

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006758.D
 Acq On : 16 Nov 2021 13:52
 Operator : SY/MD
 Sample : M4666-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE

Quant Time: Nov 17 04:07:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

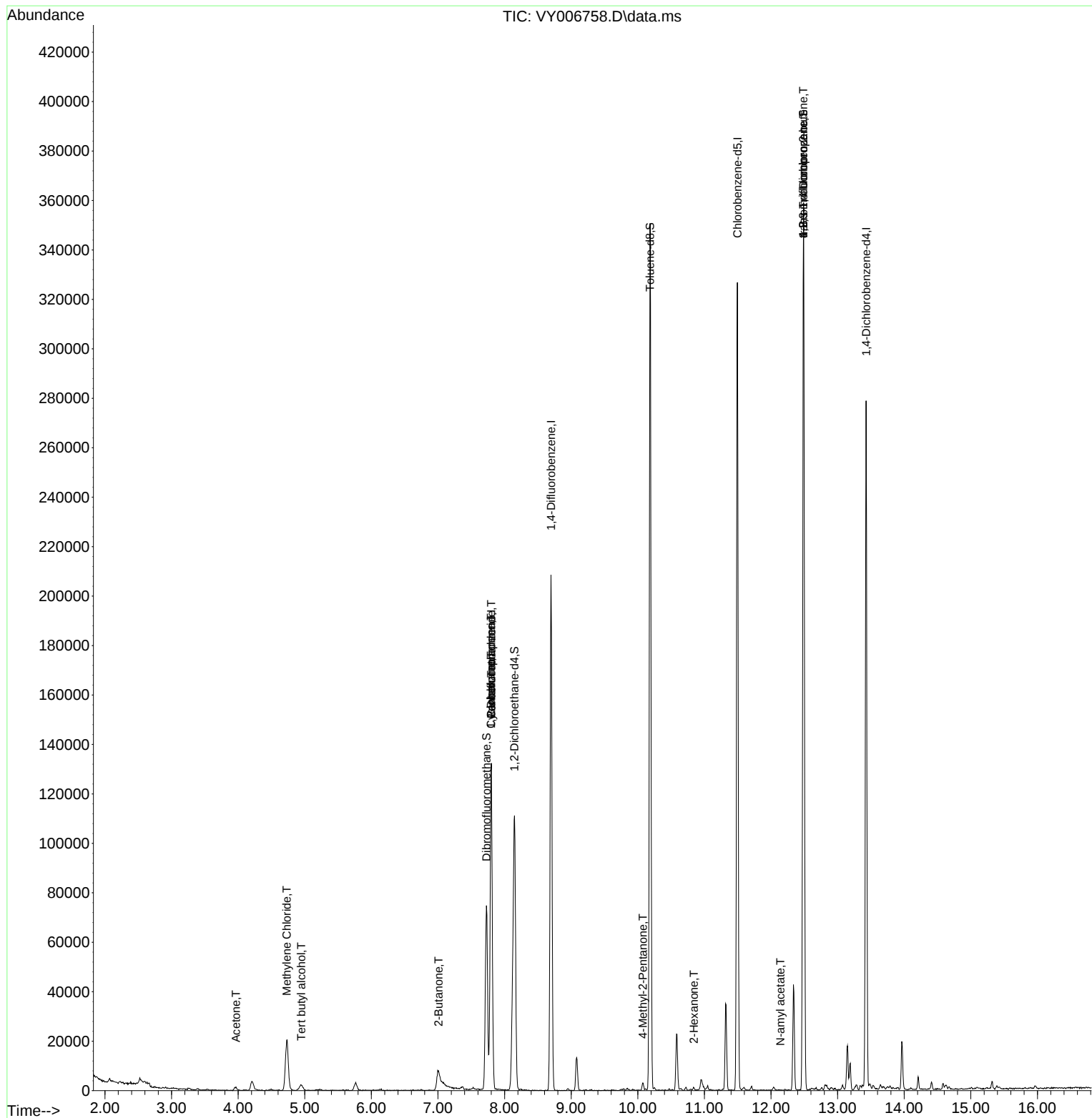
Internal Standards						
1) Pentafluorobenzene	7.801	168	97025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	169359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	157808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76430	60.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.200%
35) Dibromofluoromethane	7.728	113	50003	48.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.140%
50) Toluene-d8	10.185	98	214330	49.789	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.483	95	68297	47.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	3243	16.958	ug/l #	80
16) Acetone	3.966	43	2449	6.339	ug/l #	81
20) Methylene Chloride	4.729	84	13586	8.974	ug/l	98
25) 2-Butanone	7.009	43	1490	14.031	ug/l #	86
31) Cyclohexane	7.795	56	2676	1.197	ug/l #	33
36) 1,1-Dichloropropene	7.795	75	8454	4.592	ug/l #	50
38) Carbon Tetrachloride	7.801	117	9634	5.117	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	2310	1.899	ug/l	97
59) 2-Hexanone	10.843	43	792	24.619	ug/l	98
74) N-amyl acetate	12.142	43	40	3.176	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	42234	59.687	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42234	118.267	ug/l #	7

