

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007233.D
 Acq On : 19 Jan 2022 20:13
 Operator : SY/MD
 Sample : N1189-19
 Misc : 3.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-10

Quant Time: Jan 20 00:18:31 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)

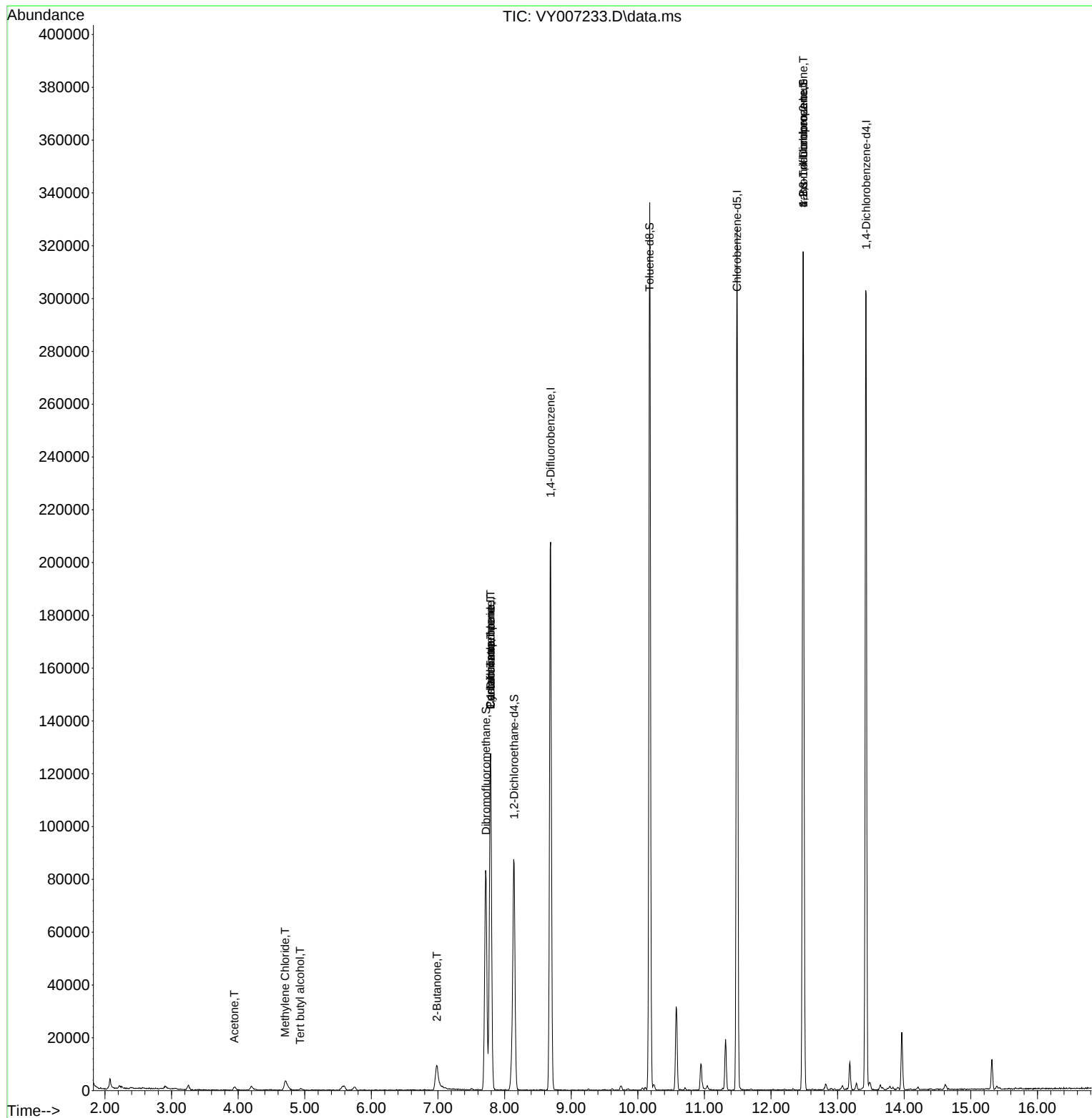
Internal Standards						
1) Pentafluorobenzene	7.789	168	93539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	174850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	167747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64325	56.045	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.100%
35) Dibromofluoromethane	7.722	113	59142	50.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.179	98	214375	49.623	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.483	95	80160	52.163	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	1204	7.637	ug/l #	73
16) Acetone	3.942	43	2198	7.379	ug/l	92
20) Methylene Chloride	4.704	84	2734	2.220	ug/l	91
25) 2-Butanone	6.984	43	1774	4.606	ug/l #	88
31) Cyclohexane	7.789	56	2335	1.203	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8753	4.635	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10119	5.095	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	44585	52.334	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44585	95.810	ug/l #	3

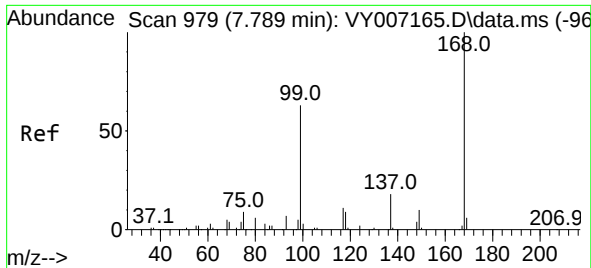
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
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MTR-SOIL-10

