

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007235.D
 Acq On : 19 Jan 2022 21:00
 Operator : SY/MD
 Sample : N1189-23
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-12

Quant Time: Jan 20 00:18:50 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)

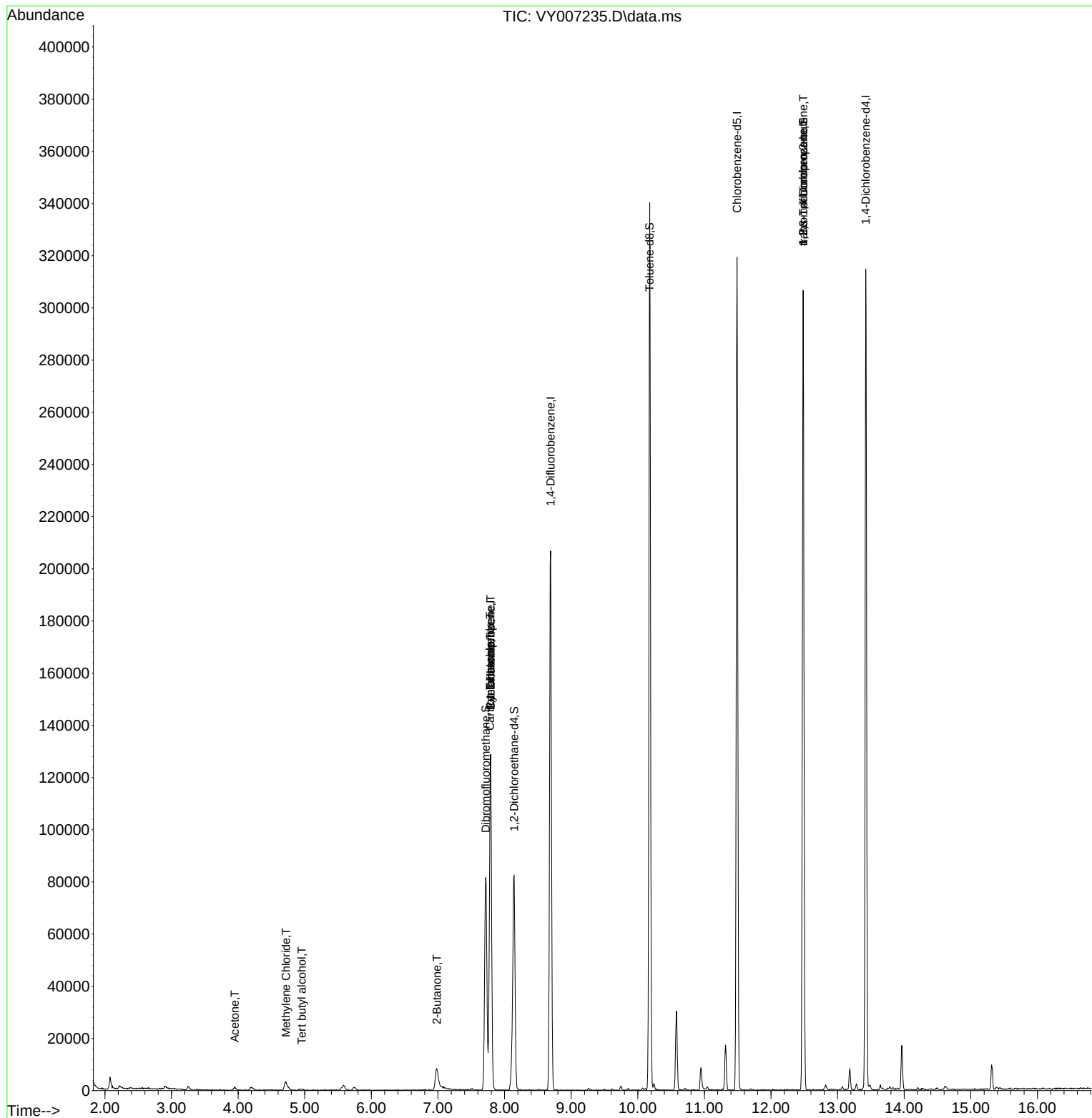
Internal Standards						
1) Pentafluorobenzene	7.789	168	94086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	173938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	167168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62468	54.111	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 108.220%		
35) Dibromofluoromethane	7.716	113	58949	50.121	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 100.240%		
50) Toluene-d8	10.179	98	214524	49.918	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 99.840%		
62) 4-Bromofluorobenzene	12.483	95	78863	51.588	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 103.180%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1076	6.238	ug/l #	82
16) Acetone	3.948	43	1986	6.629	ug/l	95
20) Methylene Chloride	4.716	84	2319	1.872	ug/l #	92
25) 2-Butanone	6.984	43	1537	3.968	ug/l	95
31) Cyclohexane	7.789	56	2261	1.158	ug/l #	22
36) 1,1-Dichloropropene	7.789	75	8496	4.523	ug/l #	50
38) Carbon Tetrachloride	7.783	117	9969	5.045	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	44108	51.891	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44108	94.997	ug/l #	3

