

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020489.D
 Acq On : 02 Dec 2024 16:44
 Operator : SY/MD
 Sample : P5026-08
 Misc : 7.29g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-1-HAM-GRAB

Quant Time: Dec 02 21:58:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:47:59 2024
 Response via : Initial Calibration

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

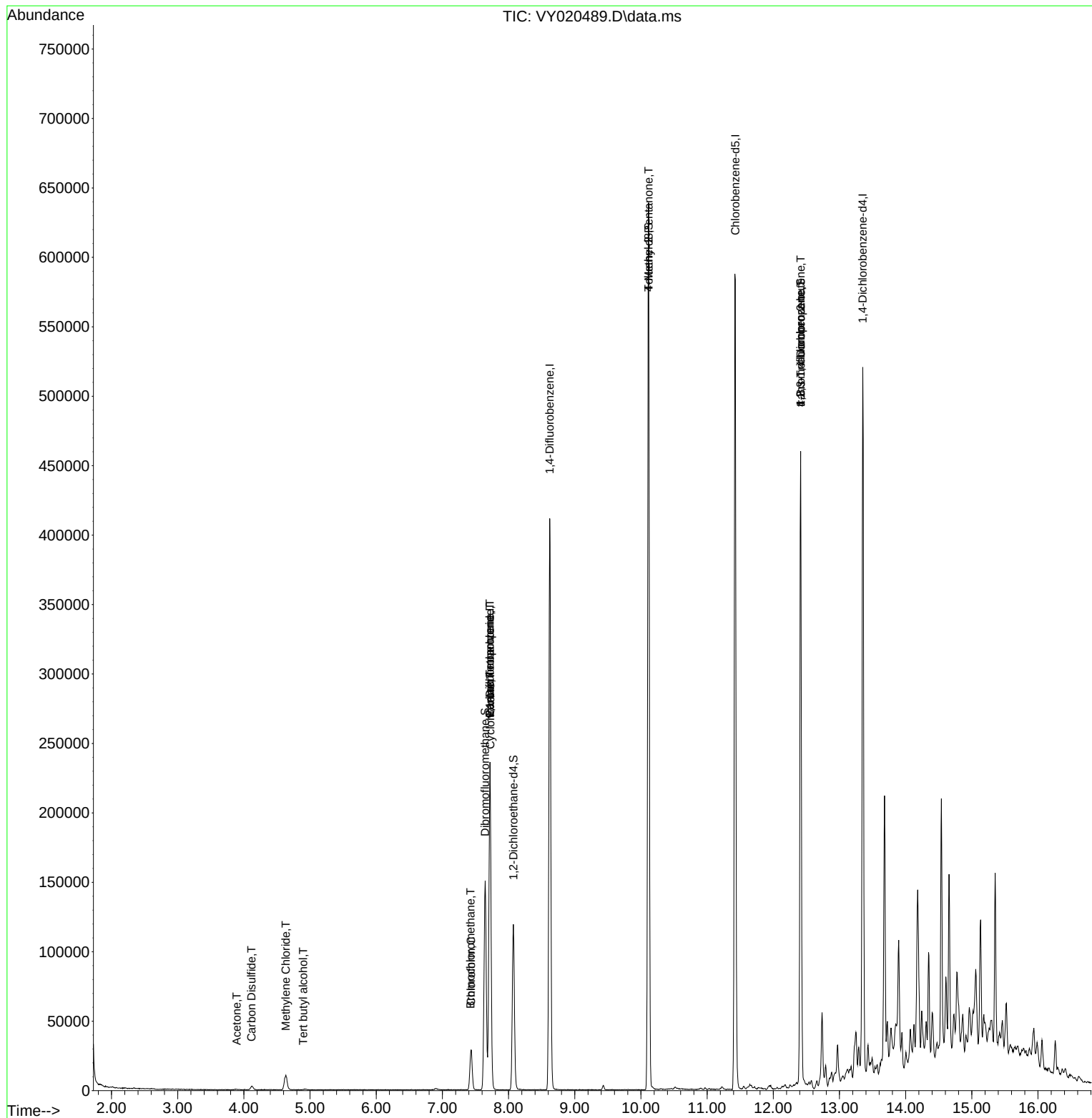
Internal Standards						
1) Pentafluorobenzene	7.719	168	173047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	342399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	313778	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.352	152	120979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	97815	55.579	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.160%			
35) Dibromofluoromethane	7.646	113	105910	49.133	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.260%			
50) Toluene-d8	10.115	98	412107	50.208	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.420%			
62) 4-Bromofluorobenzene	12.413	95	133872	46.634	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery = 93.260%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.897	59	261	2.286	ug/l #	73
16) Acetone	3.891	43	1010	2.308	ug/l #	43
17) Carbon Disulfide	4.116	76	5589	1.087	ug/l	100
20) Methylene Chloride	4.634	84	7890	4.238	ug/l	96
28) Bromochloromethane	7.427	49	2287	1.597	ug/l #	18
30) Chloroform	7.433	83	28421	7.220	ug/l	99
31) Cyclohexane	7.725	56	3930	1.133	ug/l #	9
36) 1,1-Dichloropropene	7.719	75	13771	3.783	ug/l #	52
38) Carbon Tetrachloride	7.719	117	18805	4.328	ug/l #	15
51) 4-Methyl-2-Pentanone	10.115	43	1996	1.388	ug/l #	1
76) 1,2,3-Trichloropropane	12.413	75	72656	58.955	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.413	75	72656	120.967	ug/l #	9

