

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007229.D
 Acq On : 19 Jan 2022 18:39
 Operator : SY/MD
 Sample : N1189-09
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-5

Quant Time: Jan 20 00:17:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

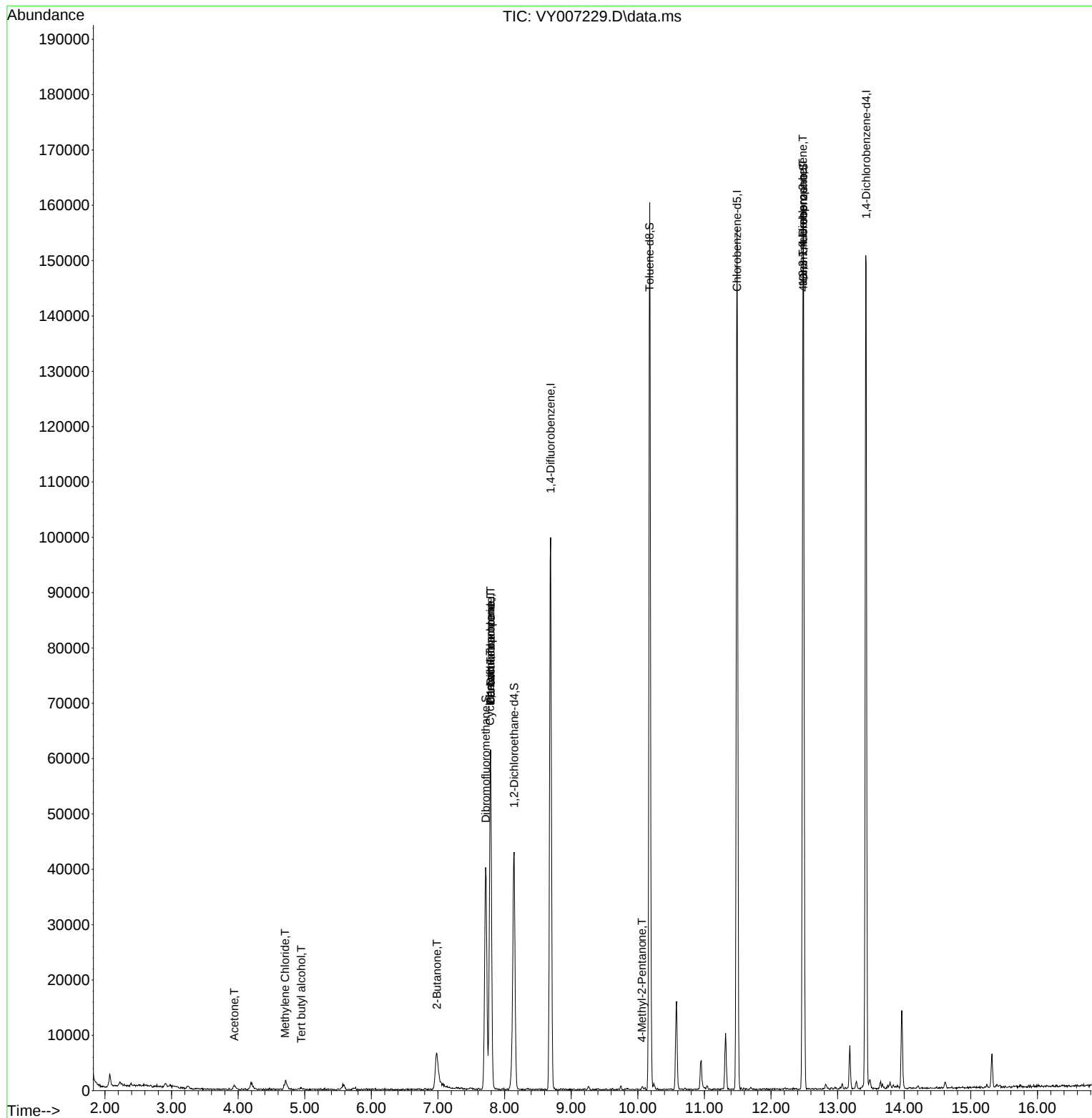
Internal Standards						
1) Pentafluorobenzene	7.789	168	44402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	83471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	81479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	32230	59.157	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.320%	
35) Dibromofluoromethane	7.716	113	28902	51.207	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.420%	
50) Toluene-d8	10.179	98	101278	49.108	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.220%	
62) 4-Bromofluorobenzene	12.483	95	39339	53.624	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	612	8.525	ug/l #	73
16) Acetone	3.942	43	1505	10.644	ug/l #	86
20) Methylene Chloride	4.704	84	1092	1.868	ug/l #	80
25) 2-Butanone	6.984	43	1142	6.247	ug/l #	87
31) Cyclohexane	7.783	56	1146	1.244	ug/l #	54
36) 1,1-Dichloropropene	7.789	75	4096	4.544	ug/l #	48
38) Carbon Tetrachloride	7.789	117	4723	4.981	ug/l #	15
51) 4-Methyl-2-Pentanone	10.063	43	511	1.120	ug/l #	74
76) 1,2,3-Trichloropropane	12.477	75	21910	53.233	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	21910	97.454	ug/l #	3

