

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007226.D
 Acq On : 19 Jan 2022 17:24
 Operator : SY/MD
 Sample : N1189-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-3

Quant Time: Jan 20 00:17:24 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)

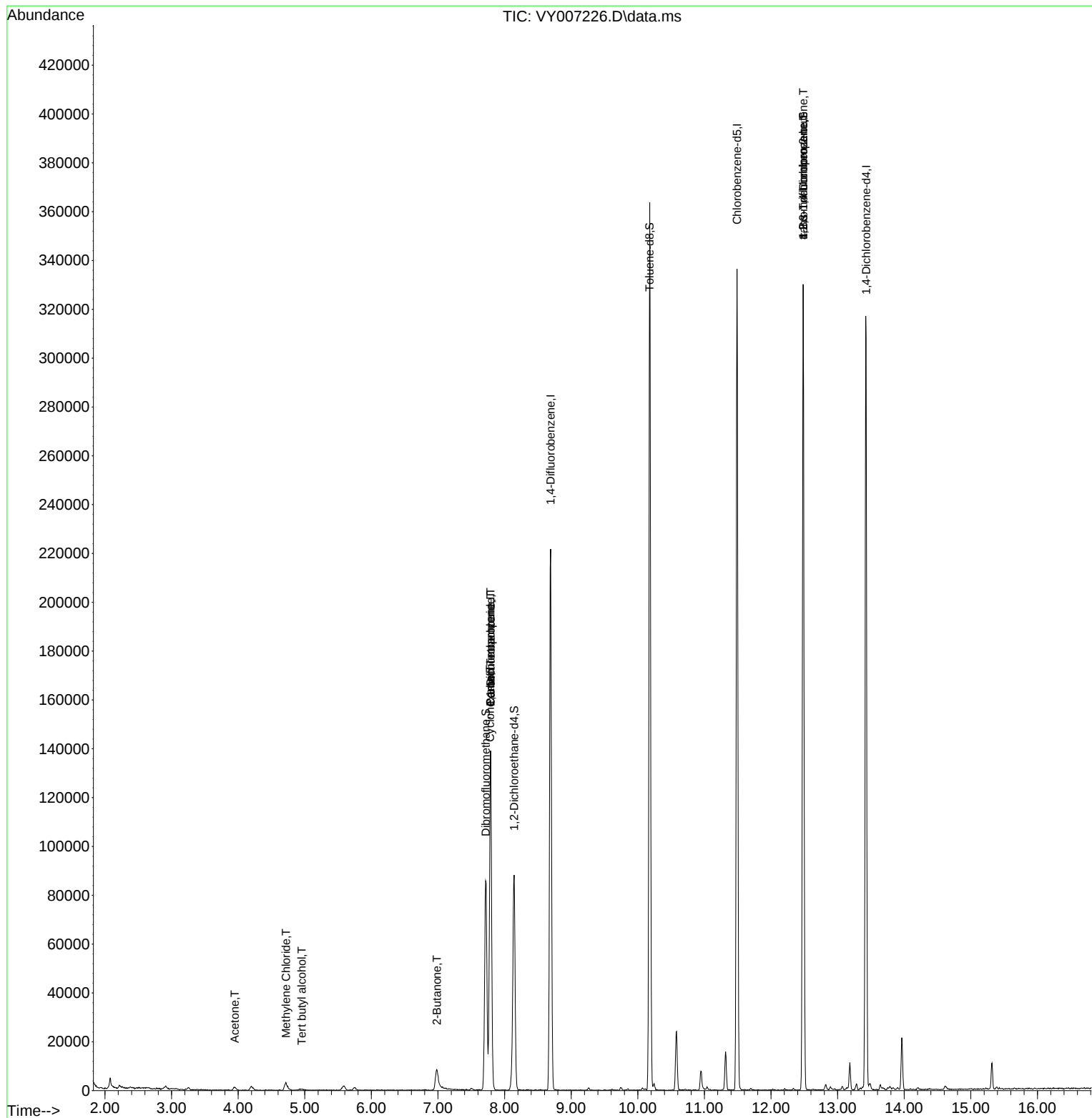
Internal Standards						
1) Pentafluorobenzene	7.789	168	99362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67628	55.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.940%
35) Dibromofluoromethane	7.716	113	62170	49.810	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.179	98	226085	49.573	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.483	95	85089	52.450	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1170	6.568	ug/l #	73
16) Acetone	3.948	43	2330	7.364	ug/l	91
20) Methylene Chloride	4.716	84	2111	1.613	ug/l	88
25) 2-Butanone	6.984	43	1641	4.011	ug/l #	89
31) Cyclohexane	7.783	56	2261	1.097	ug/l #	40
36) 1,1-Dichloropropene	7.789	75	8620	4.324	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10969	5.231	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	47093	53.014	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47093	97.054	ug/l #	3