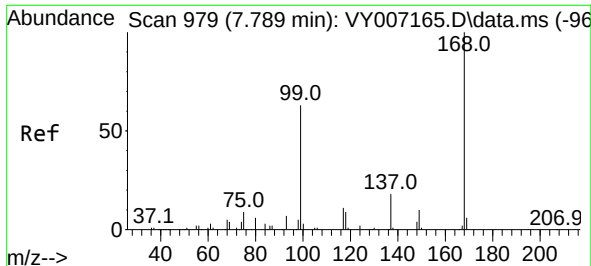
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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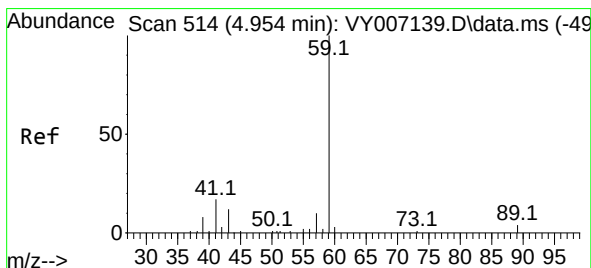
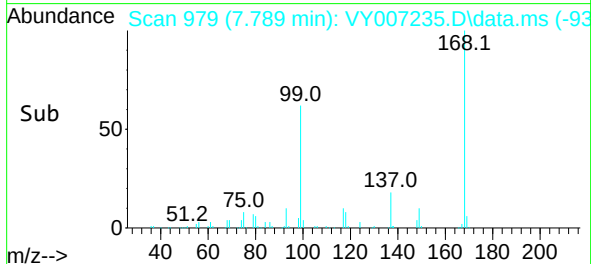
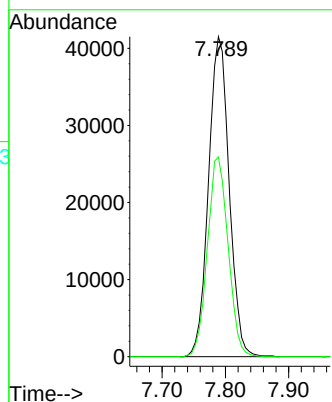
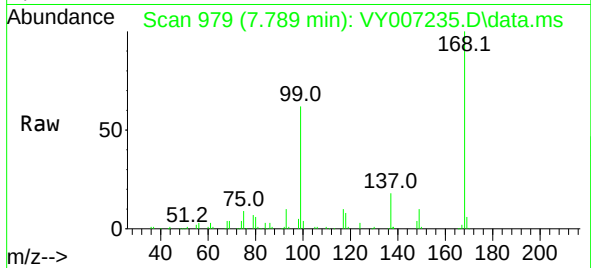




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007235.D
Acq: 19 Jan 2022 21:00

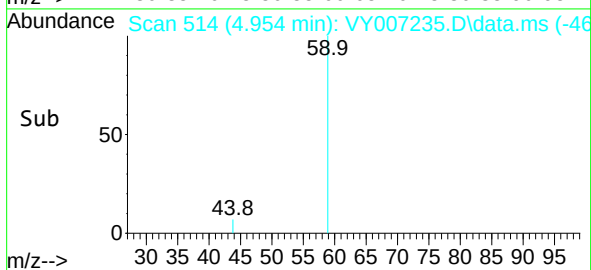
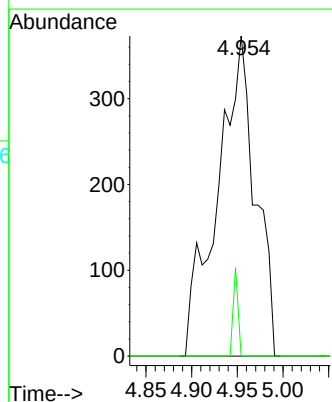
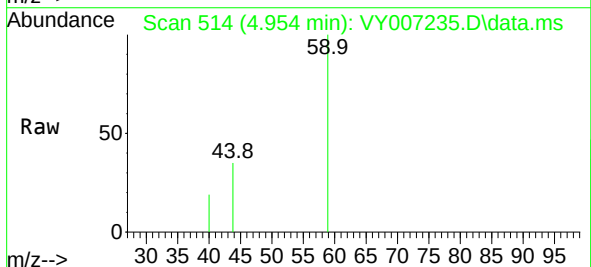
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-12

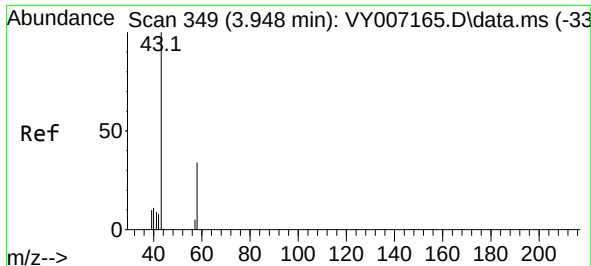
Tgt Ion:168 Resp: 94086
Ion Ratio Lower Upper
168 100
99 62.4 49.1 73.7



#11
Tert butyl alcohol
Concen: 6.238 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY007235.D
Acq: 19 Jan 2022 21:00

Tgt Ion: 59 Resp: 1076
Ion Ratio Lower Upper
59 100
57 3.5 8.1 12.1#





#16

Acetone

Concen: 6.629 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007235.D

Acq: 19 Jan 2022 21:00

Instrument :

MSVOA_Y

ClientSampleId :

