

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007225.D
 Acq On : 19 Jan 2022 17:00
 Operator : SY/MD
 Sample : N1189-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-2

Quant Time: Jan 20 00:17:17 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)

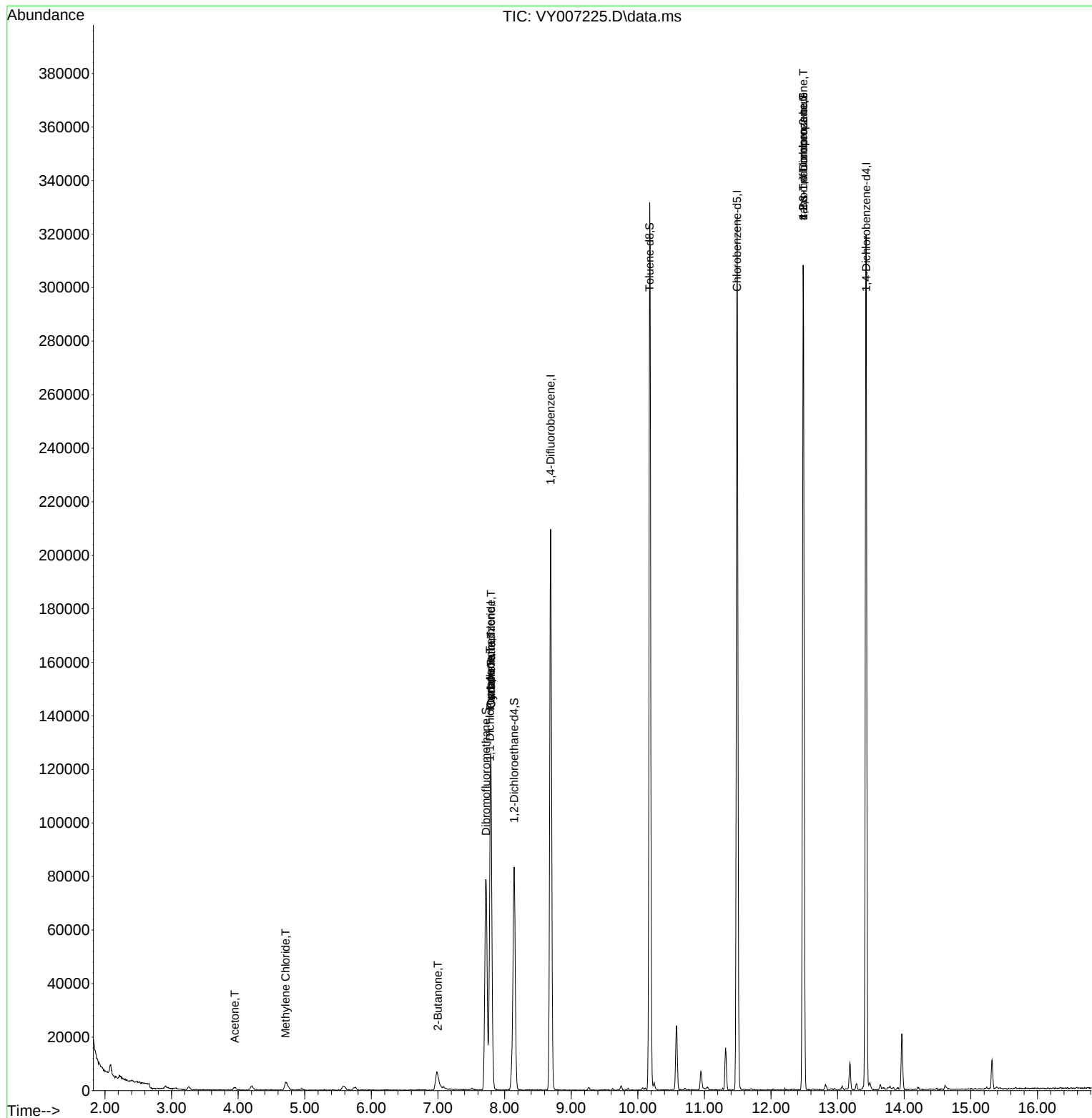
Internal Standards						
1) Pentafluorobenzene	7.789	168	94883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	176347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65022	55.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.700%
35) Dibromofluoromethane	7.722	113	59431	49.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.680%
50) Toluene-d8	10.179	98	217480	49.914	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.483	95	81612	52.657	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	456	Below Cal	#	73
16) Acetone	3.948	43	2144	7.096	ug/l	97
20) Methylene Chloride	4.710	84	2177	1.742	ug/l	84
25) 2-Butanone	6.996	43	1495	3.827	ug/l	100
31) Cyclohexane	7.795	56	2353	1.195	ug/l #	24
36) 1,1-Dichloropropene	7.783	75	9139	4.799	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10397	5.190	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	44627	51.260	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44627	93.843	ug/l #	3