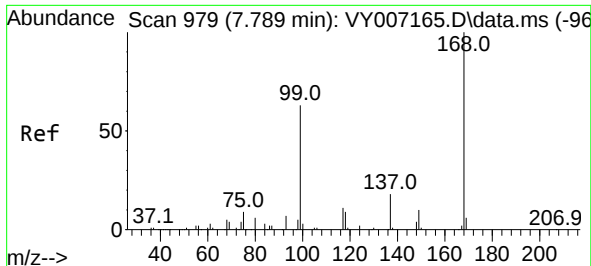
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
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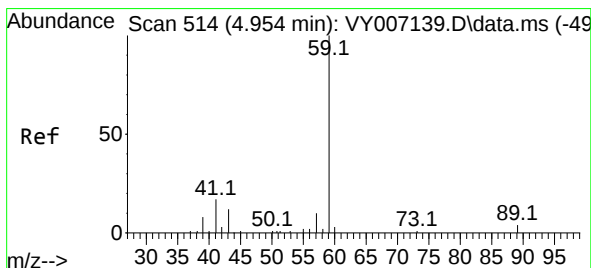
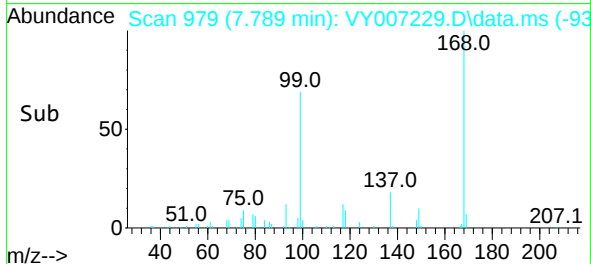
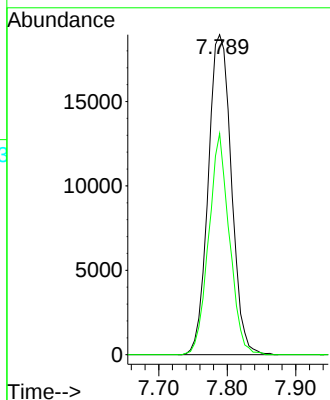
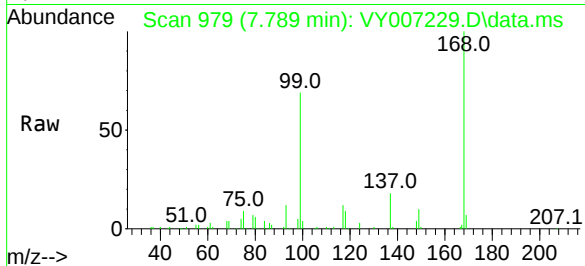




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

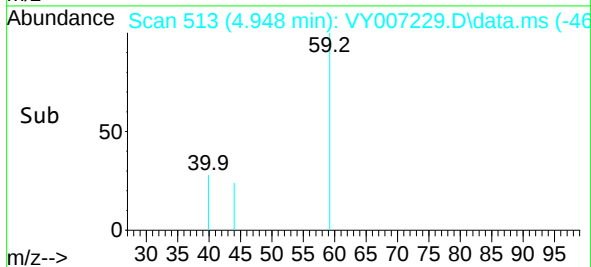
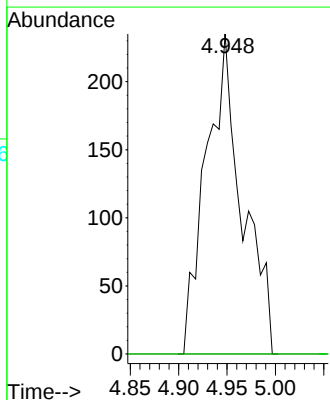
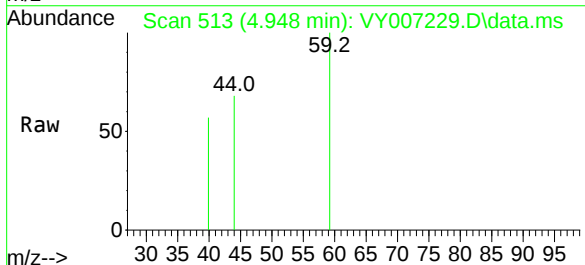
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-5

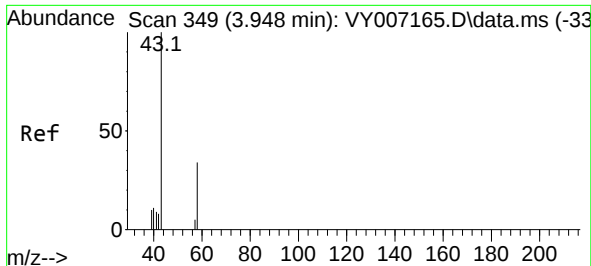
Tgt Ion:168 Resp: 44402
Ion Ratio Lower Upper
168 100
99 69.1 49.1 73.7



#11
Tert butyl alcohol
Concen: 8.525 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

Tgt Ion: 59 Resp: 612
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 10.644 ug/l

