

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007230.D
 Acq On : 19 Jan 2022 19:02
 Operator : SY/MD
 Sample : N1189-13
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-7

Quant Time: Jan 20 00:18:04 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)

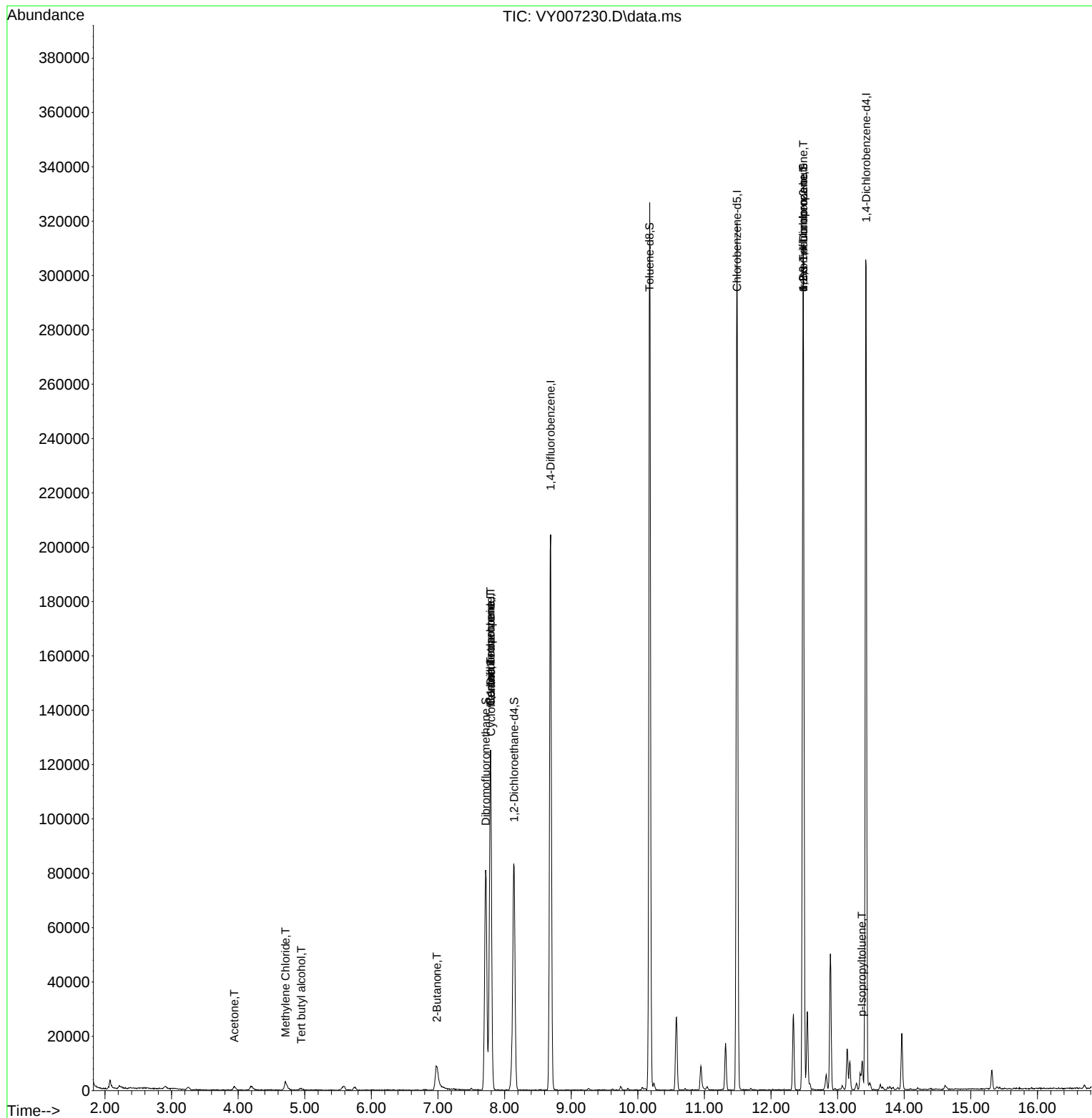
Internal Standards						
1) Pentafluorobenzene	7.789	168	90831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64234	57.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.260%
35) Dibromofluoromethane	7.716	113	58083	50.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.179	98	209691	49.920	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.483	95	78880	52.791	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.580%
Target Compounds						
11) Tert butyl alcohol	4.948	59	1118	7.088	ug/l #	73
16) Acetone	3.942	43	2352	8.132	ug/l	93
20) Methylene Chloride	4.710	84	2149	1.797	ug/l	93
25) 2-Butanone	6.984	43	1554	4.155	ug/l	98
31) Cyclohexane	7.795	56	2229	1.183	ug/l #	31
36) 1,1-Dichloropropene	7.789	75	8518	4.639	ug/l #	49
38) Carbon Tetrachloride	7.789	117	10645	5.512	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	43780	52.374	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43780	95.883	ug/l #	3
86) p-Isopropyltoluene	13.367	119	5939	1.075	ug/l	91