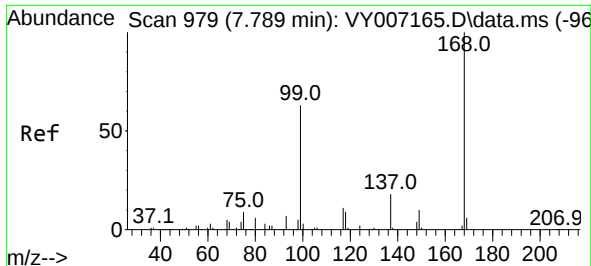
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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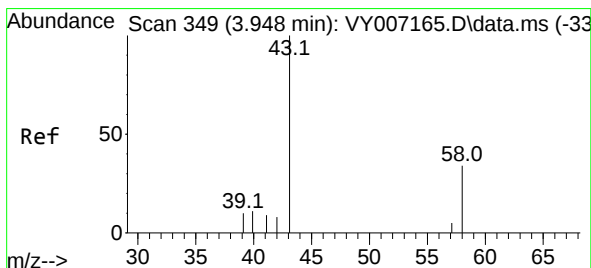
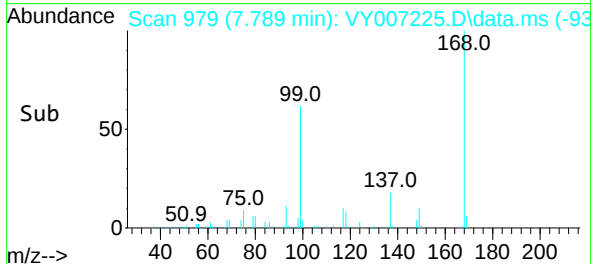
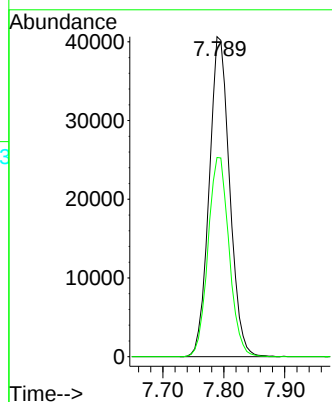
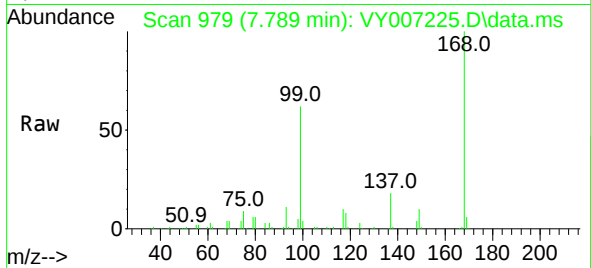




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007225.D
Acq: 19 Jan 2022 17:00

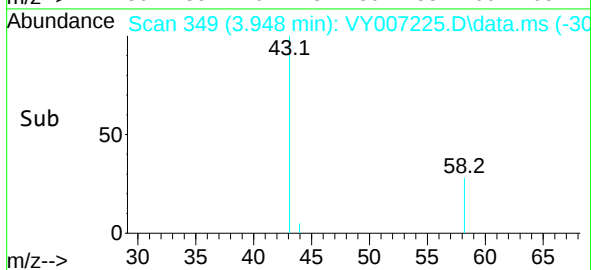
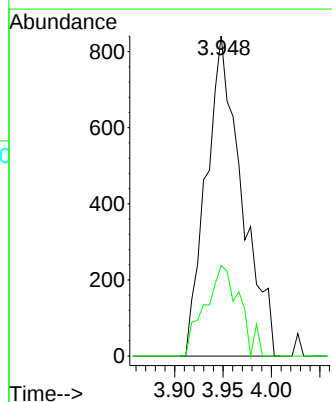
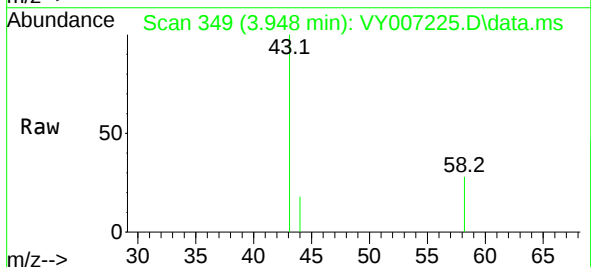
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-2

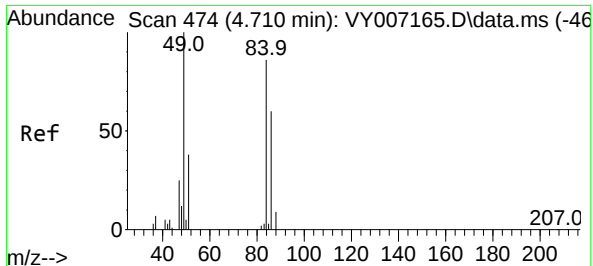
Tgt Ion:168 Resp: 94883
Ion Ratio Lower Upper
168 100
99 62.3 49.1 73.7



#16
Acetone
Concen: 7.096 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007225.D
Acq: 19 Jan 2022 17:00

