

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007585.D
 Acq On : 22 Feb 2022 16:07
 Operator : SY/MD
 Sample : N1594-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-CONCRETE-COMP

Quant Time: Feb 22 17:03:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

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

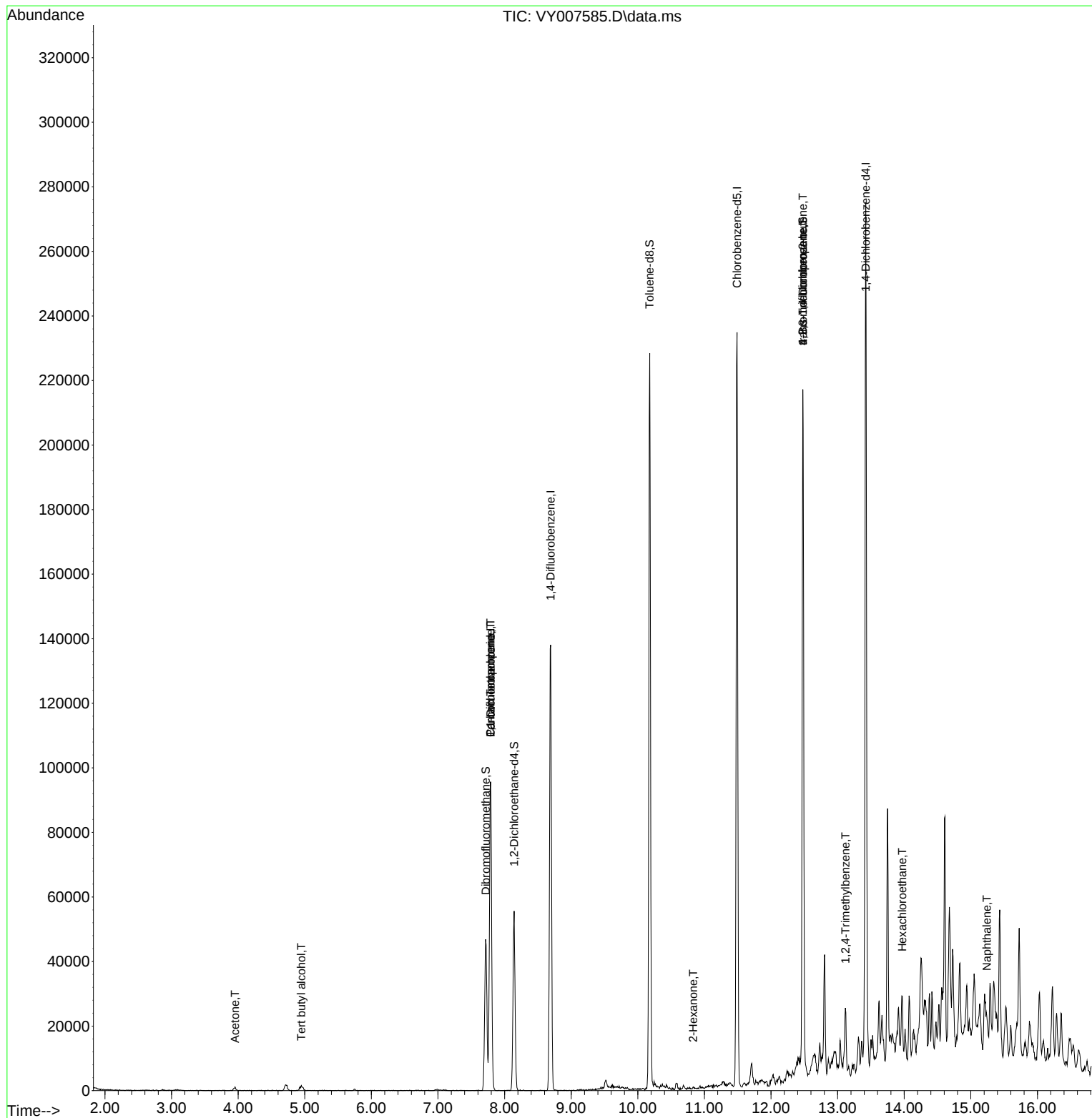
Internal Standards						
1) Pentafluorobenzene	7.789	168	71501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	117388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	122399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	42109	56.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.720%	
35) Dibromofluoromethane	7.716	113	30541	41.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 82.060%	
50) Toluene-d8	10.179	98	144716	56.073	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.140%	
62) 4-Bromofluorobenzene	12.477	95	58309	62.397	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 124.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	3033	46.461	ug/l #	80
16) Acetone	3.954	43	1669	9.553	ug/l #	83
20) Methylene Chloride	4.735	84	1579	Below Cal	#	52
31) Cyclohexane	7.783	56	1623	Below Cal	#	32
36) 1,1-Dichloropropene	7.789	75	5144	4.729	ug/l #	56
38) Carbon Tetrachloride	7.789	117	7965	5.438	ug/l #	16
59) 2-Hexanone	10.831	43	346	1.058	ug/l #	28
76) 1,2,3-Trichloropropane	12.477	75	35076	48.864	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35076	119.753	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.117	105	10884	2.721	ug/l	95
90) Hexachloroethane	13.971	117	1027	1.177	ug/l #	6
95) Naphthalene	15.239	128	4992	1.885	ug/l #	73