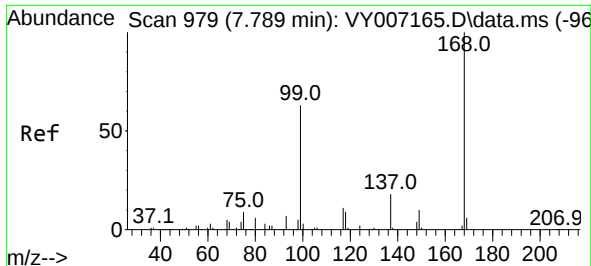
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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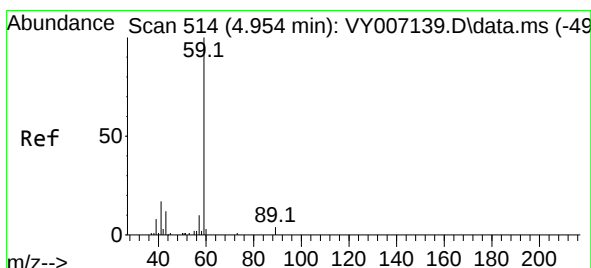
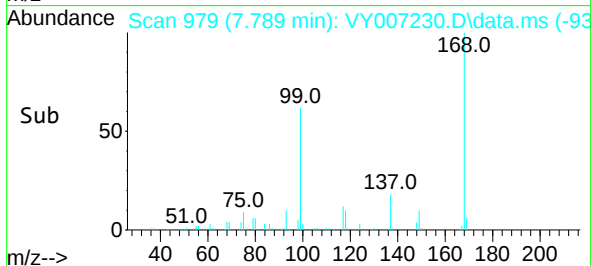
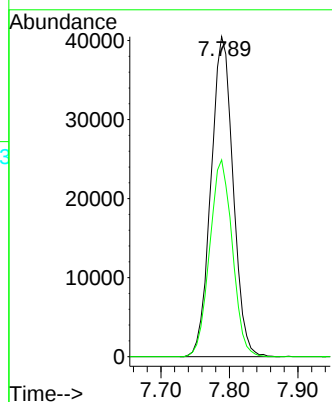
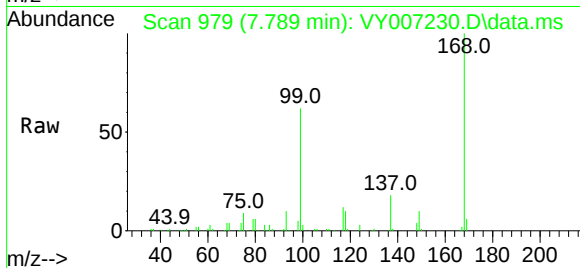