Tgt Ion: 43 Resp: 2144
Ion Ratio Lower Upper
43 100
58 28.3 23.8 35.6





#20

Methylene Chloride

Concen: 1.742 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007225.D

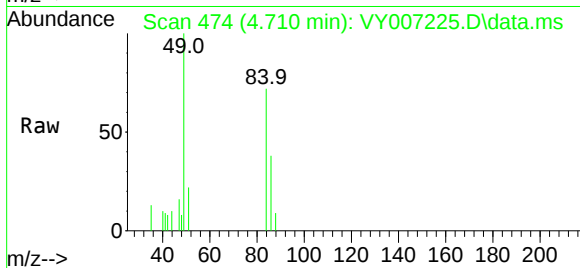
Acq: 19 Jan 2022 17:00

Instrument :

MSVOA_Y

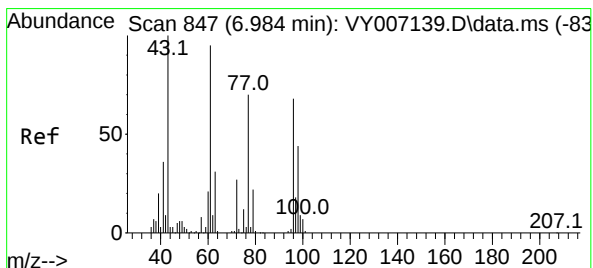
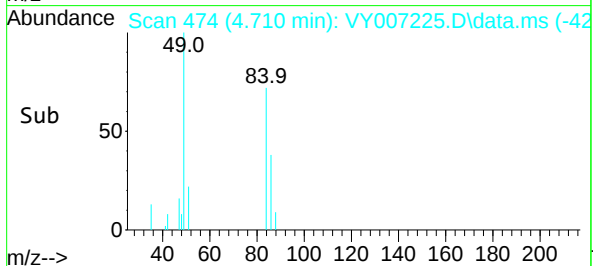
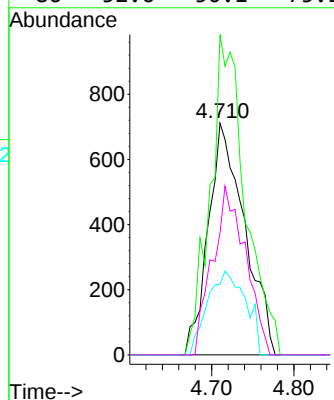
ClientSampleId :

MTR-SOIL-2



Tgt Ion: 84 Resp: 2177

Ion	Ratio	Lower	Upper
84	100		
49	138.3	92.6	139.0
51	30.5	28.6	42.8
86	52.6	50.1	75.1



#25

2-Butanone

Concen: 3.827 ug/l

RT: 6.996 min Scan# 849

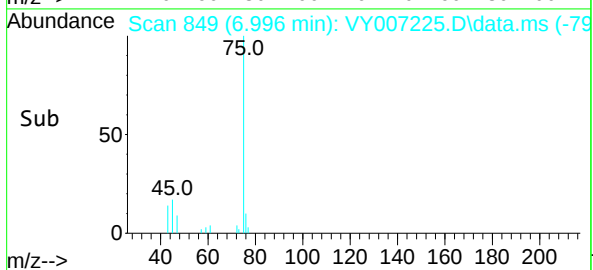
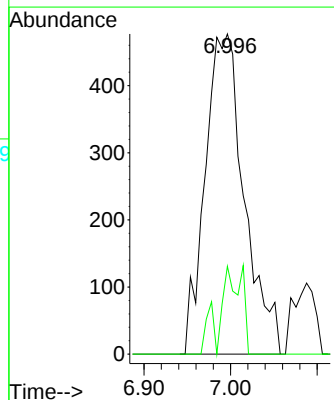
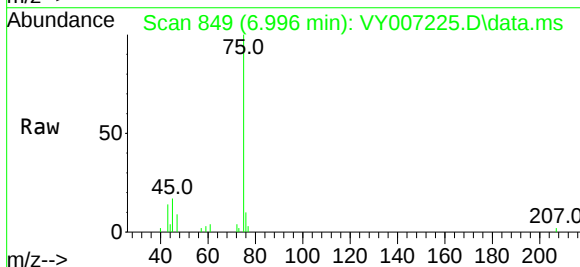
Delta R.T. 0.012 min