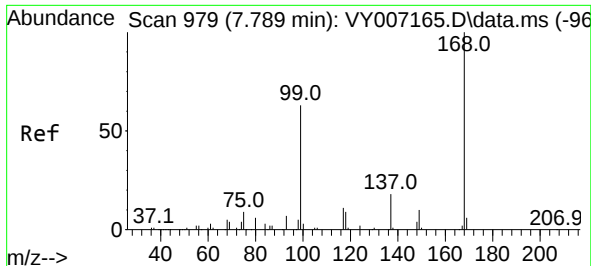
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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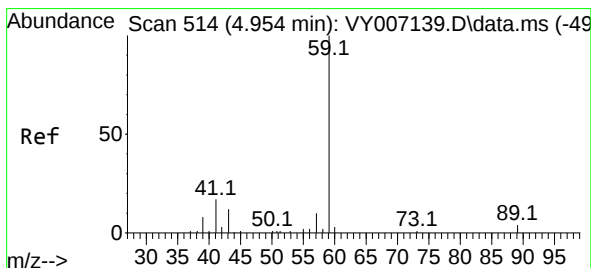
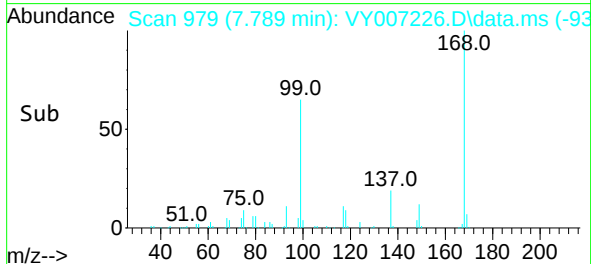
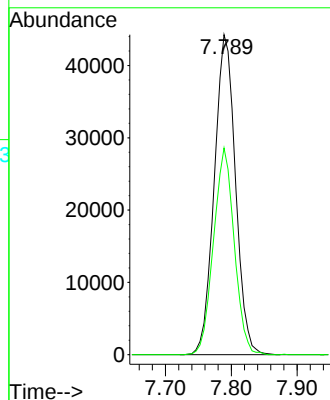
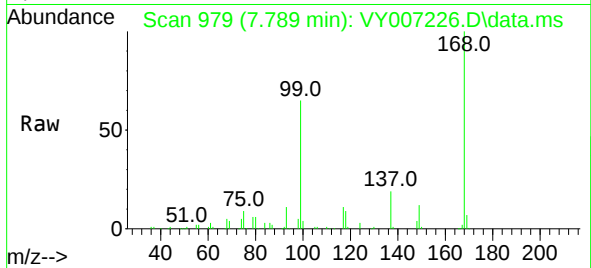




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007226.D
Acq: 19 Jan 2022 17:24

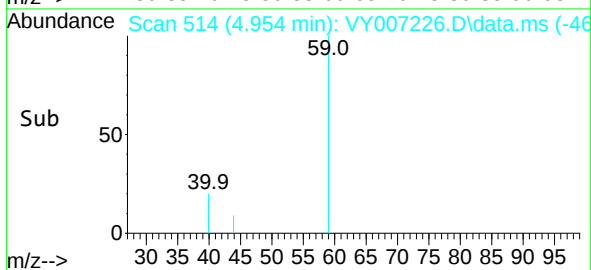
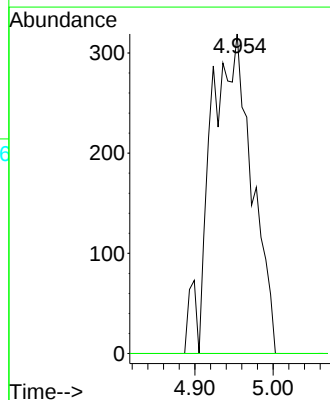
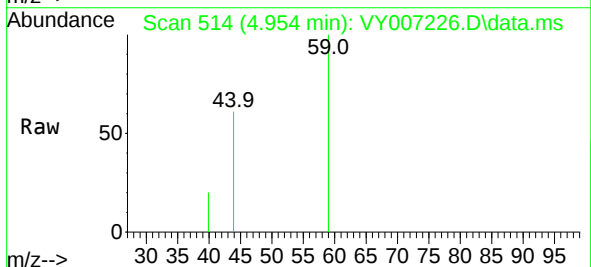
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-3

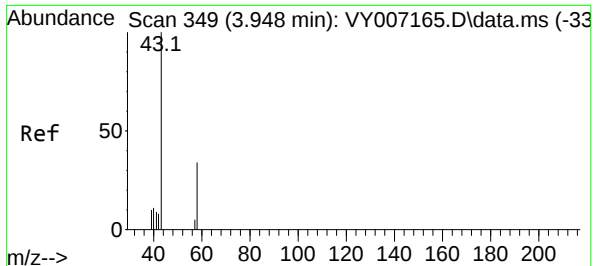
Tgt Ion:168 Resp: 99362
Ion Ratio Lower Upper
168 100
99 64.6 49.1 73.7



#11
Tert butyl alcohol
Concen: 6.568 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY007226.D
Acq: 19 Jan 2022 17:24

Tgt Ion: 59 Resp: 1170
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 7.364 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007226.D