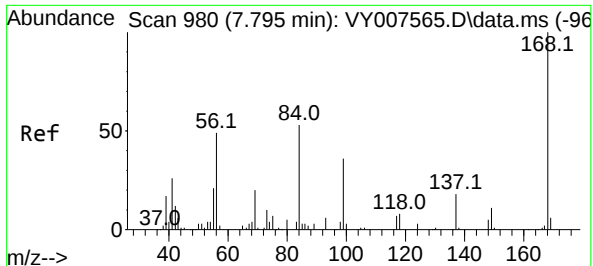
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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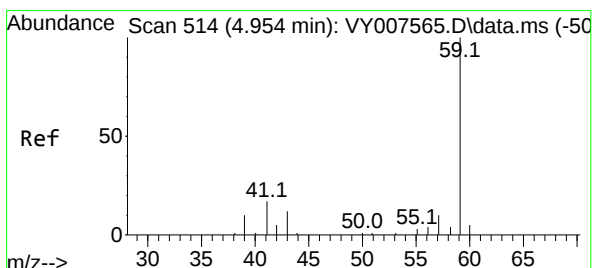
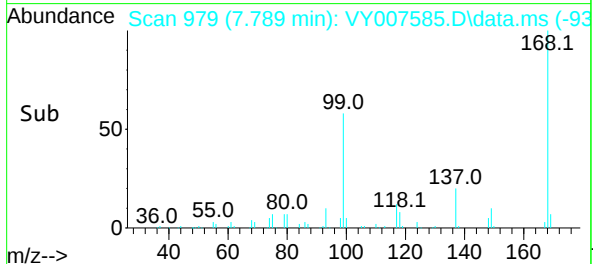
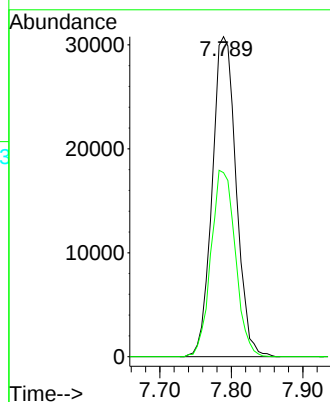
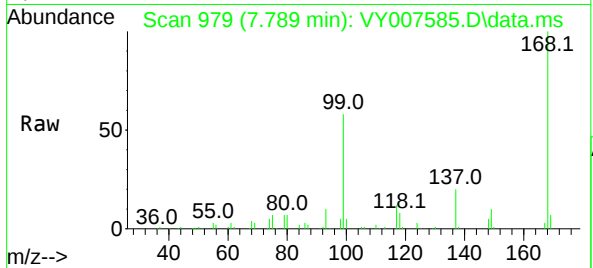




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007585.D
Acq: 22 Feb 2022 16:07

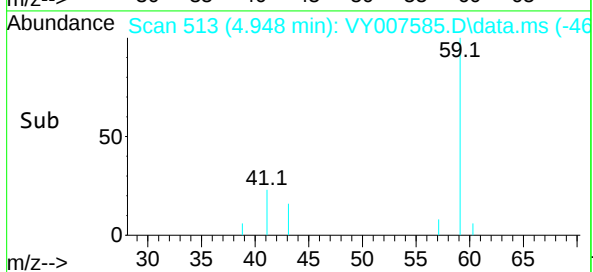
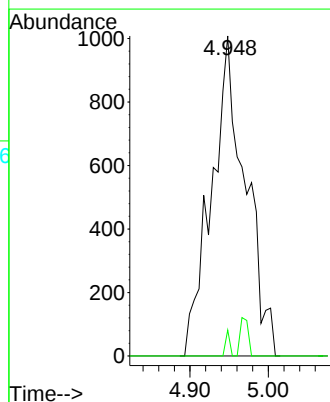
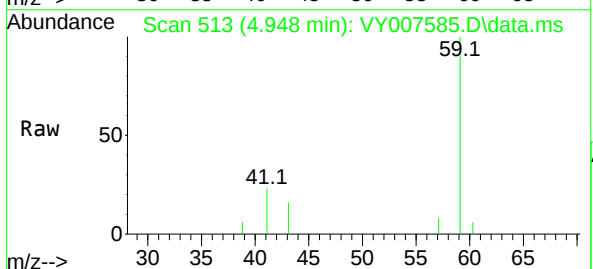
Instrument :
MSVOA_Y
ClientSampleId :
RO-CONCRETE-COMP

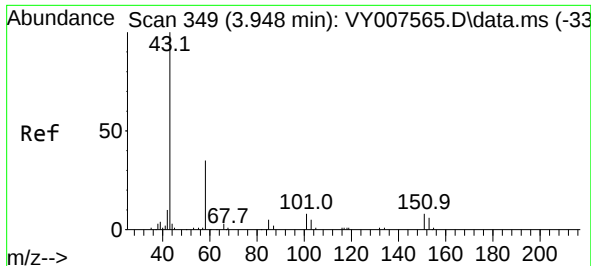
Tgt Ion:168 Resp: 71501
Ion Ratio Lower Upper
168 100
99 57.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 46.461 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007585.D
Acq: 22 Feb 2022 16:07

Tgt Ion: 59 Resp: 3033
Ion Ratio Lower Upper
59 100
57 1.0 6.4 9.6#





#16

Acetone

Concen: 9.553 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY007585.D

Acq: 22 Feb 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

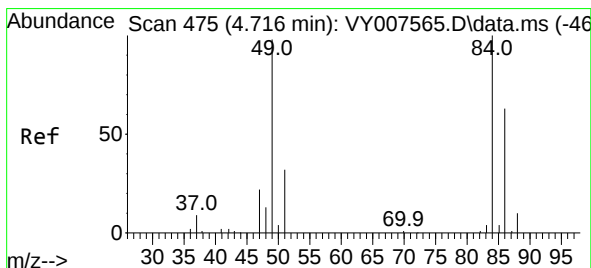
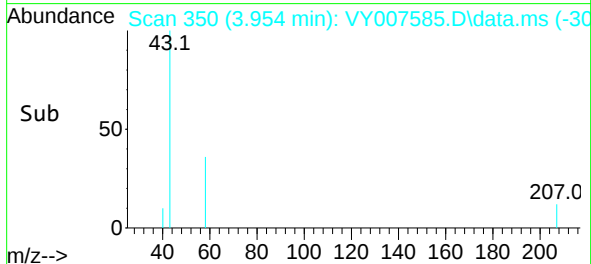
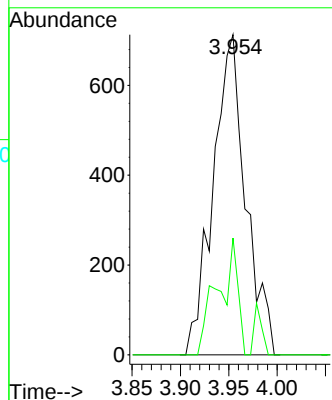
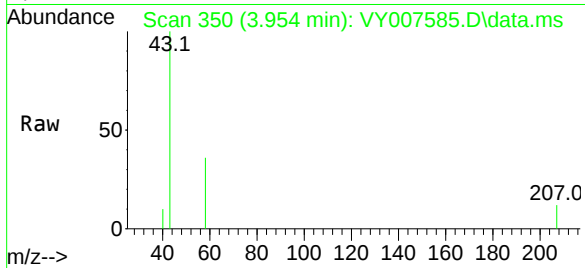
RO-CONCRETE-COMP

