

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012022\
 Data File : VY007242.D
 Acq On : 20 Jan 2022 12:30
 Operator : SY/MD
 Sample : N1189-09
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-5

Quant Time: Jan 21 00:46:32 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)

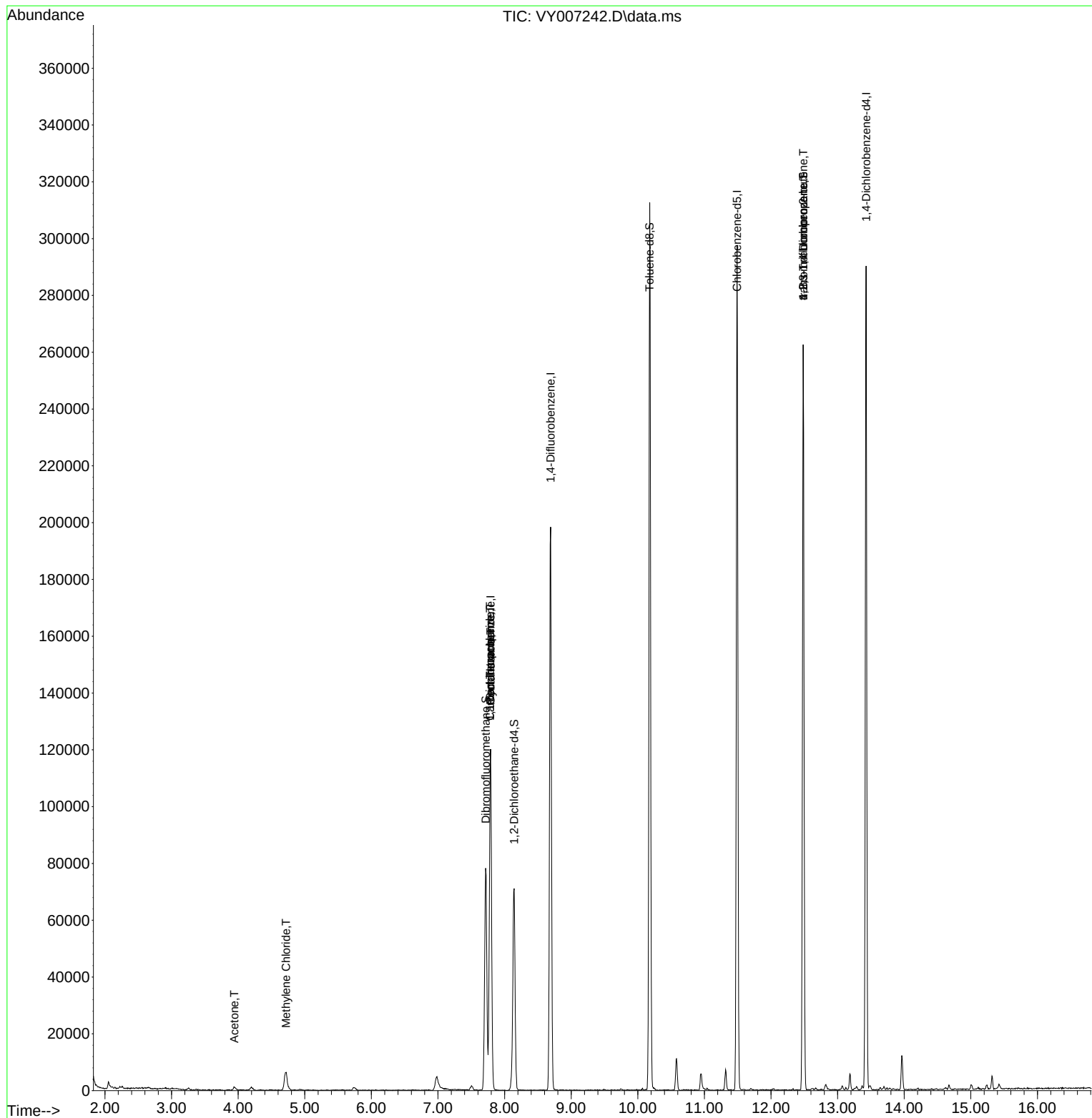
Internal Standards						
1) Pentafluorobenzene	7.789	168	87650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	154192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56861	52.871	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.740%	
35) Dibromofluoromethane	7.716	113	54391	48.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.360%	
50) Toluene-d8	10.179	98	201005	49.239	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.480%	
62) 4-Bromofluorobenzene	12.483	95	71041	48.923	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.840%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	1979	7.090	ug/l	89
20) Methylene Chloride	4.716	84	5091	4.411	ug/l	92
31) Cyclohexane	7.789	56	2076	1.142	ug/l #	5
36) 1,1-Dichloropropene	7.783	75	8178	4.583	ug/l #	50
38) Carbon Tetrachloride	7.783	117	9842	5.244	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	39986	51.705	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39986	94.658	ug/l #	3