Acq: 19 Jan 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

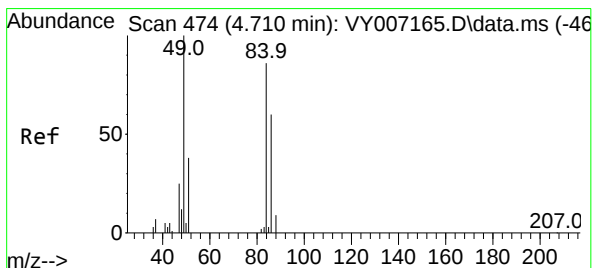
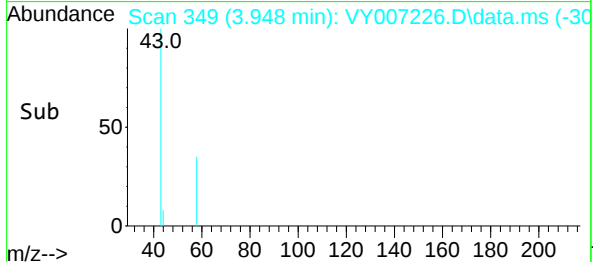
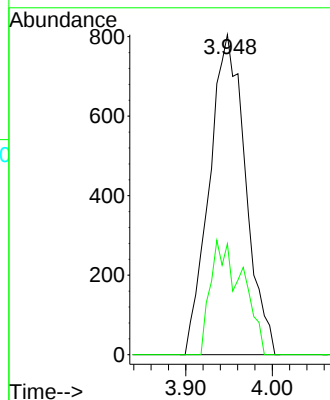
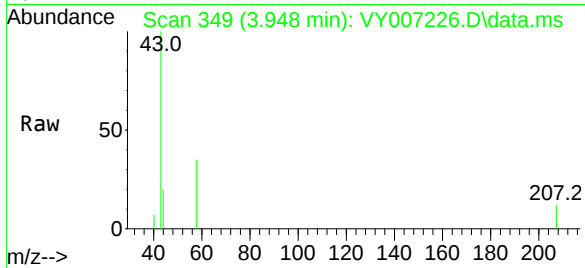
MTR-SOIL-3

Tgt Ion: 43 Resp: 2330

Ion Ratio Lower Upper

43 100

58 34.7 23.8 35.6



#20

Methylene Chloride

Concen: 1.613 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY007226.D

Acq: 19 Jan 2022 17:24

Tgt Ion: 84 Resp: 2111

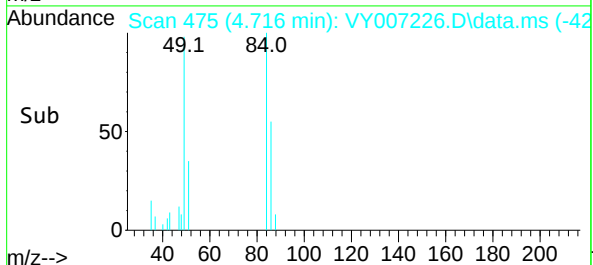
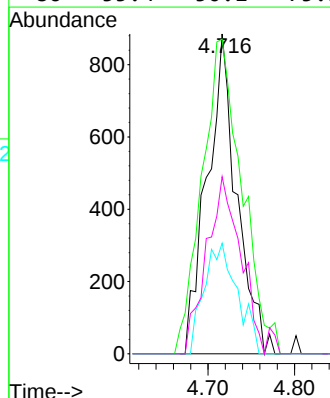
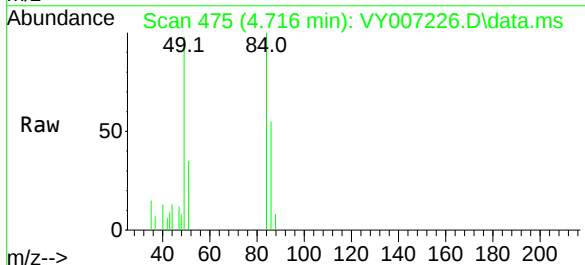
Ion Ratio Lower Upper

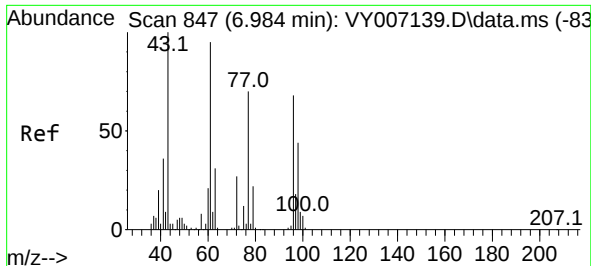
84 100

49 98.4 92.6 139.0

51 34.6 28.6 42.8

86 55.4 50.1 75.1

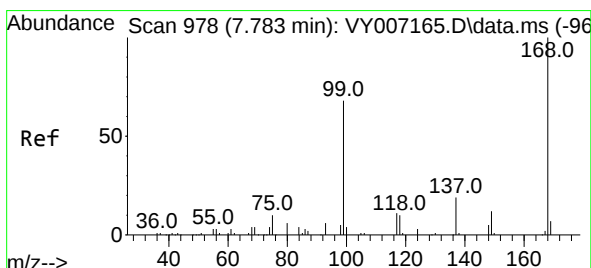
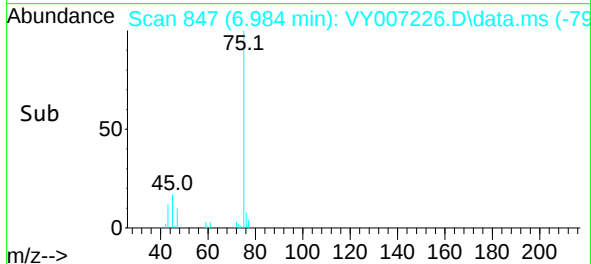
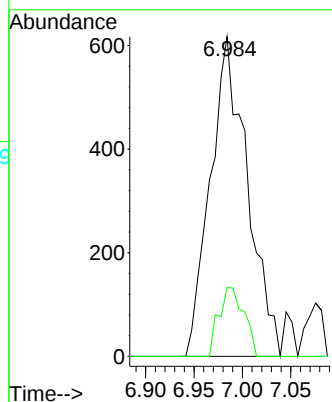
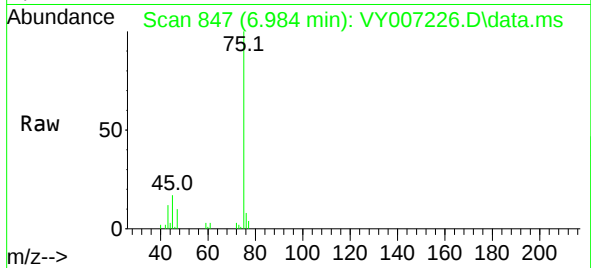