Quant Time: Jan 20 00:18:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
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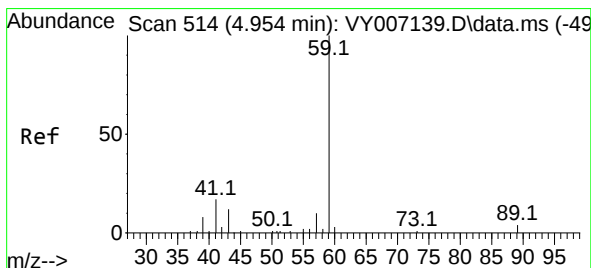
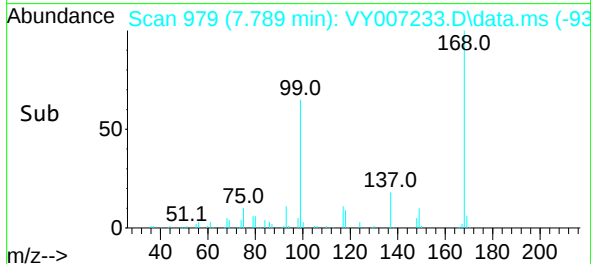
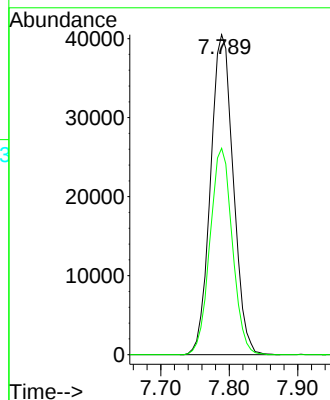
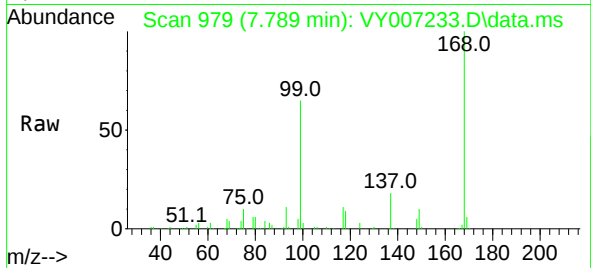




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007233.D
Acq: 19 Jan 2022 20:13

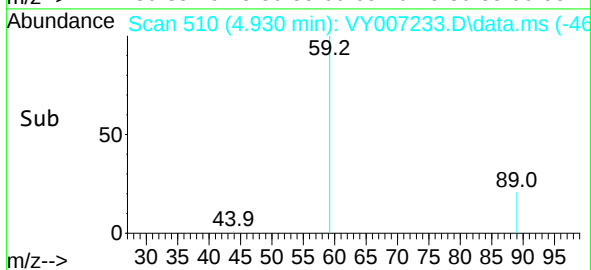
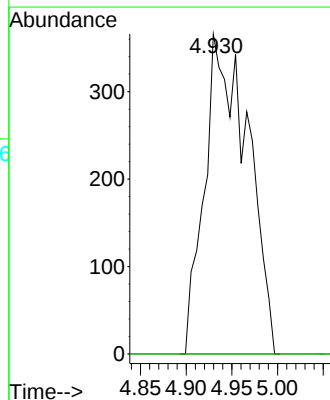
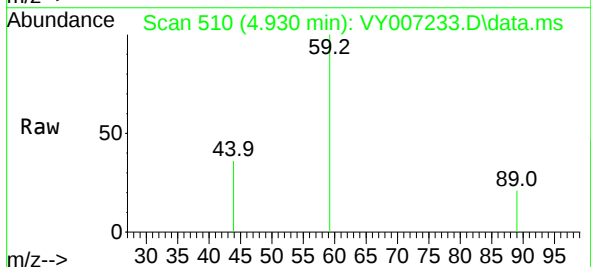
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-10

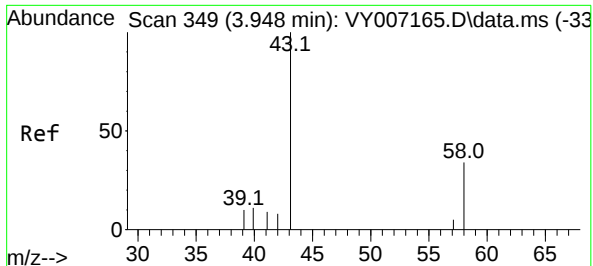
Tgt Ion:168 Resp: 93539
Ion Ratio Lower Upper
168 100
99 64.5 49.1 73.7



#11
Tert butyl alcohol
Concen: 7.637 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY007233.D
Acq: 19 Jan 2022 20:13

Tgt Ion: 59 Resp: 1204
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 7.379 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY007233.D