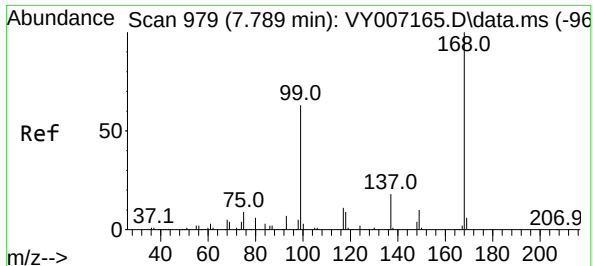
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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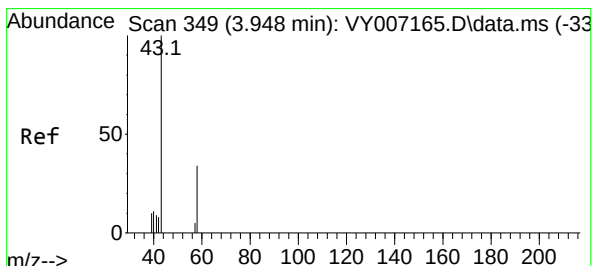
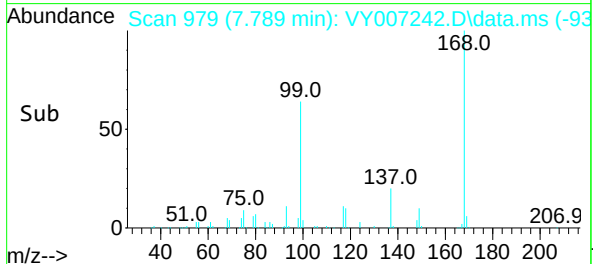
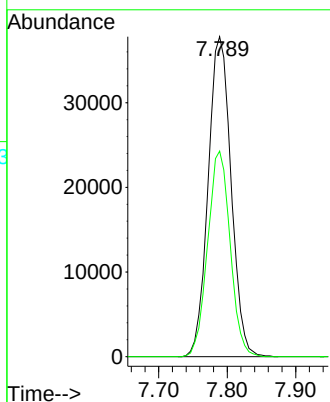
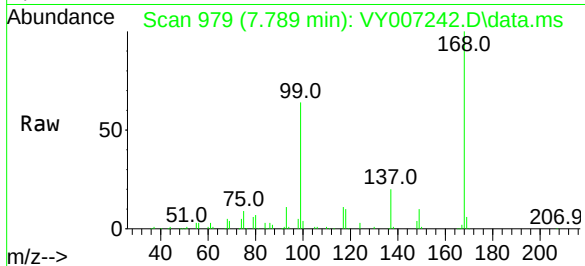




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007242.D
Acq: 20 Jan 2022 12:30

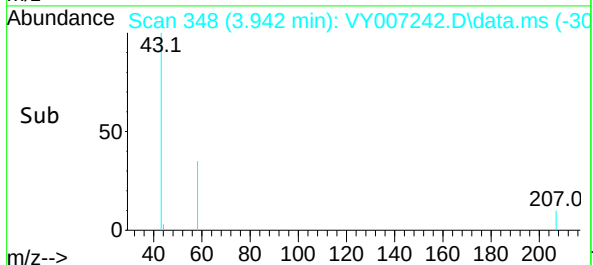
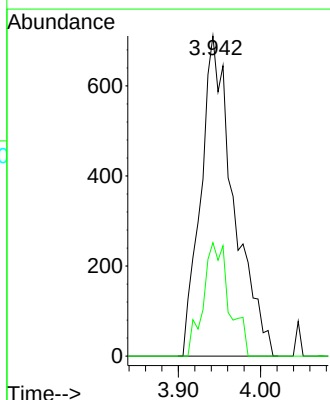
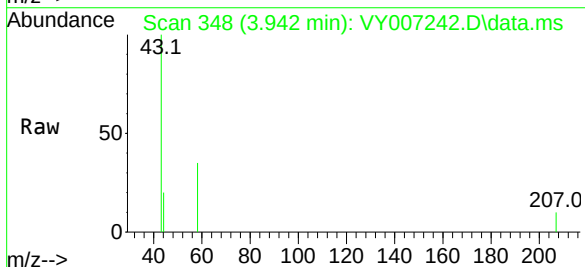
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-5

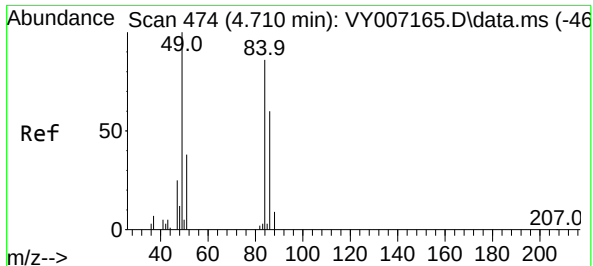
Tgt Ion:168 Resp: 87650
Ion Ratio Lower Upper
168 100
99 64.2 49.1 73.7