#25
2-Butanone
Concen: 4.011 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007226.D
Acq: 19 Jan 2022 17:24

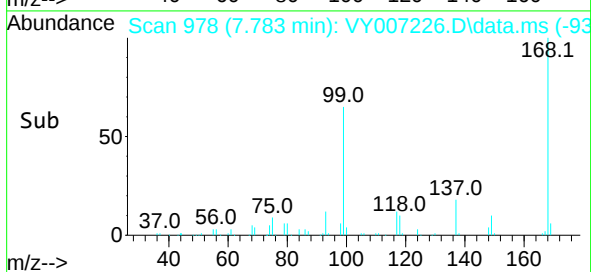
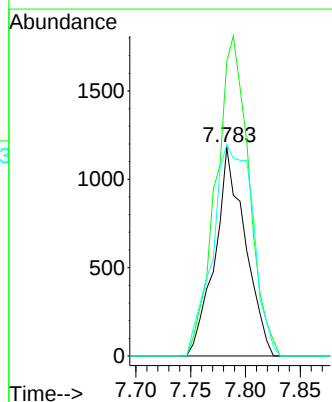
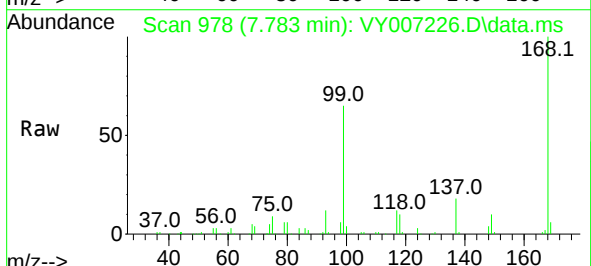
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-3

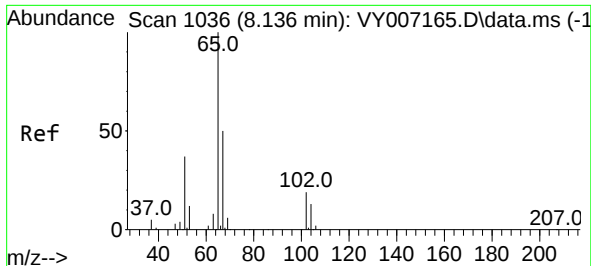
Tgt Ion: 43 Resp: 1641
Ion Ratio Lower Upper
43 100
72 21.6 21.9 32.9#



#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY007226.D
Acq: 19 Jan 2022 17:24

Tgt Ion: 56 Resp: 2261
Ion Ratio Lower Upper
56 100
69 141.0 27.2 40.8#
84 101.3 72.1 108.1





#33

1,2-Dichloroethane-d4

Concen: 55.470 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY007226.D

Acq: 19 Jan 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

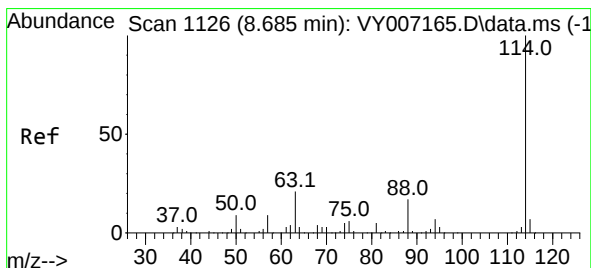
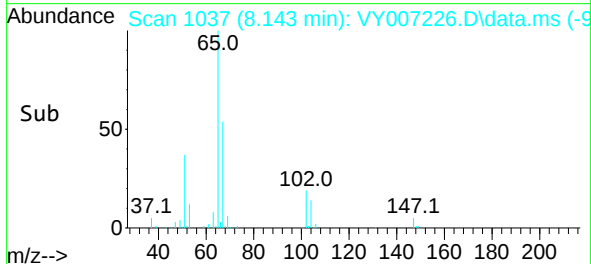
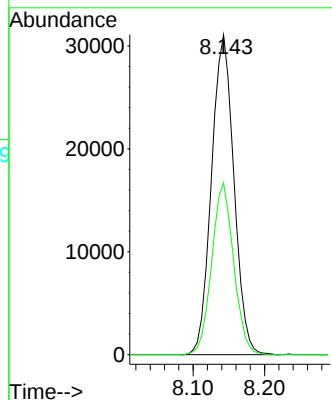
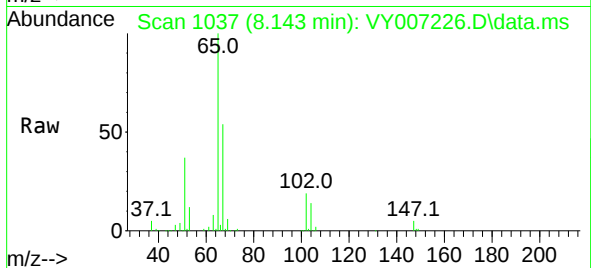
MTR-SOIL-3