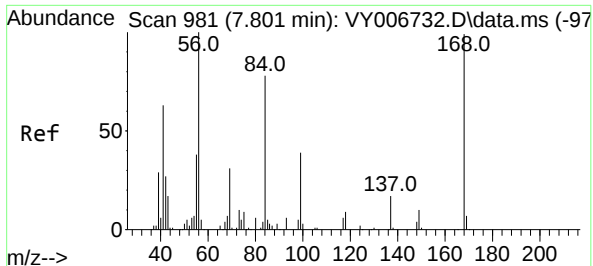
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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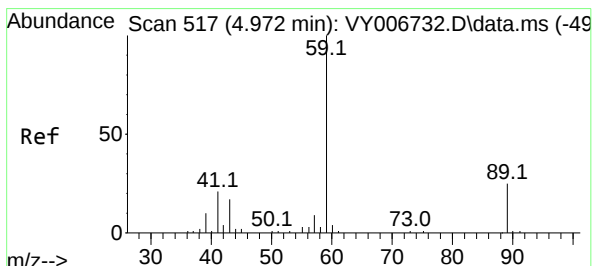
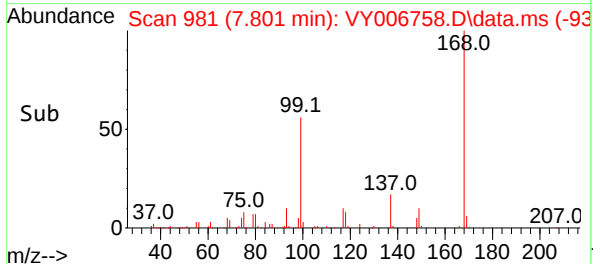
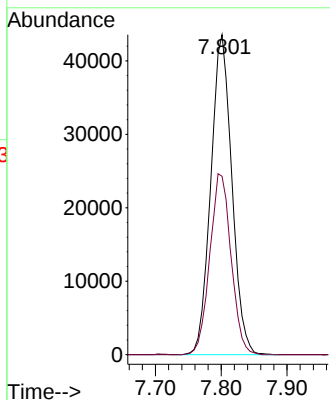
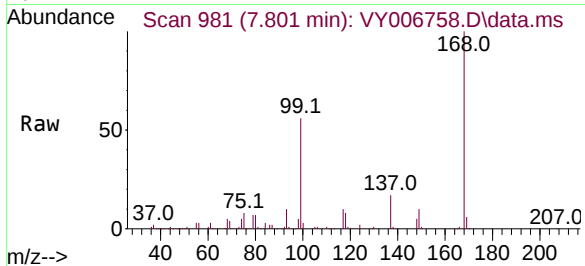




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006758.D
Acq: 16 Nov 2021 13:52

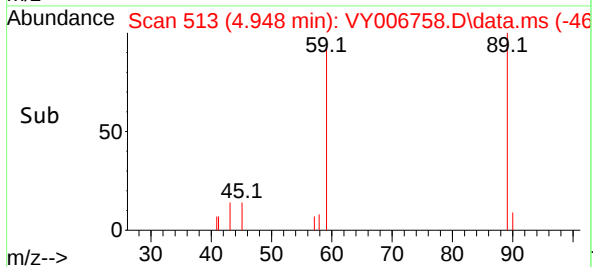
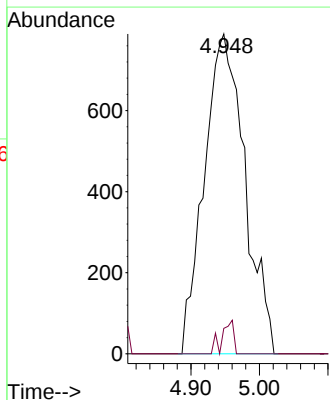
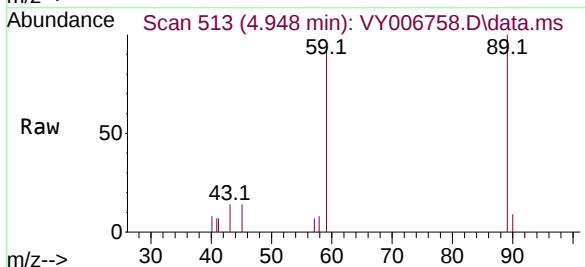
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE

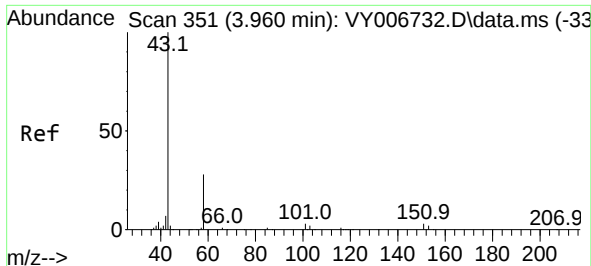
Tgt Ion:168 Resp: 97025
Ion Ratio Lower Upper
168 100
99 55.7 44.8 67.2



#11
Tert butyl alcohol
Concen: 16.958 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY006758.D
Acq: 16 Nov 2021 13:52

Tgt Ion: 59 Resp: 3243
Ion Ratio Lower Upper
59 100
57 3.0 8.2 12.4#





#16

Acetone

Concen: 6.339 ug/l

RT: 3.966 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY006758.D

Acq: 16 Nov 2021 13:52

Instrument :

MSVOA_Y

ClientSampleId :

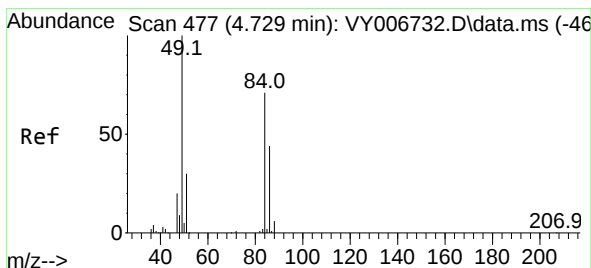
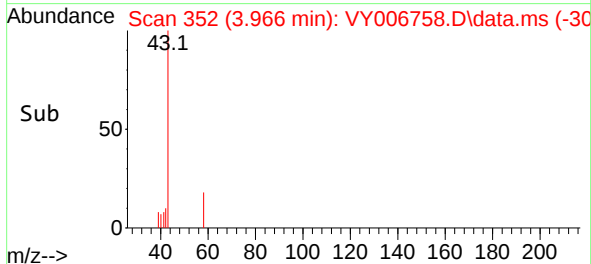
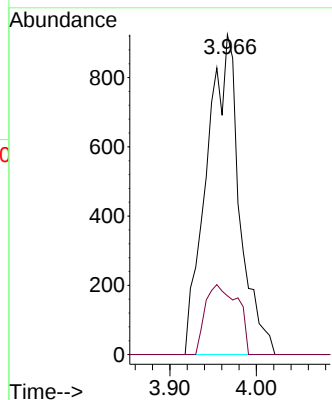
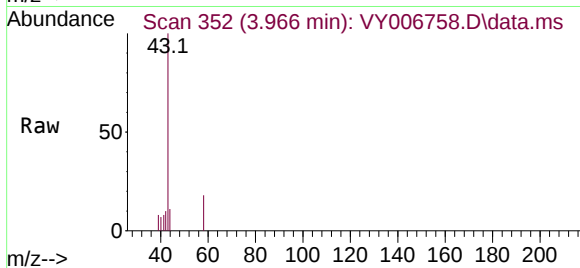
CONCRETE