Acq: 19 Jan 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

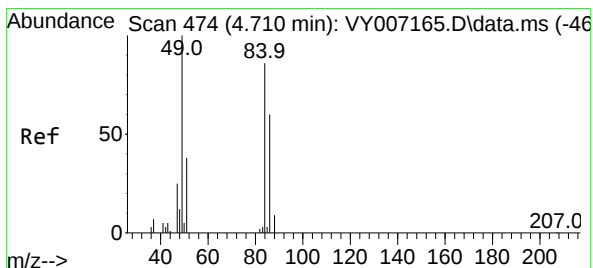
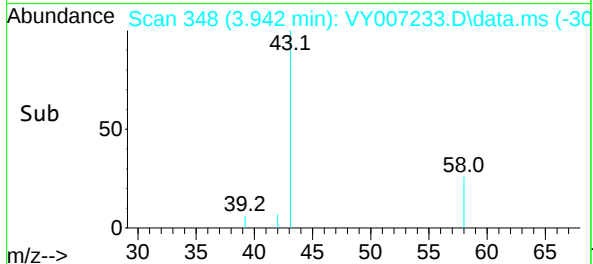
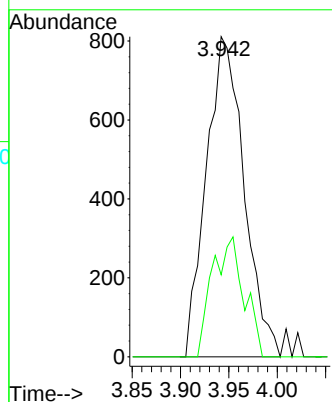
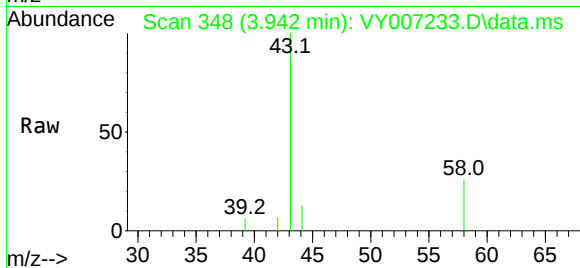
MTR-SOIL-10

Tgt Ion: 43 Resp: 2198

Ion Ratio Lower Upper

43 100

58 25.6 23.8 35.6



#20

Methylene Chloride

Concen: 2.220 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY007233.D

Acq: 19 Jan 2022 20:13

Tgt Ion: 84 Resp: 2734

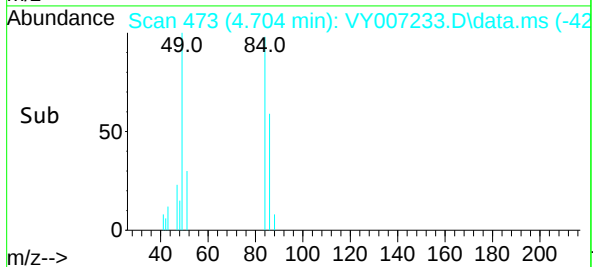
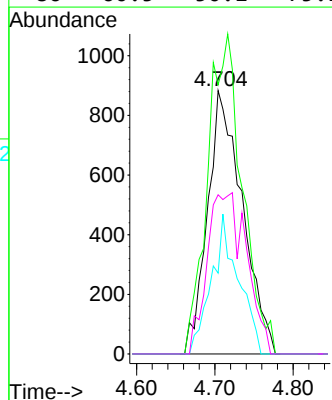
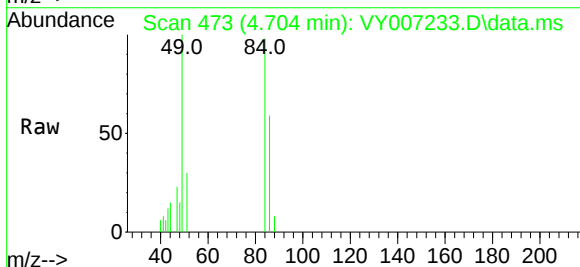
Ion Ratio Lower Upper

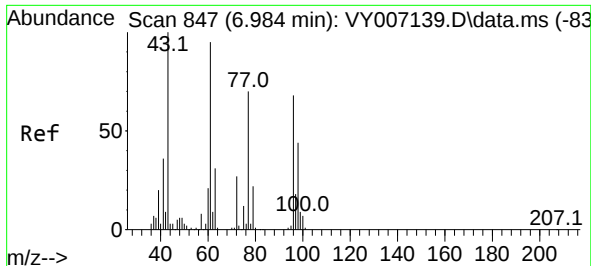
84 100

49 102.3 92.6 139.0

51 30.7 28.6 42.8

86 60.5 50.1 75.1

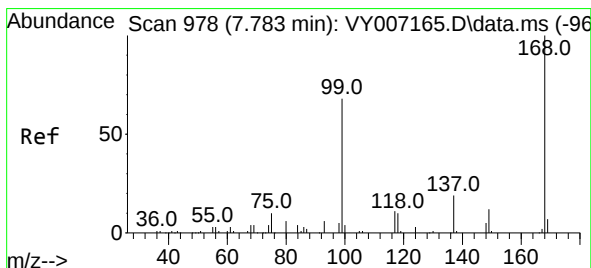
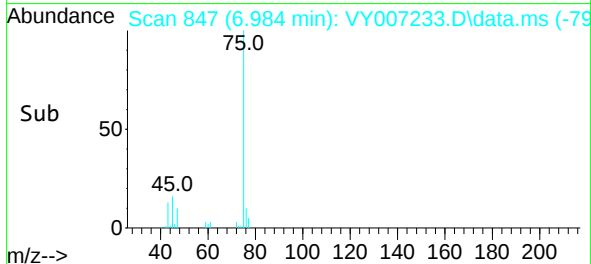
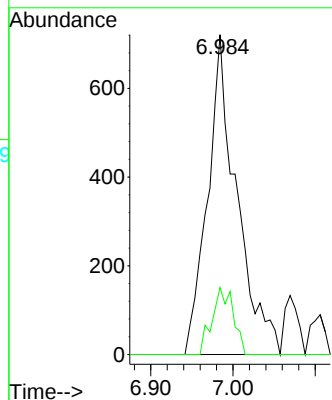
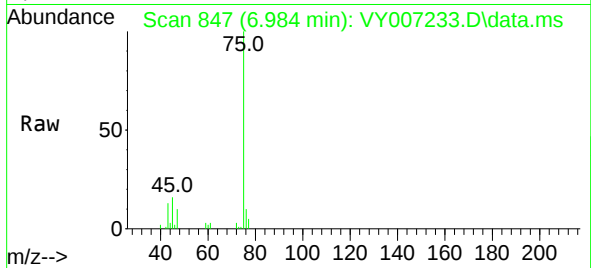