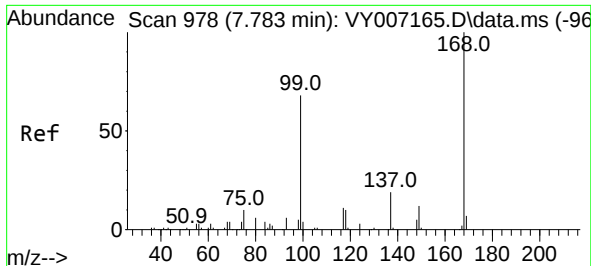
Lab File: VY007225.D

Acq: 19 Jan 2022 17:00

Tgt Ion: 43 Resp: 1495

Ion	Ratio	Lower	Upper
43	100		
72	27.5	21.9	32.9

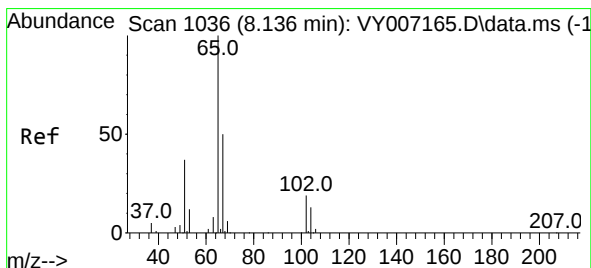
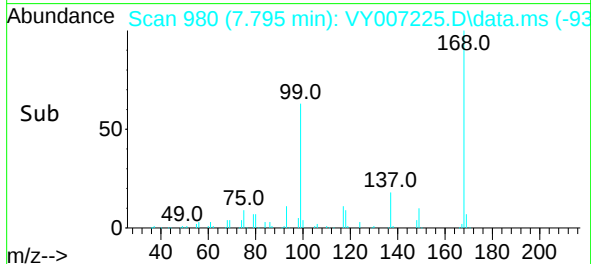
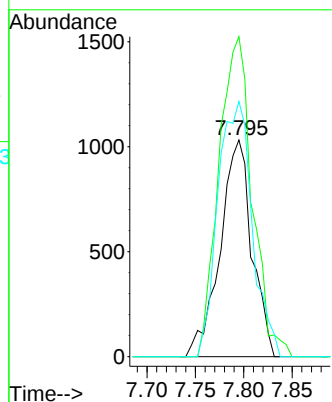
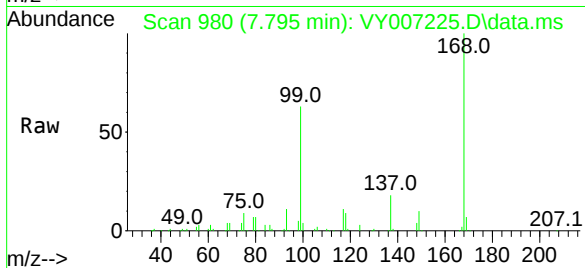




#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007225.D
Acq: 19 Jan 2022 17:00

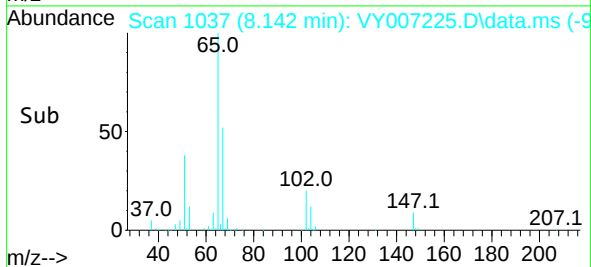
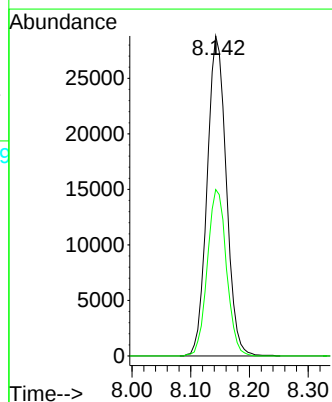
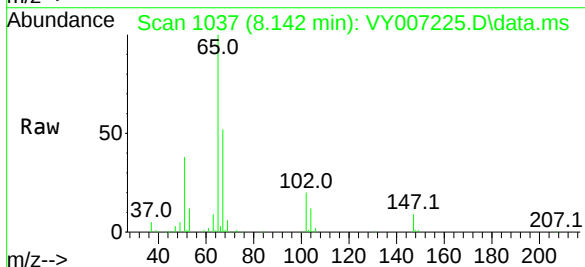
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-2

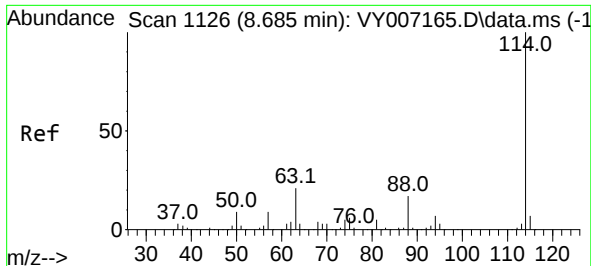
Tgt Ion: 56 Resp: 2353
Ion Ratio Lower Upper
56 100
69 147.7 27.2 40.8#
84 117.7 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 55.850 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007225.D
Acq: 19 Jan 2022 17:00