Tgt Ion: 43 Resp: 2449

Ion Ratio Lower Upper

43 100

58 18.4 22.9 34.3#



#20

Methylene Chloride

Concen: 8.974 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY006758.D

Acq: 16 Nov 2021 13:52

Tgt Ion: 84 Resp: 13586

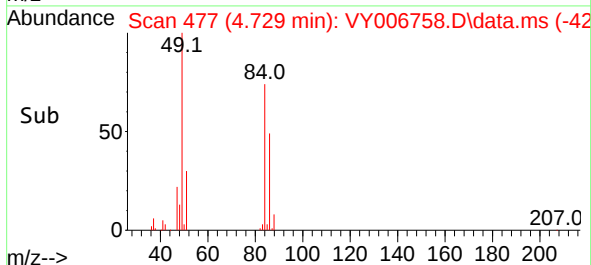
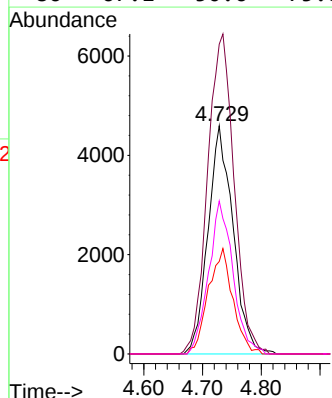
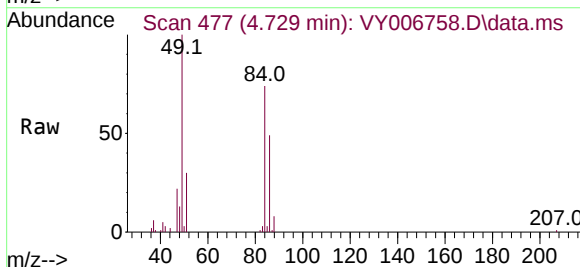
Ion Ratio Lower Upper

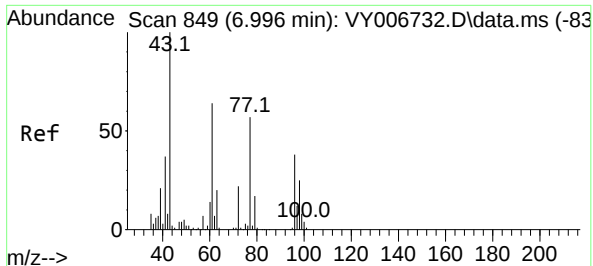
84 100

49 135.8 107.8 161.8

51 40.5 32.8 49.2

86 67.1 50.6 75.8





#25

2-Butanone

Concen: 14.031 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY006758.D

Acq: 16 Nov 2021 13:52

Instrument :

MSVOA_Y

ClientSampleId :

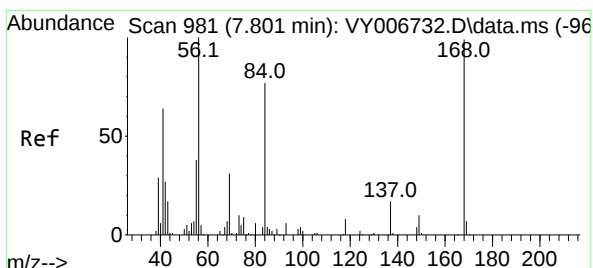
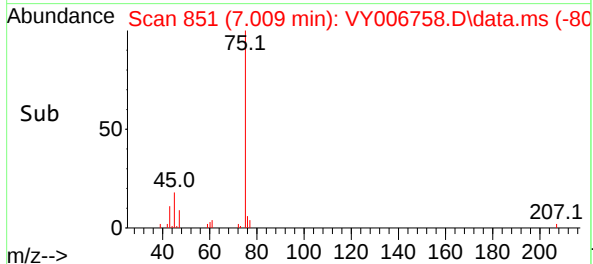
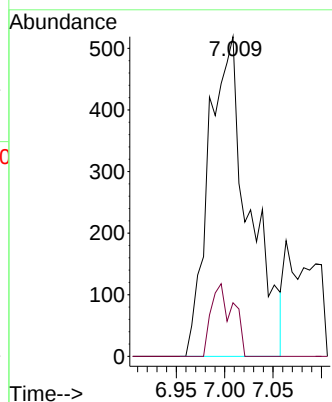
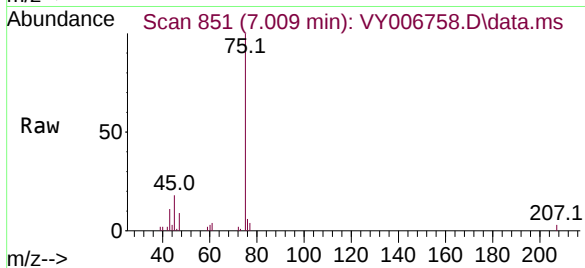
CONCRETE

Tgt Ion: 43 Resp: 1490

Ion Ratio Lower Upper

43 100

72 16.8 18.9 28.3#



#31

Cyclohexane

Concen: 1.197 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006758.D

Acq: 16 Nov 2021 13:52

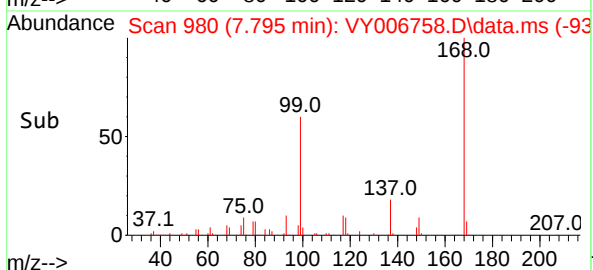
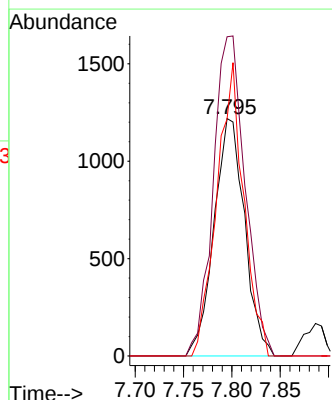
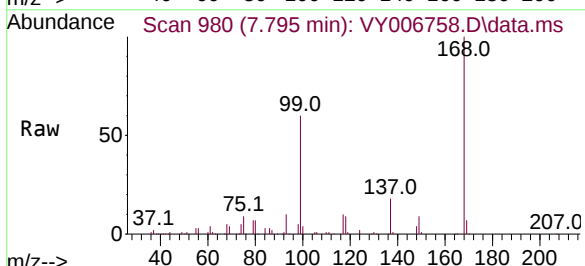
Tgt Ion: 56 Resp: 2676