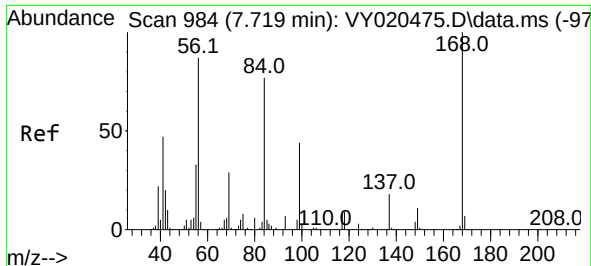
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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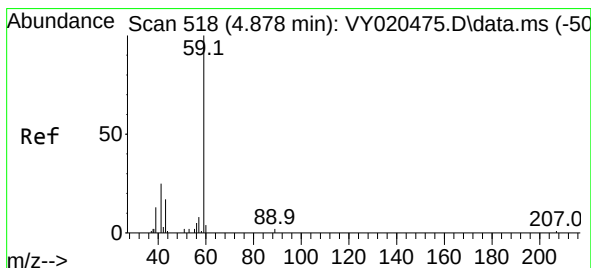
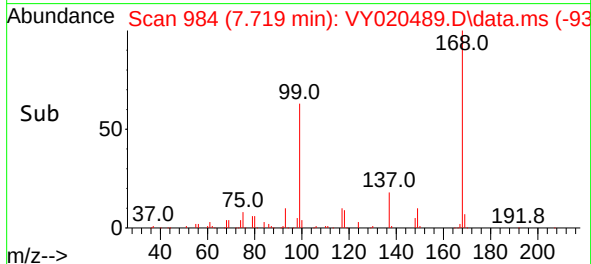
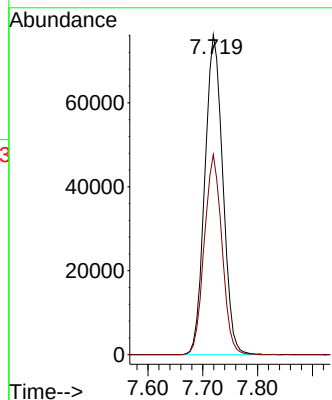
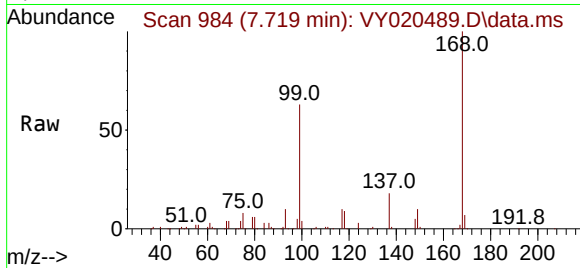




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY020489.D
Acq: 02 Dec 2024 16:44

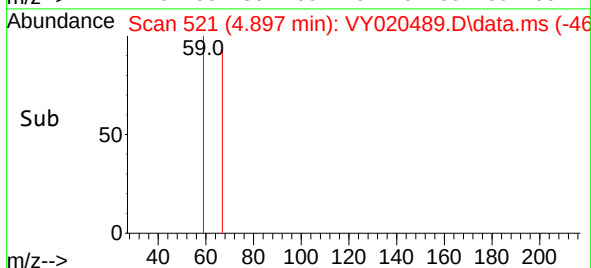
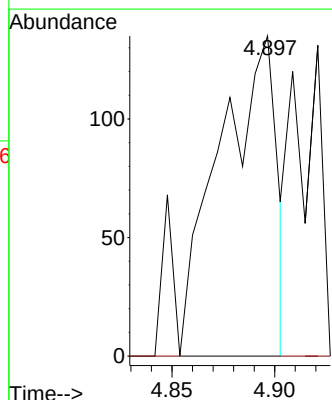
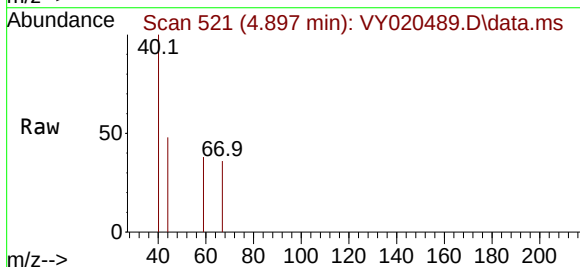
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1-HAM-GRAB

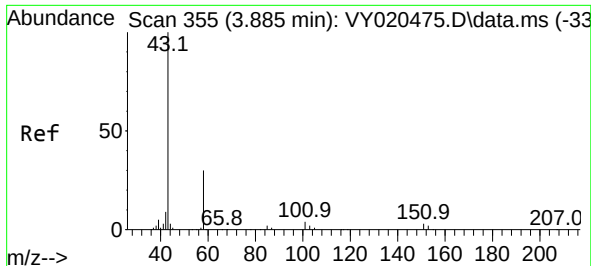
Tgt Ion:168 Resp: 173047
Ion Ratio Lower Upper
168 100
99 62.5 46.6 69.8



#11
Tert butyl alcohol
Concen: 2.286 ug/l
RT: 4.897 min Scan# 521
Delta R.T. 0.018 min
Lab File: VY020489.D
Acq: 02 Dec 2024 16:44

Tgt Ion: 59 Resp: 261
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

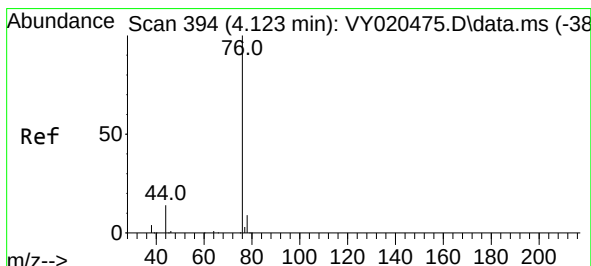
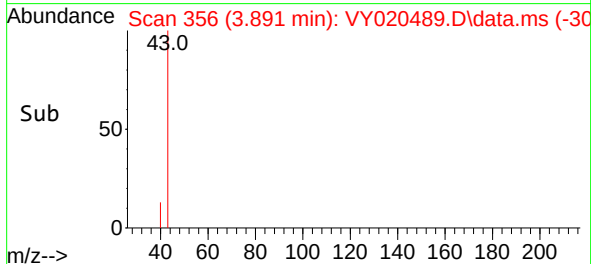
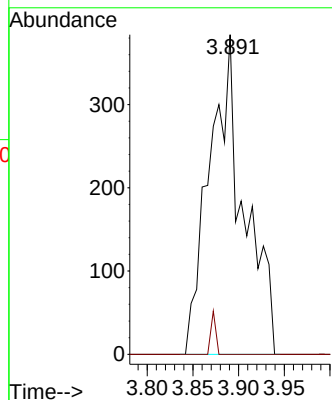
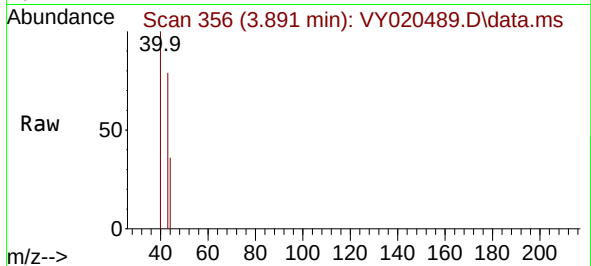