Tgt Ion: 43 Resp: 1669

Ion Ratio Lower Upper

43 100

58 36.5 22.0 33.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.735 min Scan# 478

Delta R.T. 0.019 min

Lab File: VY007585.D

Acq: 22 Feb 2022 16:07

Tgt Ion: 84 Resp: 1579

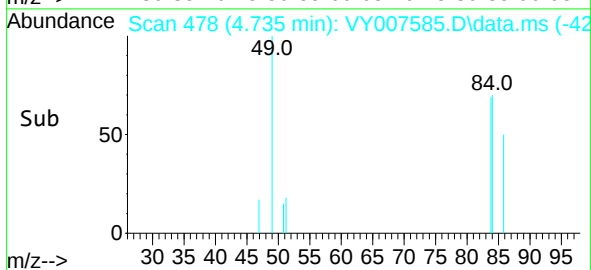
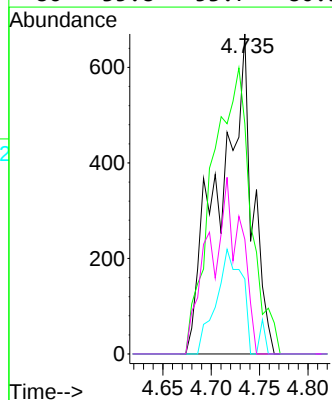
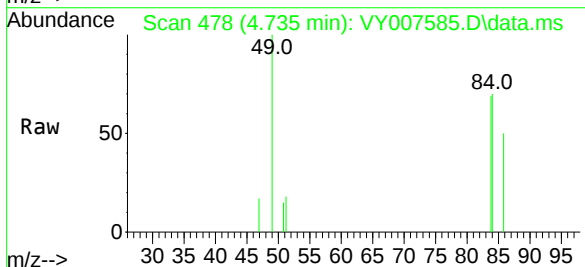
Ion Ratio Lower Upper

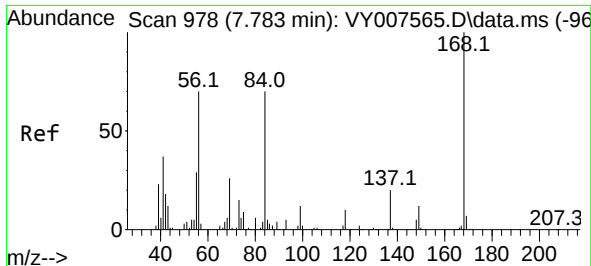
84 100

49 71.9 114.4 171.6#

51 23.4 35.3 52.9#

86 35.8 53.7 80.5#

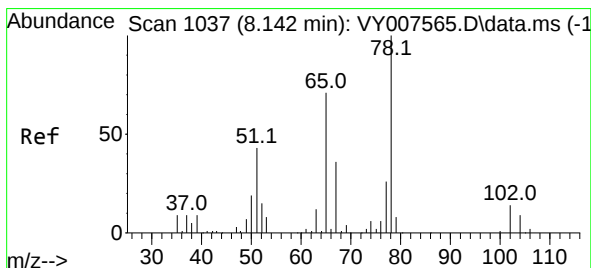
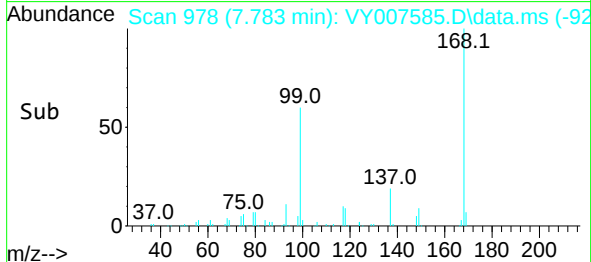
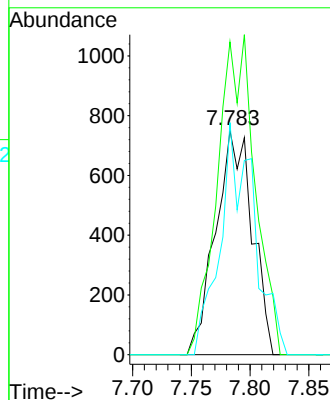
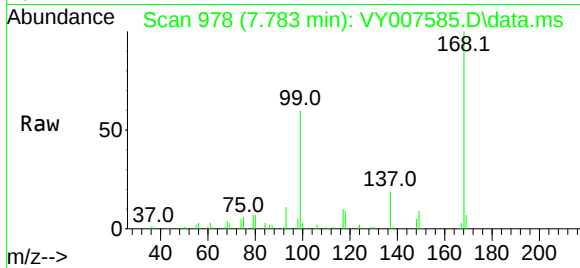




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007585.D
Acq: 22 Feb 2022 16:07

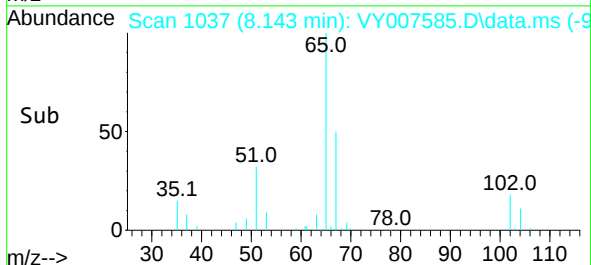
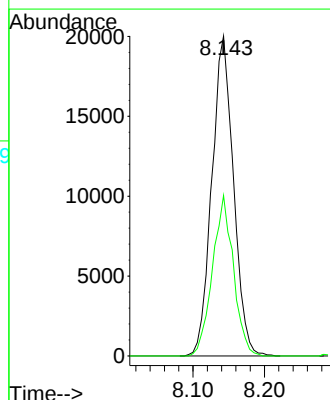
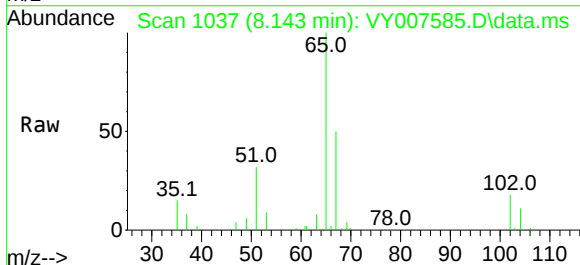
Instrument :
MSVOA_Y
ClientSampleId :
RO-CONCRETE-COMP