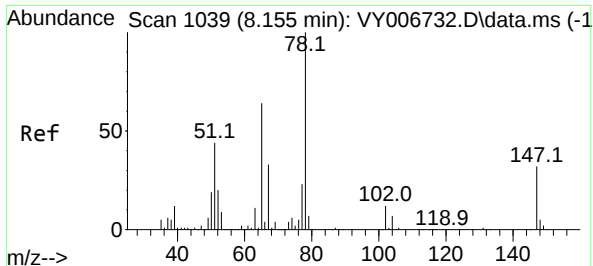
Ion Ratio Lower Upper

56 100

69 134.5 26.6 40.0#

84 99.8 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 60.104 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006758.D

Acq: 16 Nov 2021 13:52

Instrument :

MSVOA_Y

ClientSampleId :

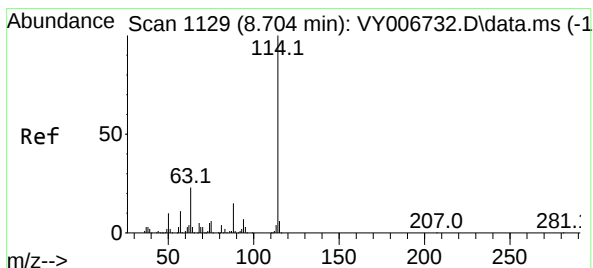
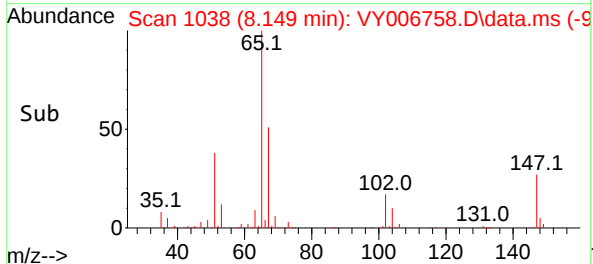
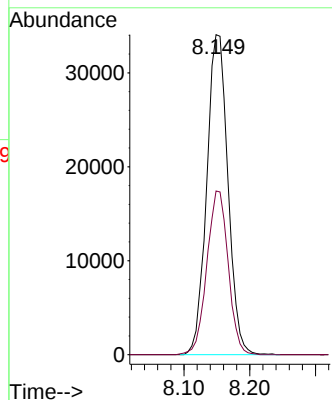
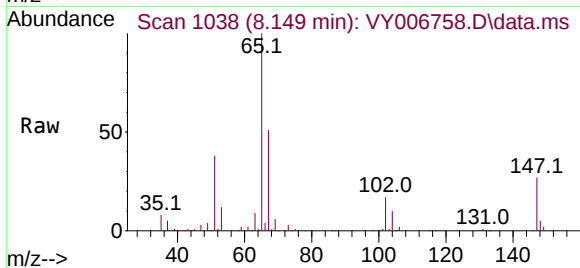
CONCRETE

Tgt Ion: 65 Resp: 76430

Ion Ratio Lower Upper

65 100

67 51.4 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006758.D

Acq: 16 Nov 2021 13:52

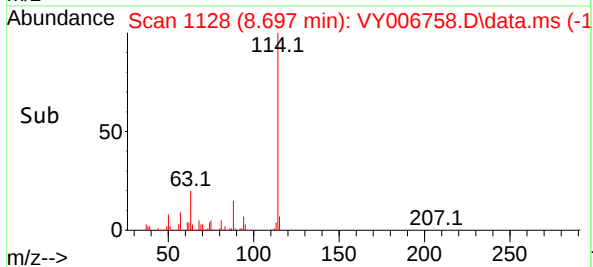
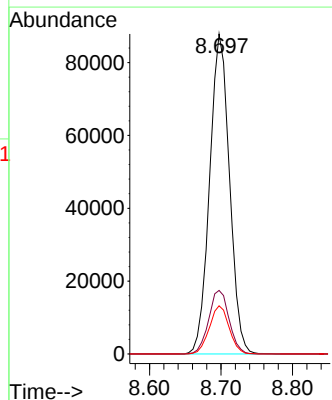
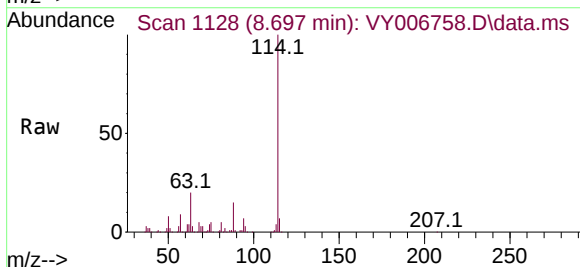
Tgt Ion: 114 Resp: 169359

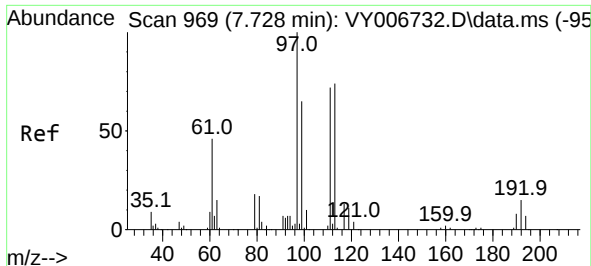
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.067 ug/l