#16
Acetone
Concen: 7.090 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007242.D
Acq: 20 Jan 2022 12:30

Tgt Ion: 43 Resp: 1979
Ion Ratio Lower Upper
43 100
58 35.4 23.8 35.6





#20

Methylene Chloride

Concen: 4.411 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.007 min

Lab File: VY007242.D

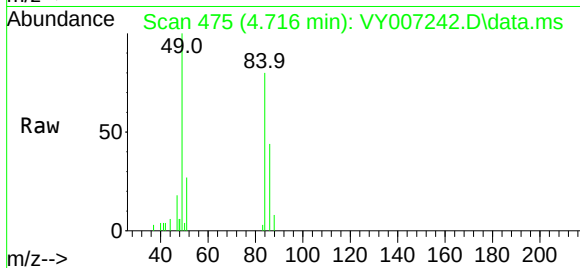
Acq: 20 Jan 2022 12:30

Instrument :

MSVOA_Y

ClientSampleId :

MTR-SOIL-5



Tgt Ion: 84 Resp: 5091

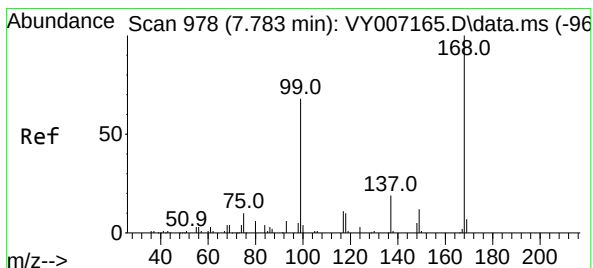
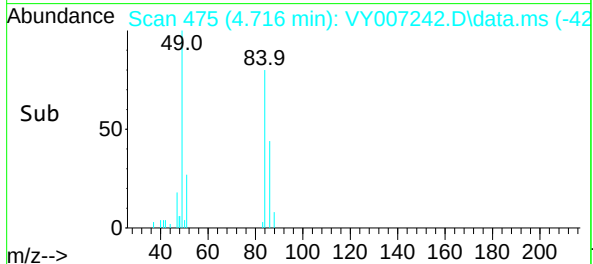
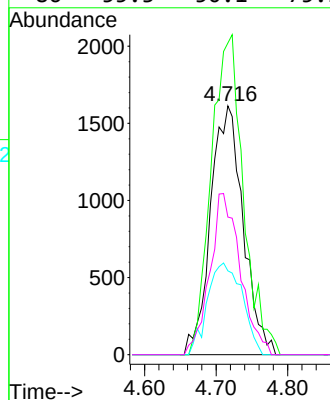
Ion Ratio Lower Upper

84 100

49 125.3 92.6 139.0

51 33.7 28.6 42.8

86 55.3 50.1 75.1



#31

Cyclohexane

Concen: 1.142 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY007242.D

Acq: 20 Jan 2022 12:30

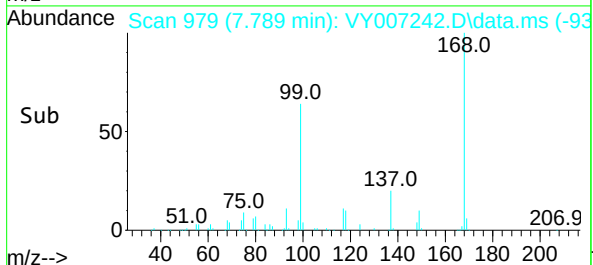
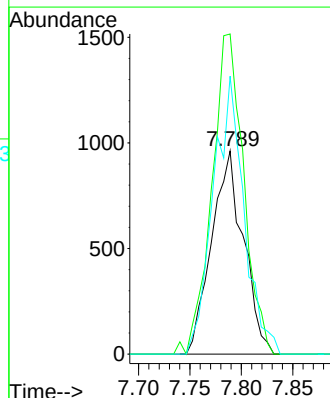
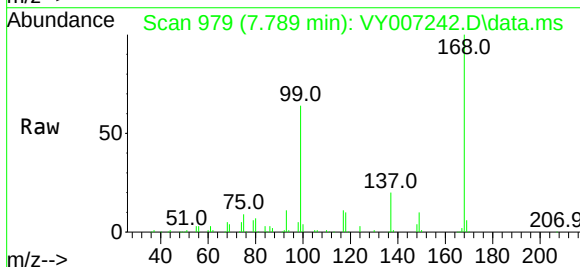
Tgt Ion: 56 Resp: 2076