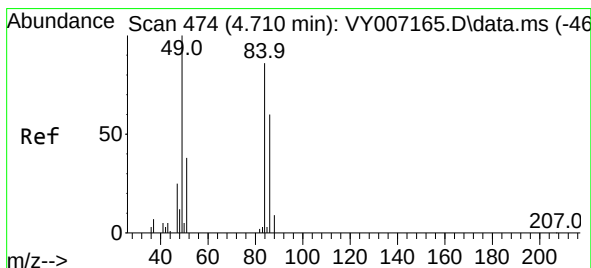
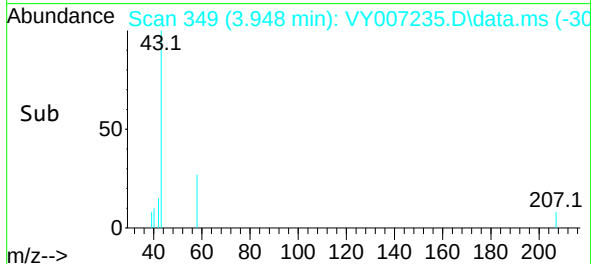
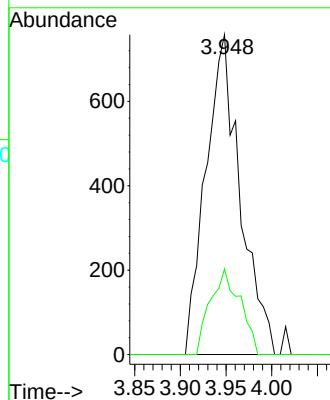
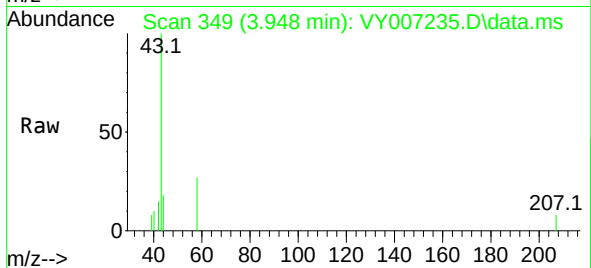
MTR-SOIL-12

Tgt Ion: 43 Resp: 1986

Ion Ratio Lower Upper

43 100

58 26.8 23.8 35.6



#20

Methylene Chloride

Concen: 1.872 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.007 min

Lab File: VY007235.D

Acq: 19 Jan 2022 21:00

Tgt Ion: 84 Resp: 2319

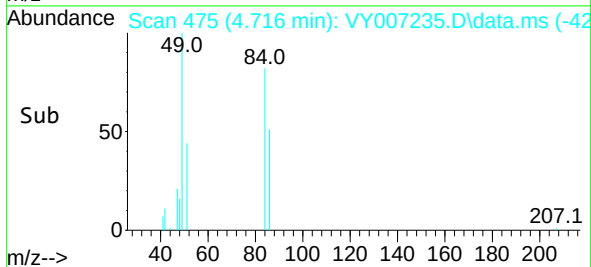
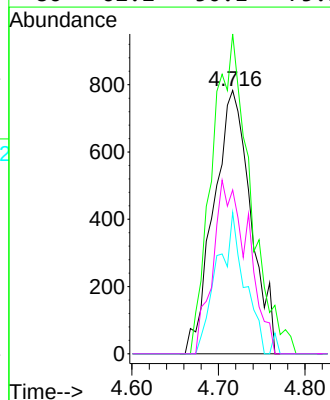
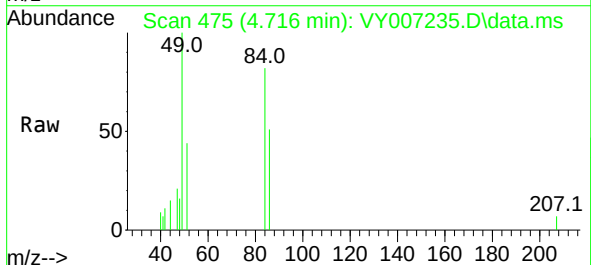
Ion Ratio Lower Upper