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

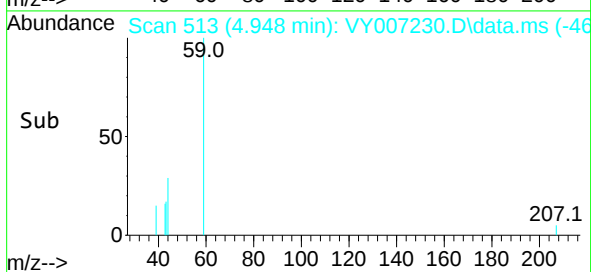
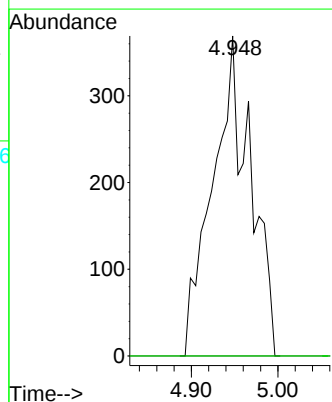
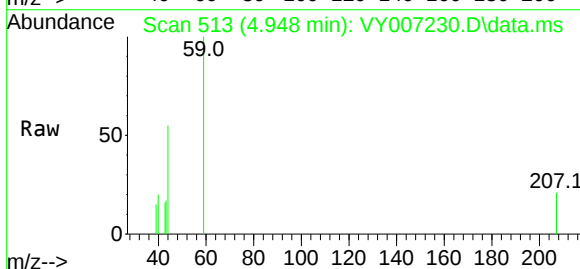
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-7

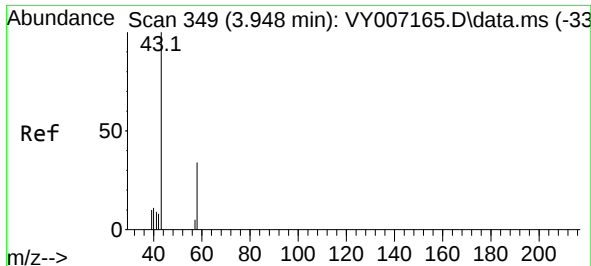
Tgt Ion:168 Resp: 90831
Ion Ratio Lower Upper
168 100
99 61.5 49.1 73.7



#11
Tert butyl alcohol
Concen: 7.088 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

Tgt Ion: 59 Resp: 1118
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 8.132 ug/l

RT: 3.942 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY007230.D

Acq: 19 Jan 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

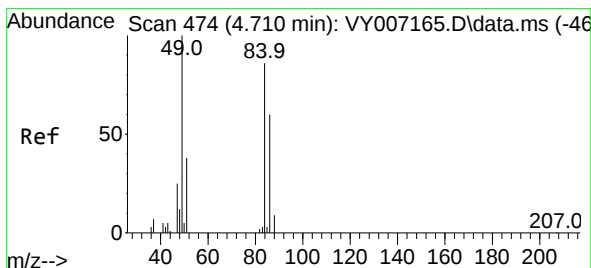
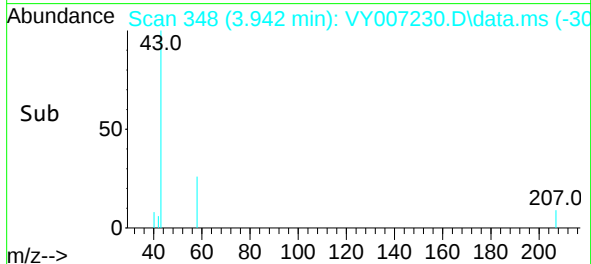
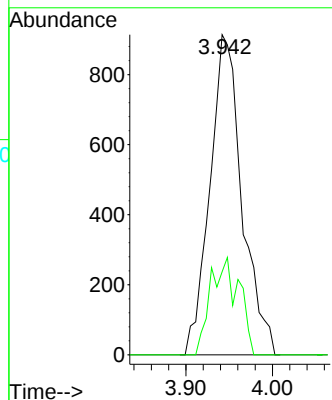
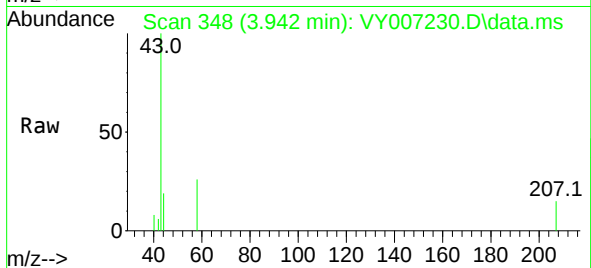
MTR-SOIL-7