#16
Acetone
Concen: 2.308 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY020489.D
Acq: 02 Dec 2024 16:44

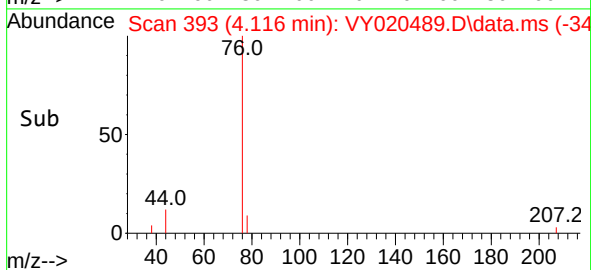
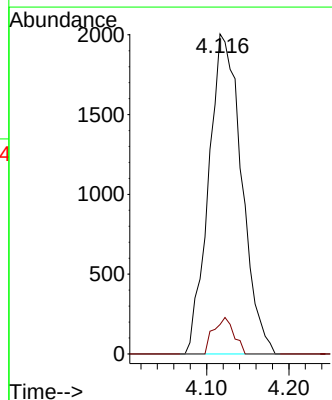
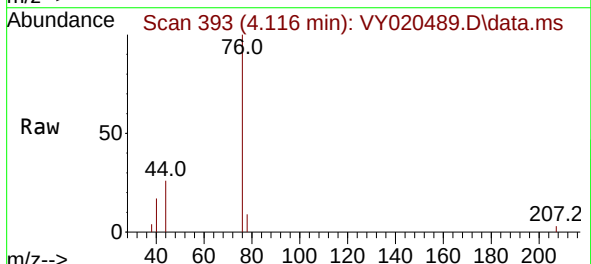
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1-HAM-GRAB

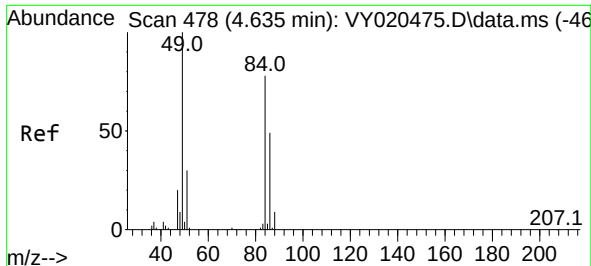
Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#17
Carbon Disulfide
Concen: 1.087 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY020489.D
Acq: 02 Dec 2024 16:44

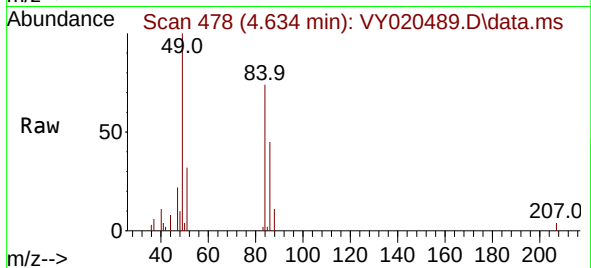
Tgt Ion: 76 Resp: 5589
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



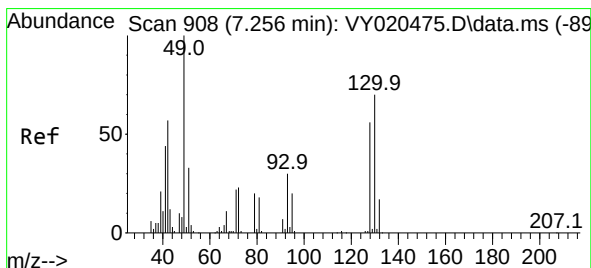
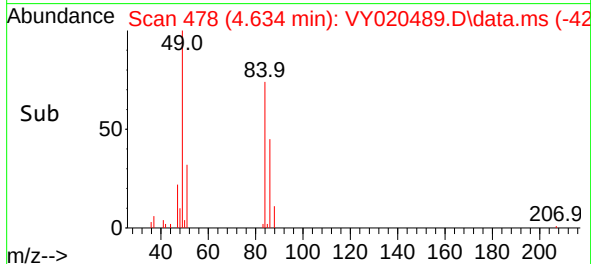
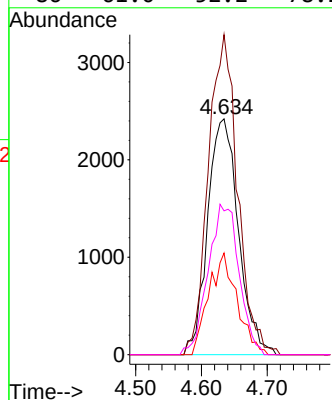


#20
Methylene Chloride
Concen: 4.238 ug/l
RT: 4.634 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY020489.D
Acq: 02 Dec 2024 16:44

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1-HAM-GRAB

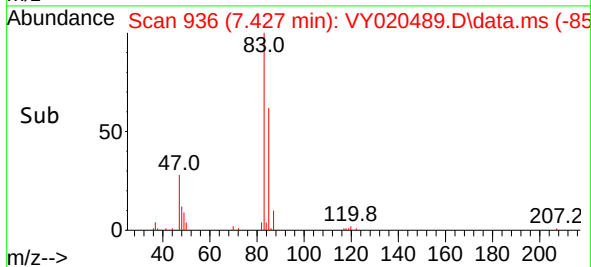
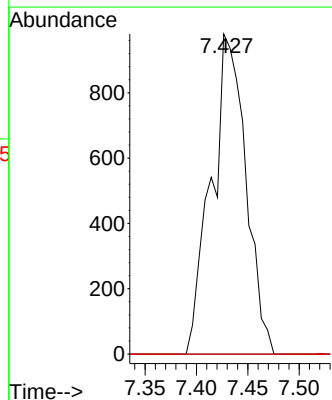
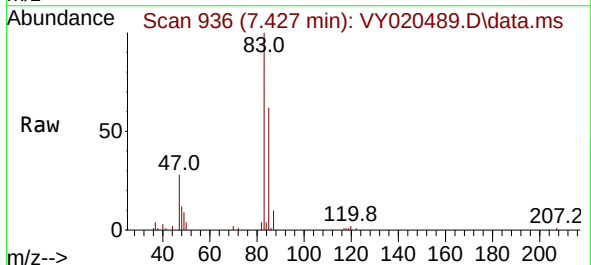