#25
2-Butanone
Concen: 4.606 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007233.D
Acq: 19 Jan 2022 20:13

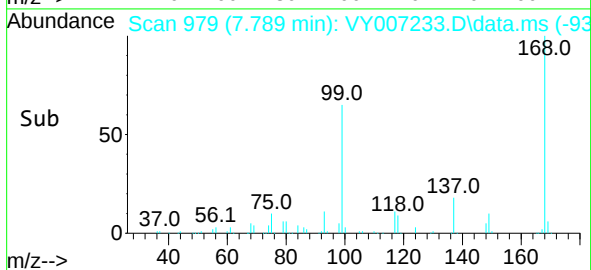
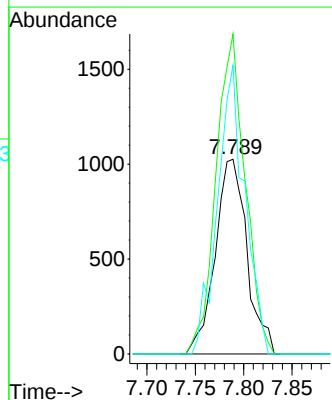
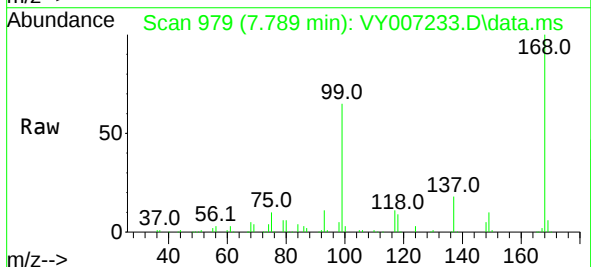
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-10

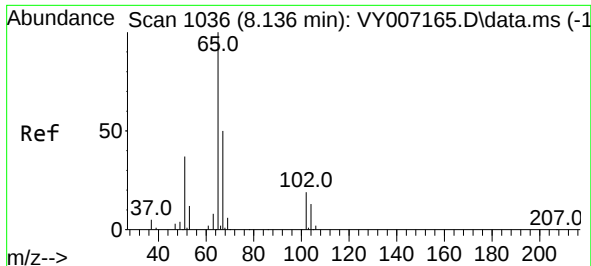
Tgt Ion: 43 Resp: 1774
Ion Ratio Lower Upper
43 100
72 20.9 21.9 32.9#



#31
Cyclohexane
Concen: 1.203 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY007233.D
Acq: 19 Jan 2022 20:13

Tgt Ion: 56 Resp: 2335
Ion Ratio Lower Upper
56 100
69 164.3 27.2 40.8#
84 148.2 72.1 108.1#

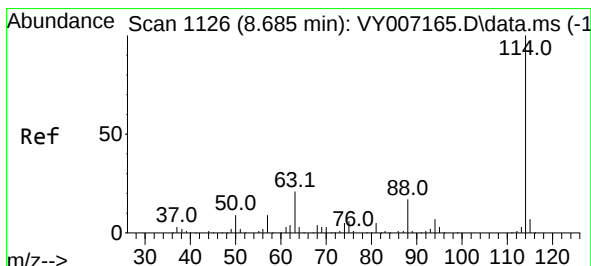
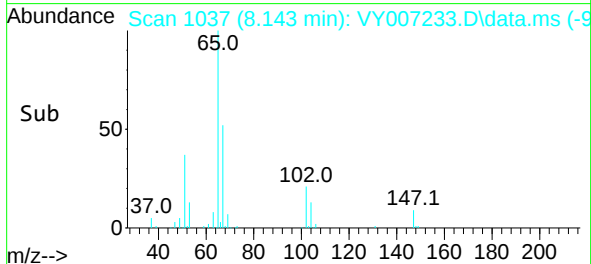
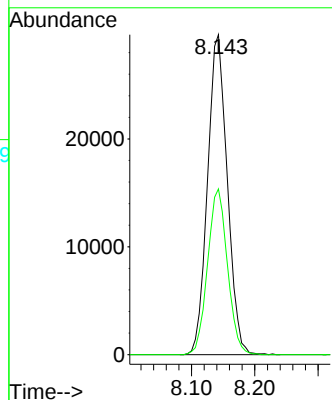
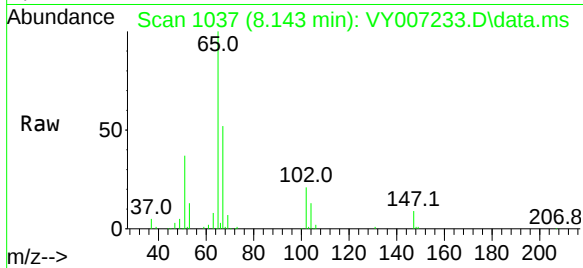