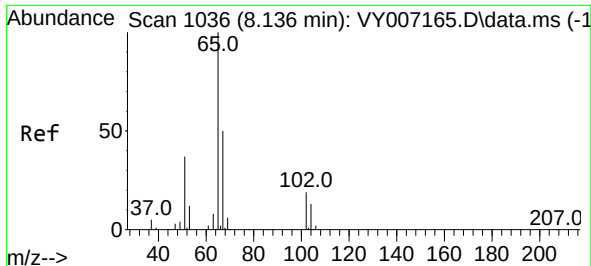
Ion Ratio Lower Upper

56 100

69 157.6 27.2 40.8#

84 136.8 72.1 108.1#

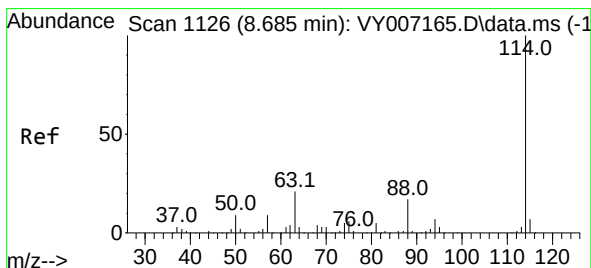
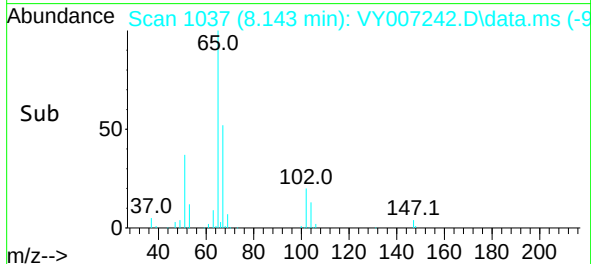
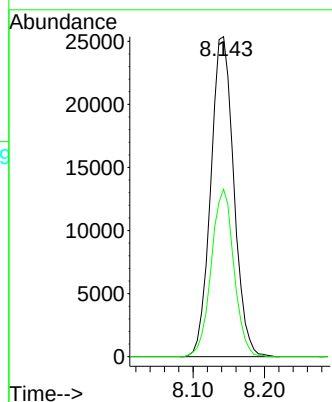
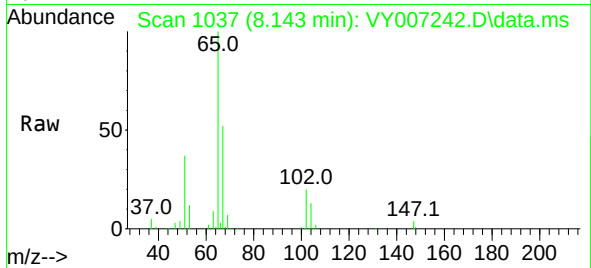




#33
 1,2-Dichloroethane-d4
 Concen: 52.871 ug/l
 RT: 8.143 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY007242.D
 Acq: 20 Jan 2022 12:30

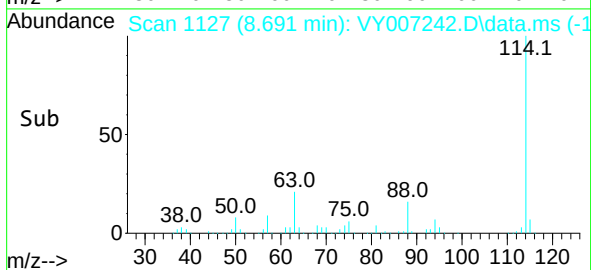
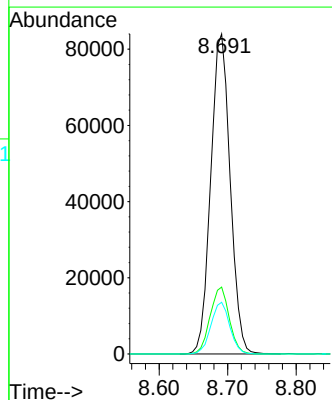
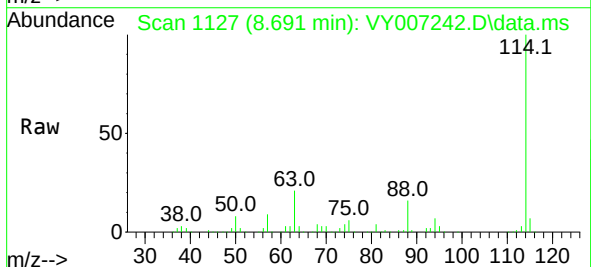
Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-5