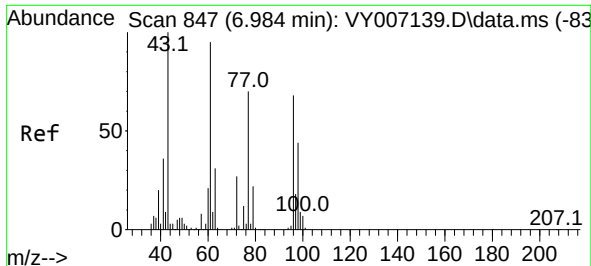
84 100

49 121.5 92.6 139.0

51 53.6 28.6 42.8#

86 62.2 50.1 75.1

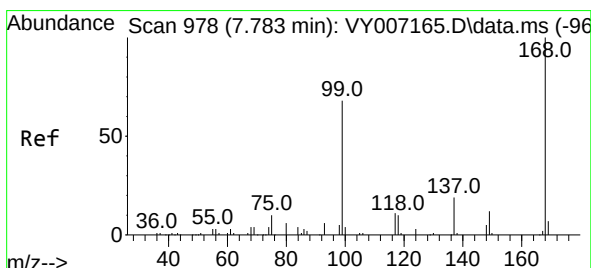
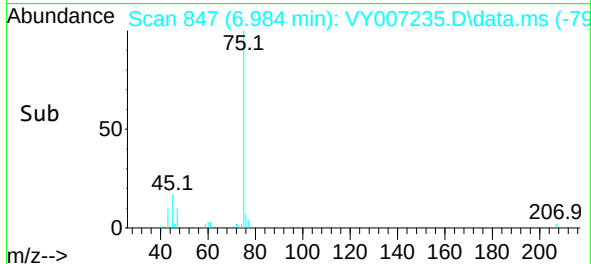
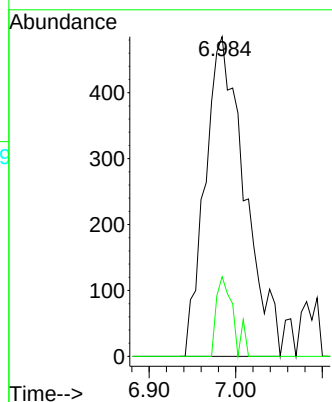
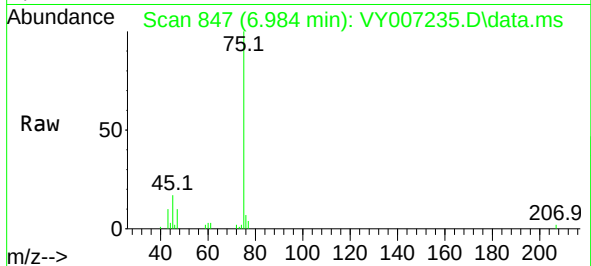




#25
2-Butanone
Concen: 3.968 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007235.D
Acq: 19 Jan 2022 21:00

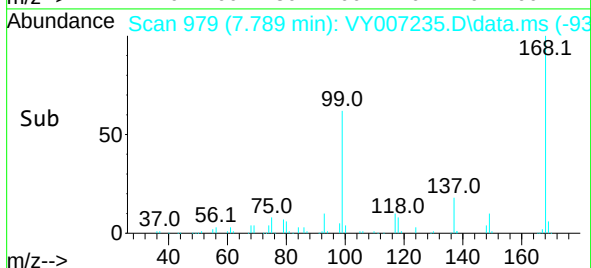
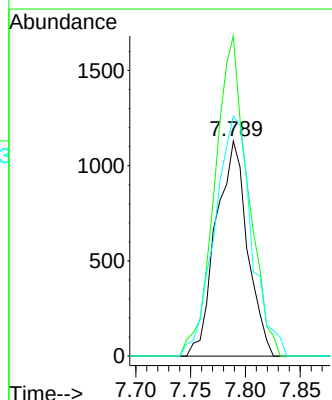
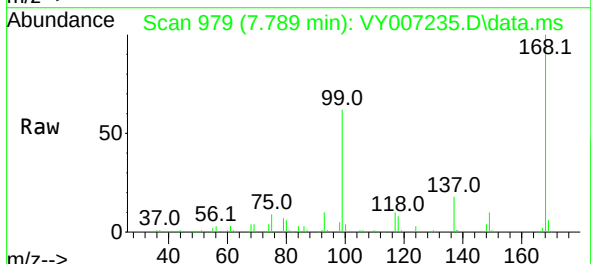
Instrument :
MSVOA_Y
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MTR-SOIL-12

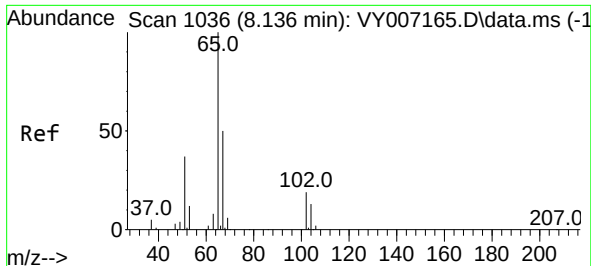
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
72 24.9 21.9 32.9



#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY007235.D
Acq: 19 Jan 2022 21:00

Tgt Ion: 56 Resp: 2261
Ion Ratio Lower Upper
56 100
69 148.8 27.2 40.8#
84 120.0 72.1 108.1#

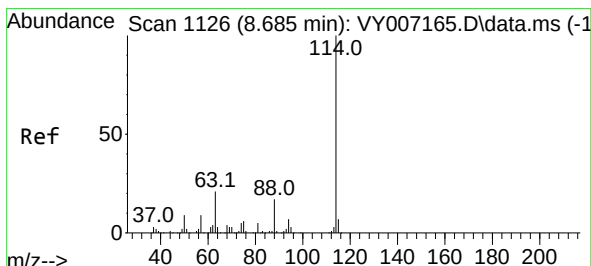
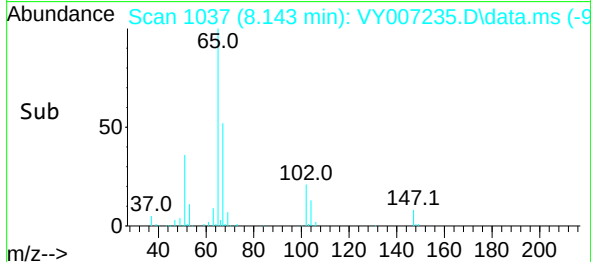
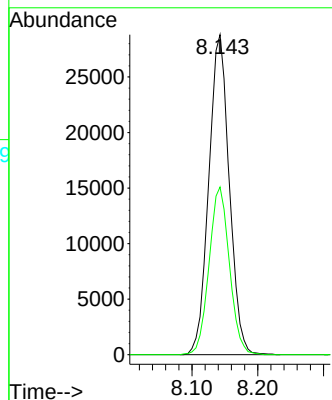
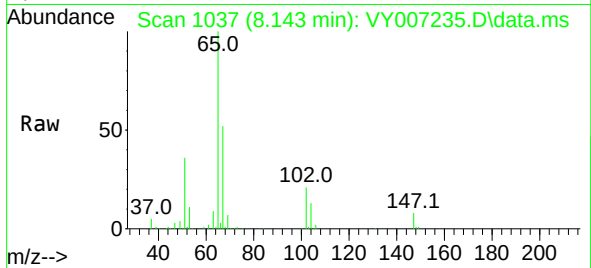