RT: 7.728 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY006758.D

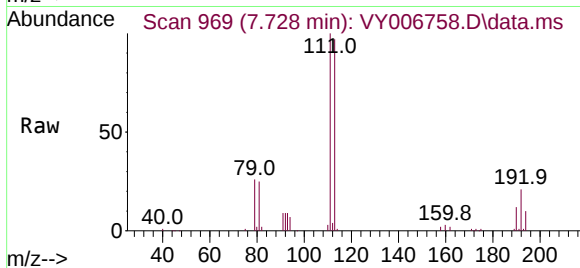
Acq: 16 Nov 2021 13:52

Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE



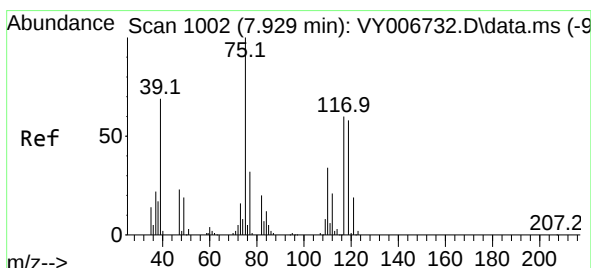
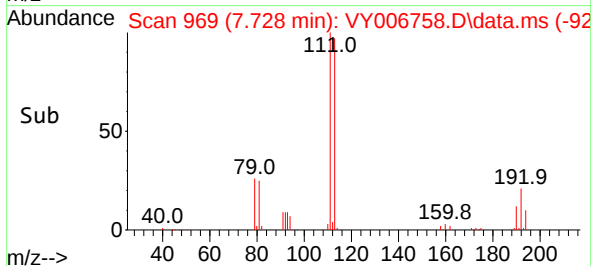
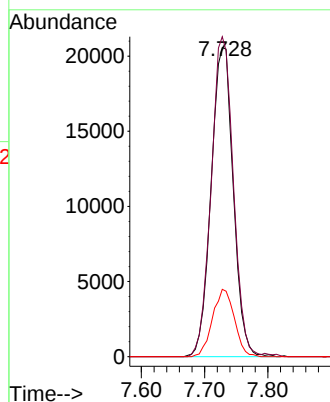
Tgt Ion:113 Resp: 50003

Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

192 21.5 17.4 26.2



#36

1,1-Dichloropropene

Concen: 4.592 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY006758.D

Acq: 16 Nov 2021 13:52

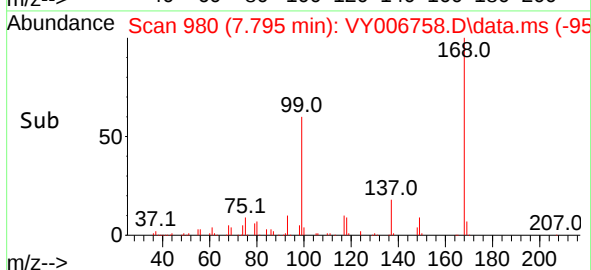
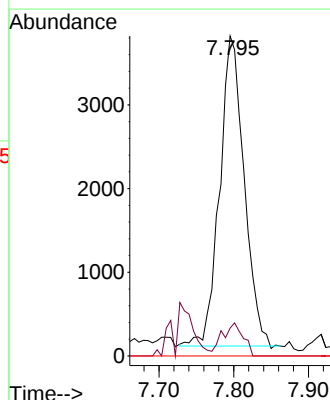
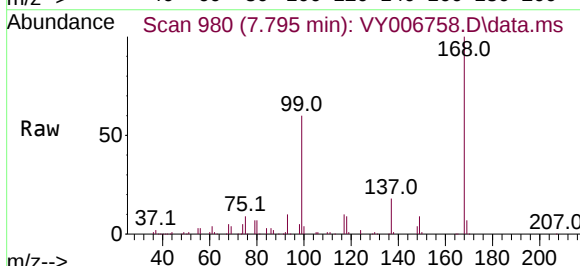
Tgt Ion: 75 Resp: 8454

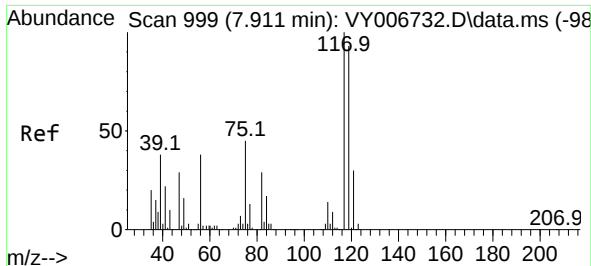
Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.3#

77 0.0 24.9 37.3#

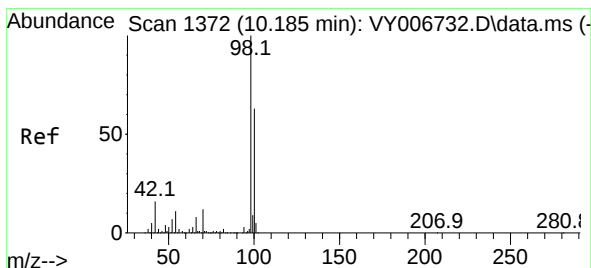
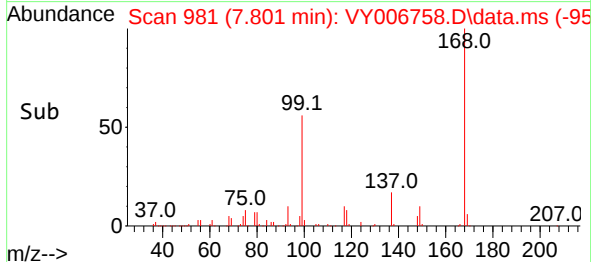
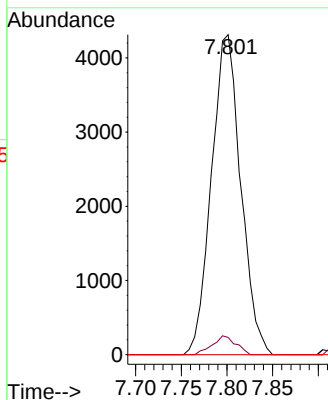
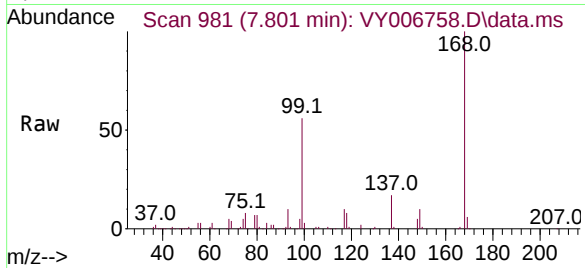