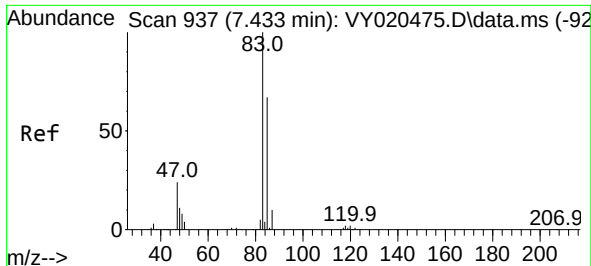
Tgt Ion:	84	Resp:	7890
Ion	Ratio	Lower	Upper
84	100		
49	135.7	104.7	157.1
51	43.1	33.4	50.0
86	61.0	52.2	78.2



#28
Bromochloromethane
Concen: 1.597 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.183 min
Lab File: VY020489.D
Acq: 02 Dec 2024 16:44

Tgt Ion:	49	Resp:	2287
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	55.0	82.6#

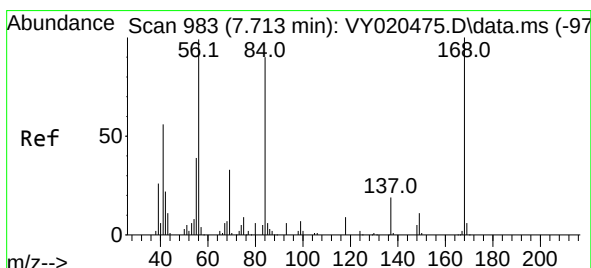
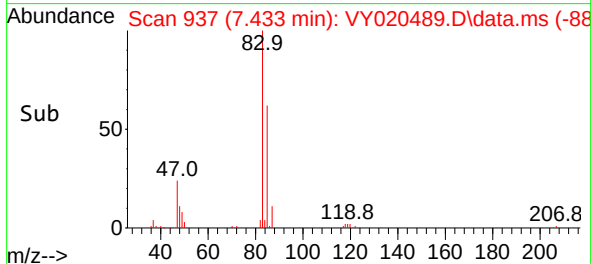
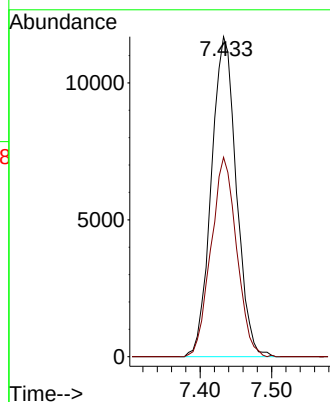
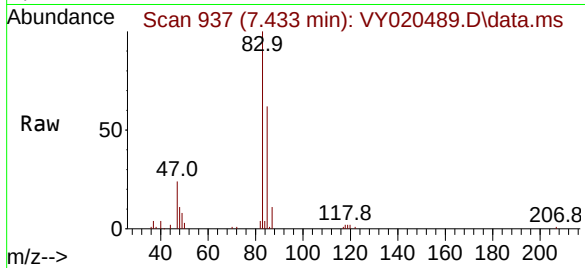




#30
Chloroform
Concen: 7.220 ug/l
RT: 7.433 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020489.D
Acq: 02 Dec 2024 16:44

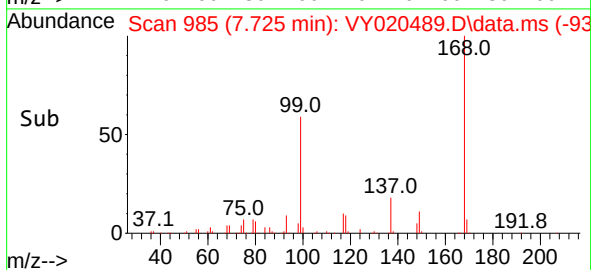
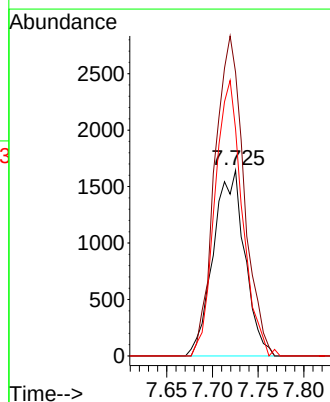
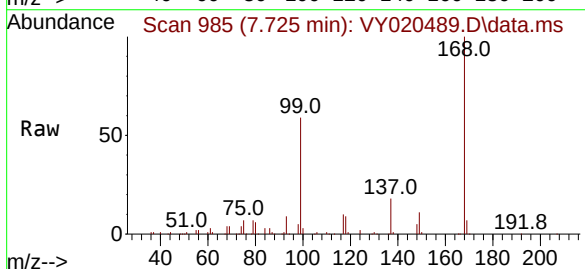
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1-HAM-GRAB

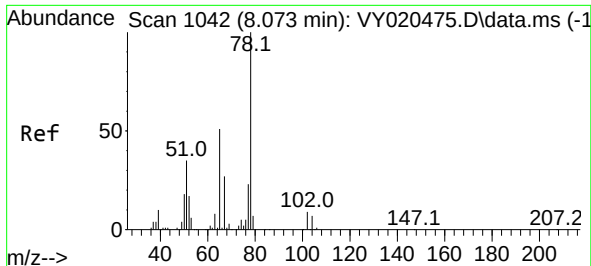
Tgt Ion: 83 Resp: 28421
Ion Ratio Lower Upper
83 100
85 62.3 50.3 75.5



#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.725 min Scan# 985
Delta R.T. 0.024 min
Lab File: VY020489.D
Acq: 02 Dec 2024 16:44

Tgt Ion: 56 Resp: 3930
Ion Ratio Lower Upper
56 100
69 152.8 25.3 37.9#
84 122.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 55.579 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VY020489.D