RT: 3.942 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY007229.D

Acq: 19 Jan 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

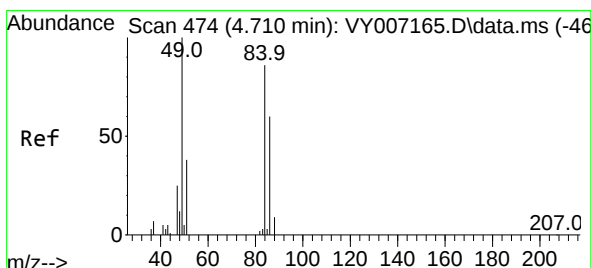
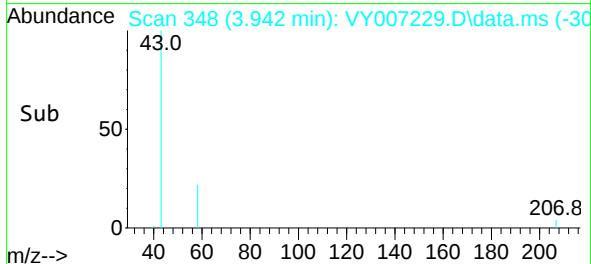
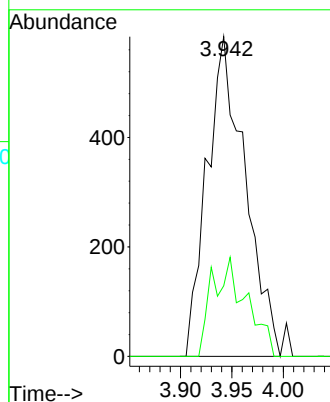
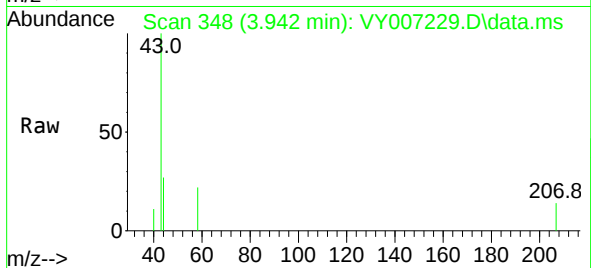
MTR-SOIL-5

Tgt Ion: 43 Resp: 1505

Ion Ratio Lower Upper

43 100

58 22.1 23.8 35.6#



#20

Methylene Chloride

Concen: 1.868 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY007229.D

Acq: 19 Jan 2022 18:39

Tgt Ion: 84 Resp: 1092

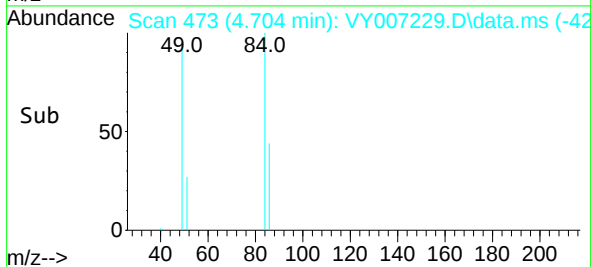
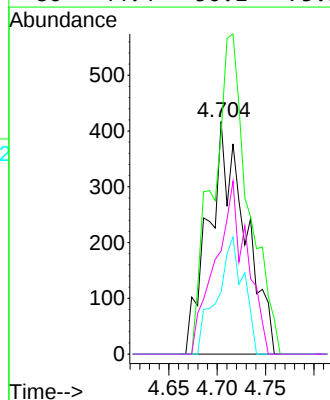
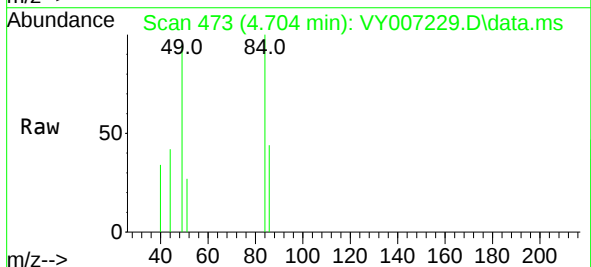
Ion Ratio Lower Upper

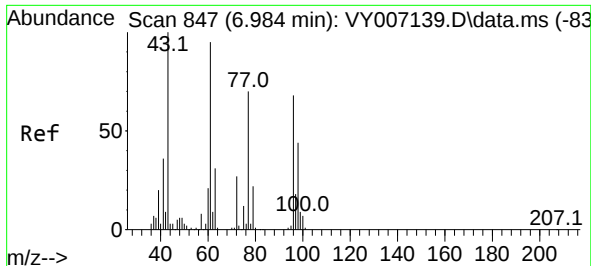
84 100

49 95.0 92.6 139.0

51 26.9 28.6 42.8#

86 44.4 50.1 75.1#

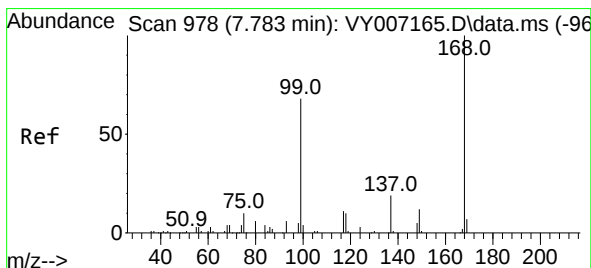
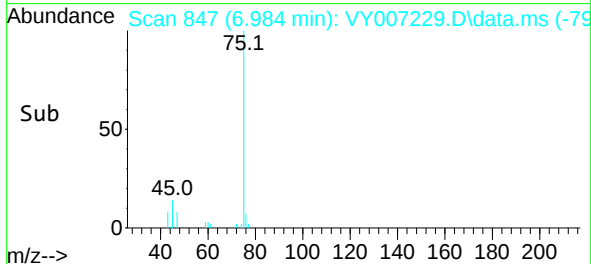
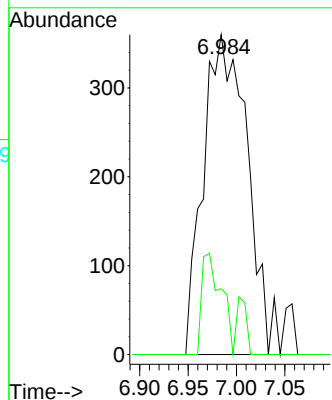
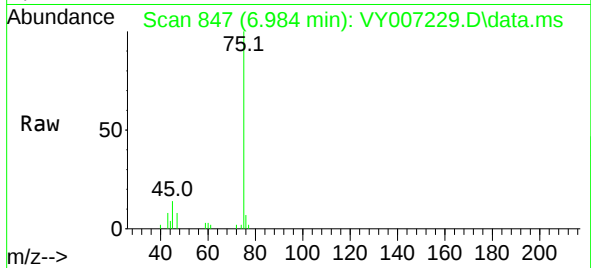