#33
1,2-Dichloroethane-d4
Concen: 56.045 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007233.D
Acq: 19 Jan 2022 20:13

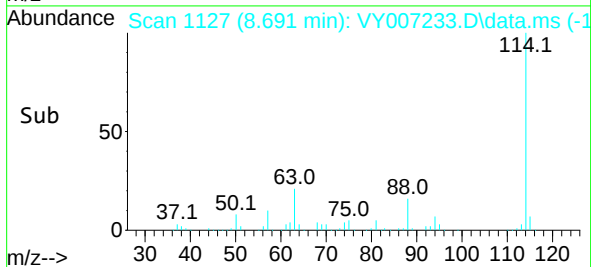
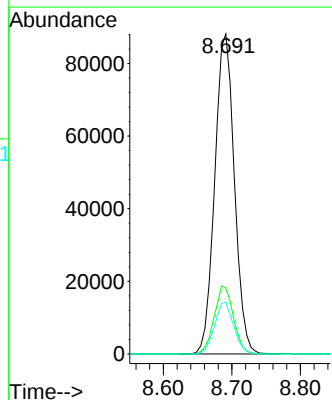
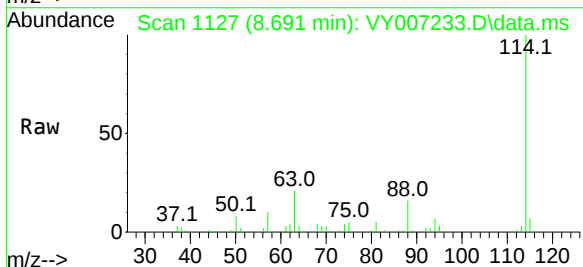
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-10

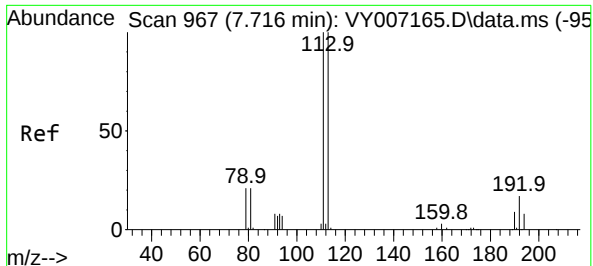
Tgt Ion: 65 Resp: 64325
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007233.D
Acq: 19 Jan 2022 20:13

Tgt Ion: 114 Resp: 174850
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.2
88 16.2 0.0 31.0

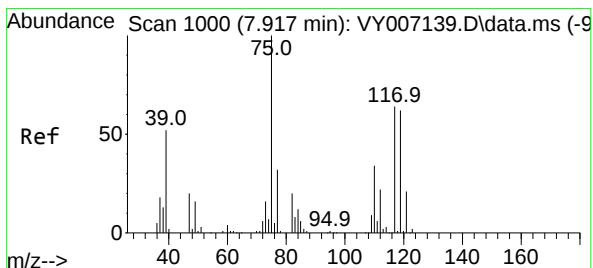
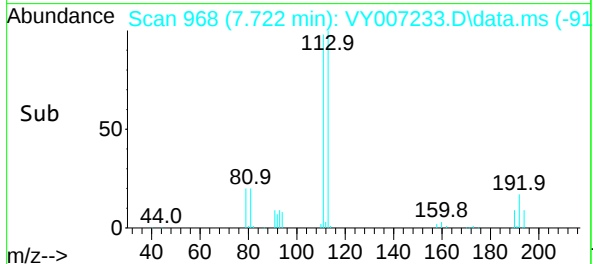
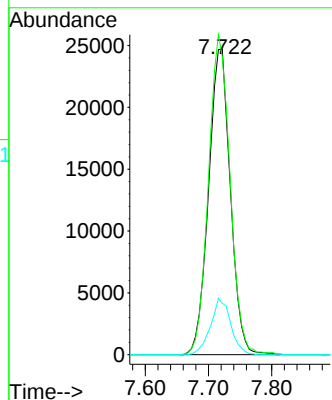
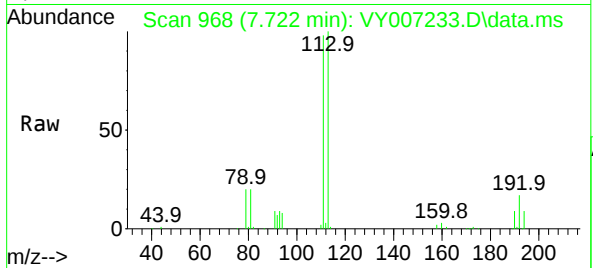




#35
Dibromofluoromethane
Concen: 50.022 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007233.D
Acq: 19 Jan 2022 20:13

