

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007232.D
 Acq On : 19 Jan 2022 19:49
 Operator : SY/MD
 Sample : N1189-17
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-9

Quant Time: Jan 20 00:18:22 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)

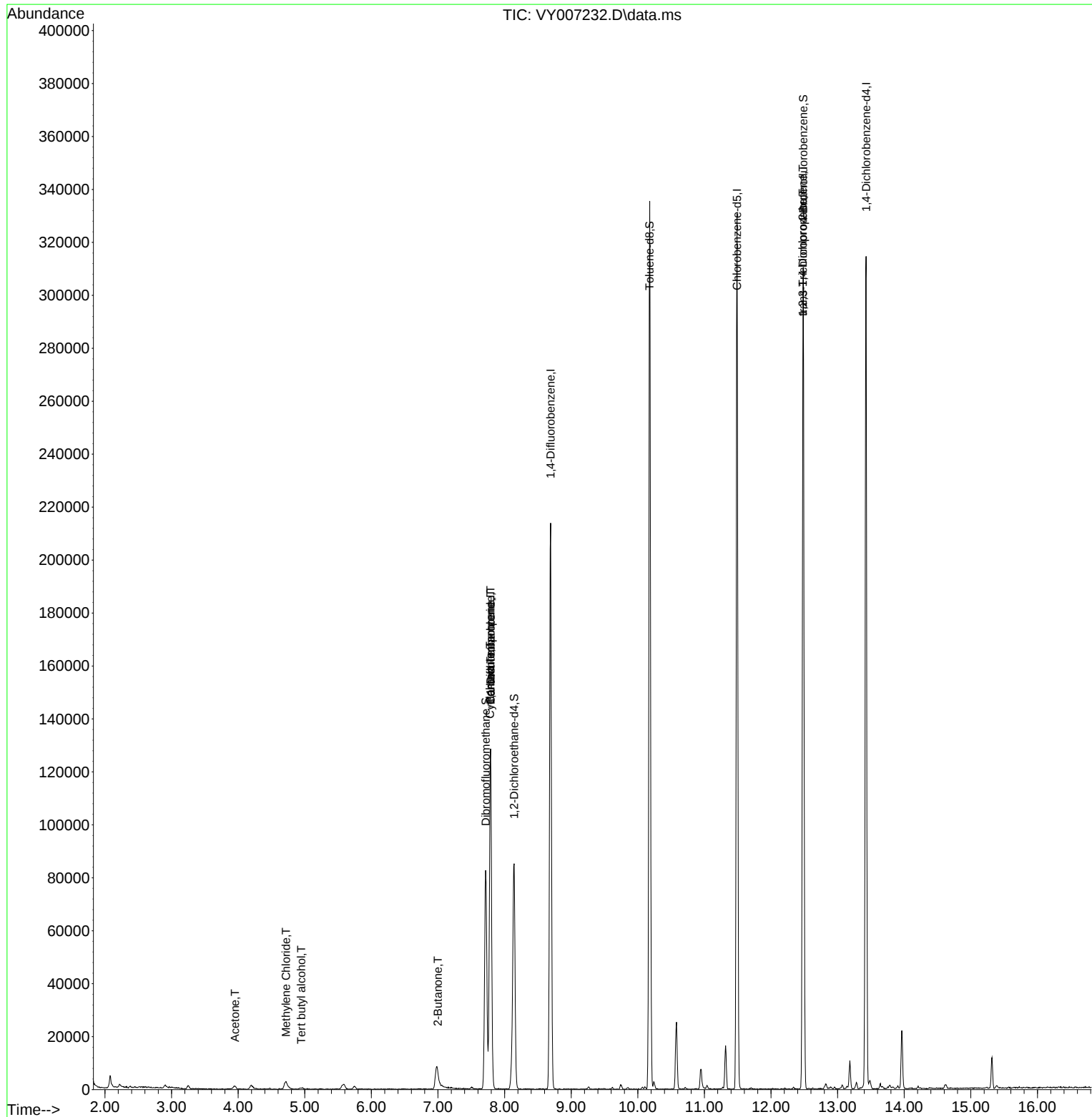
Internal Standards						
1) Pentafluorobenzene	7.789	168	93177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	174395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	168715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	63847	55.845	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.680%			
35) Dibromofluoromethane	7.716	113	58949	49.989	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.980%			
50) Toluene-d8	10.179	98	215963	50.121	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.240%			
62) 4-Bromofluorobenzene	12.483	95	79562	51.909	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.820%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	795	3.408	ug/l #	73
16) Acetone	3.954	43	2288	7.711	ug/l #	88
20) Methylene Chloride	4.716	84	2313	1.885	ug/l #	82
25) 2-Butanone	6.996	43	1675	4.366	ug/l	96
31) Cyclohexane	7.783	56	2227	1.152	ug/l #	18
36) 1,1-Dichloropropene	7.789	75	8761	4.652	ug/l #	49
38) Carbon Tetrachloride	7.789	117	10534	5.317	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	44936	51.985	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44936	95.171	ug/l #	3