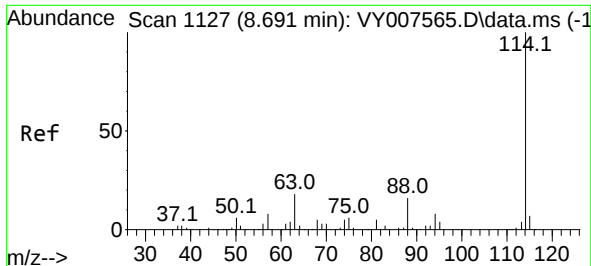
Tgt Ion: 56 Resp: 1623
Ion Ratio Lower Upper
56 100
69 139.4 26.7 40.1#
84 103.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.862 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007585.D
Acq: 22 Feb 2022 16:07

Tgt Ion: 65 Resp: 42109
Ion Ratio Lower Upper
65 100
67 48.5 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: VY007585.D

Acq: 22 Feb 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

RO-CONCRETE-COMP

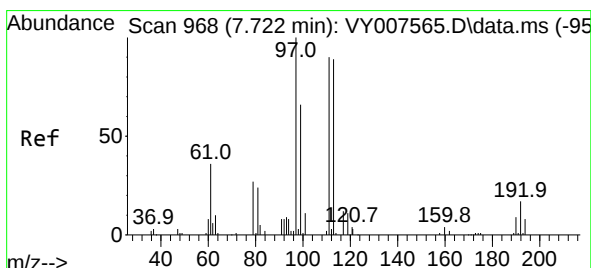
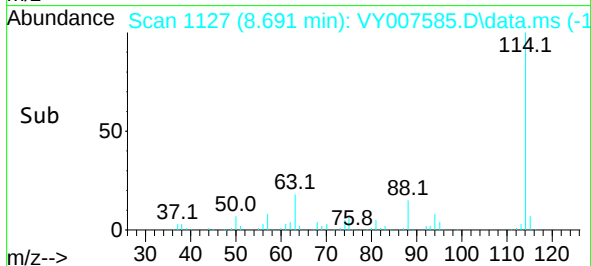
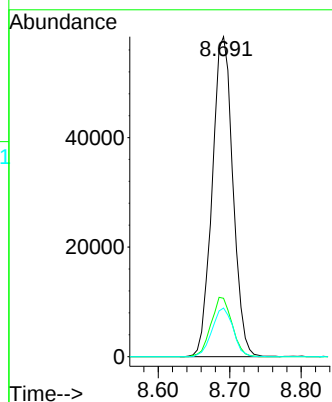
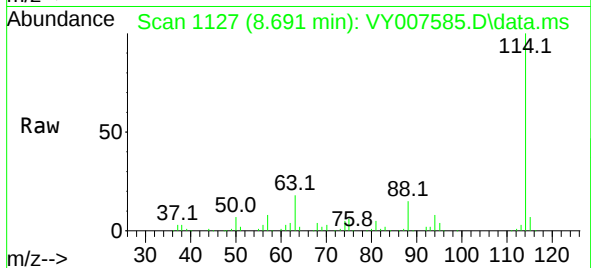
Tgt Ion:114 Resp: 117388

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.031 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007585.D

Acq: 22 Feb 2022 16:07

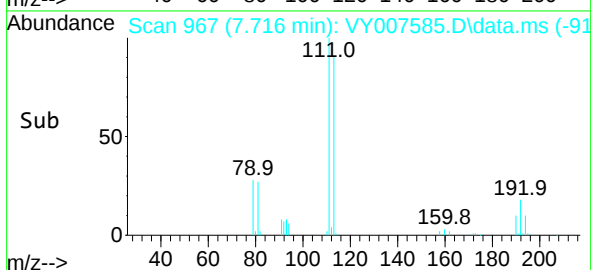
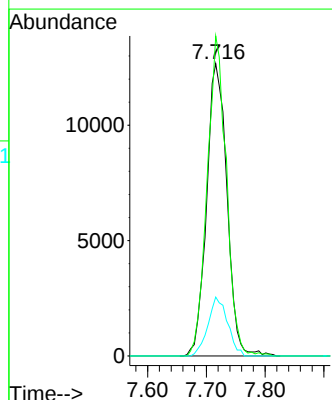
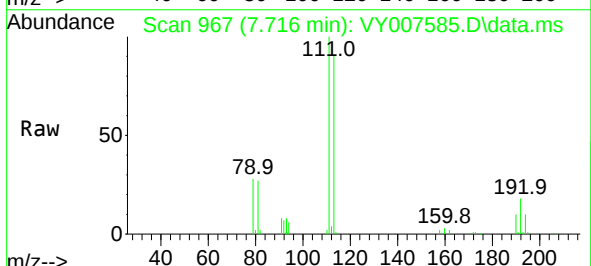
Tgt Ion:113 Resp: 30541

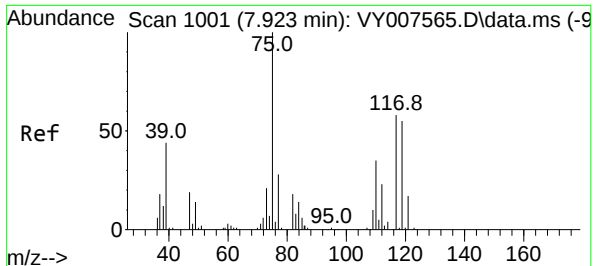
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 19.4 17.6 26.4