#38
Carbon Tetrachloride
Concen: 5.117 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006758.D
Acq: 16 Nov 2021 13:52

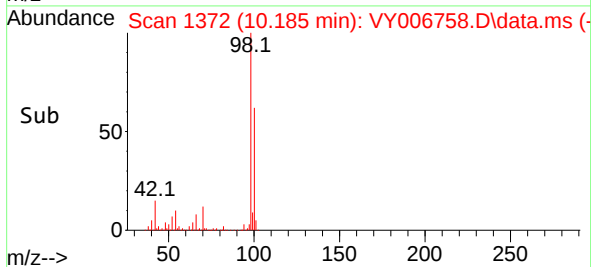
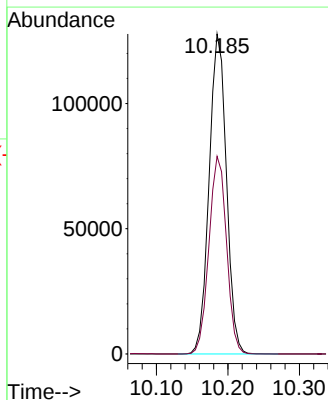
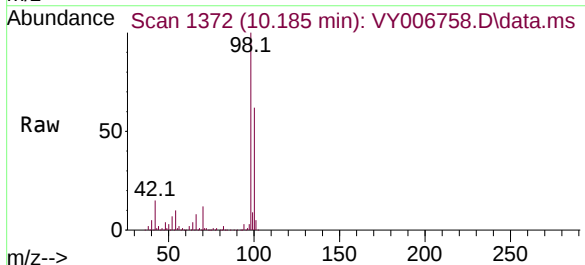
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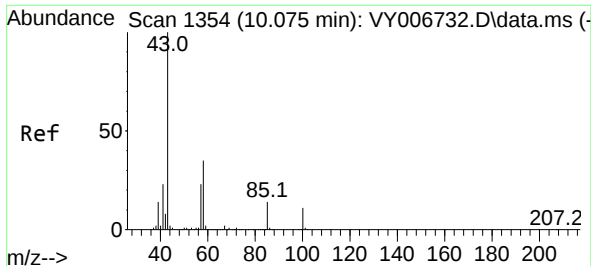
Tgt Ion:117 Resp: 9634
Ion Ratio Lower Upper
117 100
119 5.4 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.789 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006758.D
Acq: 16 Nov 2021 13:52

Tgt Ion: 98 Resp: 214330
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

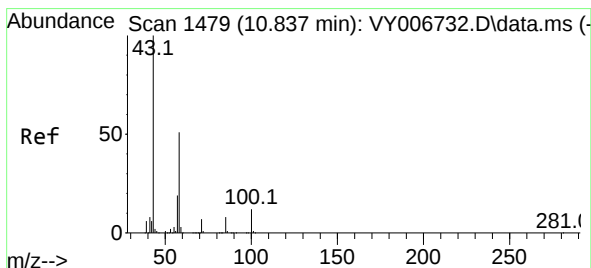
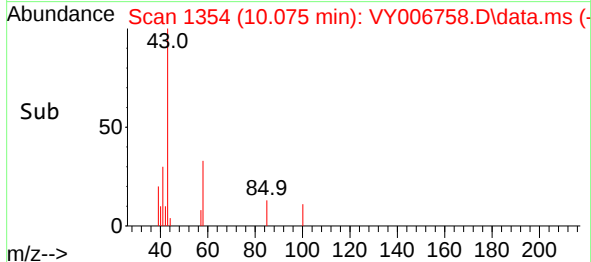
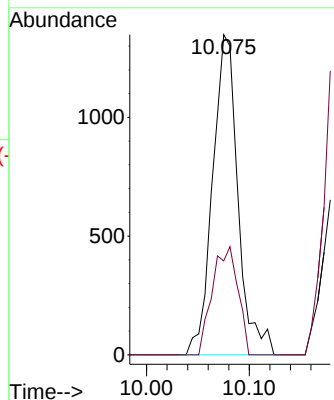
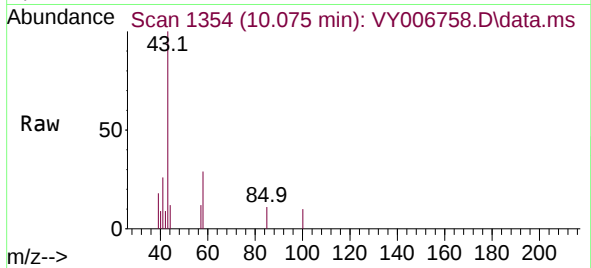




#51
4-Methyl-2-Pentanone
Concen: 1.899 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006758.D
Acq: 16 Nov 2021 13:52

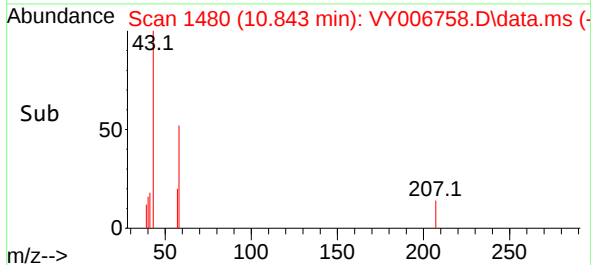
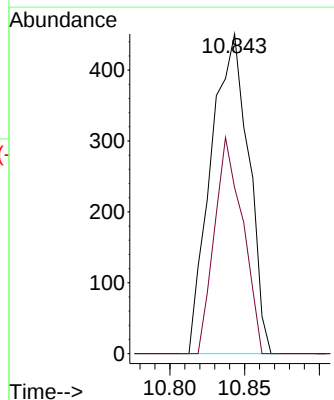
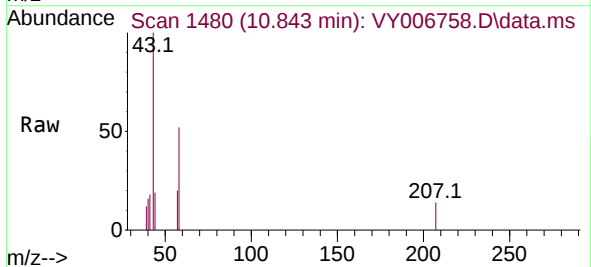
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE

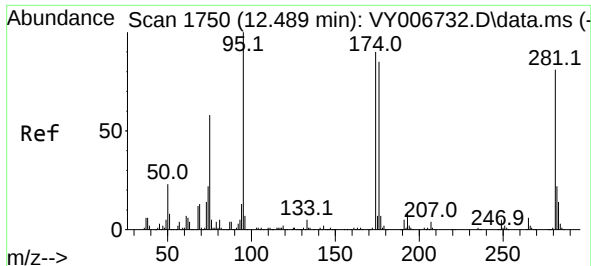
Tgt Ion: 43 Resp: 2310
Ion Ratio Lower Upper
43 100
58 34.0 28.7 43.1



#59
2-Hexanone
Concen: 24.619 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY006758.D
Acq: 16 Nov 2021 13:52

Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 50.6 24.6 73.6

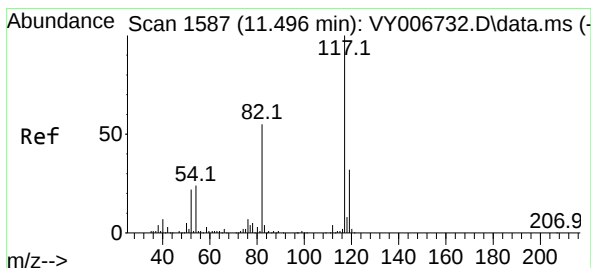
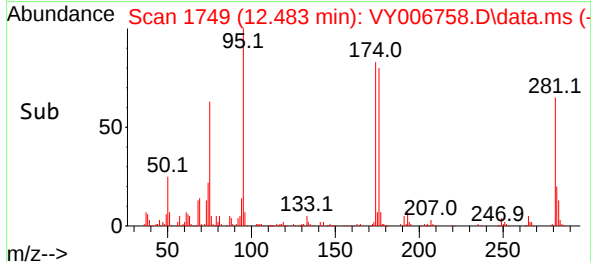
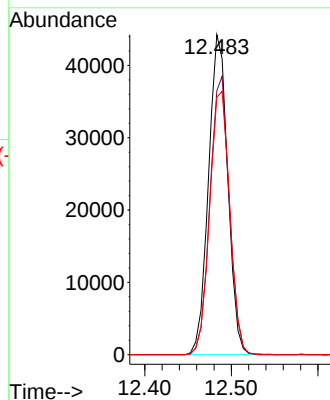
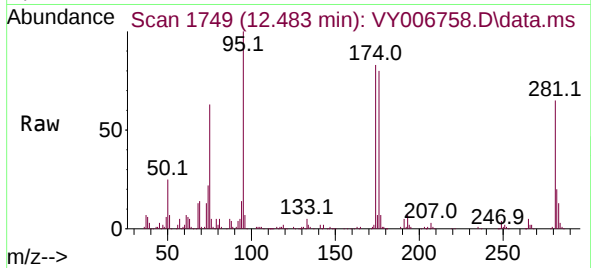




#62
4-Bromofluorobenzene
Concen: 47.061 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006758.D
Acq: 16 Nov 2021 13:52

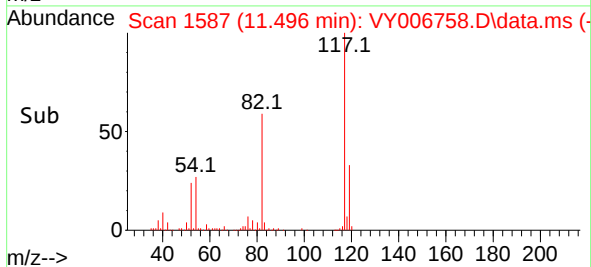
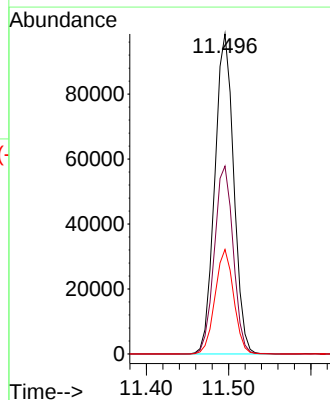
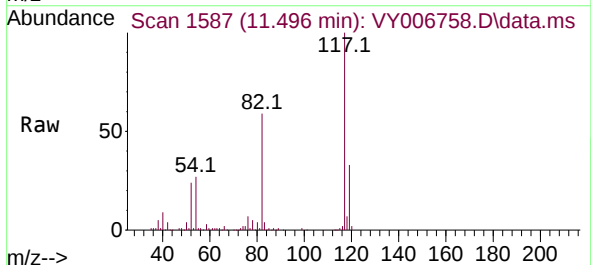
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE

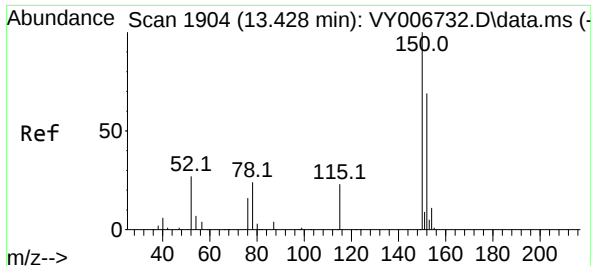
Tgt Ion: 95 Resp: 68297
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 85.6 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006758.D
Acq: 16 Nov 2021 13:52

Tgt Ion: 117 Resp: 157808
Ion Ratio Lower Upper
117 100
82 58.7 45.7 68.5
119 32.6 25.5 38.3