Tgt Ion: 65 Resp: 65022
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.6

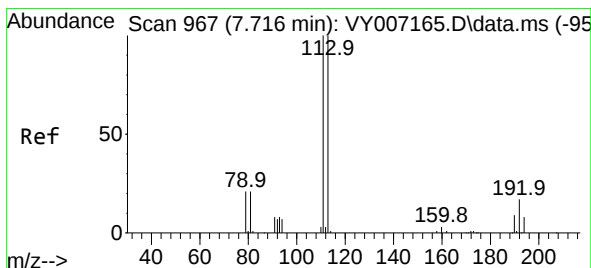
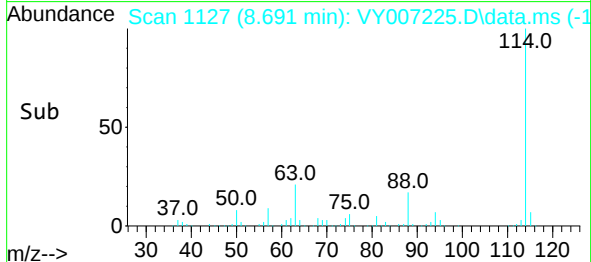
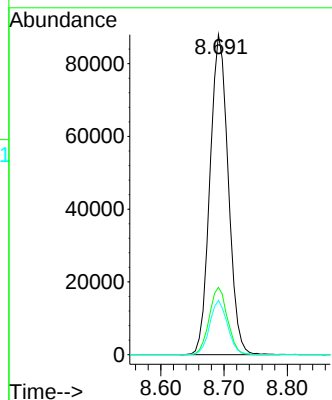
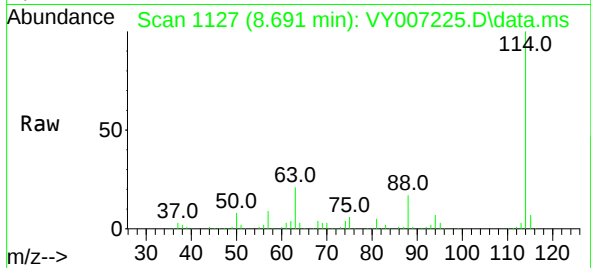




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007225.D
Acq: 19 Jan 2022 17:00

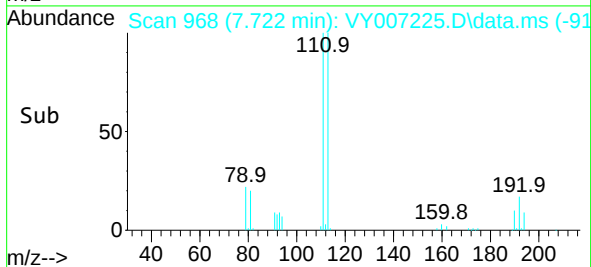
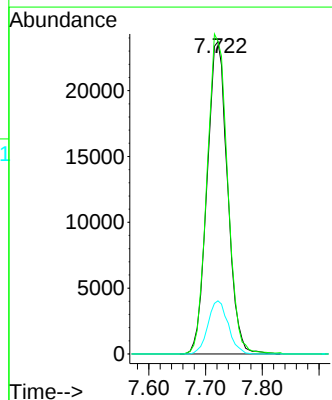
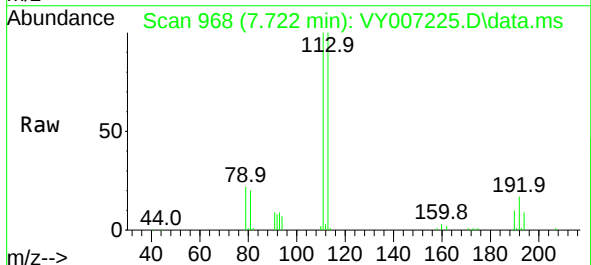
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-2

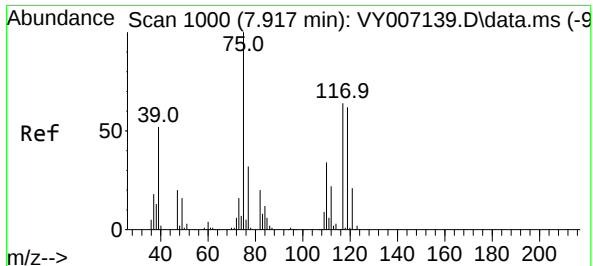
Tgt Ion:114 Resp: 176347
Ion Ratio Lower Upper
114 100
63 21.1 0.0 39.2
88 17.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.840 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007225.D
Acq: 19 Jan 2022 17:00

Tgt Ion:113 Resp: 59431
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 16.7 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.799 ug/l