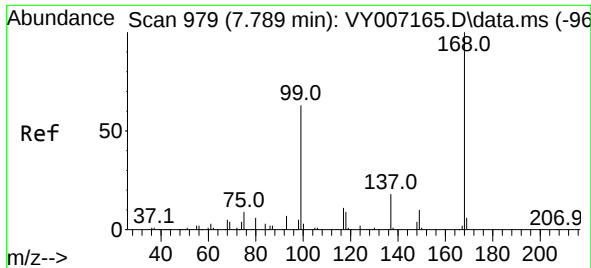
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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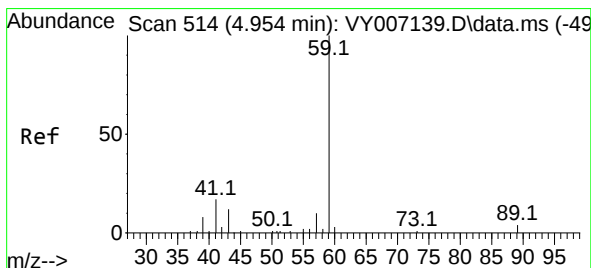
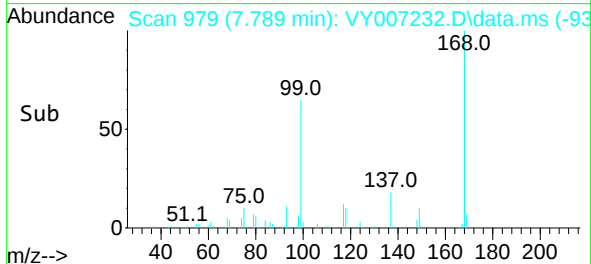
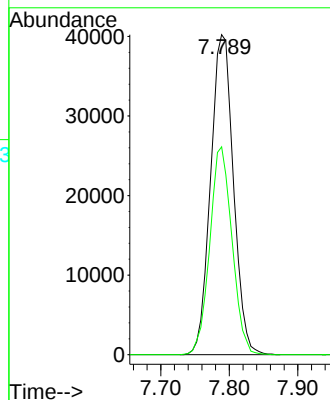
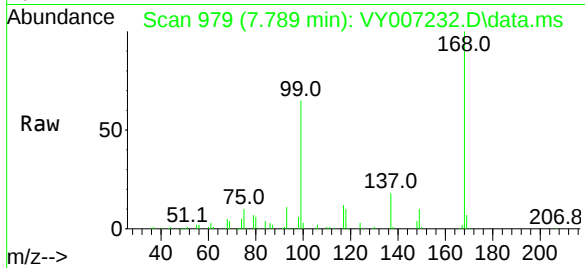




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007232.D
Acq: 19 Jan 2022 19:49

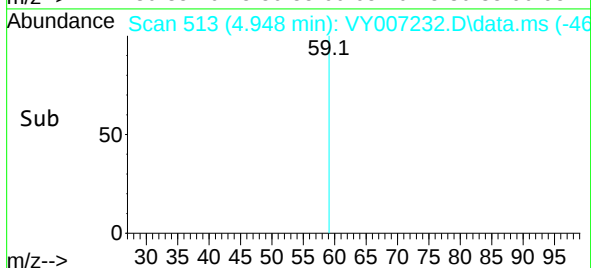
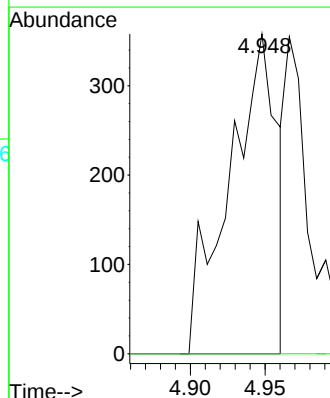
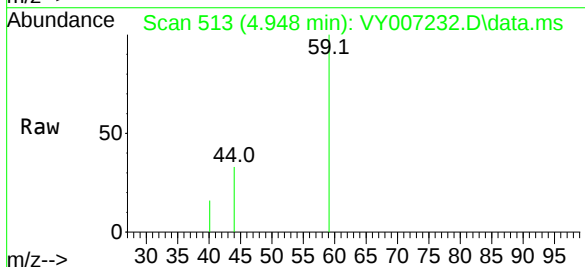
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-9

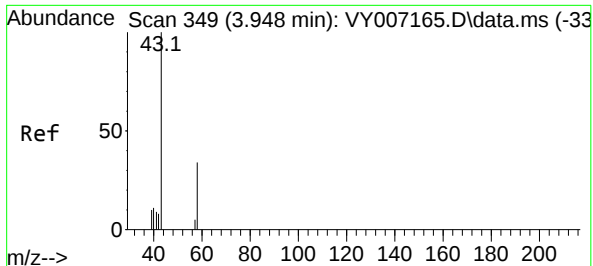
Tgt Ion:168 Resp: 93177
Ion Ratio Lower Upper
168 100
99 65.0 49.1 73.7



#11
Tert butyl alcohol
Concen: 3.408 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007232.D
Acq: 19 Jan 2022 19:49

Tgt Ion: 59 Resp: 795
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 7.711 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY007232.D

Acq: 19 Jan 2022 19:49

Instrument :

MSVOA_Y

ClientSampleId :