Tgt Ion: 65 Resp: 67628

Ion Ratio Lower Upper

65 100

67 52.4 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: VY007226.D

Acq: 19 Jan 2022 17:24

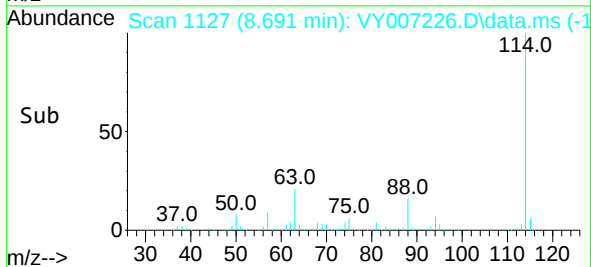
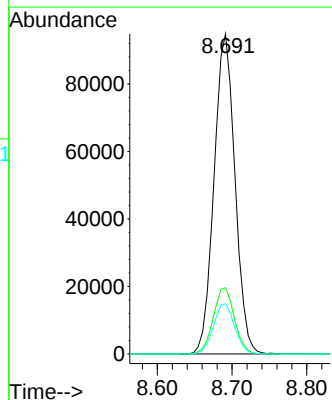
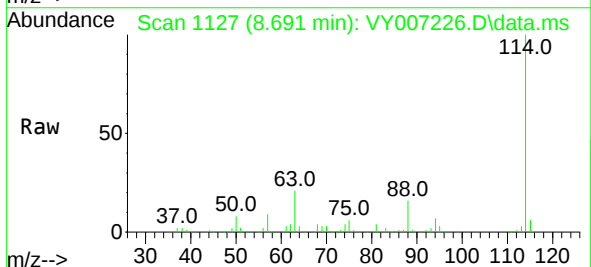
Tgt Ion: 114 Resp: 184586

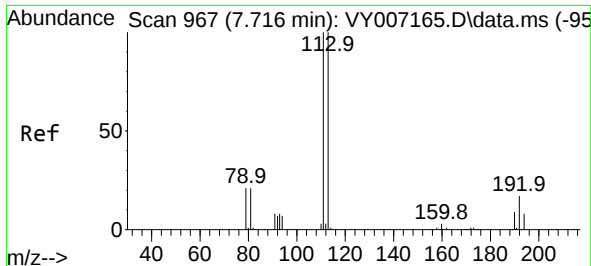
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 15.7 0.0 31.0

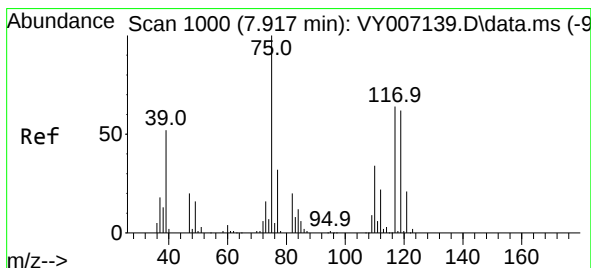
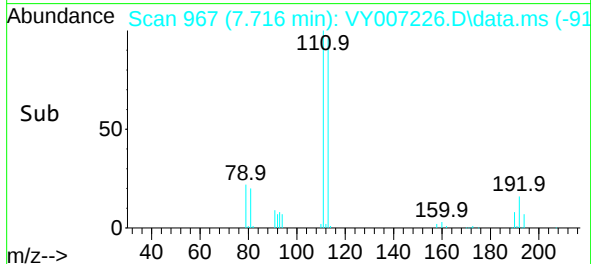
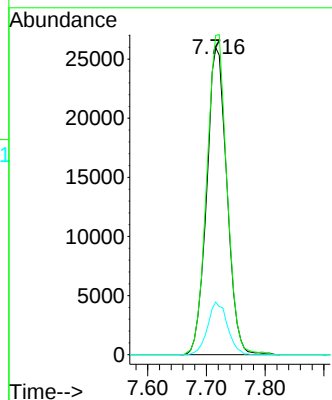
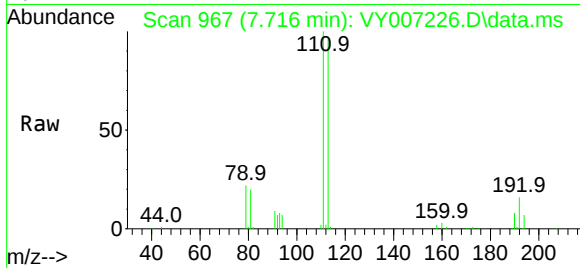




#35
Dibromofluoromethane
Concen: 49.810 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY007226.D
Acq: 19 Jan 2022 17:24