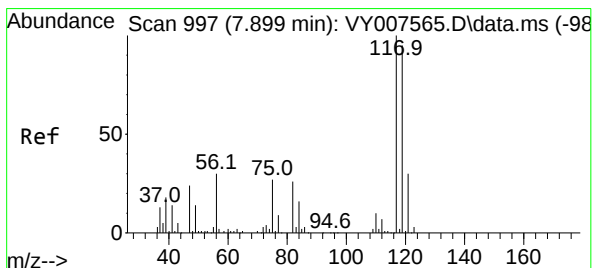
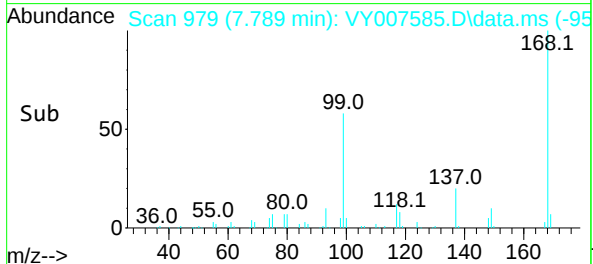
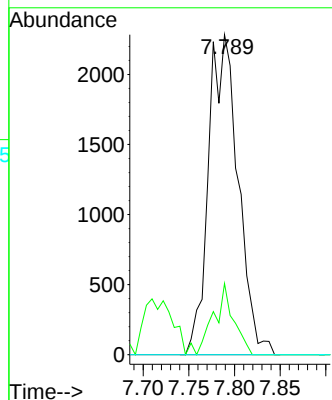
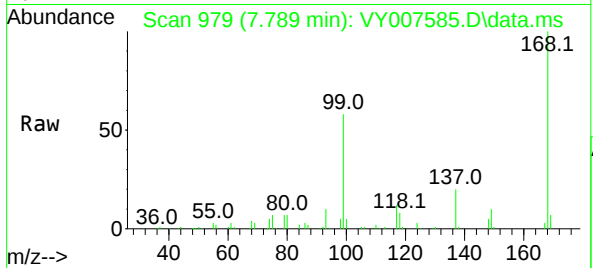




#36
1,1-Dichloropropene
Concen: 4.729 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007585.D
Acq: 22 Feb 2022 16:07

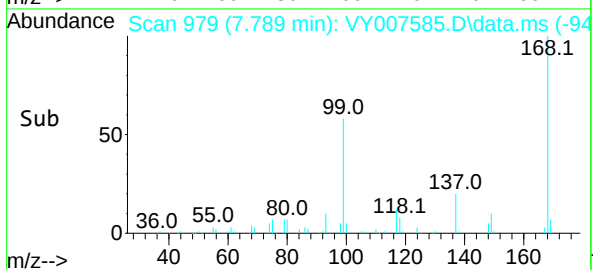
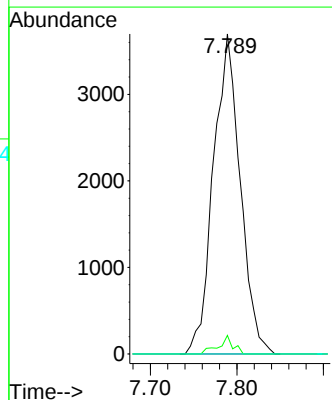
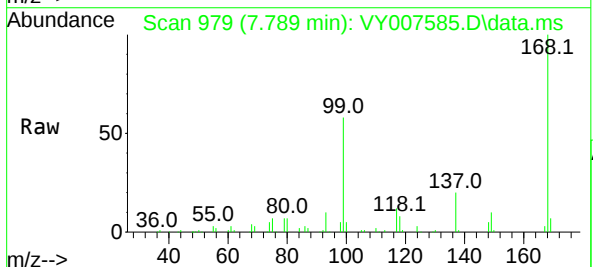
Instrument :
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ClientSampleId :
RO-CONCRETE-COMP

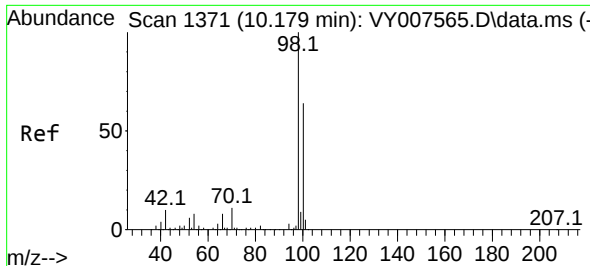
Tgt Ion: 75 Resp: 5144
Ion Ratio Lower Upper
75 100
110 14.7 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.438 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007585.D
Acq: 22 Feb 2022 16:07

Tgt Ion: 117 Resp: 7965
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#

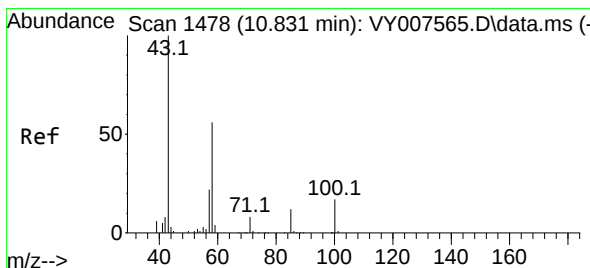
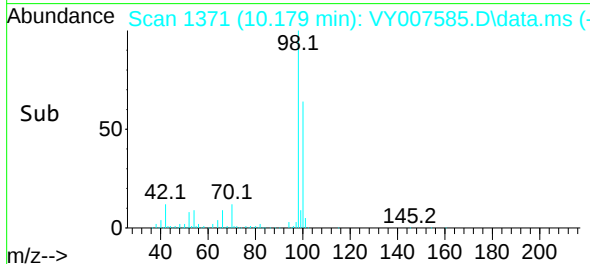
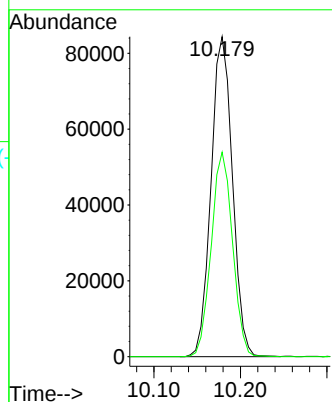
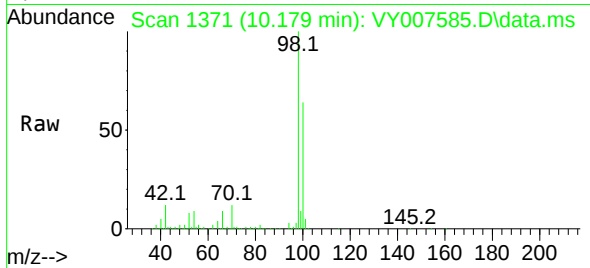




#50
Toluene-d8
Concen: 56.073 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007585.D
Acq: 22 Feb 2022 16:07