#33
1,2-Dichloroethane-d4
Concen: 54.111 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007235.D
Acq: 19 Jan 2022 21:00

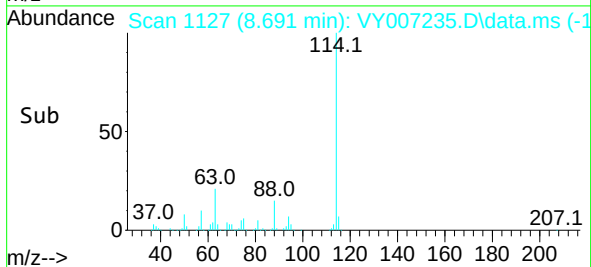
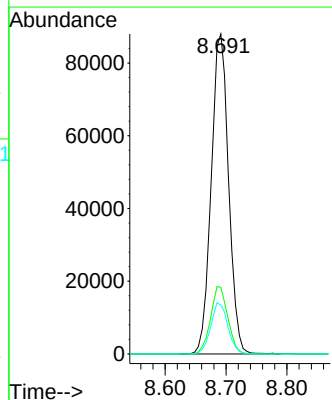
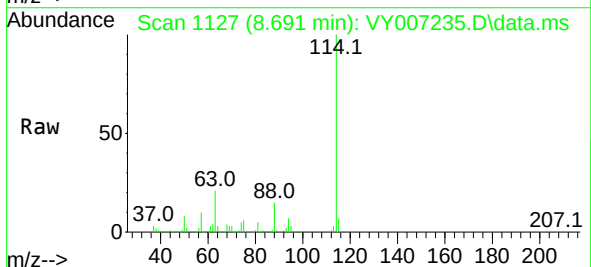
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-12

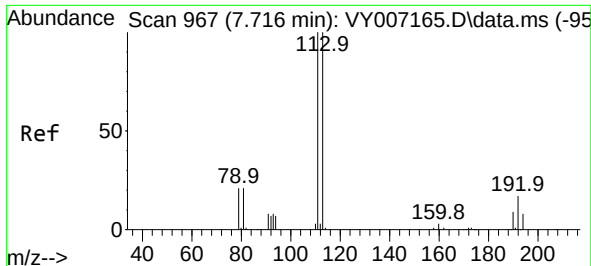
Tgt Ion: 65 Resp: 62468
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007235.D
Acq: 19 Jan 2022 21:00

Tgt Ion:114 Resp: 173938
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.2
88 15.3 0.0 31.0

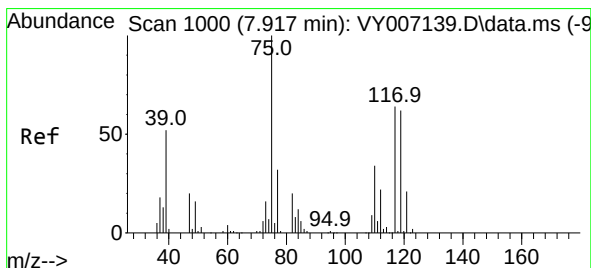
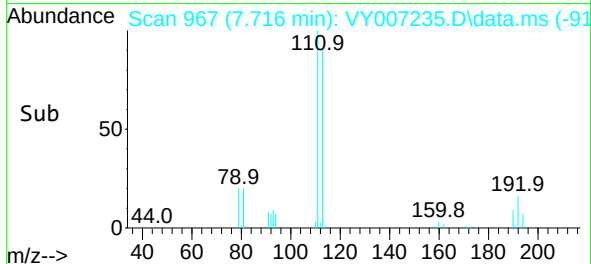
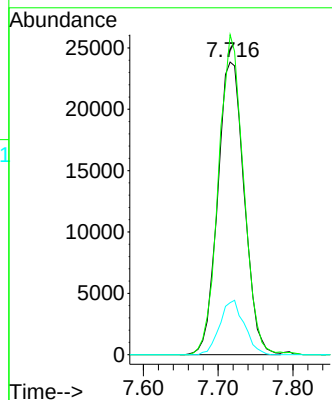
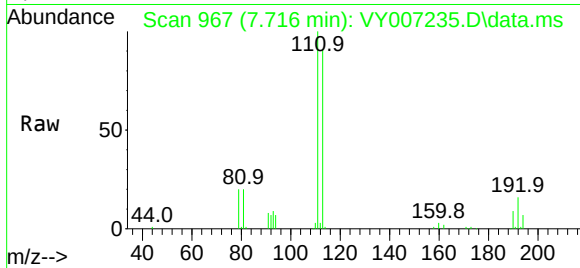




#35
Dibromofluoromethane
Concen: 50.121 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY007235.D
Acq: 19 Jan 2022 21:00