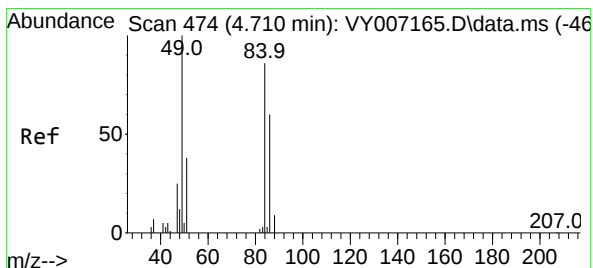
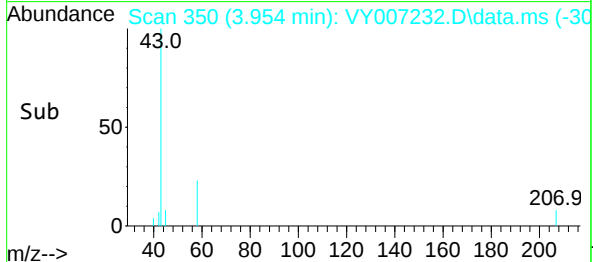
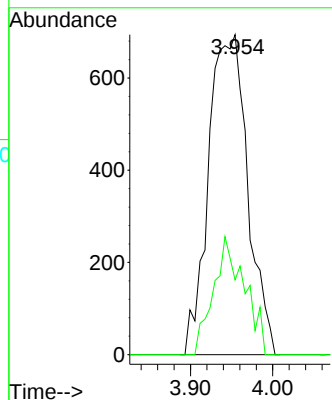
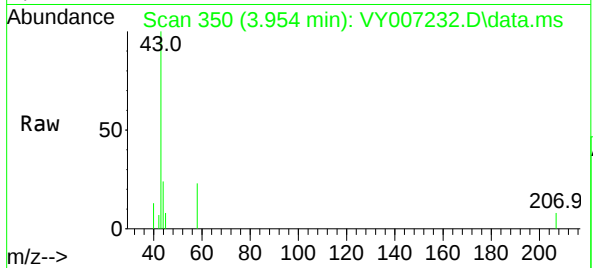
MTR-SOIL-9

Tgt Ion: 43 Resp: 2288

Ion Ratio Lower Upper

43 100

58 23.3 23.8 35.6#



#20

Methylene Chloride

Concen: 1.885 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY007232.D

Acq: 19 Jan 2022 19:49

Tgt Ion: 84 Resp: 2313

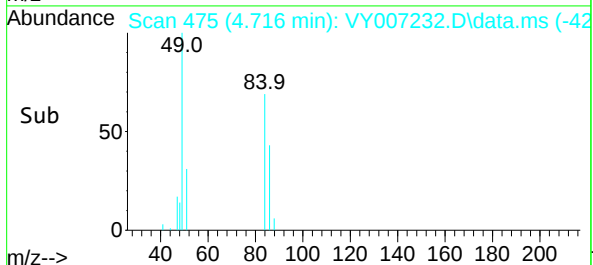
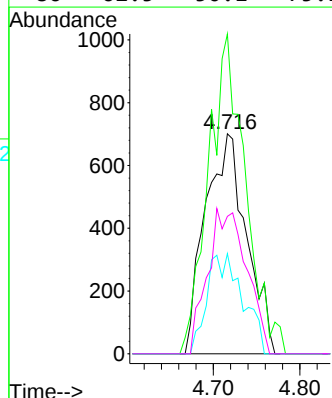
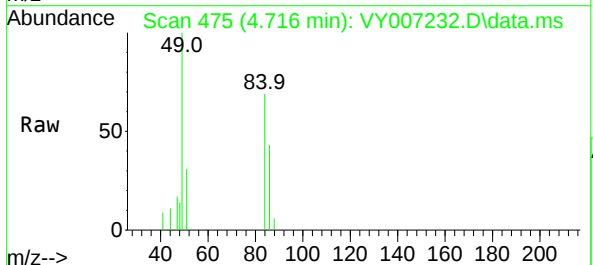
Ion Ratio Lower Upper