#25
2-Butanone
Concen: 6.247 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

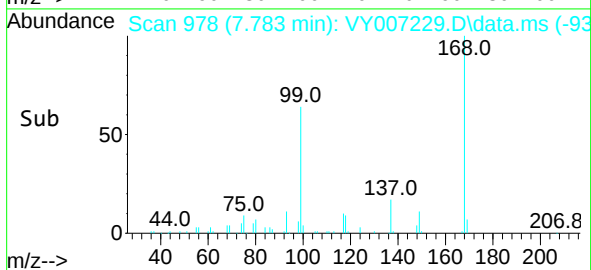
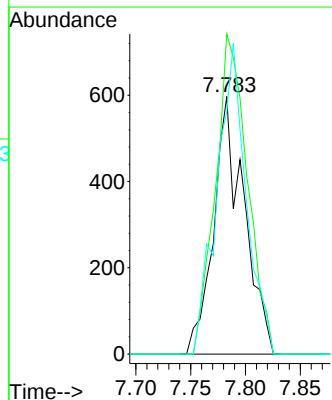
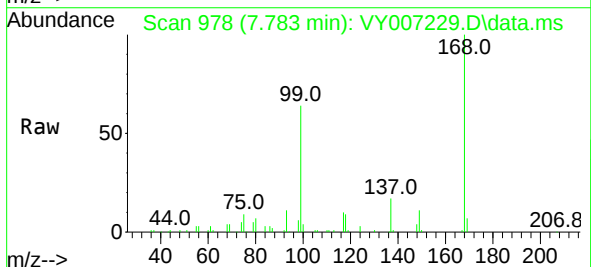
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-5

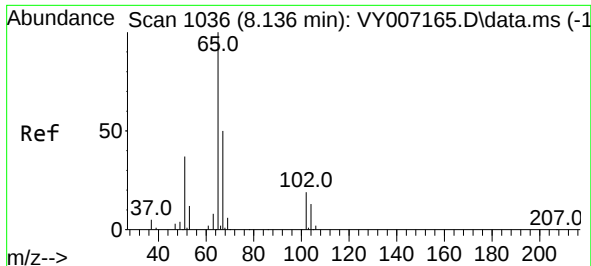
Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
72 20.6 21.9 32.9#



#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

Tgt Ion: 56 Resp: 1146
Ion Ratio Lower Upper
56 100
69 124.3 27.2 40.8#
84 94.1 72.1 108.1





#33

1,2-Dichloroethane-d4

Concen: 59.157 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY007229.D

Acq: 19 Jan 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

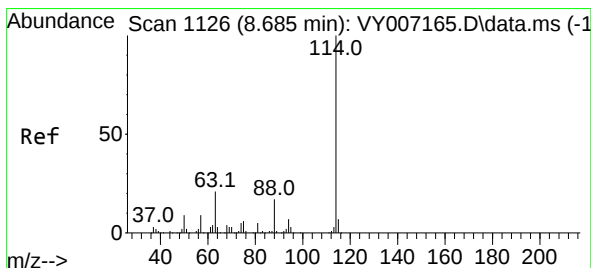
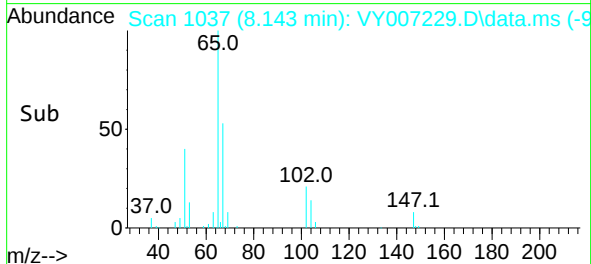
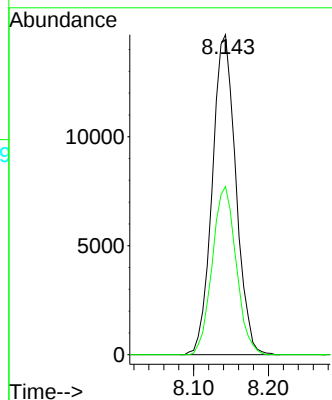
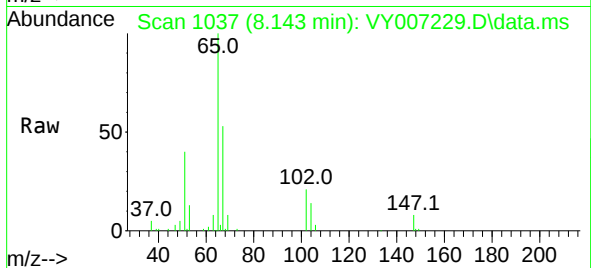
MTR-SOIL-5