Acq: 02 Dec 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

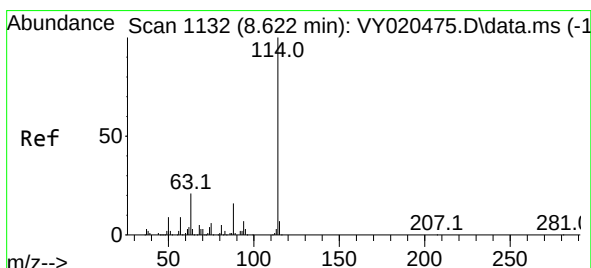
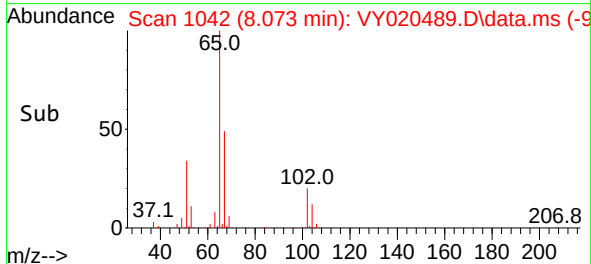
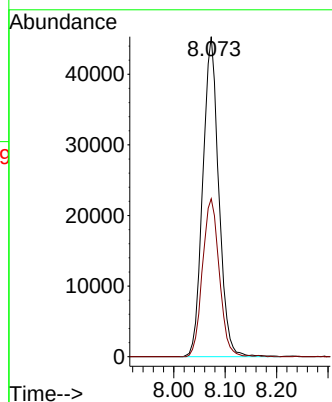
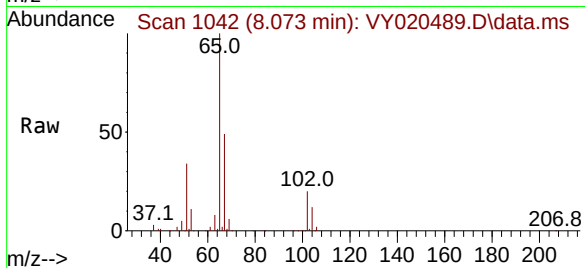
SOIL-1-HAM-GRAB

Tgt Ion: 65 Resp: 97815

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020489.D

Acq: 02 Dec 2024 16:44

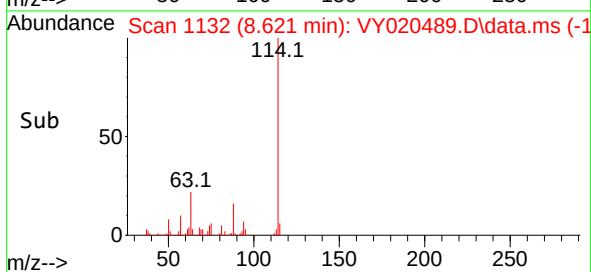
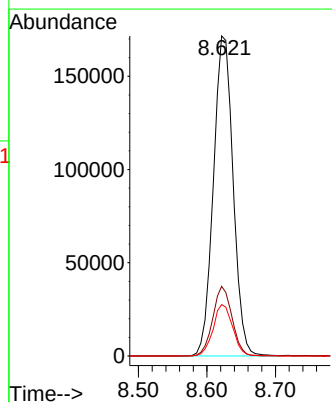
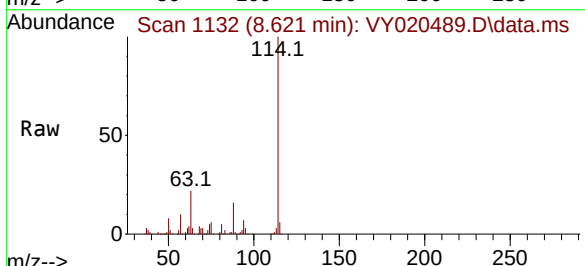
Tgt Ion: 114 Resp: 342399

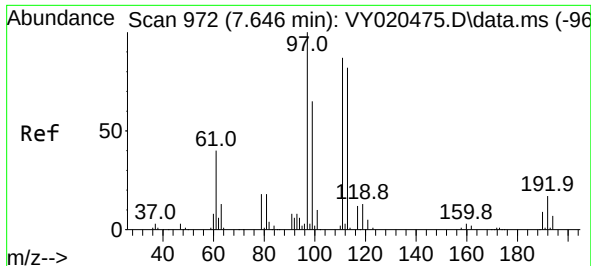
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.8

88 16.1 0.0 32.0

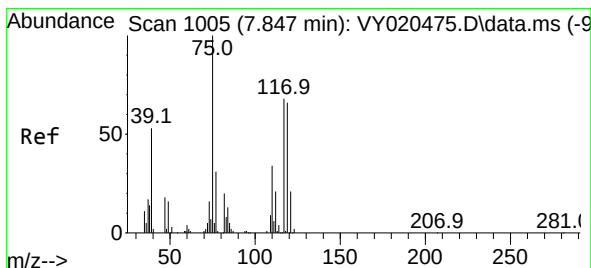
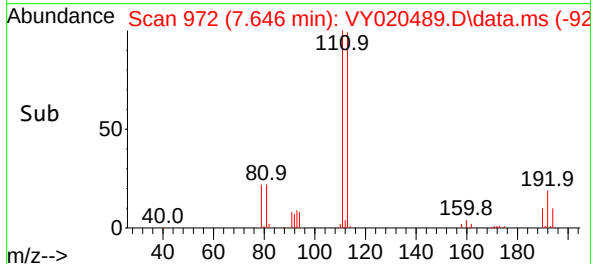
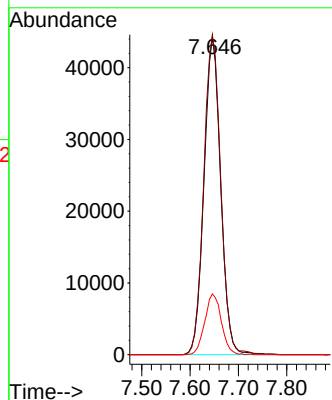
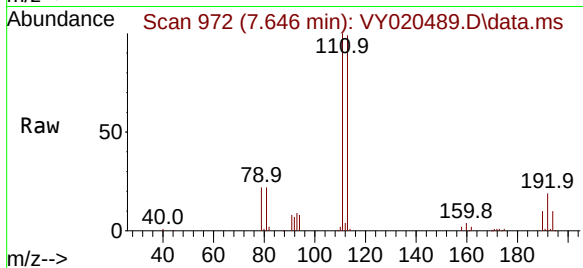




#35
Dibromofluoromethane
Concen: 49.133 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020489.D
Acq: 02 Dec 2024 16:44