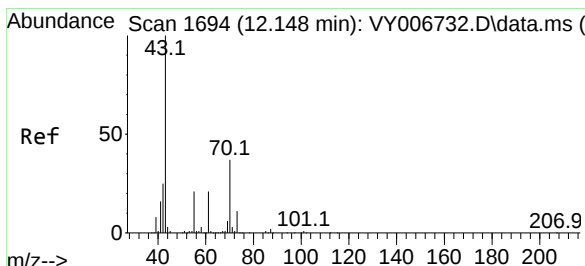
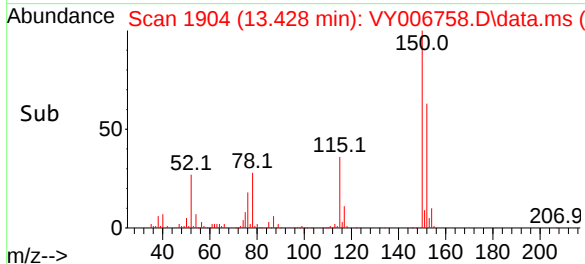
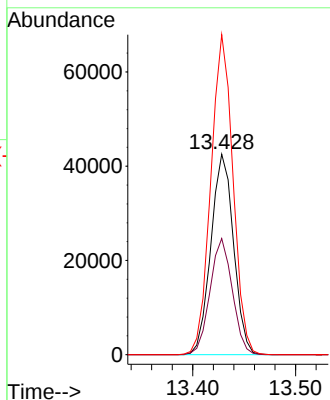
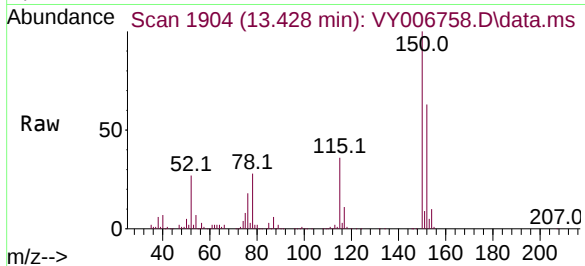




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006758.D
Acq: 16 Nov 2021 13:52

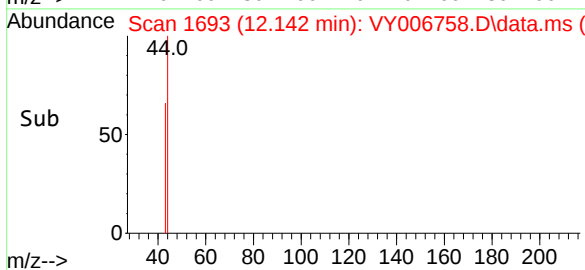
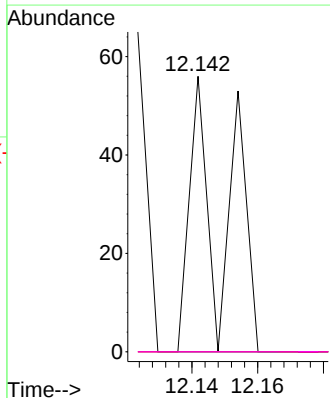
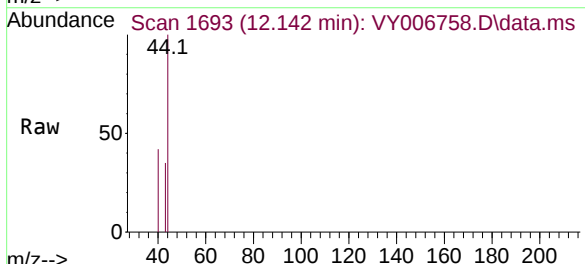
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE

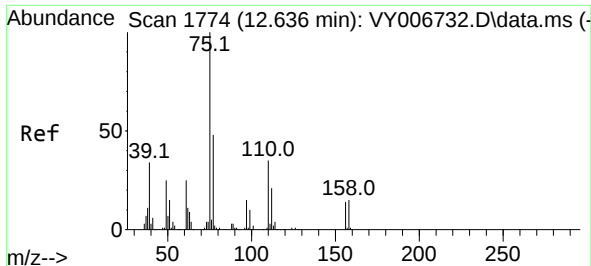
Tgt Ion:152 Resp: 65083
Ion Ratio Lower Upper
152 100
115 57.0 28.5 85.5
150 155.9 0.0 348.2



#74
N-ethyl acetate
Concen: 3.176 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY006758.D
Acq: 16 Nov 2021 13:52

Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 0.0 18.1 27.1#
61 0.0 17.6 26.4#

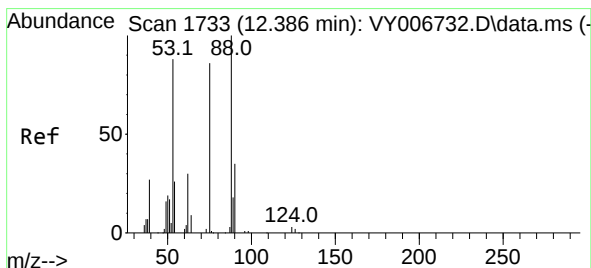
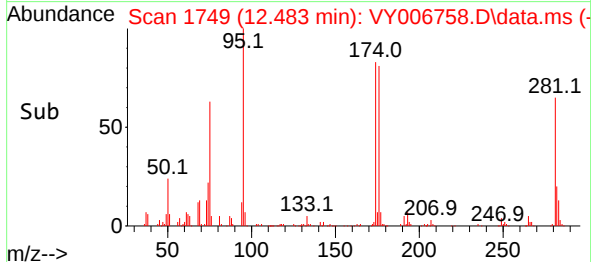
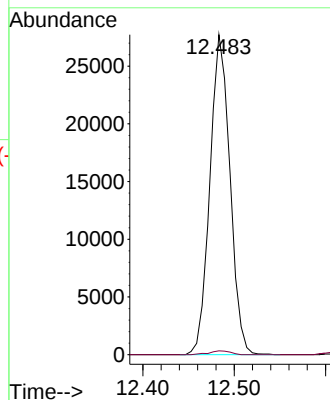
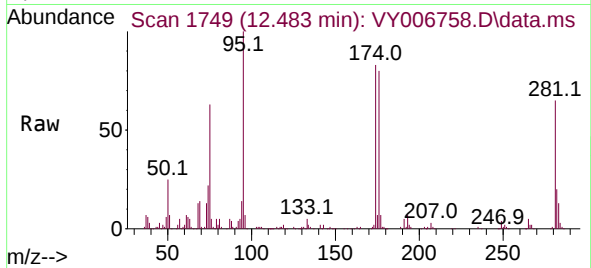




#76
1,2,3-Trichloropropane
Concen: 59.687 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006758.D
Acq: 16 Nov 2021 13:52

Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE

Tgt Ion: 75 Resp: 42234
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.267 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006758.D
Acq: 16 Nov 2021 13:52

Tgt Ion: 75 Resp: 42234
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 1.0 39.3 58.9#