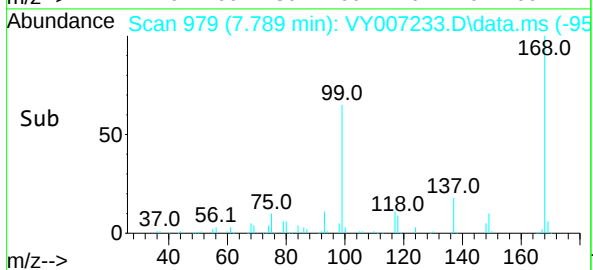
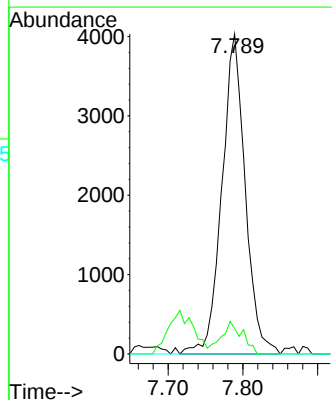
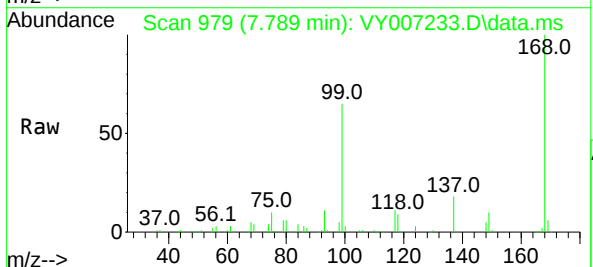
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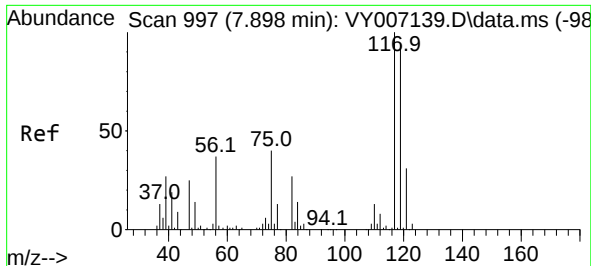
Tgt Ion:113 Resp: 59142
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 17.1 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.635 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007233.D
Acq: 19 Jan 2022 20:13

Tgt Ion: 75 Resp: 8753
Ion Ratio Lower Upper
75 100
110 9.3 17.3 51.9#
77 0.0 24.7 37.1#

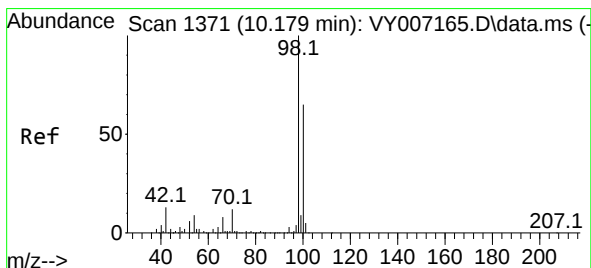
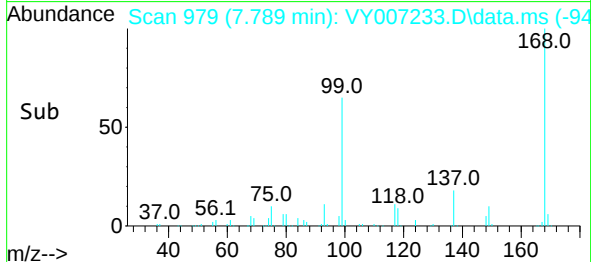
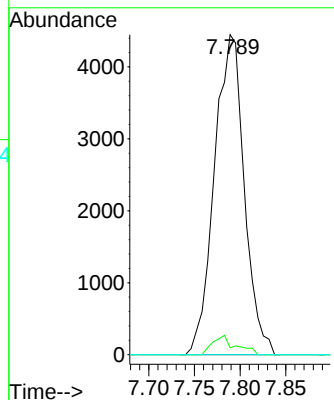
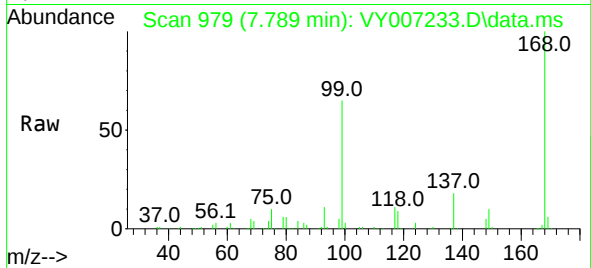




#38
Carbon Tetrachloride
Concen: 5.095 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007233.D
Acq: 19 Jan 2022 20:13

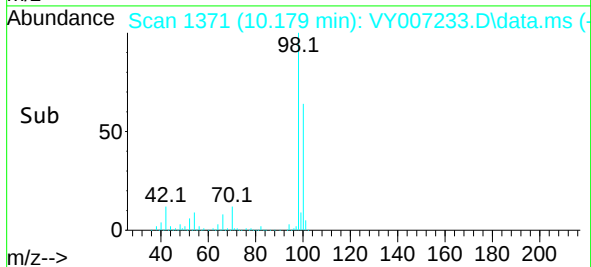
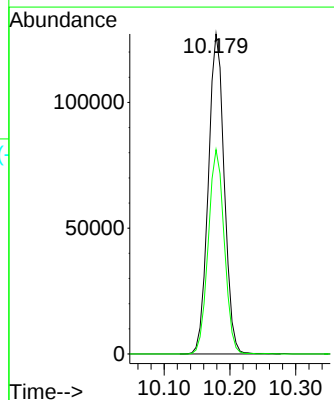
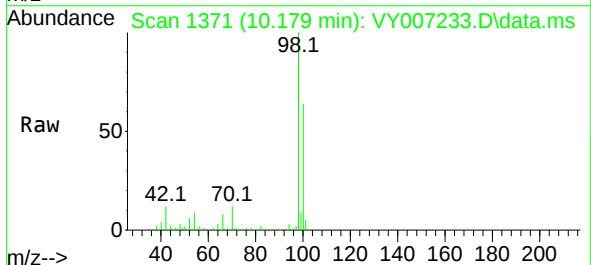
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MTR-SOIL-10