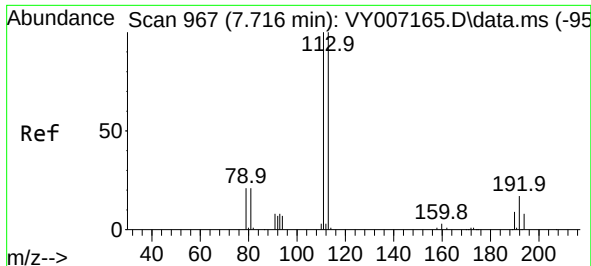
Tgt Ion: 65 Resp: 56861
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007242.D
 Acq: 20 Jan 2022 12:30

Tgt Ion: 114 Resp: 165222
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.2
 88 16.2 0.0 31.0

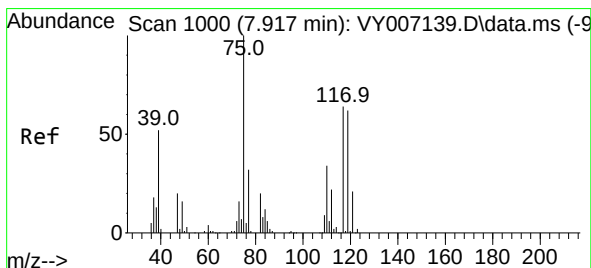
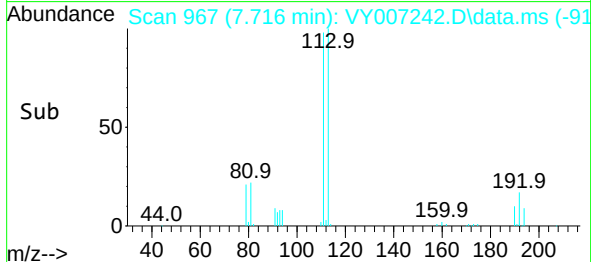
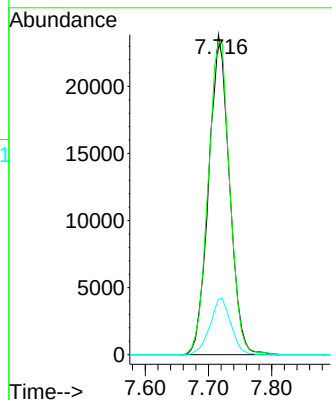
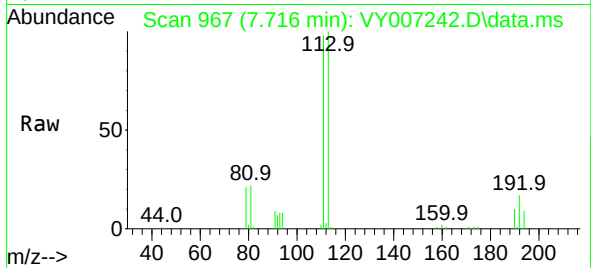




#35
Dibromofluoromethane
Concen: 48.685 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007242.D
Acq: 20 Jan 2022 12:30

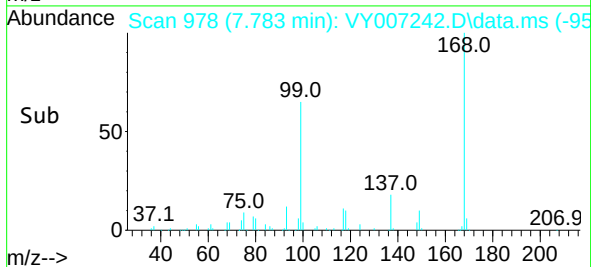
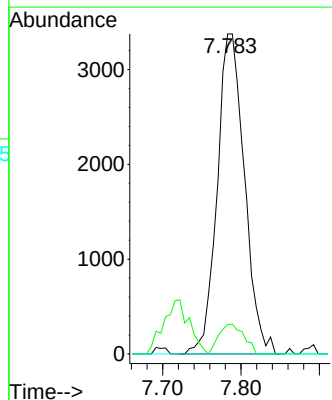
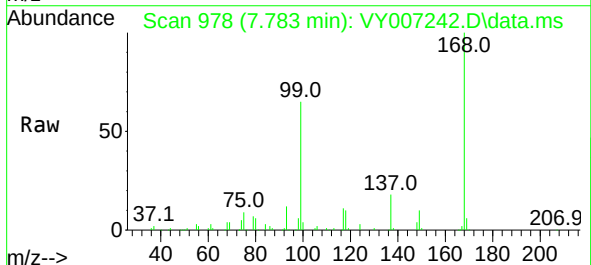
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-5

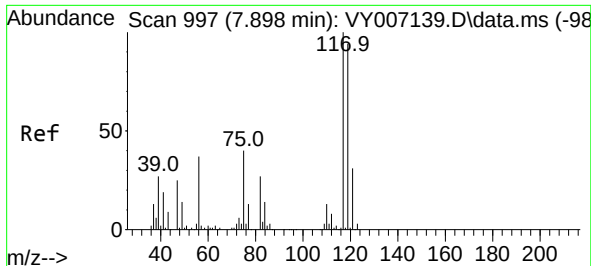
Tgt Ion:113 Resp: 54391
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 17.7 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.583 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY007242.D
Acq: 20 Jan 2022 12:30