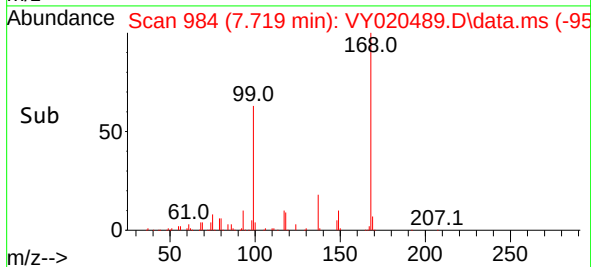
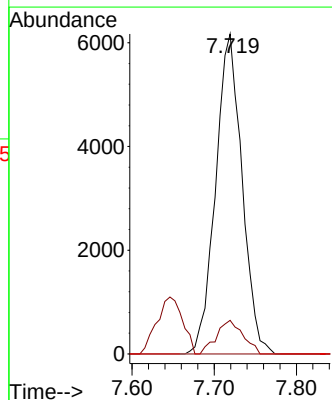
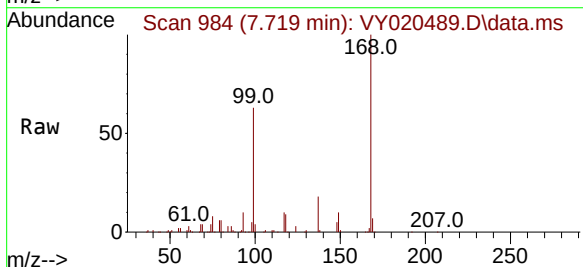
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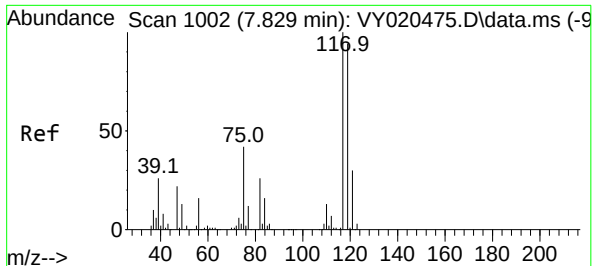
Tgt Ion:113 Resp: 105910
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 19.1 15.1 22.7



#36
1,1-Dichloropropene
Concen: 3.783 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY020489.D
Acq: 02 Dec 2024 16:44

Tgt Ion: 75 Resp: 13771
Ion Ratio Lower Upper
75 100
110 10.5 16.7 50.0#
77 0.0 24.6 36.8#

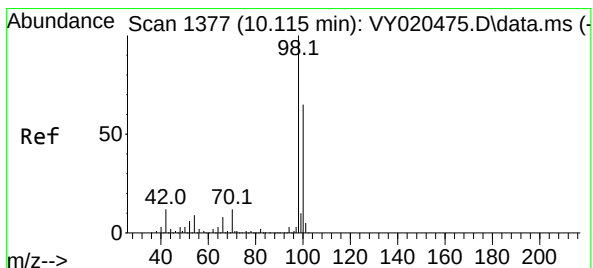
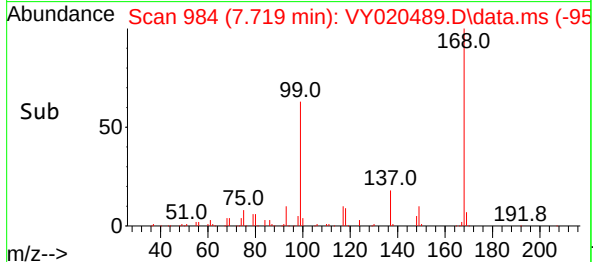
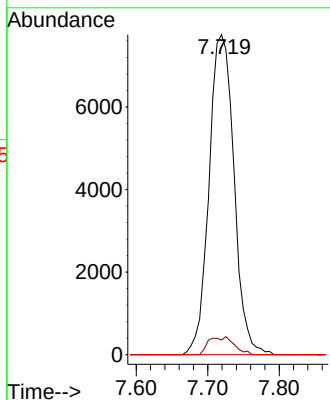
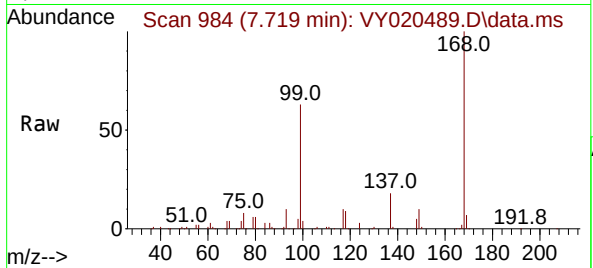




#38
Carbon Tetrachloride
Concen: 4.328 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY020489.D
Acq: 02 Dec 2024 16:44

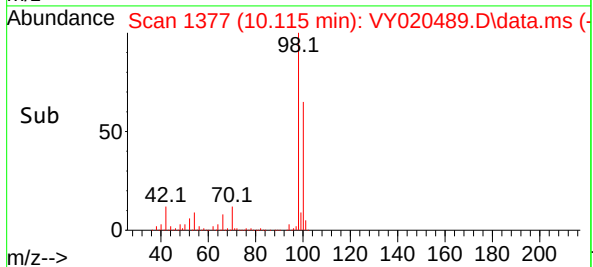
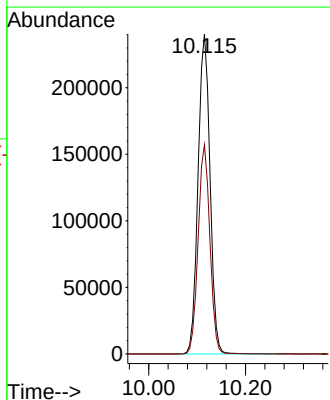
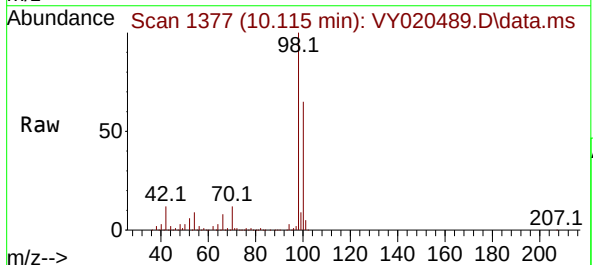
Instrument :
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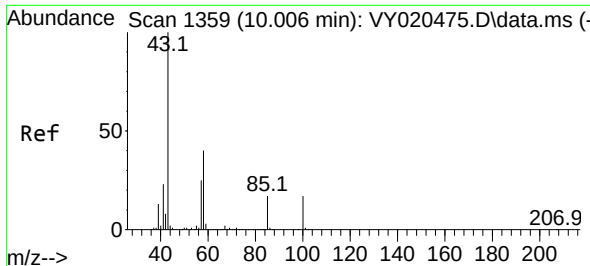
Tgt Ion:117 Resp: 18805
Ion Ratio Lower Upper
117 100
119 4.6 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.208 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020489.D
Acq: 02 Dec 2024 16:44