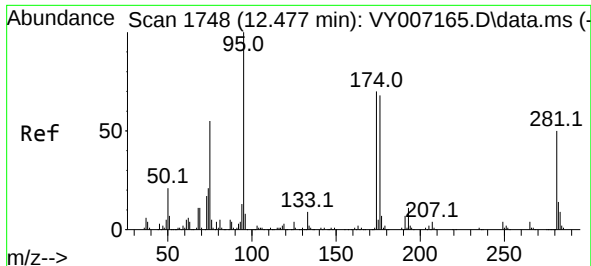
Tgt Ion:117 Resp: 10119
Ion Ratio Lower Upper
117 100
119 2.2 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.623 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007233.D
Acq: 19 Jan 2022 20:13

Tgt Ion: 98 Resp: 214375
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2

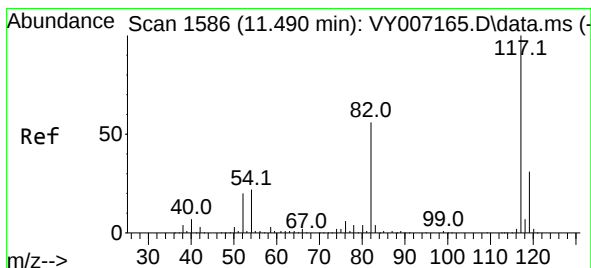
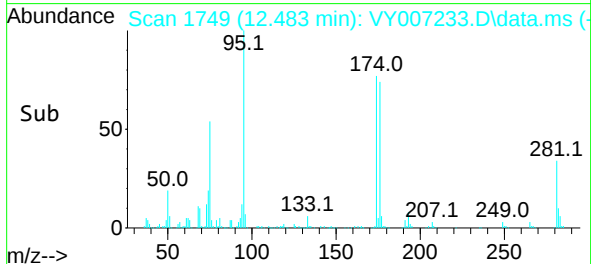
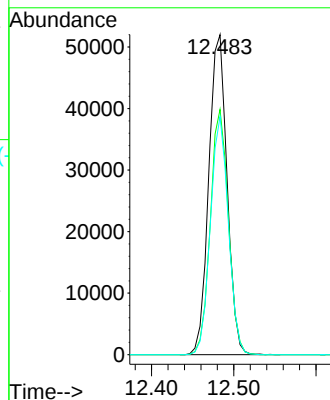
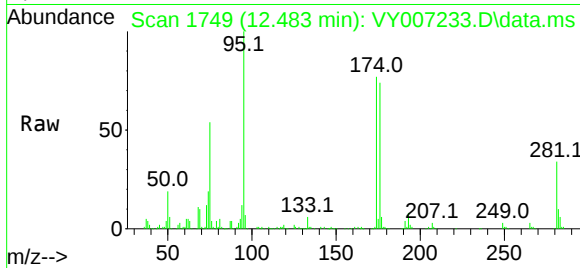




#62
4-Bromofluorobenzene
Concen: 52.163 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007233.D
Acq: 19 Jan 2022 20:13

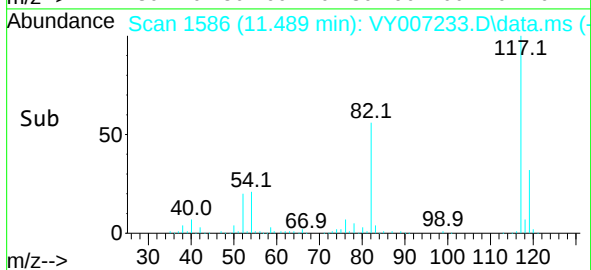
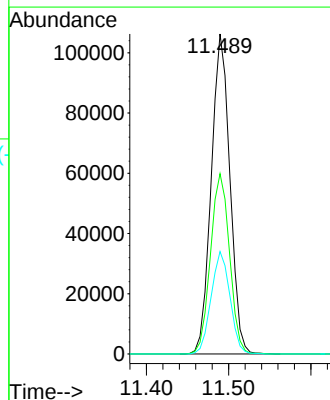
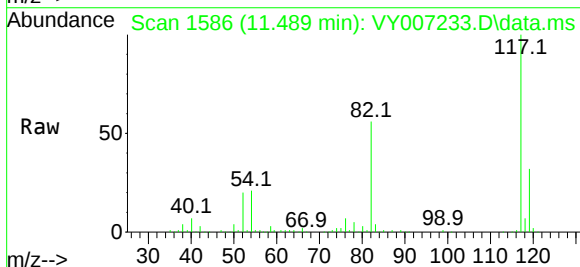
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-10