Tgt Ion: 65 Resp: 32230

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007229.D

Acq: 19 Jan 2022 18:39

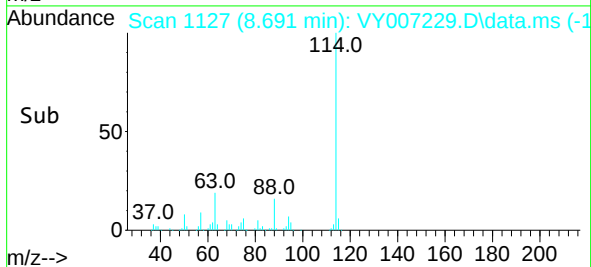
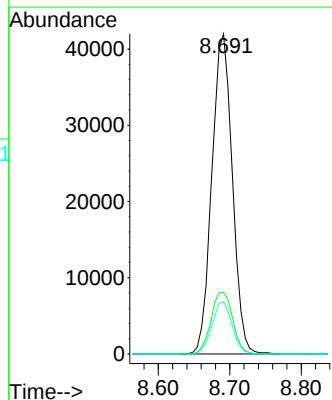
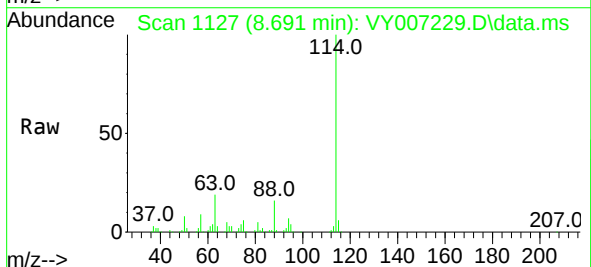
Tgt Ion: 114 Resp: 83471

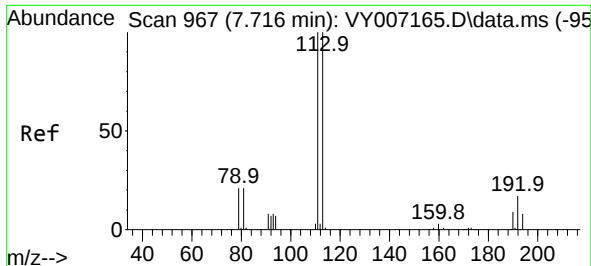
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

88 16.3 0.0 31.0

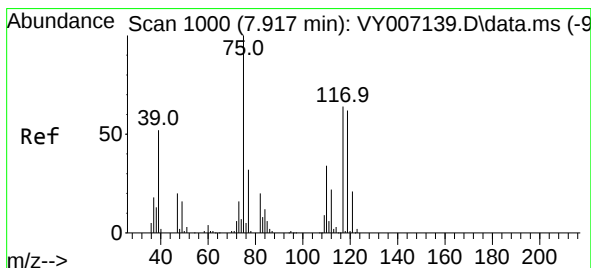
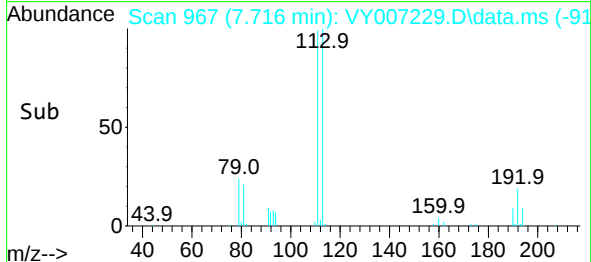
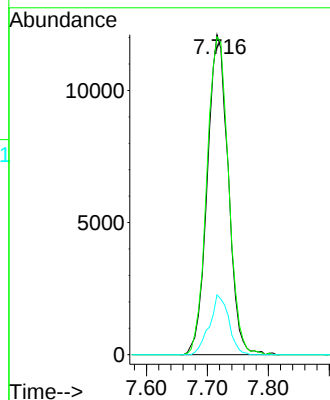
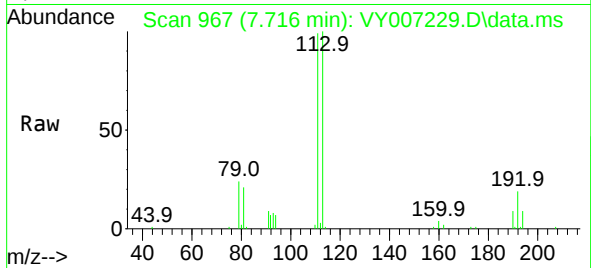




#35
Dibromofluoromethane
Concen: 51.207 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

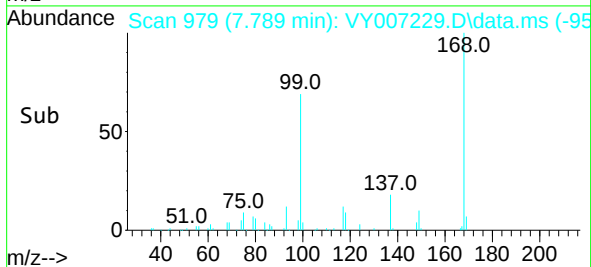
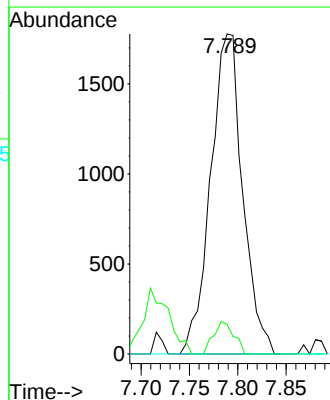
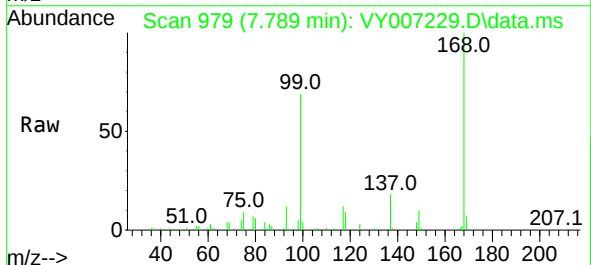
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-5