Tgt Ion: 75 Resp: 8178
Ion Ratio Lower Upper
75 100
110 8.5 17.3 51.9#
77 0.0 24.7 37.1#

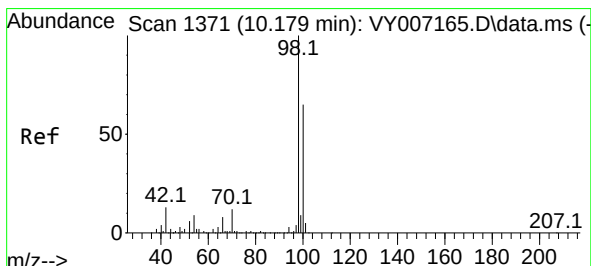
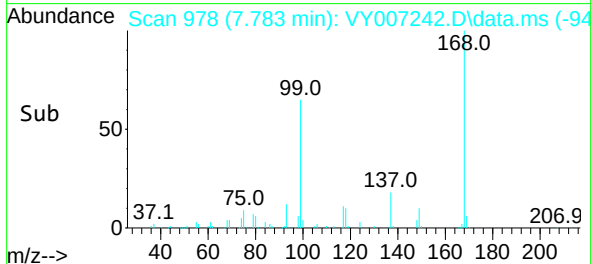
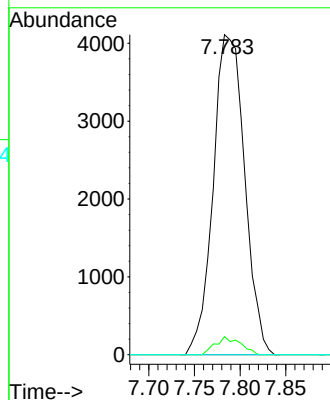
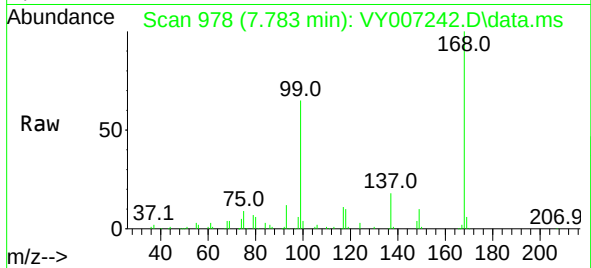




#38
Carbon Tetrachloride
Concen: 5.244 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY007242.D
Acq: 20 Jan 2022 12:30

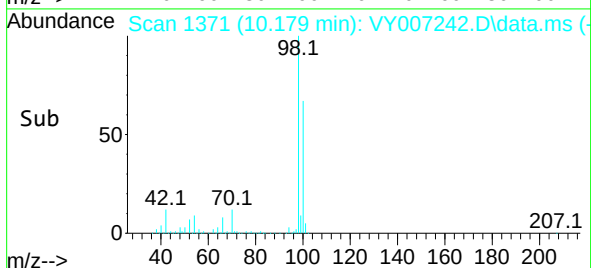
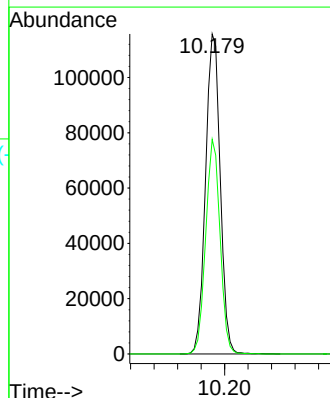
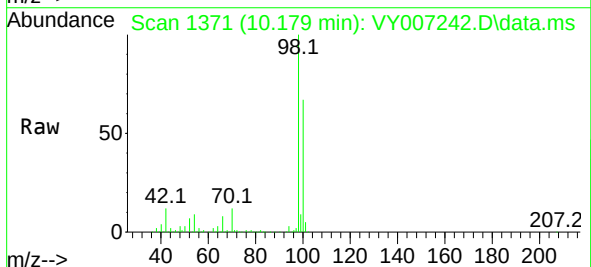
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-5

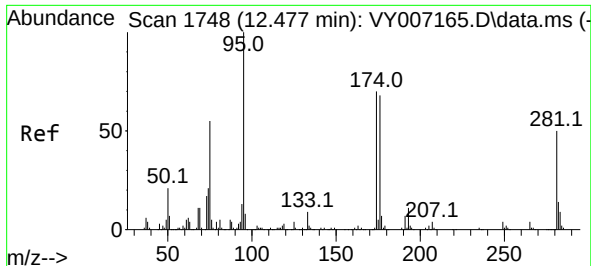
Tgt Ion:117 Resp: 9842
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.239 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007242.D
Acq: 20 Jan 2022 12:30