Tgt Ion: 43 Resp: 2352

Ion Ratio Lower Upper

43 100

58 25.9 23.8 35.6



#20

Methylene Chloride

Concen: 1.797 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY007230.D

Acq: 19 Jan 2022 19:02

Tgt Ion: 84 Resp: 2149

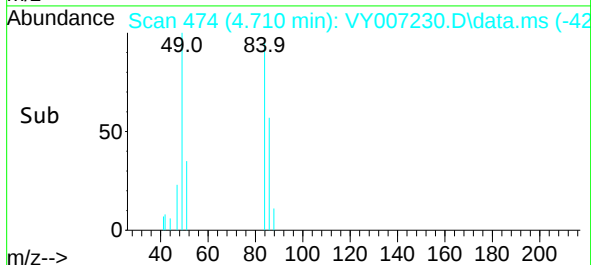
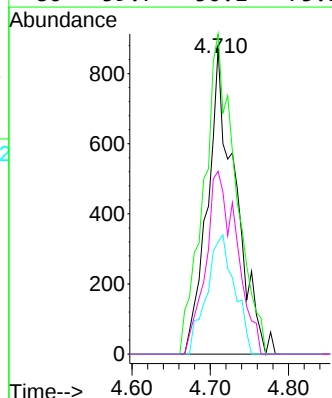
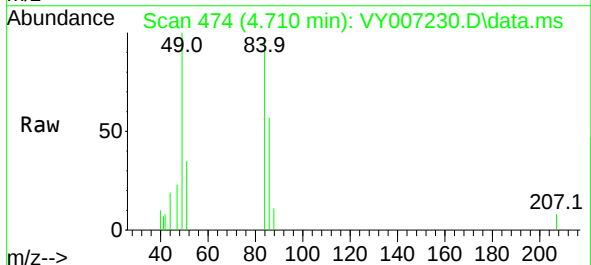
Ion Ratio Lower Upper

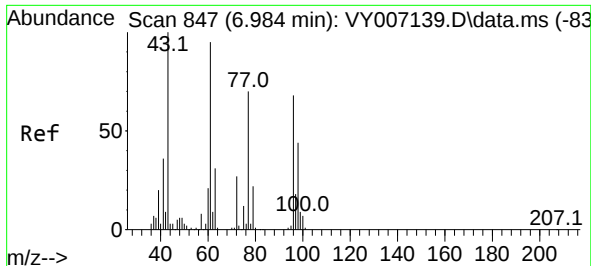
84 100

49 104.7 92.6 139.0

51 36.7 28.6 42.8

86 59.7 50.1 75.1

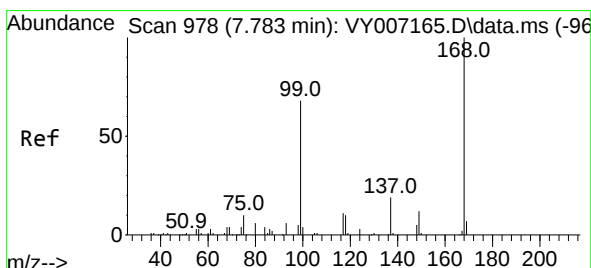
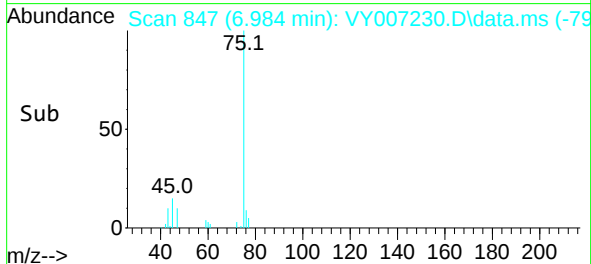
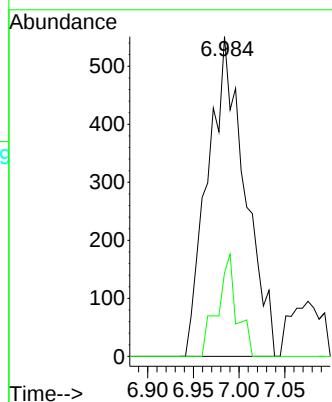
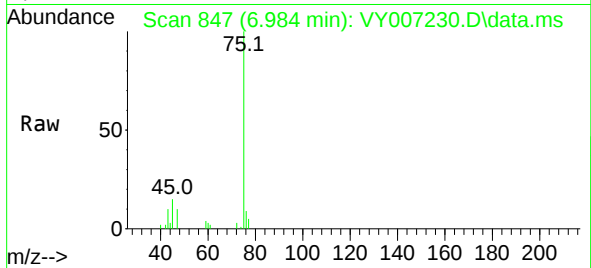