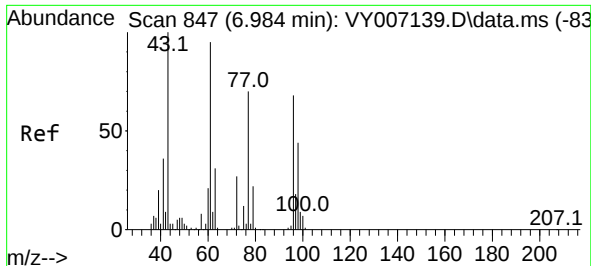
84 100

49 145.4 92.6 139.0#

51 45.5 28.6 42.8#

86 62.5 50.1 75.1

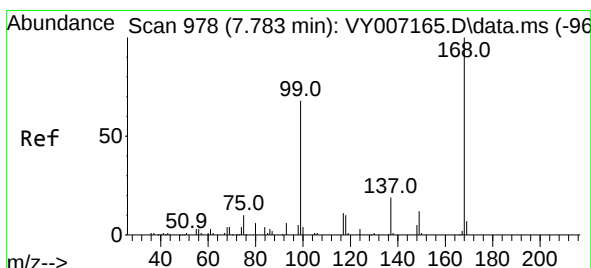
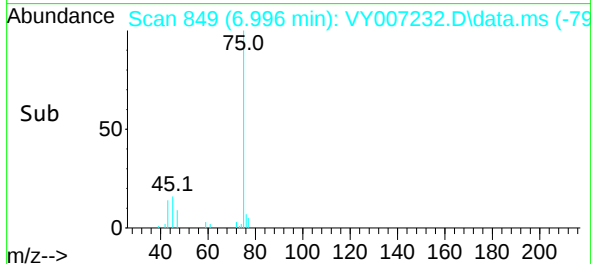
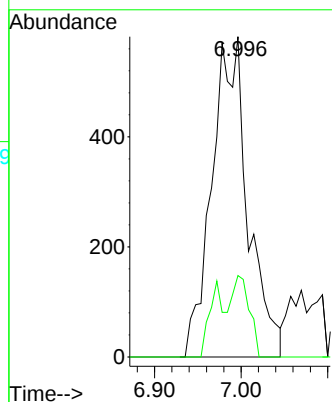
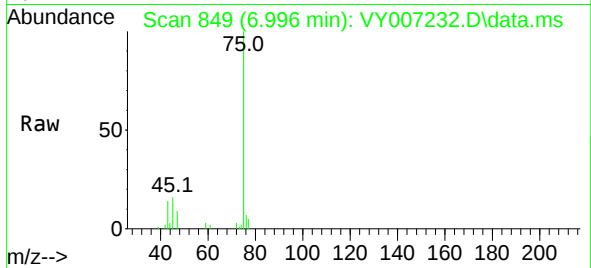




#25
2-Butanone
Concen: 4.366 ug/l
RT: 6.996 min Scan# 847
Delta R.T. 0.013 min
Lab File: VY007232.D
Acq: 19 Jan 2022 19:49

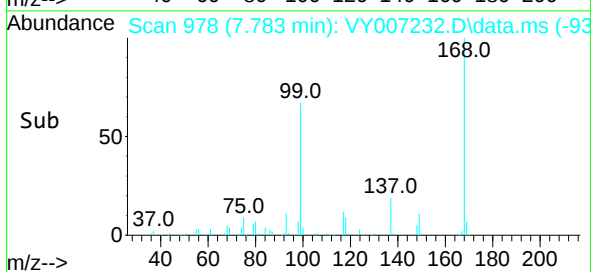
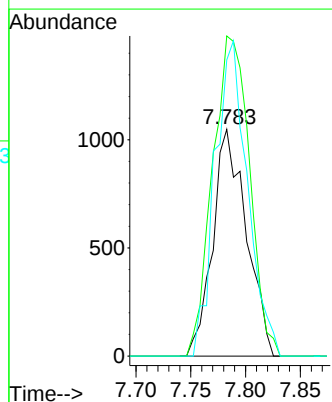
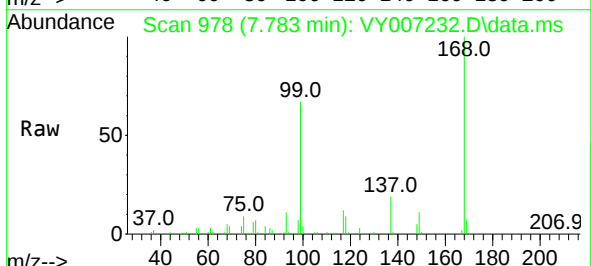
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-9

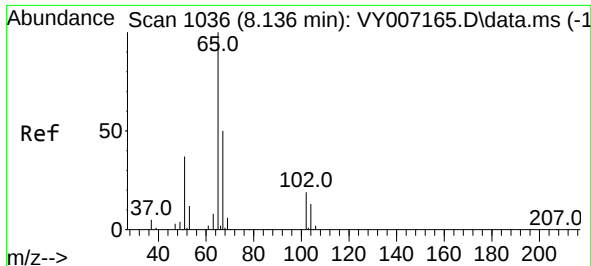
Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
72 25.4 21.9 32.9



#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY007232.D
Acq: 19 Jan 2022 19:49

Tgt Ion: 56 Resp: 2227
Ion Ratio Lower Upper
56 100
69 141.2 27.2 40.8#
84 130.6 72.1 108.1#

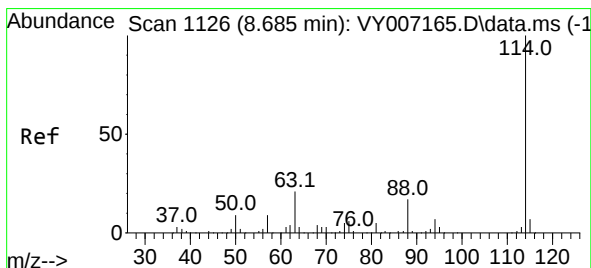
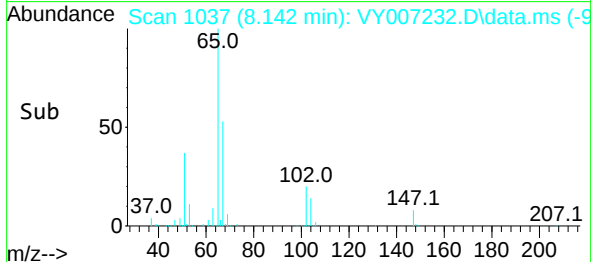
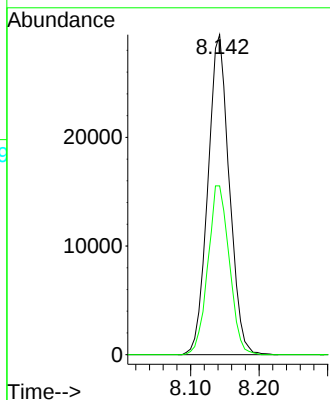
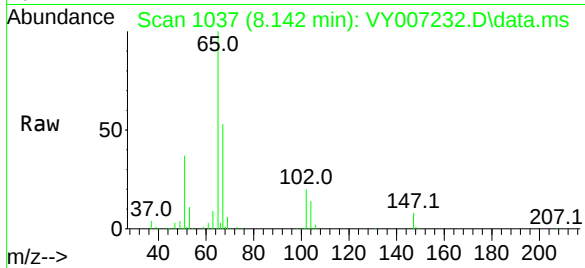