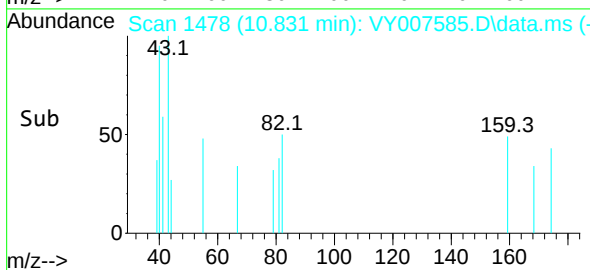
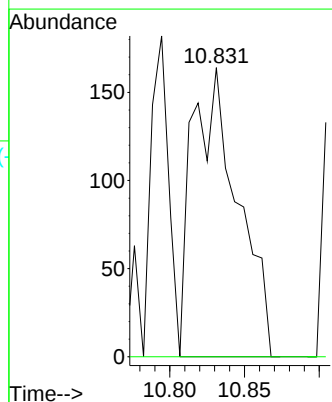
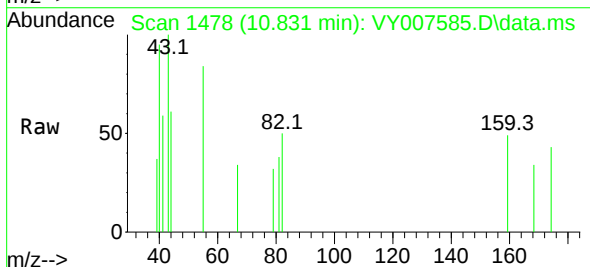
Instrument :
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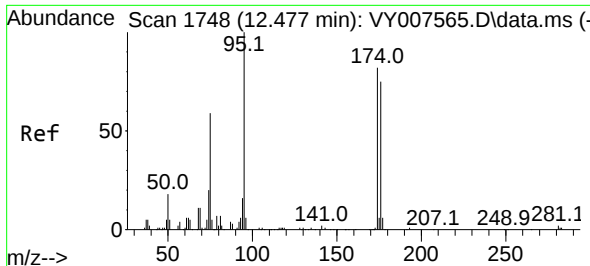
Tgt Ion: 98 Resp: 144716
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#59
2-Hexanone
Concen: 1.058 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007585.D
Acq: 22 Feb 2022 16:07

Tgt Ion: 43 Resp: 346
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

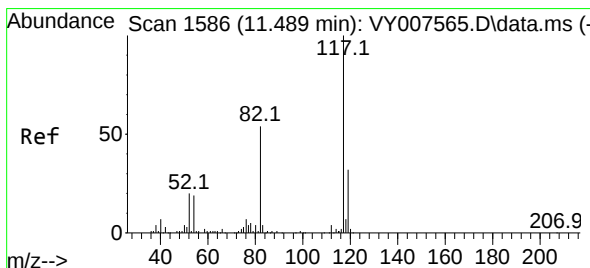
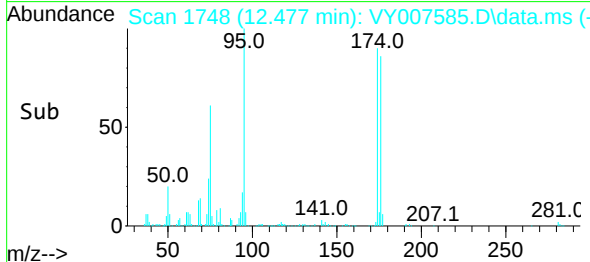
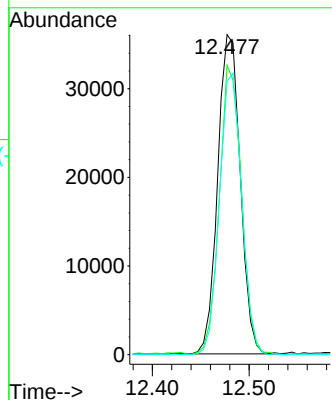
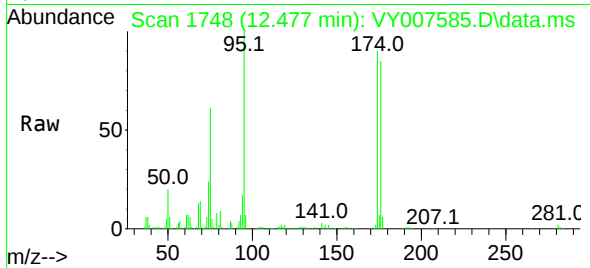




#62
4-Bromofluorobenzene
Concen: 62.397 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007585.D
Acq: 22 Feb 2022 16:07

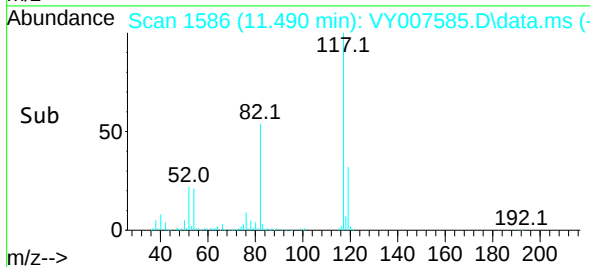
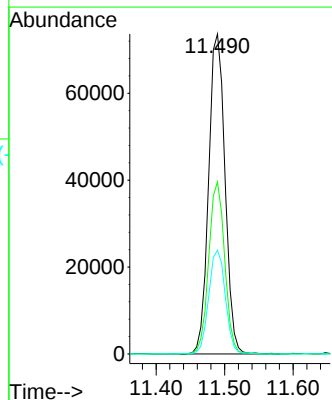
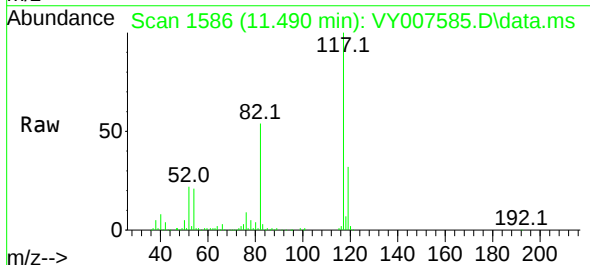
Instrument :
MSVOA_Y
ClientSampleId :
RO-CONCRETE-COMP