#25
2-Butanone
Concen: 4.155 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

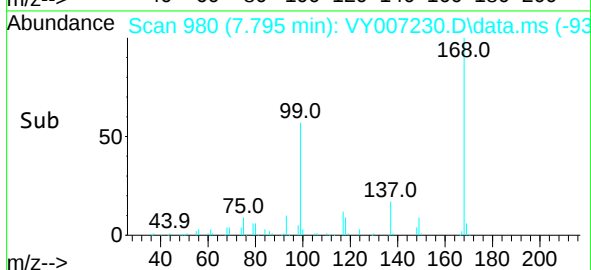
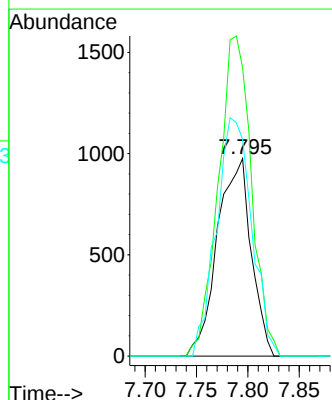
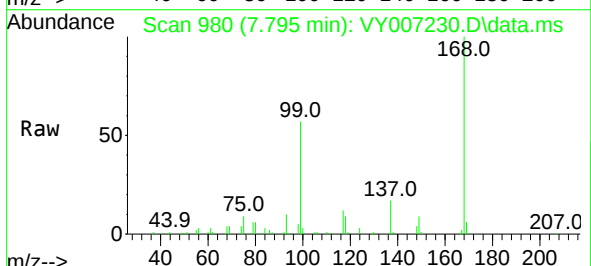
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-7

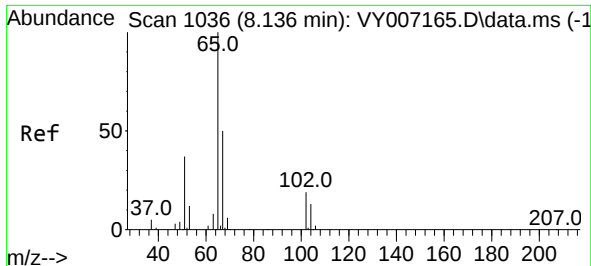
Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
72 26.1 21.9 32.9



#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

Tgt Ion: 56 Resp: 2229
Ion Ratio Lower Upper
56 100
69 145.9 27.2 40.8#
84 109.6 72.1 108.1#