#33
 1,2-Dichloroethane-d4
 Concen: 55.845 ug/l
 RT: 8.142 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VY007232.D
 Acq: 19 Jan 2022 19:49

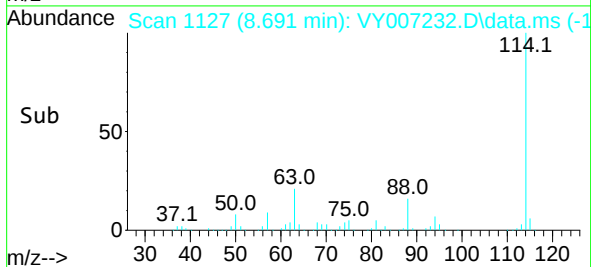
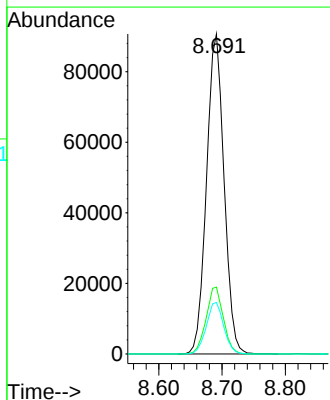
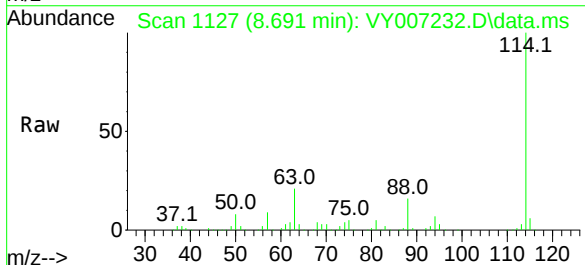
Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-9

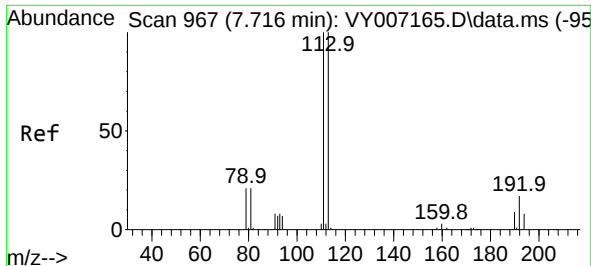
Tgt Ion: 65 Resp: 63847
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007232.D
 Acq: 19 Jan 2022 19:49

Tgt Ion: 114 Resp: 174395
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.2
 88 16.1 0.0 31.0

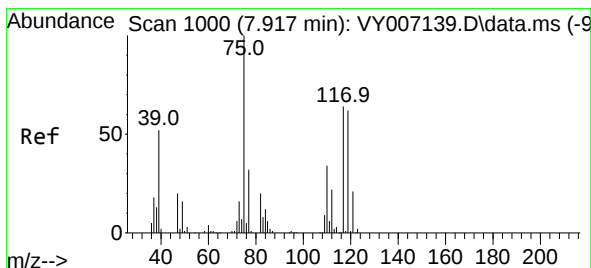
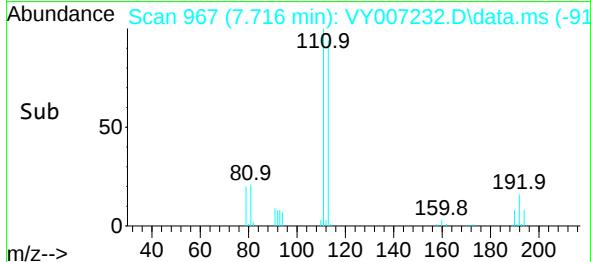
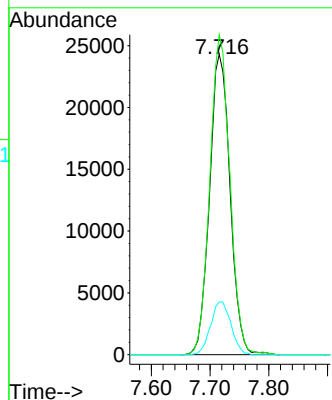
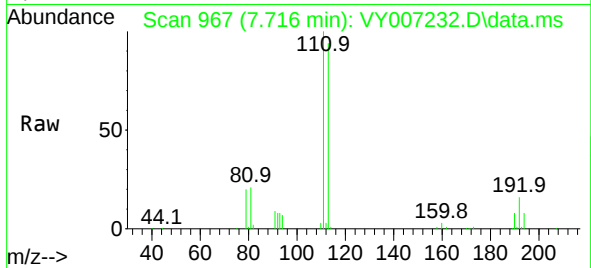




#35
Dibromofluoromethane
Concen: 49.989 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007232.D
Acq: 19 Jan 2022 19:49