RT: 7.783 min Scan# 9139

Delta R.T. -0.134 min

Lab File: VY007225.D

Acq: 19 Jan 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

MTR-SOIL-2

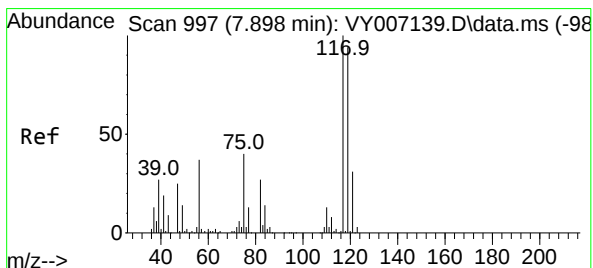
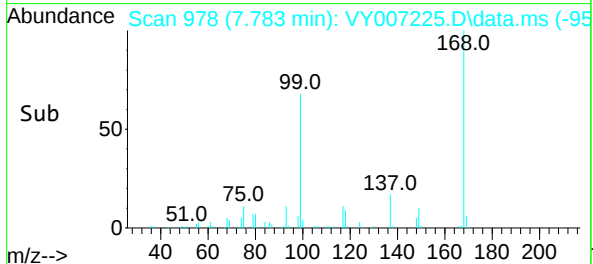
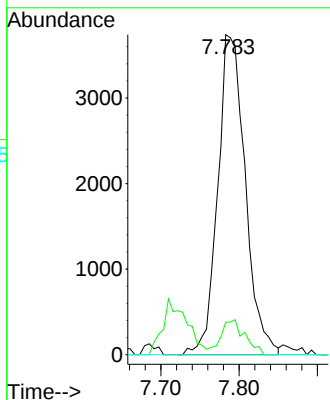
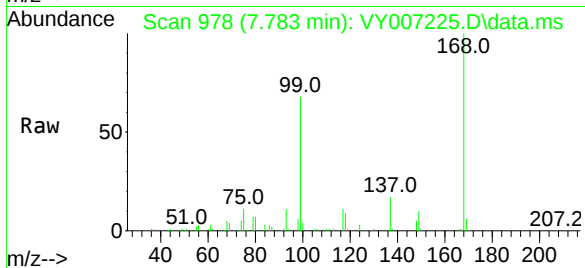
Tgt Ion: 75 Resp: 9139

Ion Ratio Lower Upper

75 100

110 9.5 17.3 51.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.190 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.103 min

Lab File: VY007225.D

Acq: 19 Jan 2022 17:00

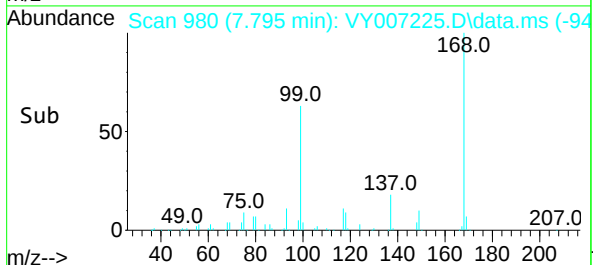
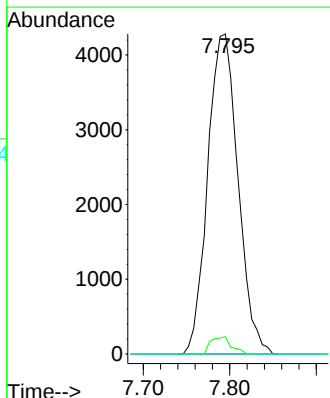
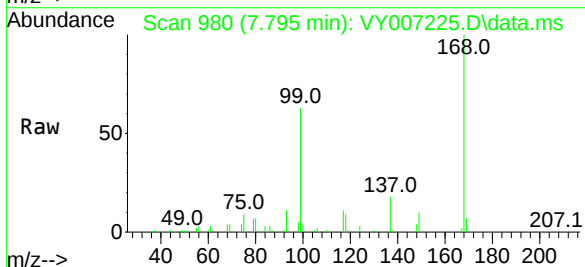
Tgt Ion: 117 Resp: 10397

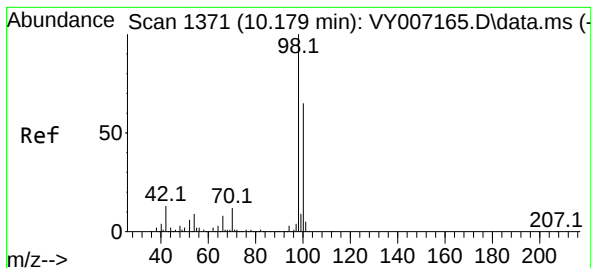
Ion Ratio Lower Upper

117 100

119 5.4 77.2 115.8#

121 0.0 24.2 36.2#

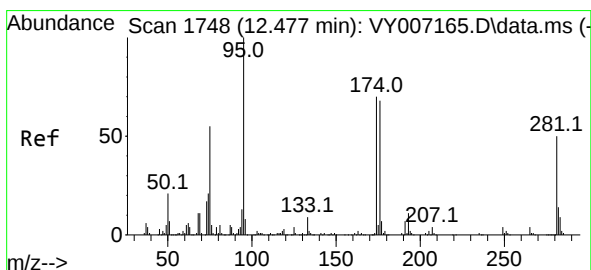
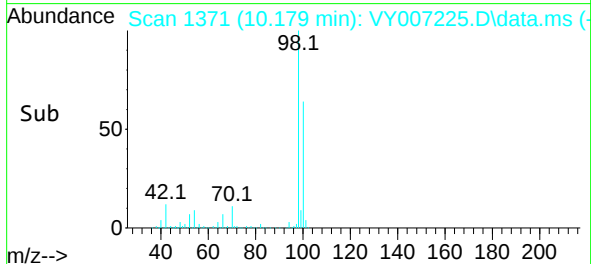
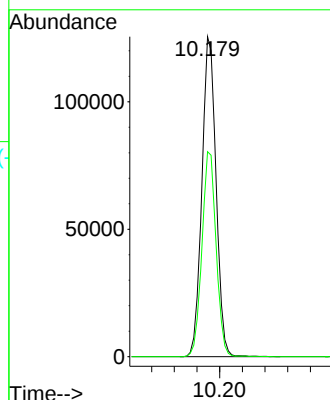
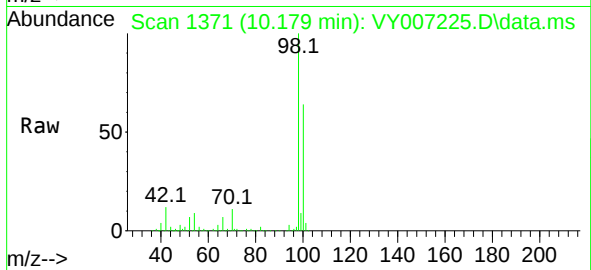