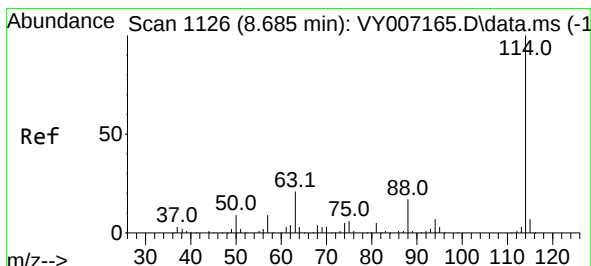
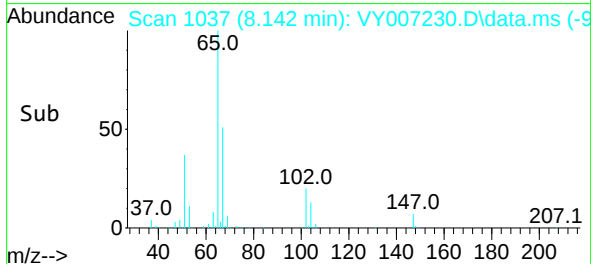
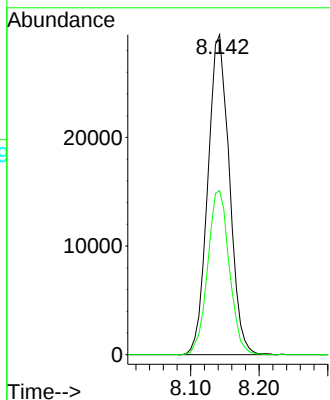
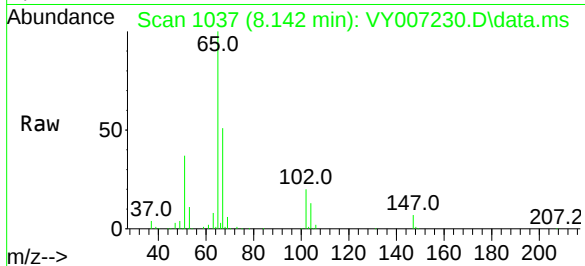




#33
 1,2-Dichloroethane-d4
 Concen: 57.634 ug/l
 RT: 8.142 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY007230.D
 Acq: 19 Jan 2022 19:02

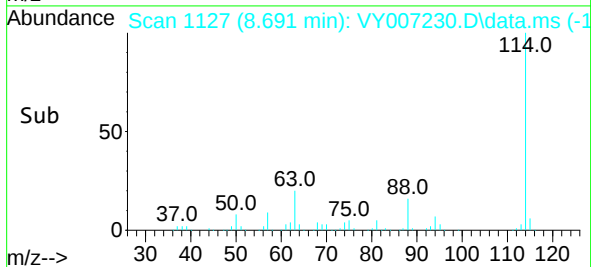
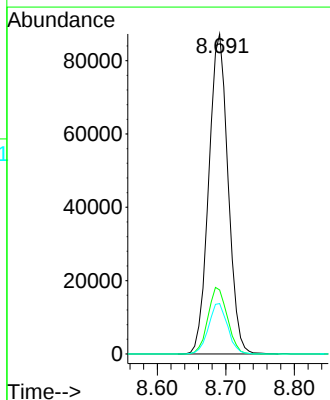
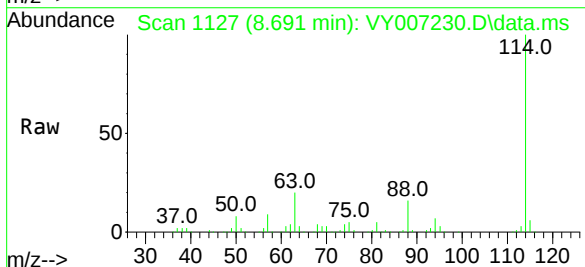
Instrument :
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 ClientSampleId :
 MTR-SOIL-7

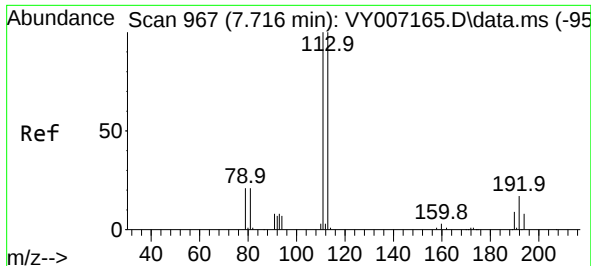
Tgt Ion: 65 Resp: 64234
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007230.D
 Acq: 19 Jan 2022 19:02

Tgt Ion: 114 Resp: 170010
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.2
 88 15.7 0.0 31.0