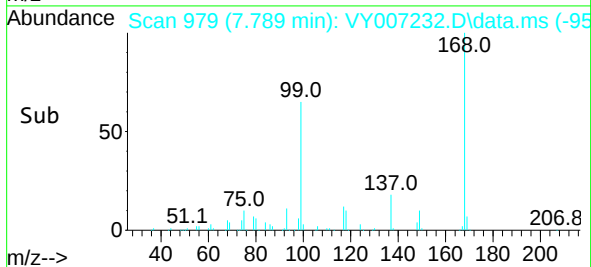
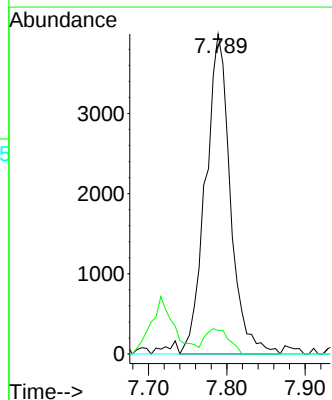
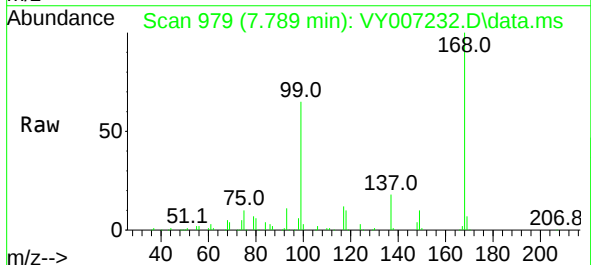
Instrument :
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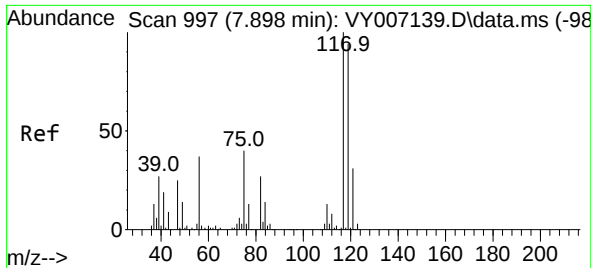
Tgt Ion:113 Resp: 58949
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 17.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.652 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007232.D
Acq: 19 Jan 2022 19:49

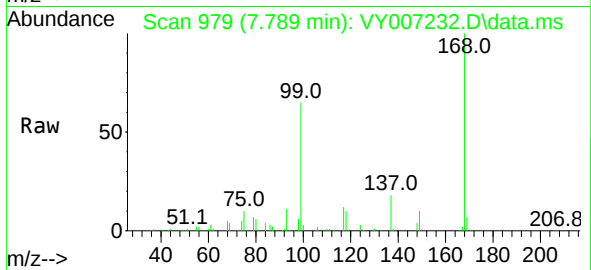
Tgt Ion: 75 Resp: 8761
Ion Ratio Lower Upper
75 100
110 7.5 17.3 51.9#
77 0.0 24.7 37.1#



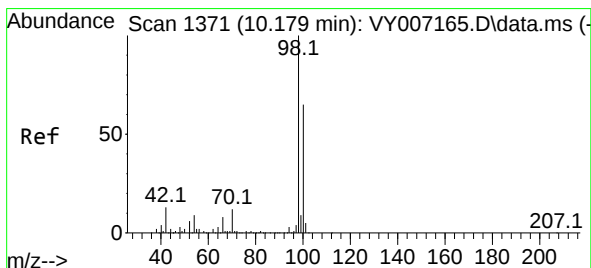
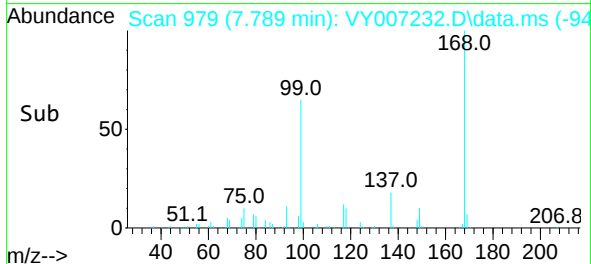
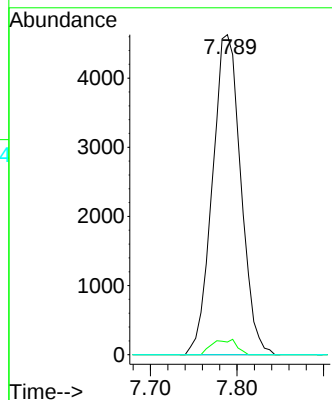


#38
Carbon Tetrachloride
Concen: 5.317 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007232.D
Acq: 19 Jan 2022 19:49

Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-9

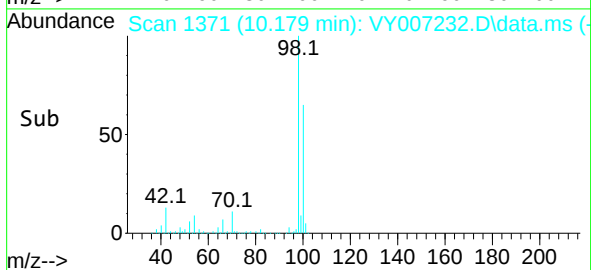
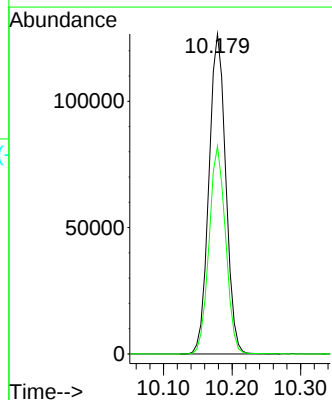
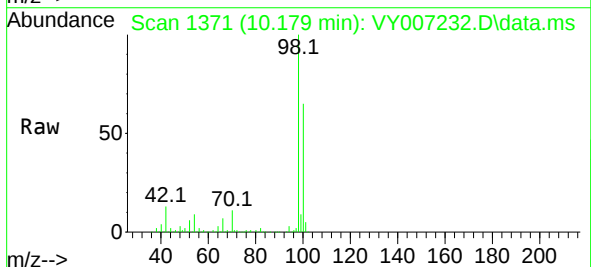