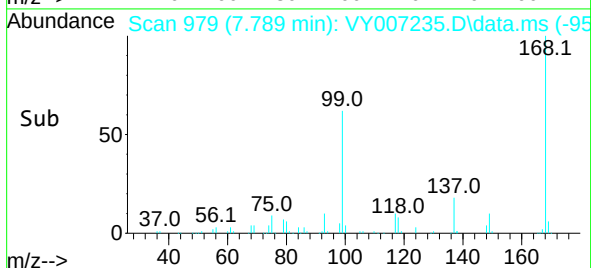
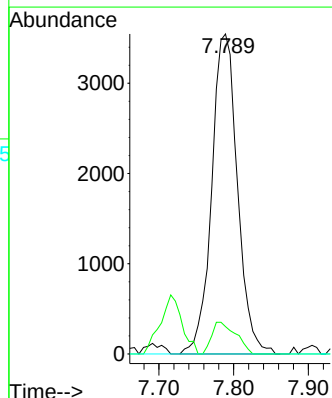
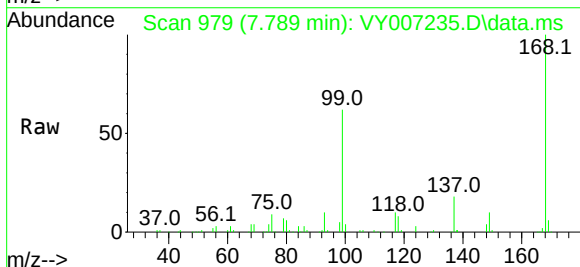
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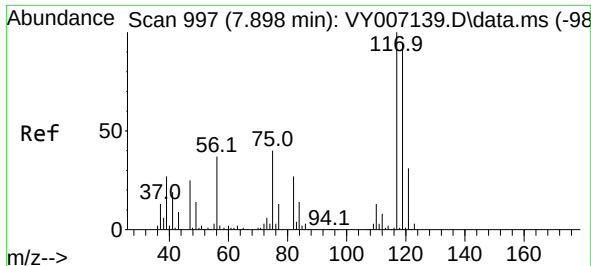
Tgt Ion:113 Resp: 58949
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.1 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.523 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007235.D
Acq: 19 Jan 2022 21:00

Tgt Ion: 75 Resp: 8496
Ion Ratio Lower Upper
75 100
110 9.3 17.3 51.9#
77 0.0 24.7 37.1#

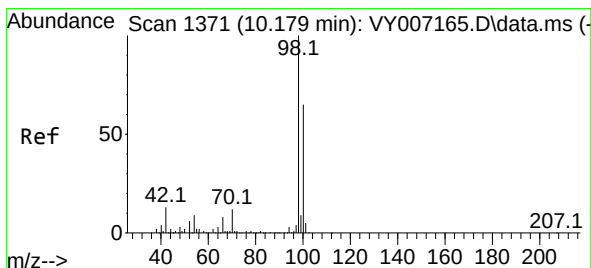
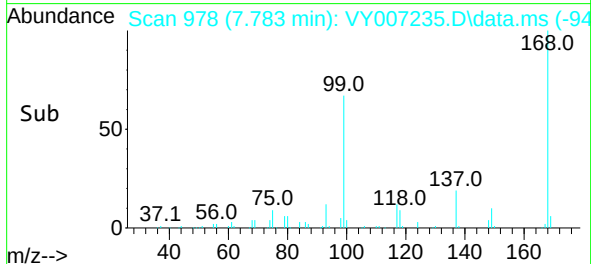
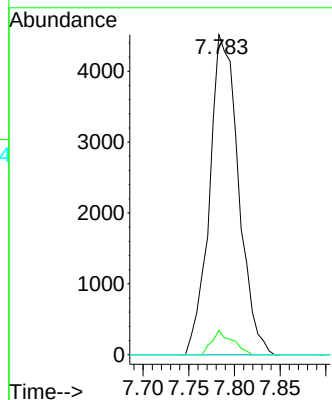
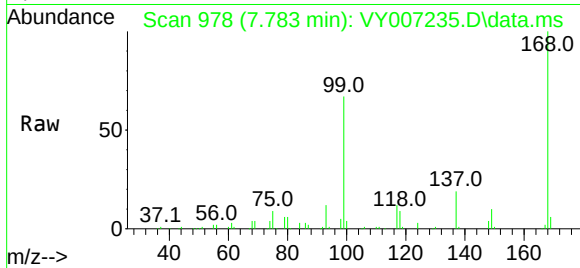




#38
Carbon Tetrachloride
Concen: 5.045 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY007235.D
Acq: 19 Jan 2022 21:00