#50
Toluene-d8
Concen: 49.914 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007225.D
Acq: 19 Jan 2022 17:00

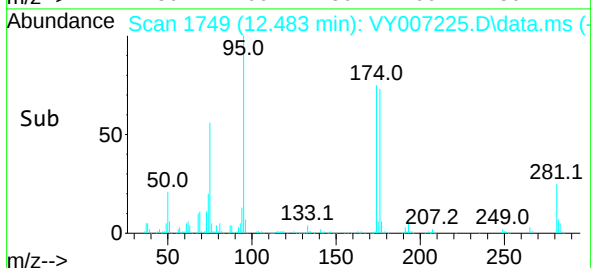
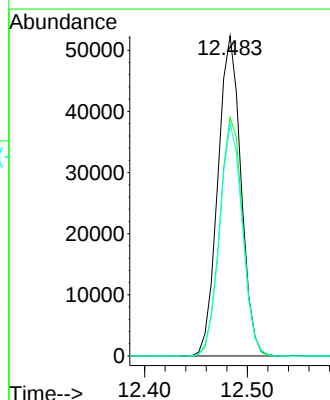
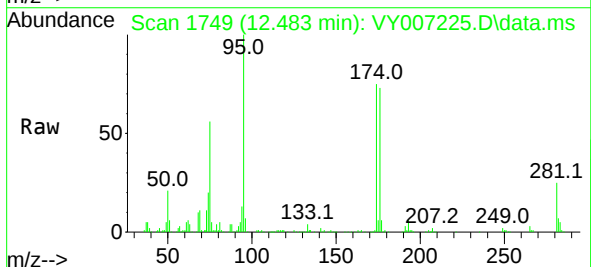
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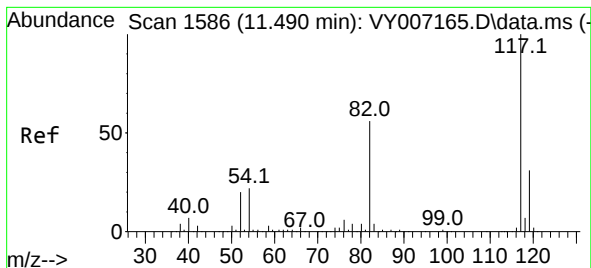
Tgt Ion: 98 Resp: 217480
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 52.657 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007225.D
Acq: 19 Jan 2022 17:00

Tgt Ion: 95 Resp: 81612
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.4
176 71.9 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007225.D

Acq: 19 Jan 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

MTR-SOIL-2

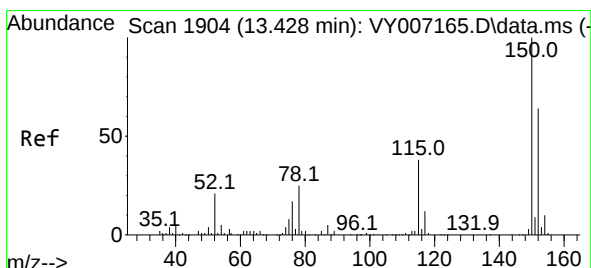
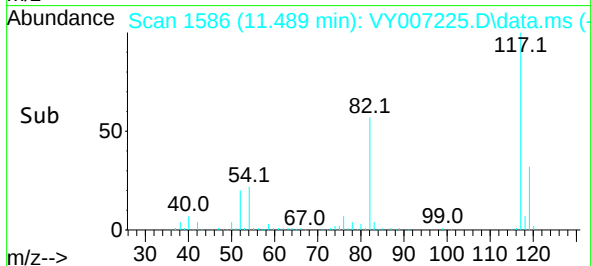
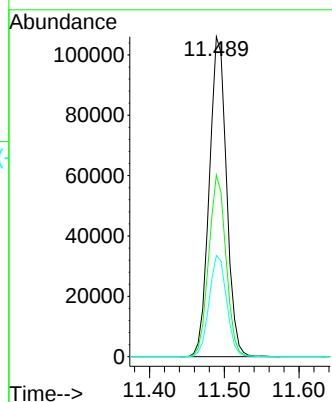
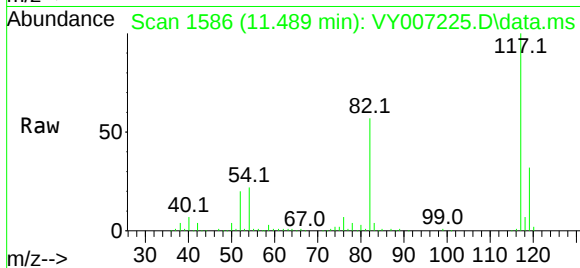
Tgt Ion:117 Resp: 169961