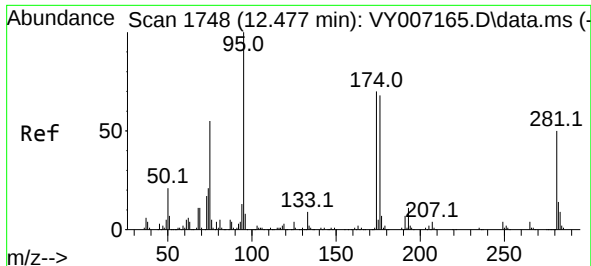
Tgt Ion:117 Resp: 10534
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.121 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007232.D
Acq: 19 Jan 2022 19:49

Tgt Ion: 98 Resp: 215963
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2

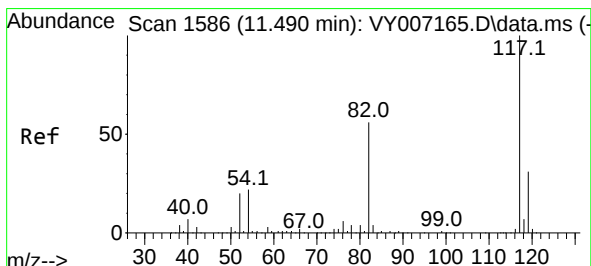
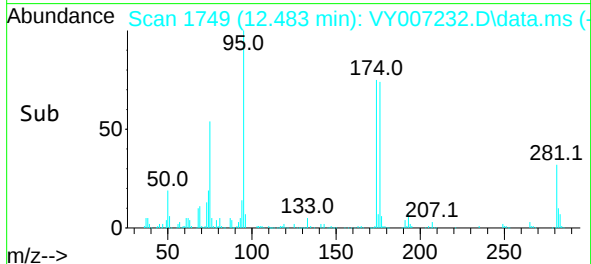
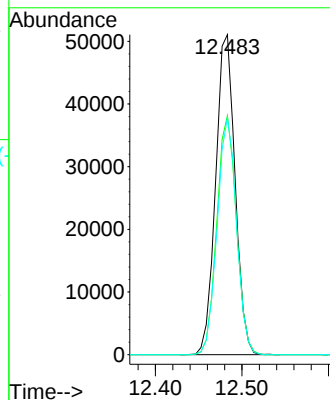
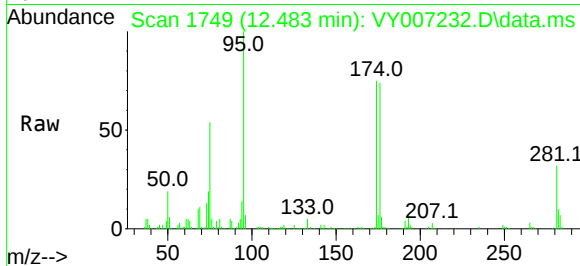




#62
4-Bromofluorobenzene
Concen: 51.909 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007232.D
Acq: 19 Jan 2022 19:49

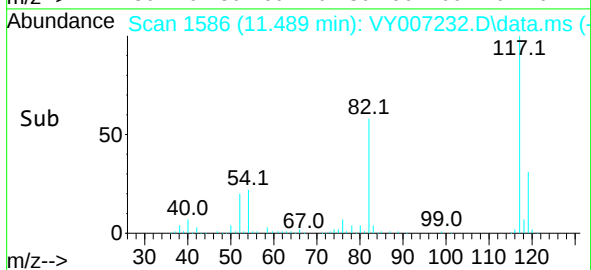
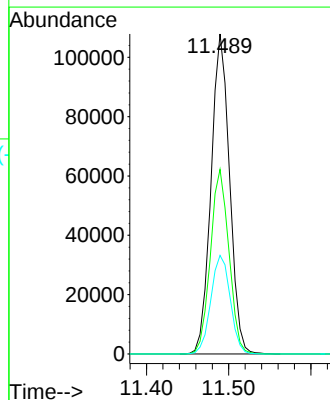
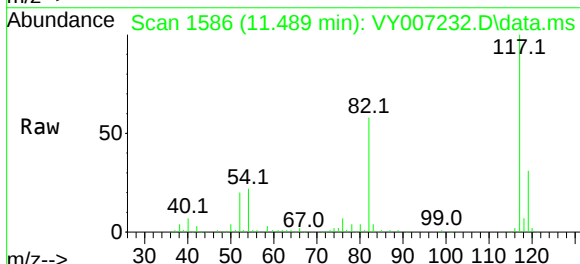
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-9