Tgt Ion: 98 Resp: 201005
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 48.923 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007242.D

Acq: 20 Jan 2022 12:30

Instrument :

MSVOA_Y

ClientSampleId :

MTR-SOIL-5

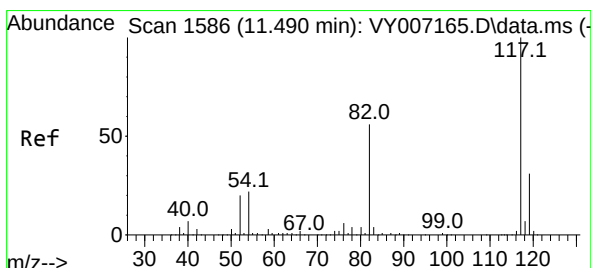
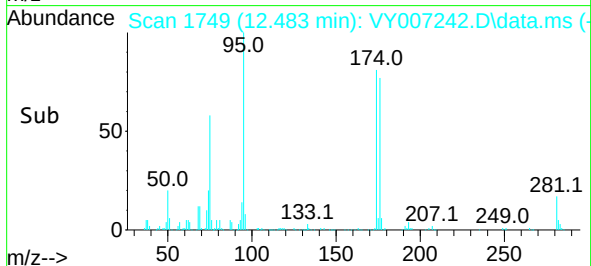
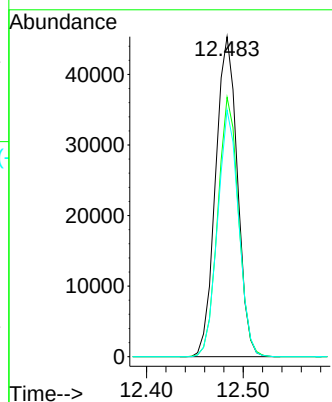
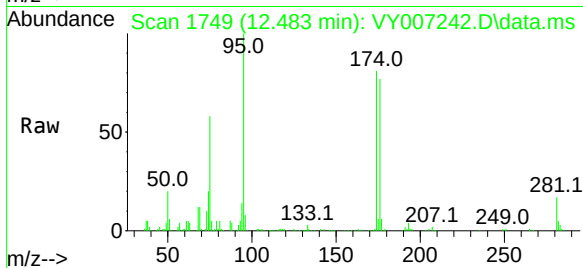
Tgt Ion: 95 Resp: 71041

Ion Ratio Lower Upper

95 100

174 77.1 0.0 148.4

176 73.9 0.0 146.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY007242.D

Acq: 20 Jan 2022 12:30

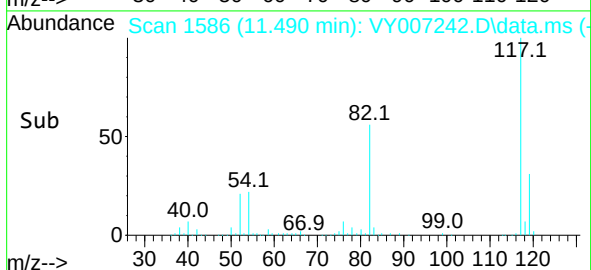
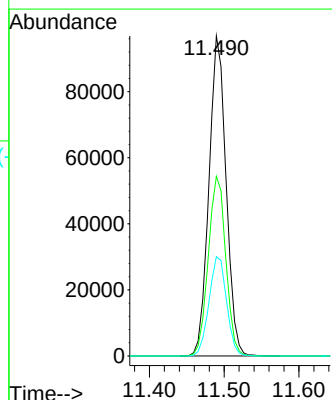
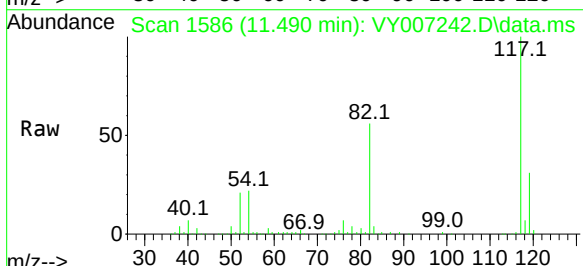
Tgt Ion: 117 Resp: 154192

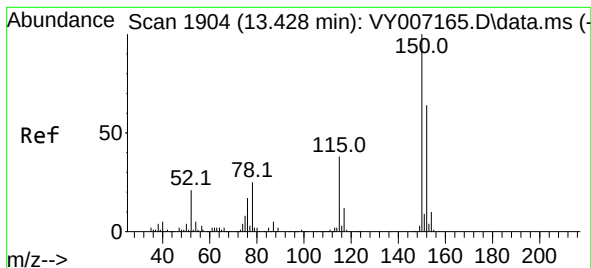
Ion Ratio Lower Upper

117 100

82 56.1 45.4 68.0

119 31.0 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: VY007242.D

Acq: 20 Jan 2022 12:30

Instrument :