Ion Ratio Lower Upper

117 100

82 56.8 45.4 68.0

119 31.6 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: VY007225.D

Acq: 19 Jan 2022 17:00

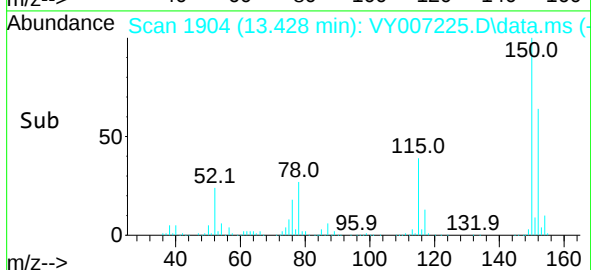
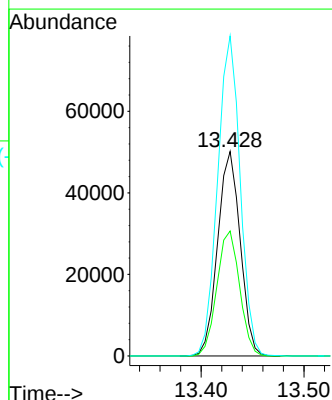
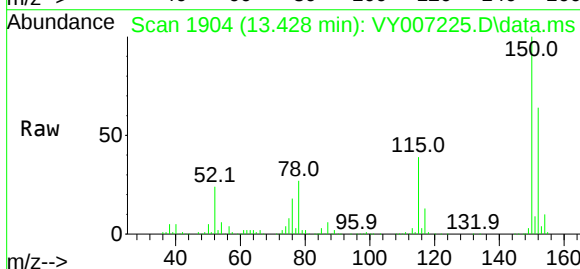
Tgt Ion:152 Resp: 76351

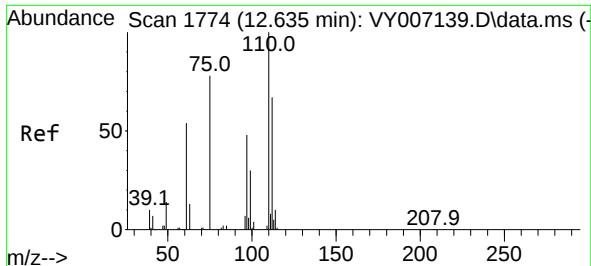
Ion Ratio Lower Upper

152 100

115 61.6 31.4 94.0

150 156.4 0.0 348.4

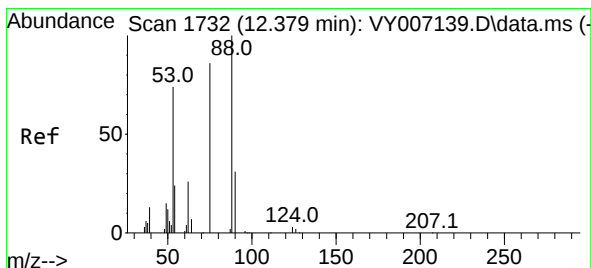
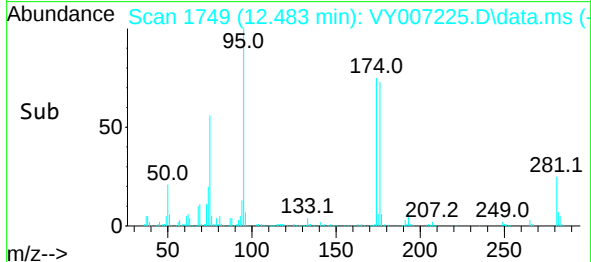
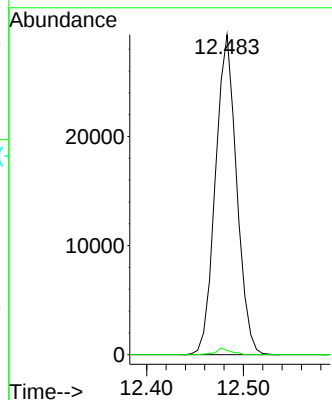
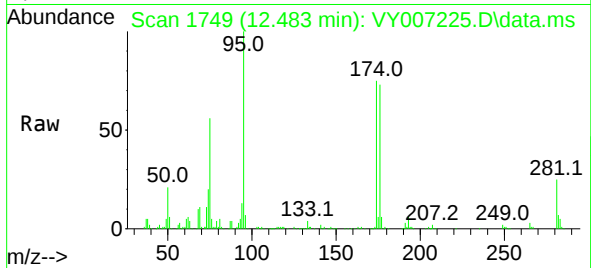




#76
1,2,3-Trichloropropane
Concen: 51.260 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007225.D
Acq: 19 Jan 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-2

Tgt Ion: 75 Resp: 44627
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.843 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007225.D
Acq: 19 Jan 2022 17:00

Tgt Ion: 75 Resp: 44627
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.8 0.0 0.0#