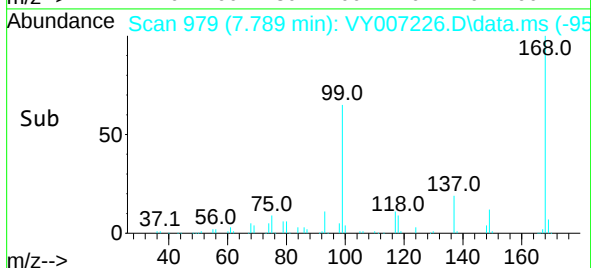
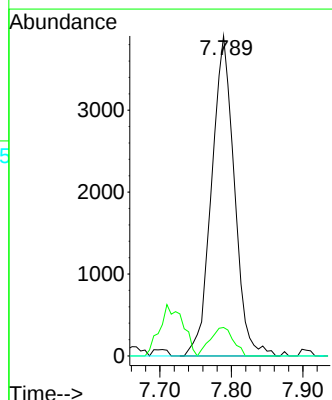
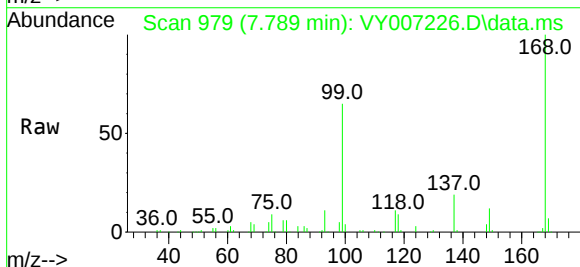
Instrument :
MSVOA_Y
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MTR-SOIL-3

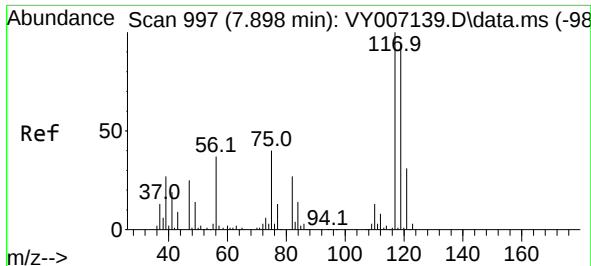
Tgt Ion:113 Resp: 62170
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 16.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.324 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007226.D
Acq: 19 Jan 2022 17:24

Tgt Ion: 75 Resp: 8620
Ion Ratio Lower Upper
75 100
110 9.1 17.3 51.9#
77 0.0 24.7 37.1#

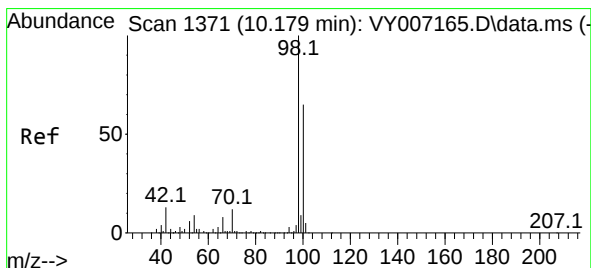
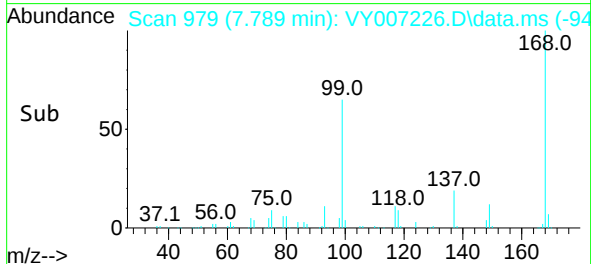
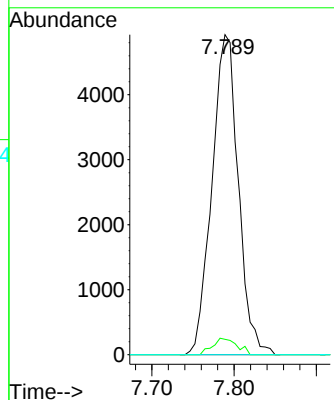
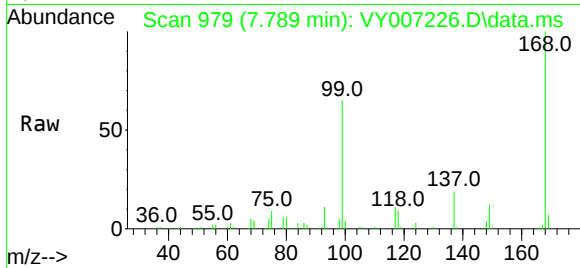




#38
Carbon Tetrachloride
Concen: 5.231 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007226.D
Acq: 19 Jan 2022 17:24

