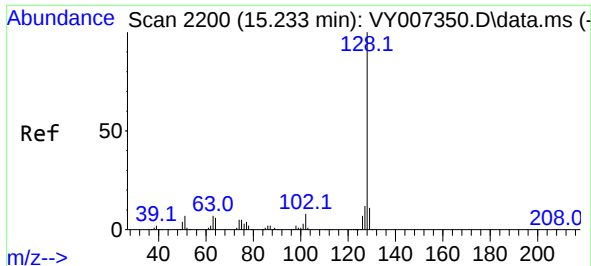
Tgt Ion: 75 Resp: 34246
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.1 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.505 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

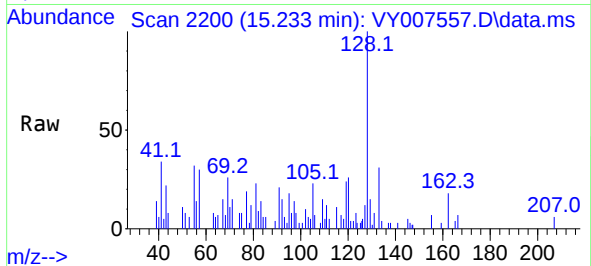
Tgt Ion: 105 Resp: 6424
Ion Ratio Lower Upper
105 100
120 42.4 22.3 66.9





#95
Naphthalene
Concen: 1.384 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY007557.D
Acq: 18 Feb 2022 19:58

Instrument :
MSVOA_Y
ClientSampleId :
RO-CONCRETE-COMP



Tgt Ion:128 Resp: 3534
Ion Ratio Lower Upper
128 100
127 16.5 11.0 16.4#
129 9.1 8.4 12.6