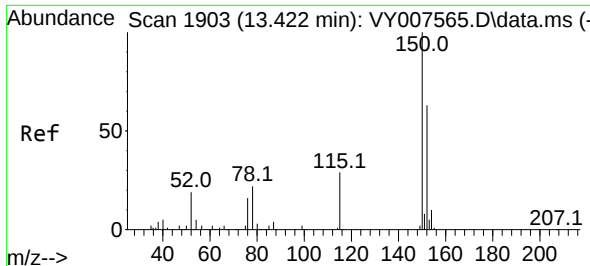
Tgt Ion: 95 Resp: 58309
Ion Ratio Lower Upper
95 100
174 88.8 0.0 177.0
176 86.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY007585.D
Acq: 22 Feb 2022 16:07

Tgt Ion: 117 Resp: 122399
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.4 25.4 38.0

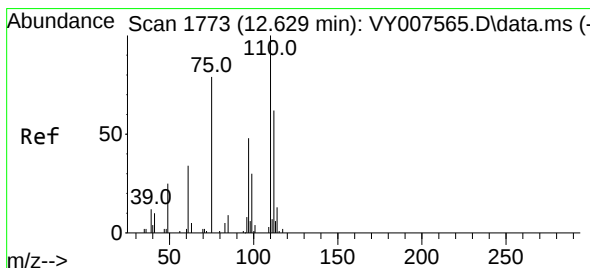
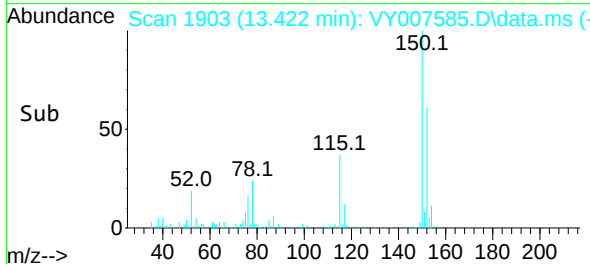
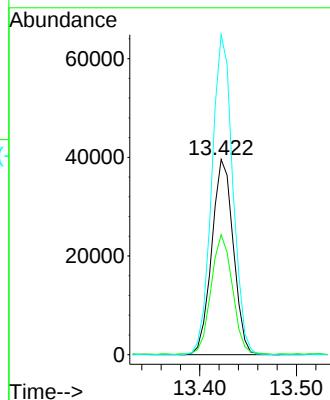
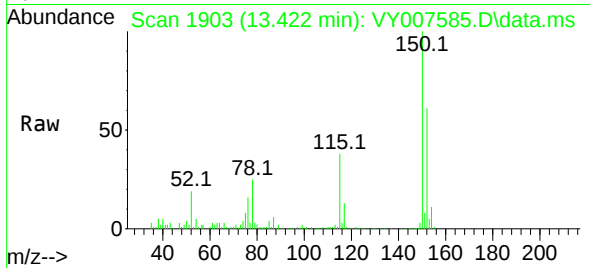




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007585.D
Acq: 22 Feb 2022 16:07

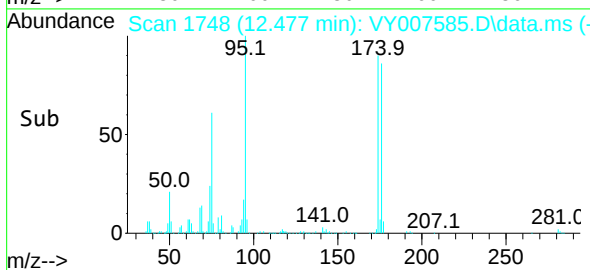
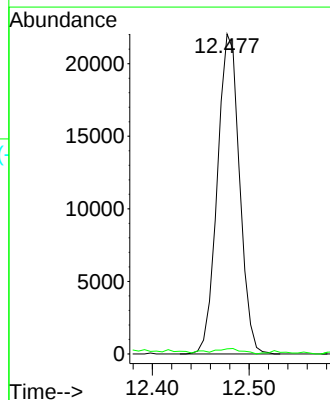
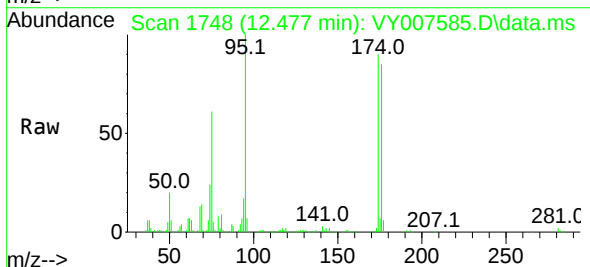
Instrument :
MSVOA_Y
ClientSampleId :
RO-CONCRETE-COMP

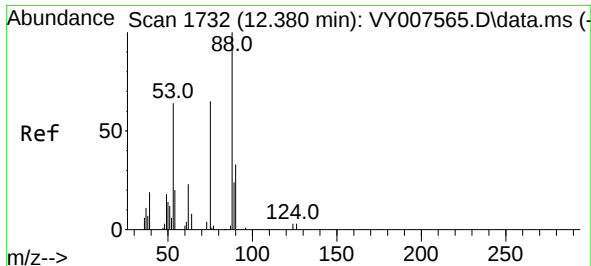
Tgt Ion:152 Resp: 61324
Ion Ratio Lower Upper
152 100
115 60.7 28.2 84.7
150 159.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.864 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007585.D
Acq: 22 Feb 2022 16:07