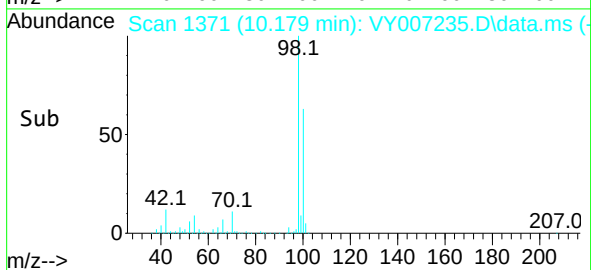
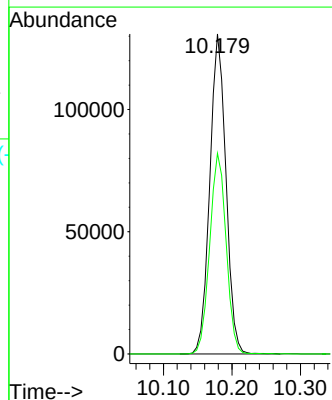
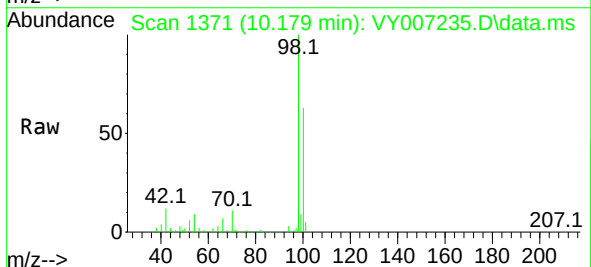
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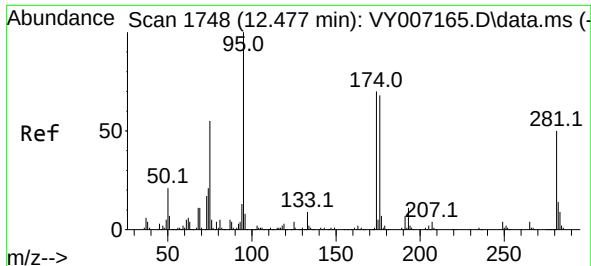
Tgt Ion:117 Resp: 9969
Ion Ratio Lower Upper
117 100
119 7.6 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.918 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007235.D
Acq: 19 Jan 2022 21:00

Tgt Ion: 98 Resp: 214524
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2

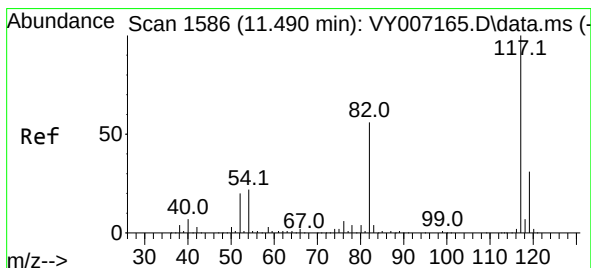
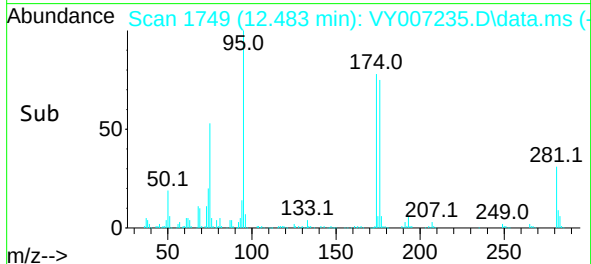
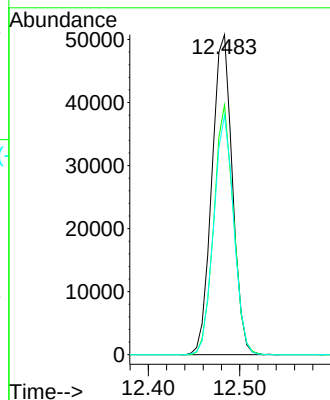
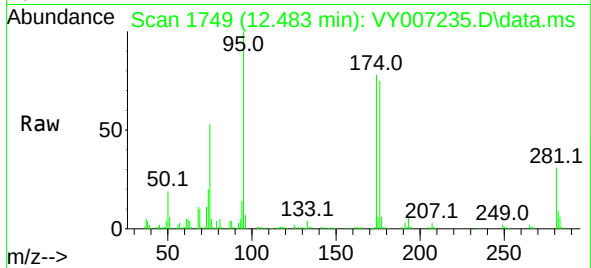




#62
4-Bromofluorobenzene
Concen: 51.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007235.D
Acq: 19 Jan 2022 21:00

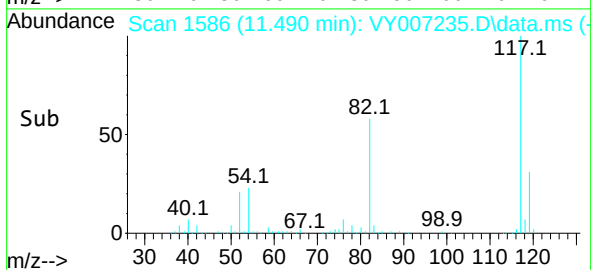
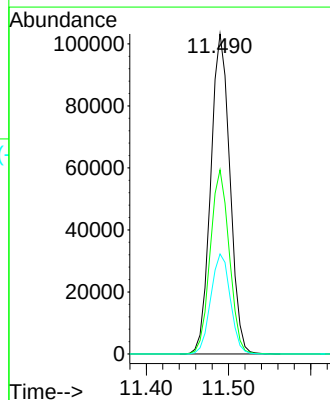
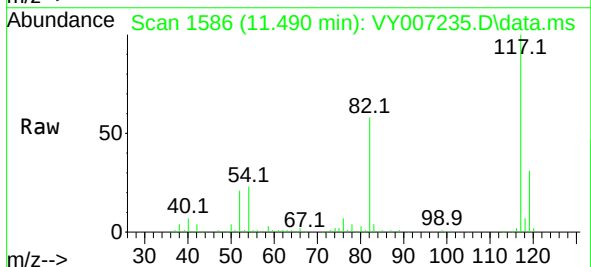
Instrument :
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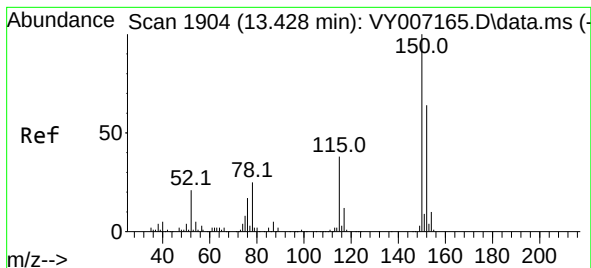
Tgt Ion: 95 Resp: 78863
Ion Ratio Lower Upper
95 100
174 75.1 0.0 148.4
176 73.4 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007235.D
Acq: 19 Jan 2022 21:00