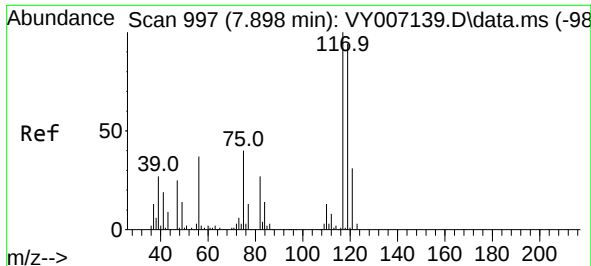
Tgt Ion:113 Resp: 28902
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.2 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.544 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

Tgt Ion: 75 Resp: 4096
Ion Ratio Lower Upper
75 100
110 6.4 17.3 51.9#
77 0.0 24.7 37.1#

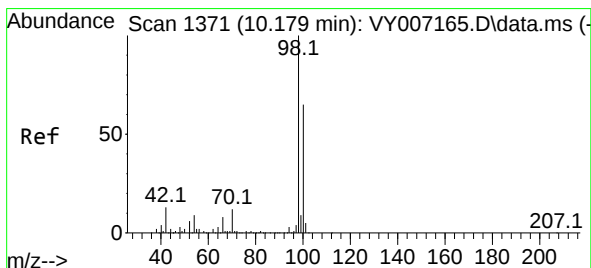
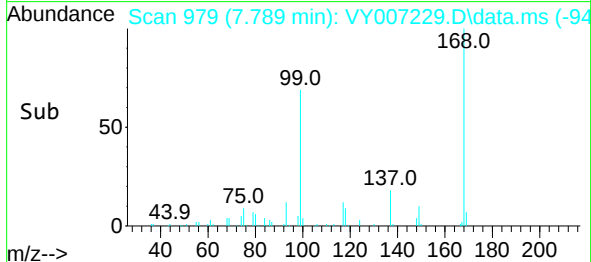
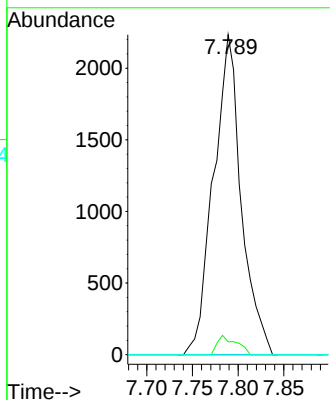
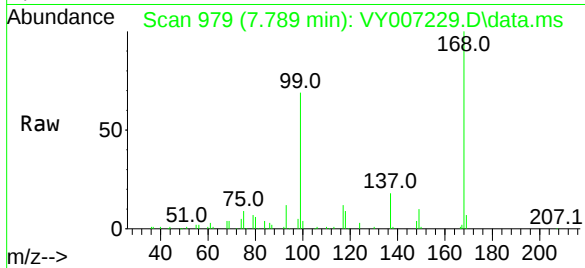




#38
Carbon Tetrachloride
Concen: 4.981 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

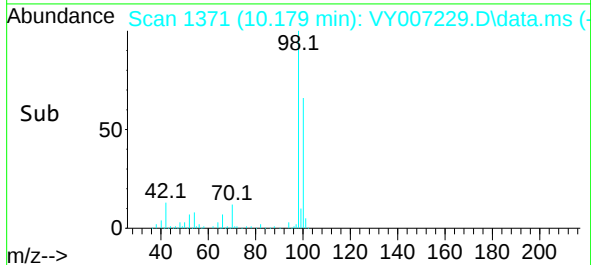
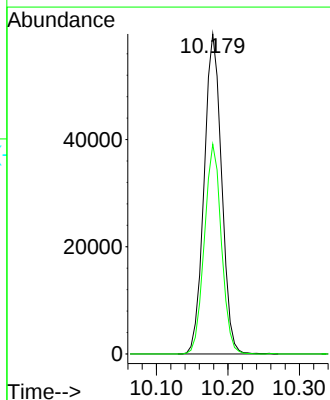
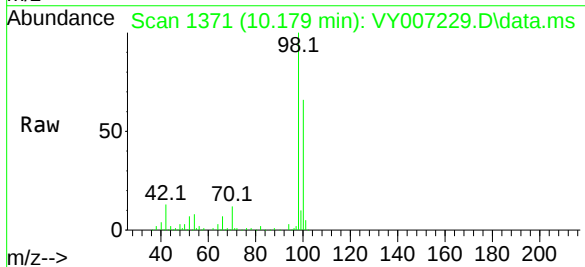
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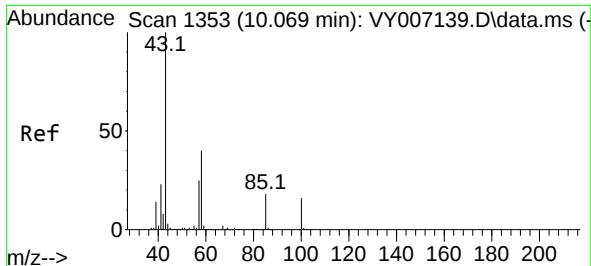
Tgt Ion:117 Resp: 4723
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.108 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