Tgt Ion: 98 Resp: 412107
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9

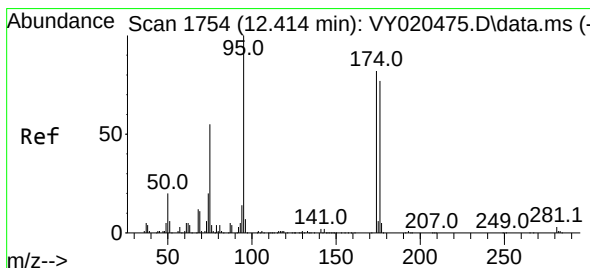
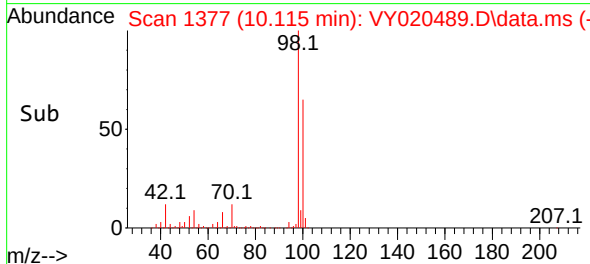
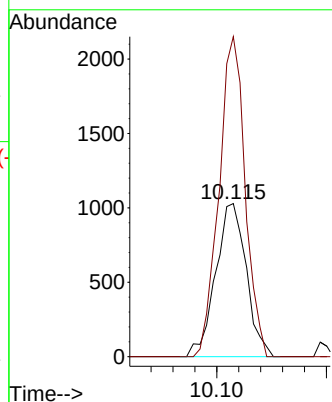
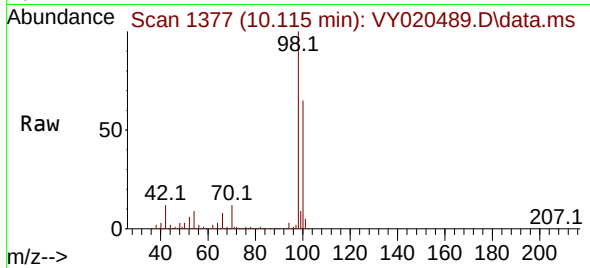




#51
4-Methyl-2-Pentanone
Concen: 1.388 ug/l
RT: 10.115 min Scan# 1359
Delta R.T. 0.116 min
Lab File: VY020489.D
Acq: 02 Dec 2024 16:44

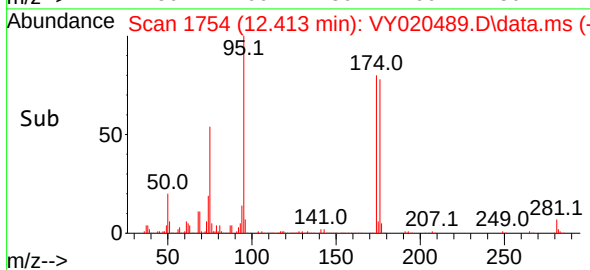
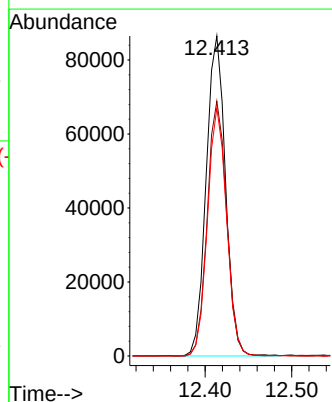
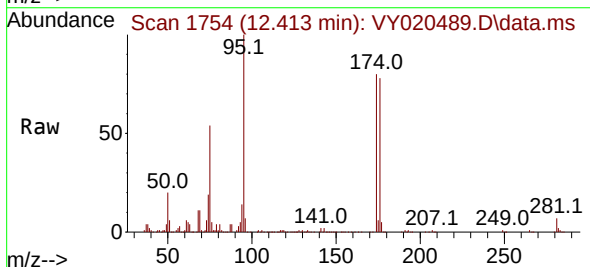
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1-HAM-GRAB

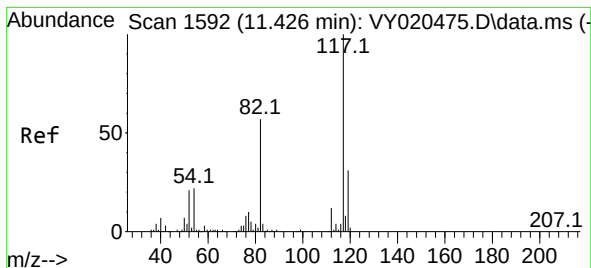
Tgt Ion: 43 Resp: 1996
Ion Ratio Lower Upper
43 100
58 178.7 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 46.634 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.012 min
Lab File: VY020489.D
Acq: 02 Dec 2024 16:44

Tgt Ion: 95 Resp: 133872
Ion Ratio Lower Upper
95 100
174 80.0 0.0 156.8
176 76.6 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020489.D