Tgt Ion: 117 Resp: 167168
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.0
119 31.2 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY007235.D

Acq: 19 Jan 2022 21:00

Instrument :

MSVOA_Y

ClientSampleId :

MTR-SOIL-12

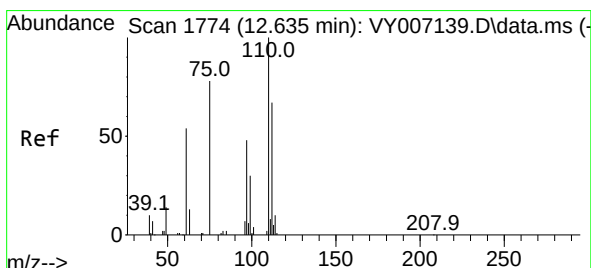
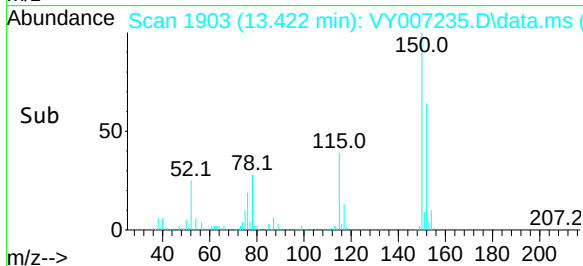
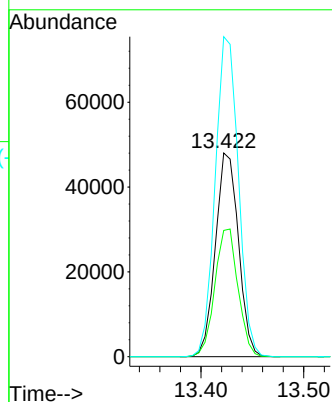
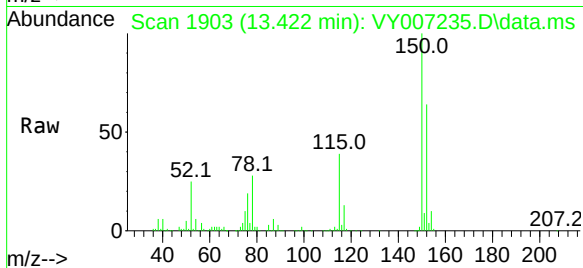
Tgt Ion:152 Resp: 74546

Ion Ratio Lower Upper

152 100

115 63.3 31.4 94.0

150 158.5 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 51.891 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007235.D

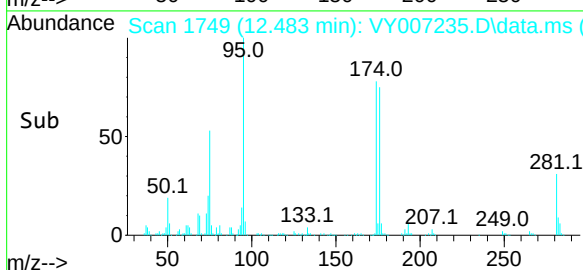
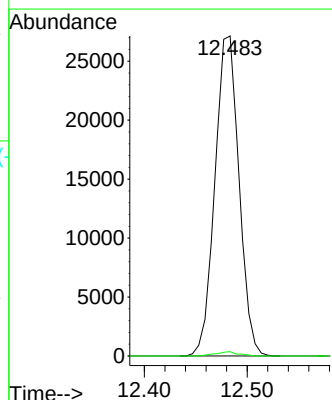
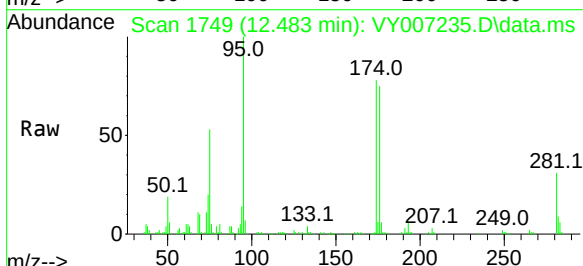
Acq: 19 Jan 2022 21:00

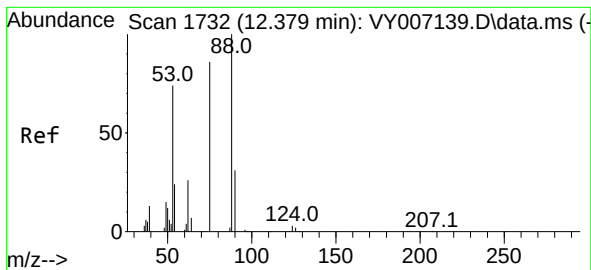
Tgt Ion: 75 Resp: 44108

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.997 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007235.D
 Acq: 19 Jan 2022 21:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-12

Tgt Ion: 75 Resp: 44108
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.9 0.0 0.0#