Tgt Ion: 98 Resp: 101278
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2

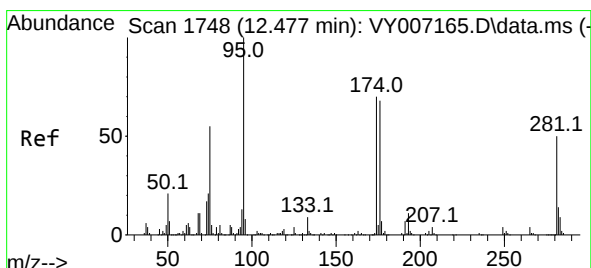
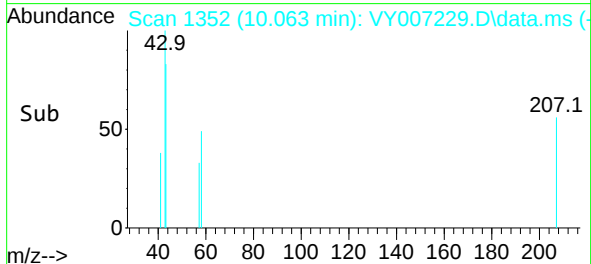
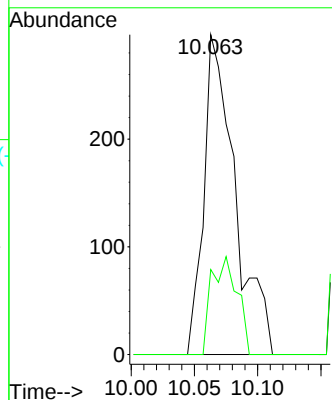
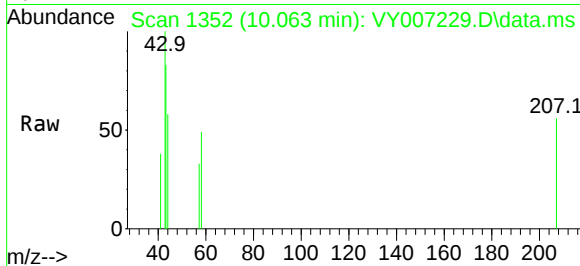




#51
4-Methyl-2-Pentanone
Concen: 1.120 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

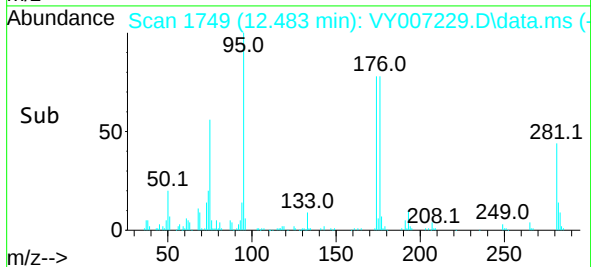
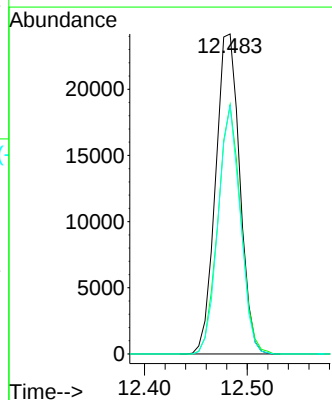
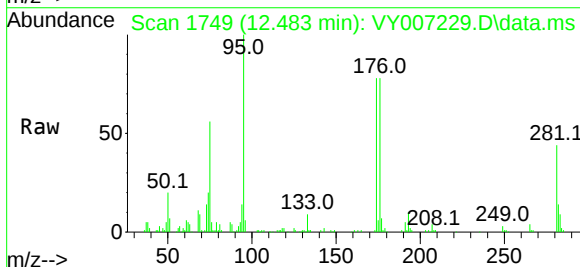
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-5

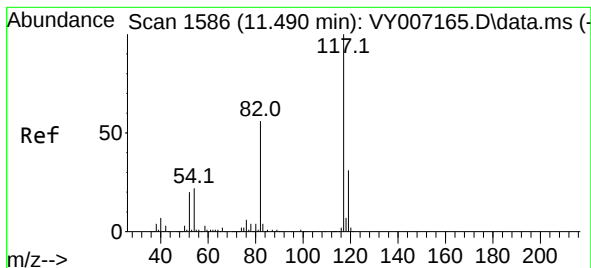
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
58 25.0 32.8 49.2#



#62
4-Bromofluorobenzene
Concen: 53.624 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

Tgt Ion: 95 Resp: 39339
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.4
176 71.1 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007229.D

Acq: 19 Jan 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

MTR-SOIL-5

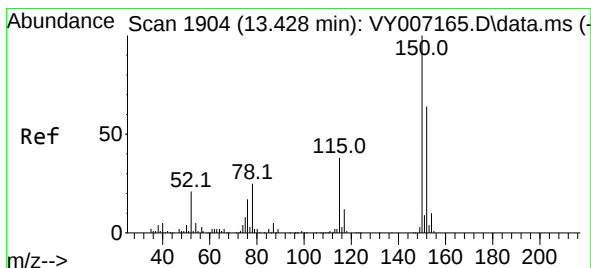
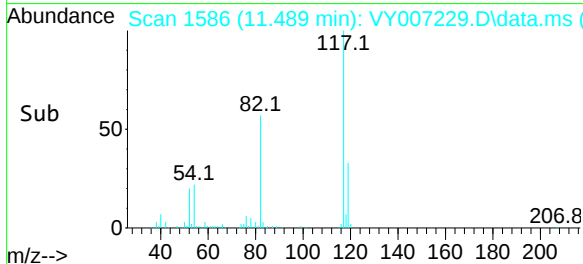
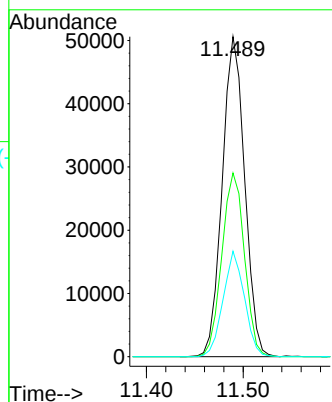
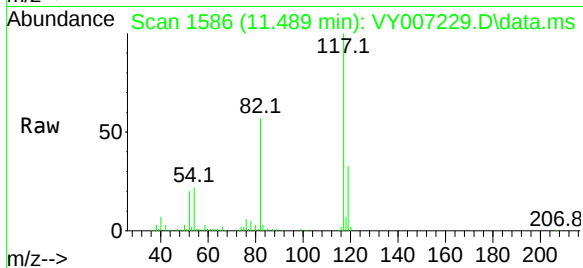
Tgt Ion:117 Resp: 81479