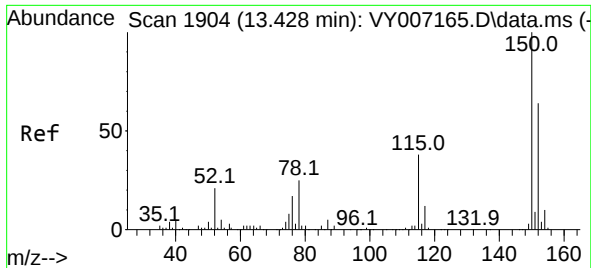
Tgt Ion:	95	Resp:	80160
Ion Ratio	Lower	Upper	
95	100		
174	75.8	0.0	148.4
176	73.0	0.0	146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007233.D
Acq: 19 Jan 2022 20:13

Tgt Ion:	117	Resp:	167747
Ion Ratio	Lower	Upper	
117	100		
82	56.4	45.4	68.0
119	32.0	26.4	39.6

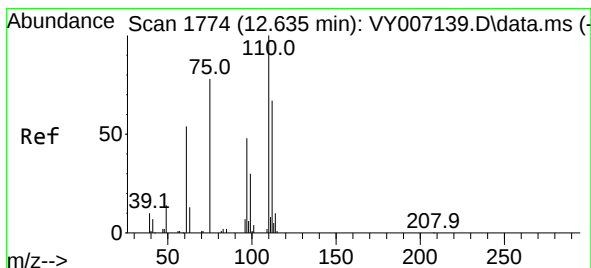
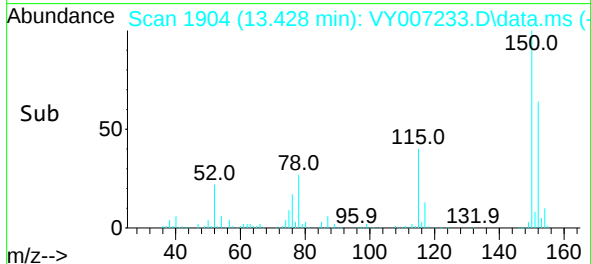
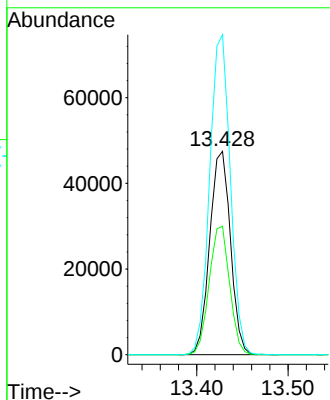
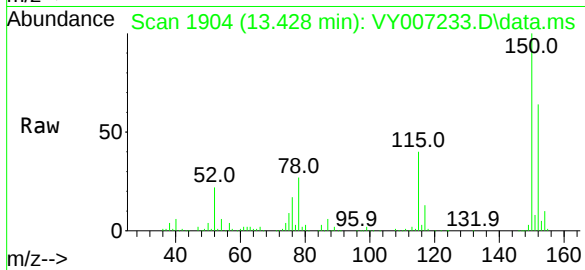




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007233.D
 Acq: 19 Jan 2022 20:13

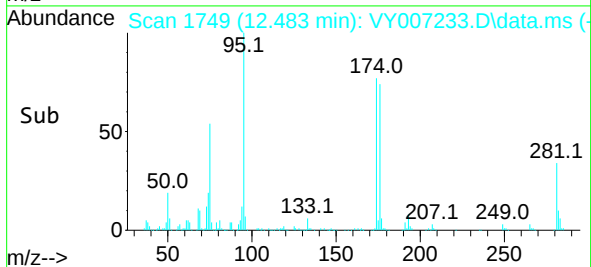
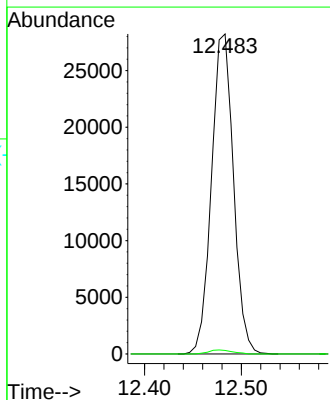
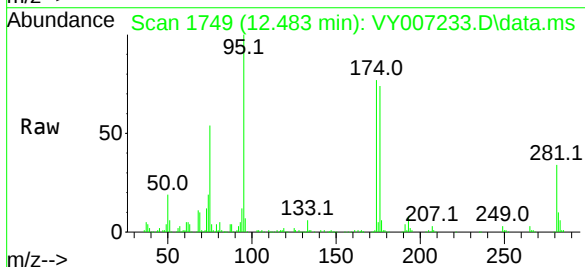
Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-10

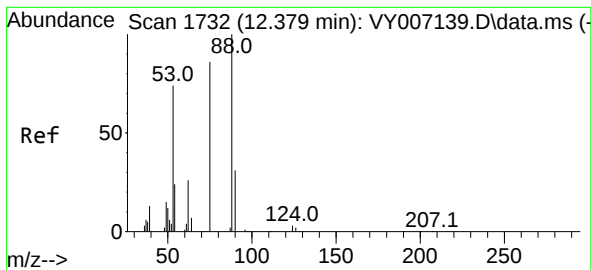
Tgt Ion:152 Resp: 74713
 Ion Ratio Lower Upper
 152 100
 115 62.4 31.4 94.0
 150 156.7 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 52.334 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007233.D
 Acq: 19 Jan 2022 20:13

Tgt Ion: 75 Resp: 44585
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.810 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007233.D
 Acq: 19 Jan 2022 20:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-10

Tgt Ion: 75 Resp: 44585
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.7 0.0 0.0#