Tgt Ion: 75 Resp: 35076
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#

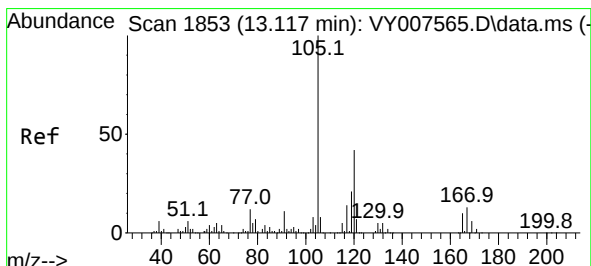
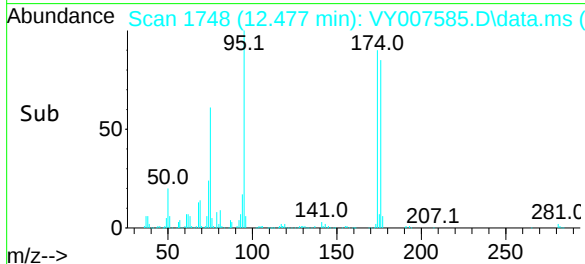
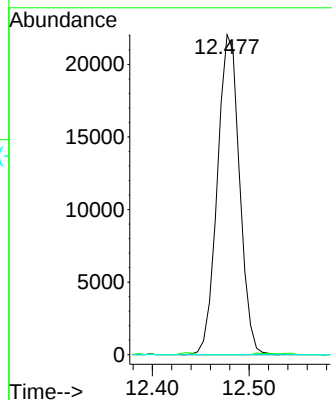
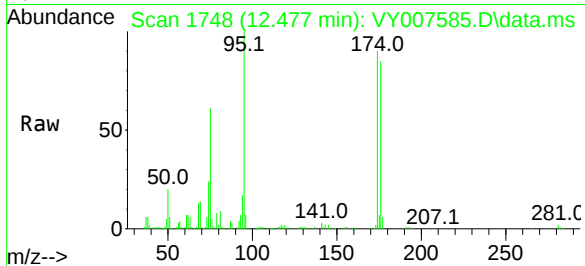




#81
trans-1,4-Dichloro-2-butene
Concen: 119.753 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY007585.D
Acq: 22 Feb 2022 16:07

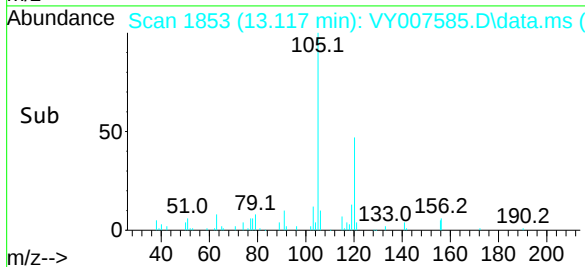
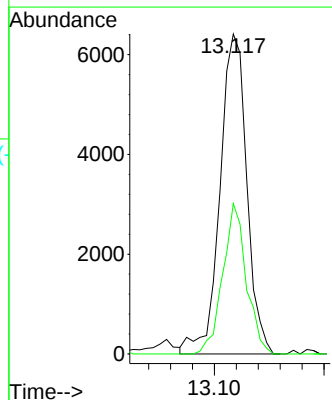
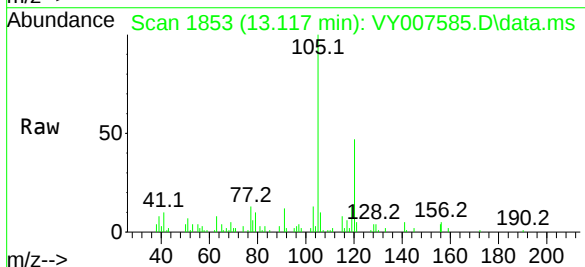
Instrument :
MSVOA_Y
ClientSampleId :
RO-CONCRETE-COMP

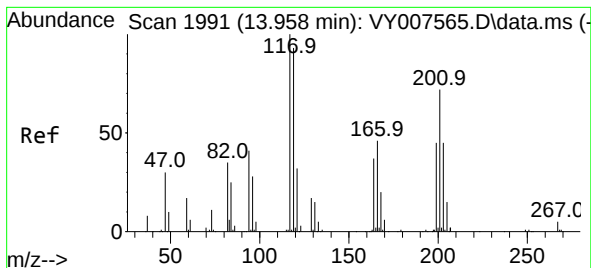
Tgt Ion: 75 Resp: 35076
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 2.721 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007585.D
Acq: 22 Feb 2022 16:07

Tgt Ion: 105 Resp: 10884
Ion Ratio Lower Upper
105 100
120 41.3 22.3 66.9





#90

Hexachloroethane

Concen: 1.177 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.013 min

Lab File: VY007585.D

Acq: 22 Feb 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

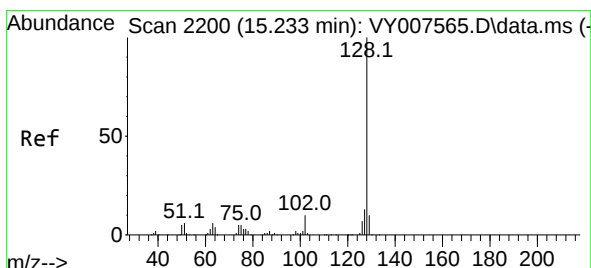
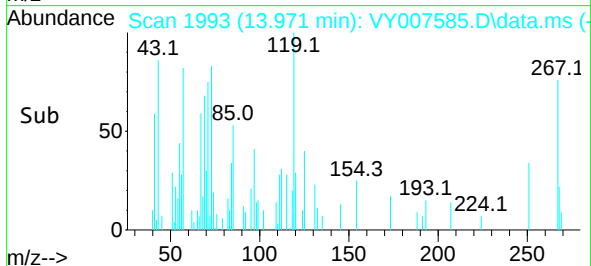
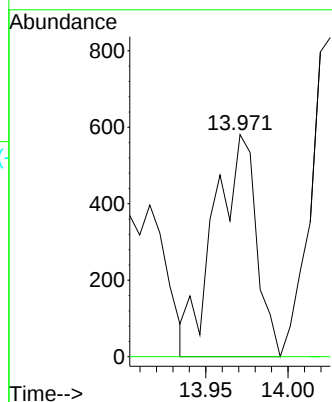
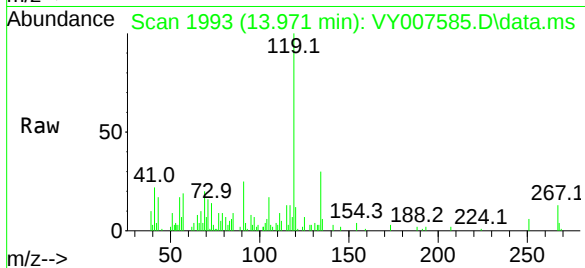
RO-CONCRETE-COMP

Tgt Ion:117 Resp: 1027

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#



#95

Naphthalene

Concen: 1.885 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY007585.D

Acq: 22 Feb 2022 16:07

Tgt Ion:128 Resp: 4992

Ion Ratio Lower Upper

128 100

127 23.5 11.0 16.4#

129 22.2 8.4 12.6#