MSVOA_Y

ClientSampleId :

MTR-SOIL-5

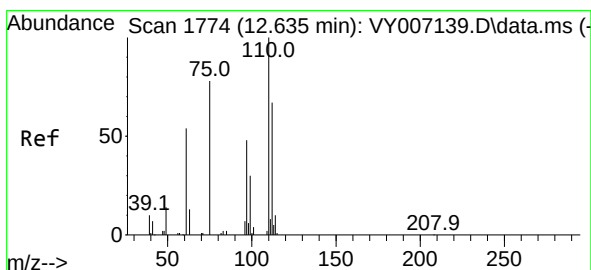
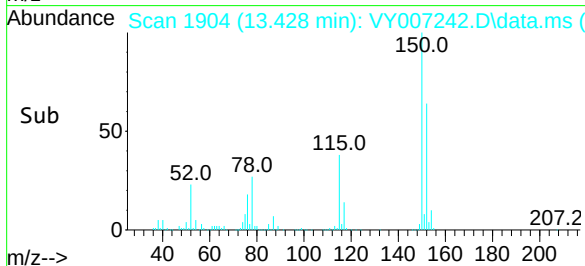
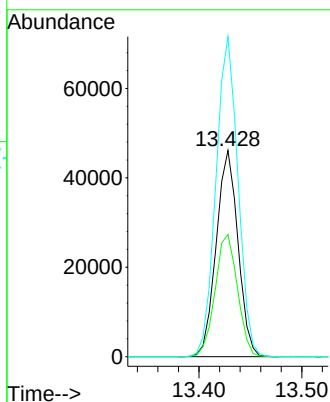
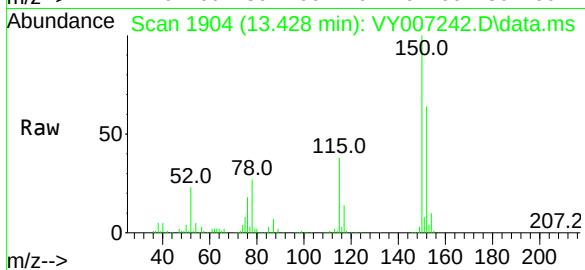
Tgt Ion:152 Resp: 67822

Ion Ratio Lower Upper

152 100

115 61.0 31.4 94.0

150 157.0 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 51.705 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007242.D

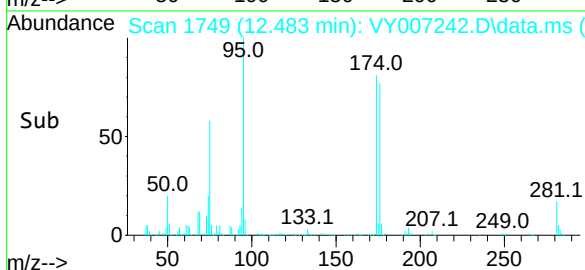
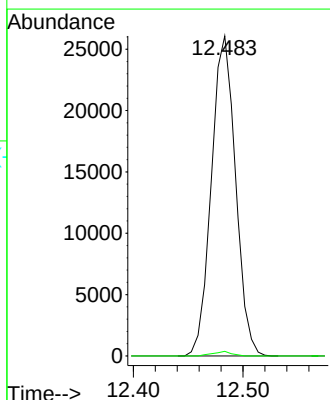
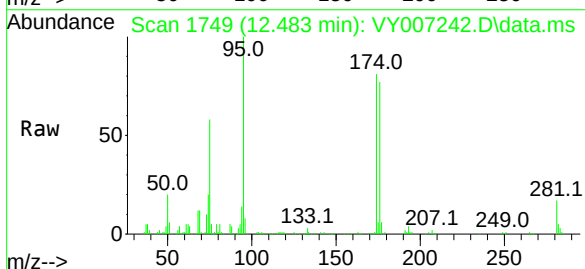
Acq: 20 Jan 2022 12:30

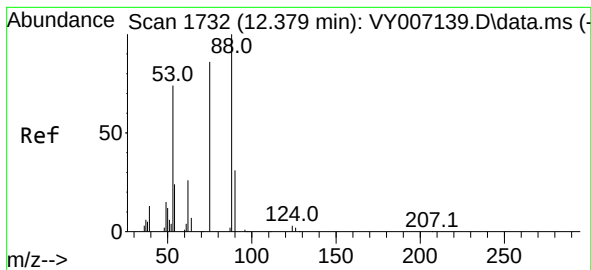
Tgt Ion: 75 Resp: 39986

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.658 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007242.D
 Acq: 20 Jan 2022 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-5

Tgt Ion: 75 Resp: 39986
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.4 0.0 0.0#