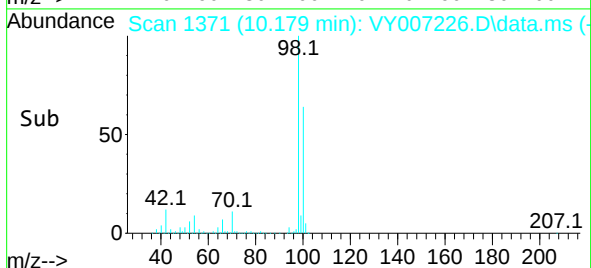
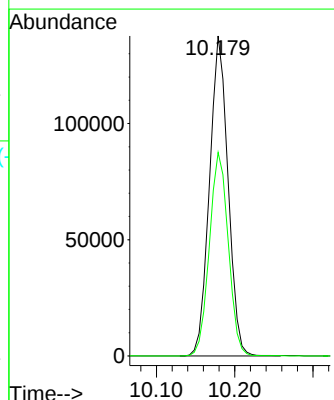
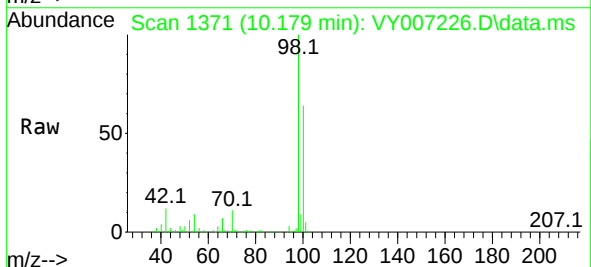
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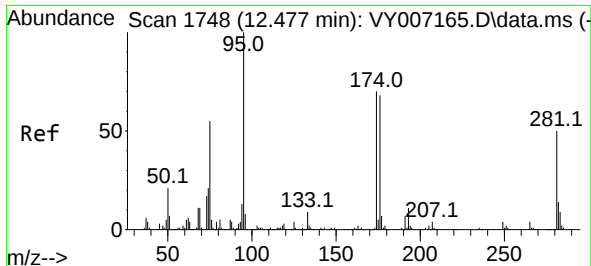
Tgt Ion:117 Resp: 10969
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.573 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007226.D
Acq: 19 Jan 2022 17:24

Tgt Ion: 98 Resp: 226085
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

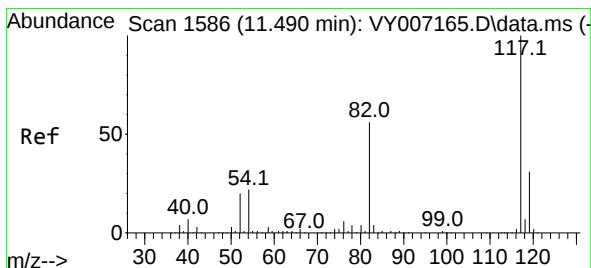
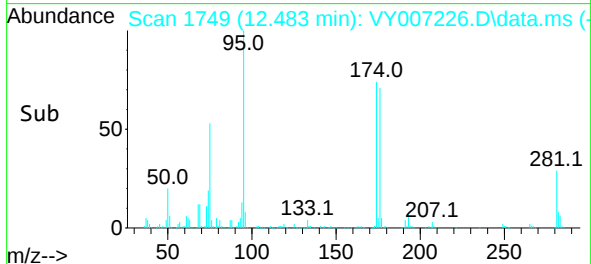
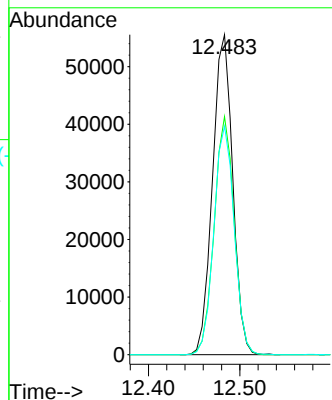
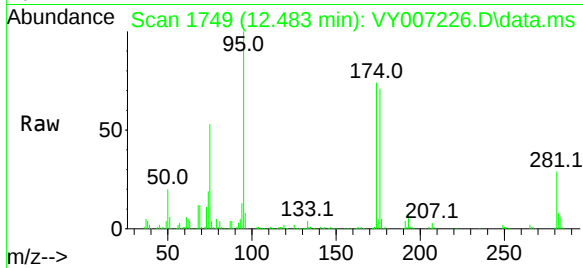




#62
4-Bromofluorobenzene
Concen: 52.450 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007226.D
Acq: 19 Jan 2022 17:24

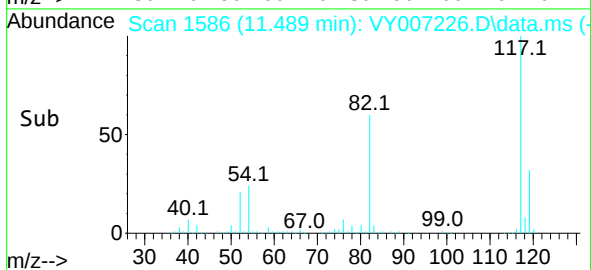
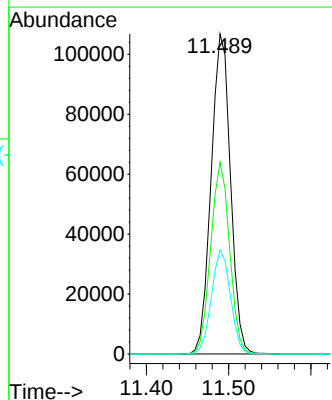
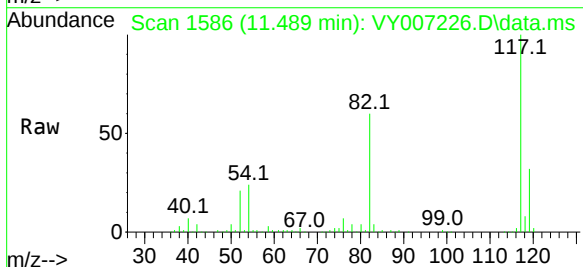
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-3