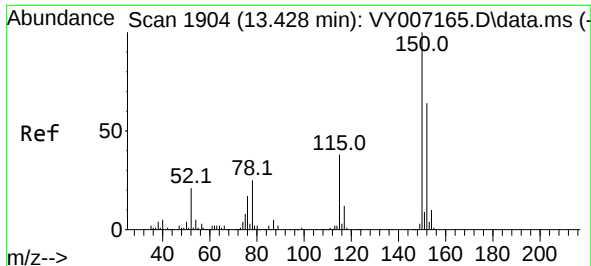
Tgt Ion:	95	Resp:	79562
Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	148.4
176	73.4	0.0	146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007232.D
Acq: 19 Jan 2022 19:49

Tgt Ion:	117	Resp:	168715
Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.4	68.0
119	30.8	26.4	39.6

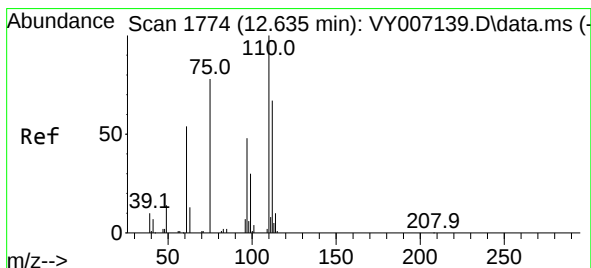
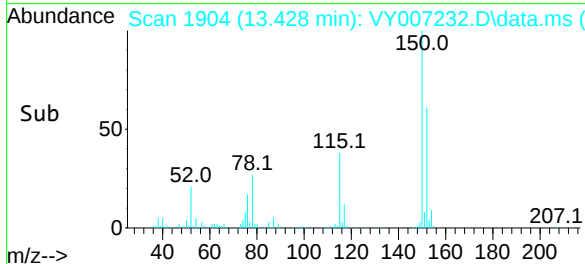
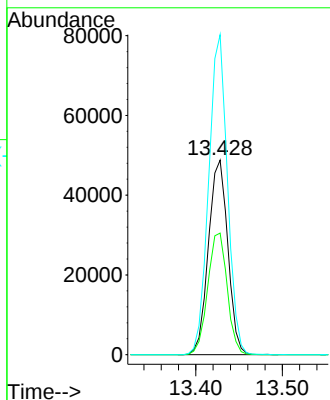
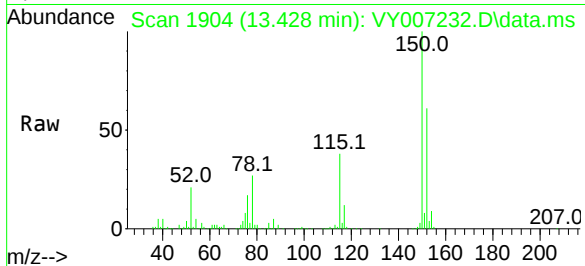




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007232.D
 Acq: 19 Jan 2022 19:49

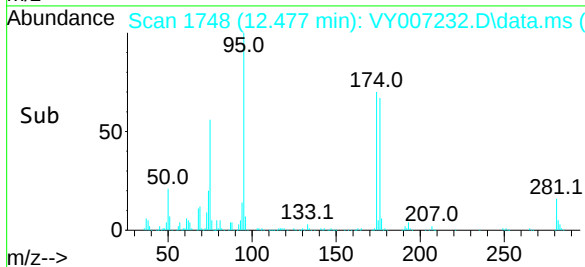
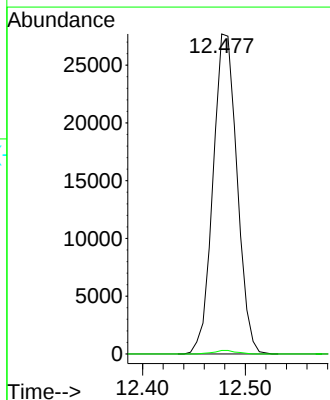
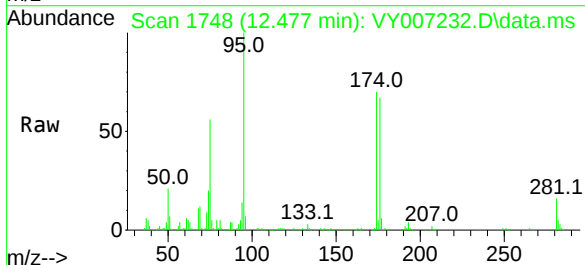
Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-9

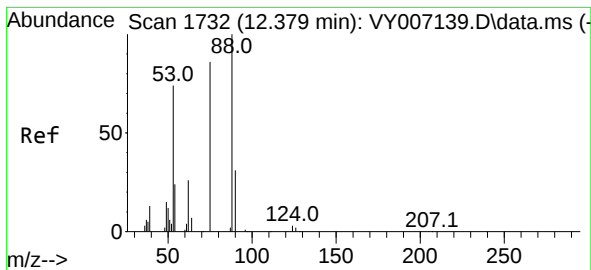
Tgt Ion:152 Resp: 75807
 Ion Ratio Lower Upper
 152 100
 115 62.8 31.4 94.0
 150 159.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 51.985 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY007232.D
 Acq: 19 Jan 2022 19:49

Tgt Ion: 75 Resp: 44936
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.171 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY007232.D
 Acq: 19 Jan 2022 19:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-9

Tgt Ion: 75 Resp: 44936
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.6 0.0 0.0#