Ion Ratio Lower Upper

117 100

82 57.4 45.4 68.0

119 32.9 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007229.D

Acq: 19 Jan 2022 18:39

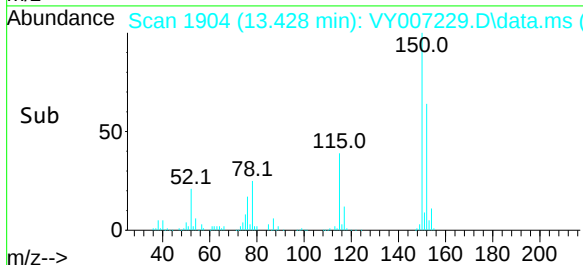
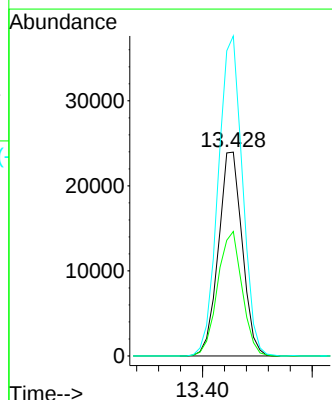
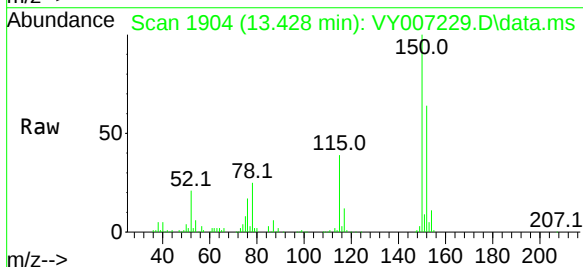
Tgt Ion:152 Resp: 36096

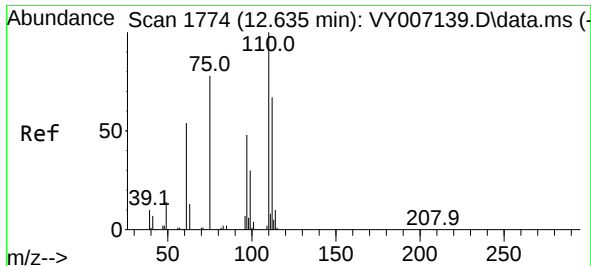
Ion Ratio Lower Upper

152 100

115 62.8 31.4 94.0

150 159.9 0.0 348.4

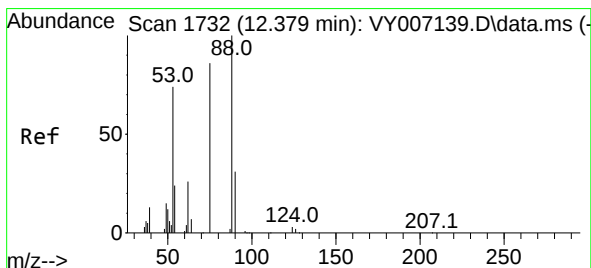
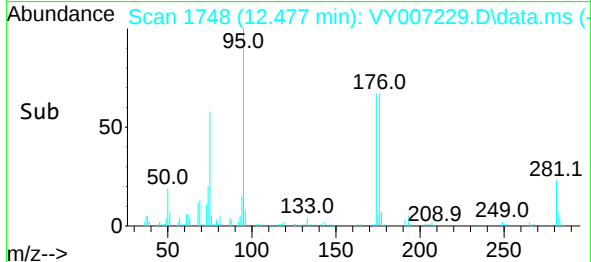
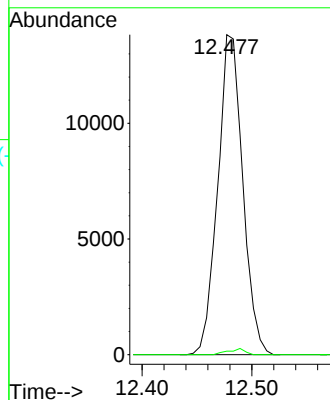
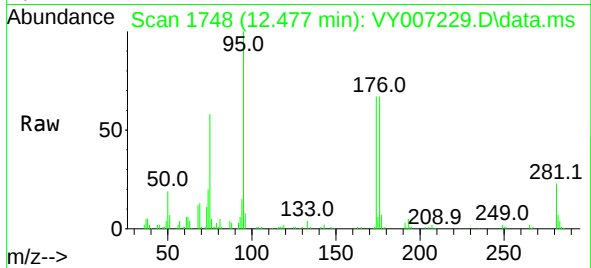




#76
1,2,3-Trichloropropane
Concen: 53.233 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-5

Tgt Ion: 75 Resp: 21910
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.454 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

Tgt Ion: 75 Resp: 21910
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.8 0.0 0.0#