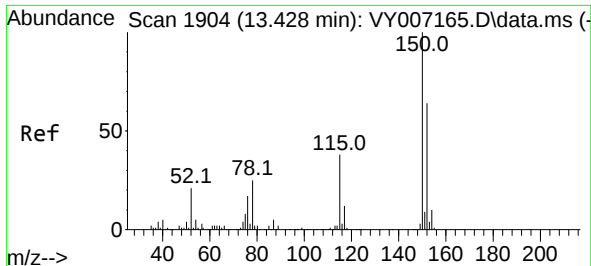
Tgt Ion: 95 Resp: 85089
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.4
176 72.2 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007226.D
Acq: 19 Jan 2022 17:24

Tgt Ion: 117 Resp: 174571
Ion Ratio Lower Upper
117 100
82 59.8 45.4 68.0
119 32.4 26.4 39.6

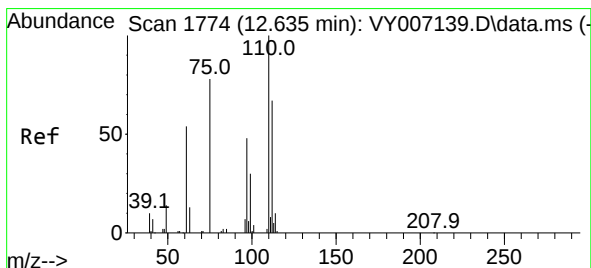
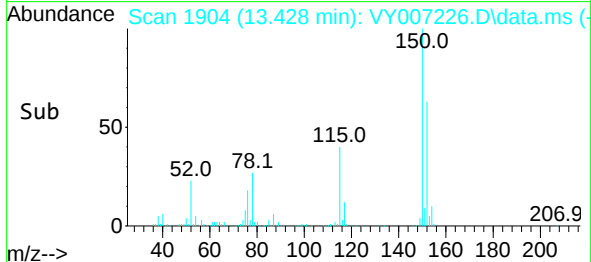
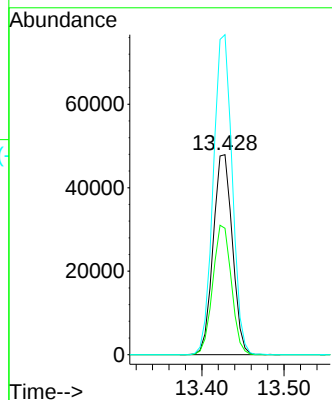
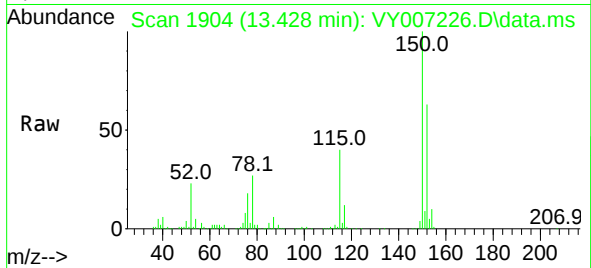




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007226.D
 Acq: 19 Jan 2022 17:24

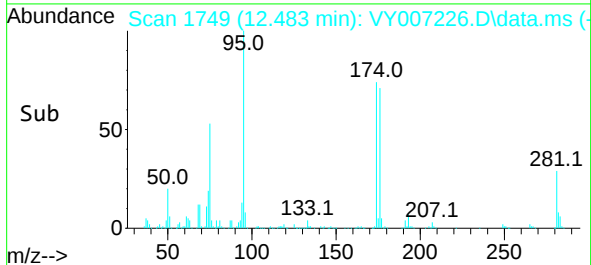
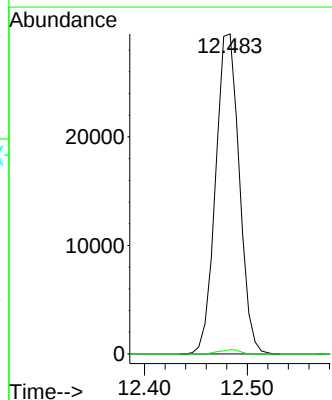
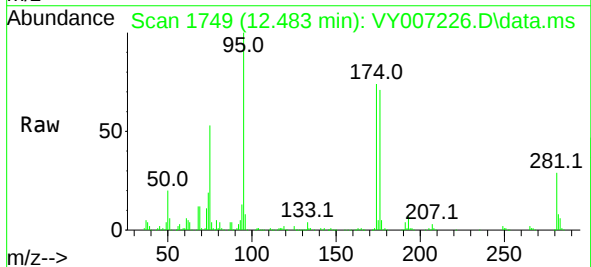
Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-3

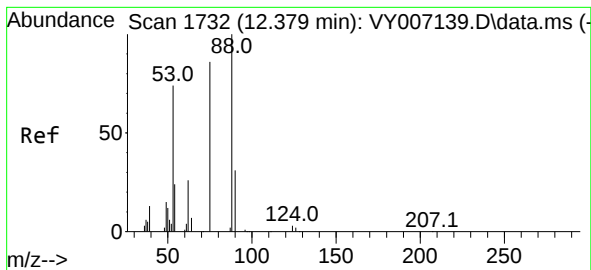
Tgt Ion:152 Resp: 77904
 Ion Ratio Lower Upper
 152 100
 115 62.6 31.4 94.0
 150 157.3 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 53.014 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007226.D
 Acq: 19 Jan 2022 17:24

Tgt Ion: 75 Resp: 47093
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.054 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007226.D
 Acq: 19 Jan 2022 17:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-3

Tgt Ion: 75 Resp: 47093
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.7 0.0 0.0#