Acq: 02 Dec 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1-HAM-GRAB

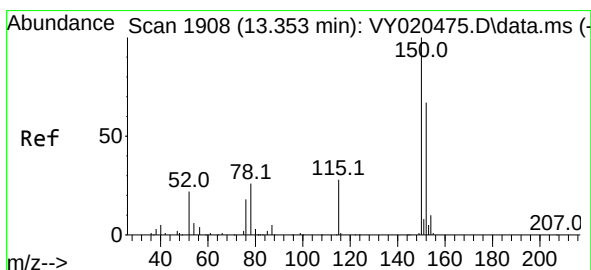
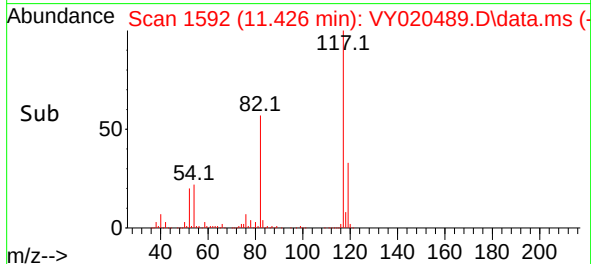
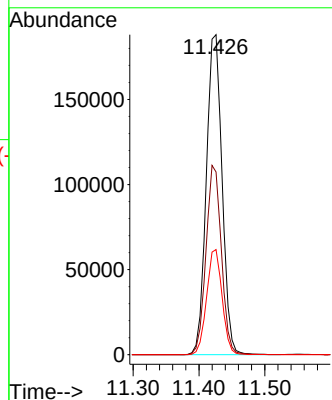
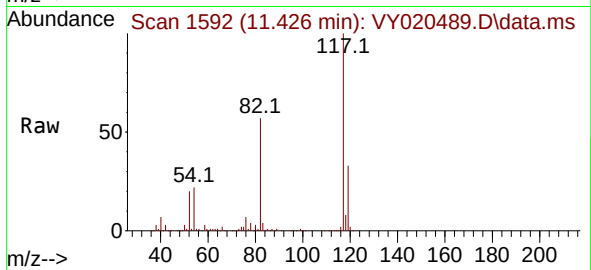
Tgt Ion:117 Resp: 313778

Ion Ratio Lower Upper

117 100

82 57.1 48.2 72.4

119 32.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020489.D

Acq: 02 Dec 2024 16:44

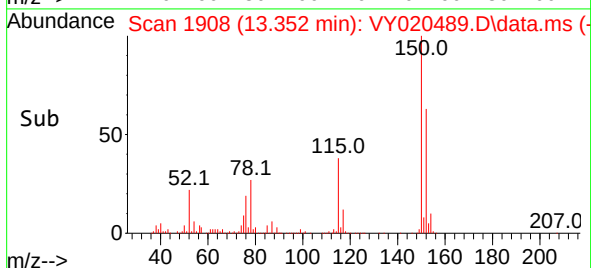
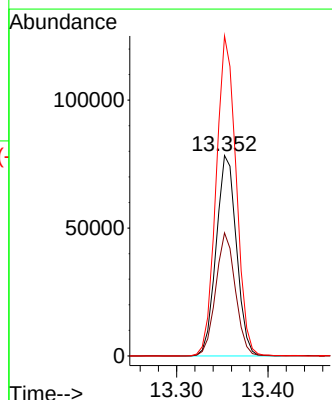
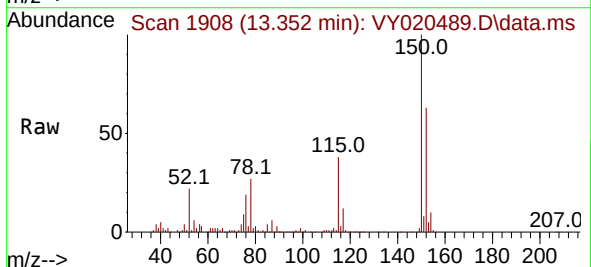
Tgt Ion:152 Resp: 120979

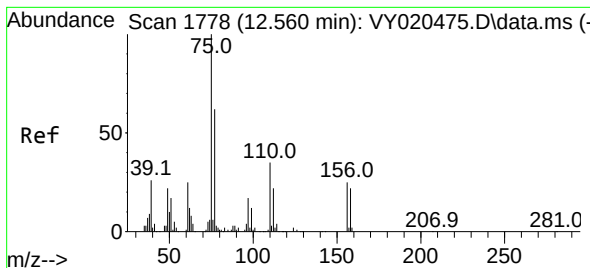
Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 157.4 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 58.955 ug/l

RT: 12.413 min Scan# 1754

Delta R.T. -0.141 min

Lab File: VY020489.D

Acq: 02 Dec 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

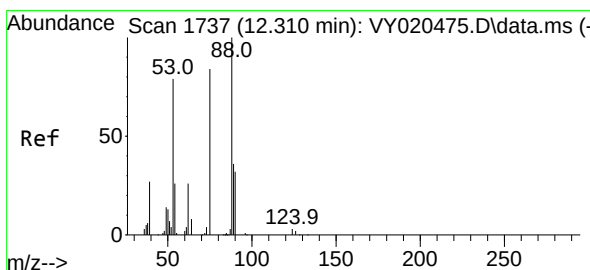
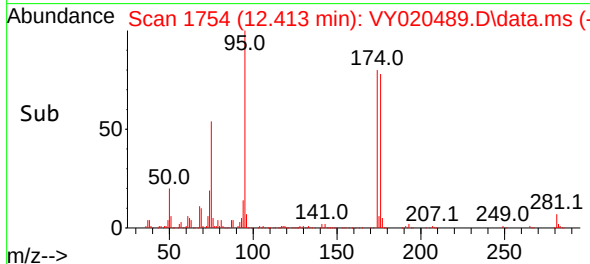
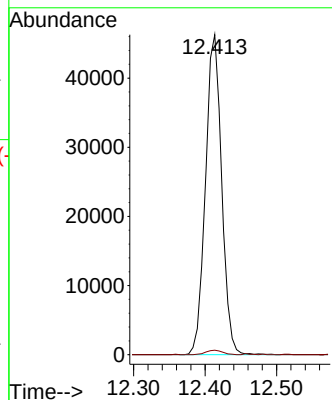
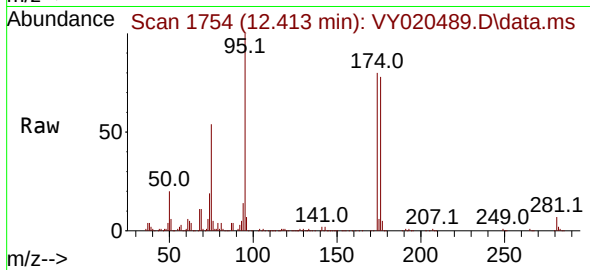
SOIL-1-HAM-GRAB

Tgt Ion: 75 Resp: 72656

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 120.967 ug/l

RT: 12.413 min Scan# 1754

Delta R.T. 0.109 min

Lab File: VY020489.D

Acq: 02 Dec 2024 16:44

Tgt Ion: 75 Resp: 72656

Ion Ratio Lower Upper

75 100

53 0.1 81.1 121.7#

89 0.0 35.1 52.7#