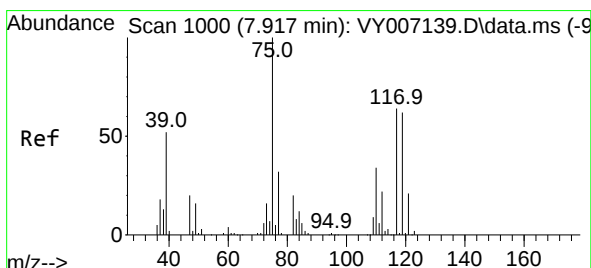
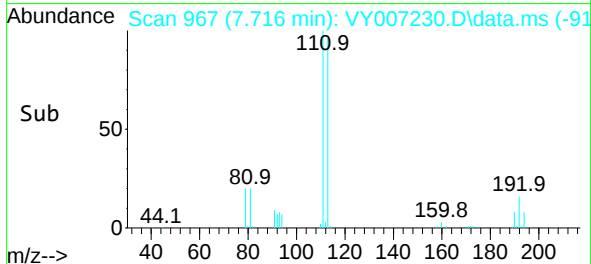
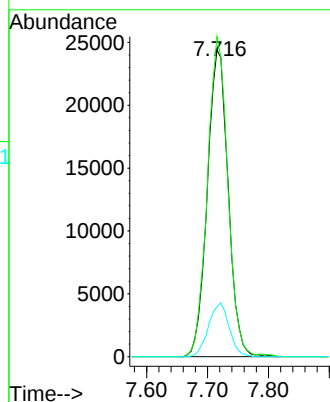
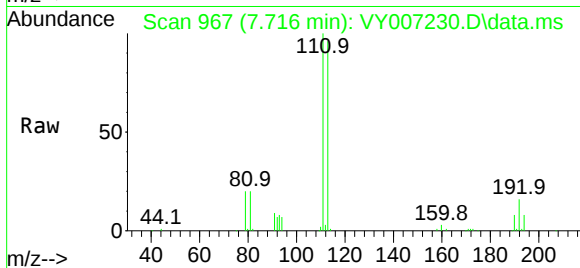




#35
Dibromofluoromethane
Concen: 50.525 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

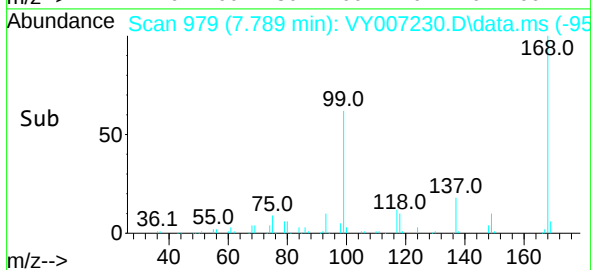
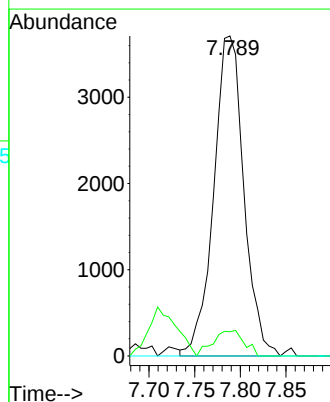
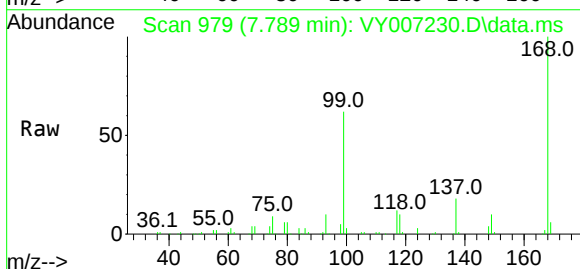
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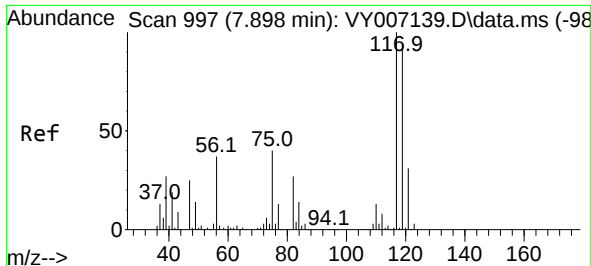
Tgt Ion:113 Resp: 58083
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 17.3 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.639 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

Tgt Ion: 75 Resp: 8518
Ion Ratio Lower Upper
75 100
110 8.2 17.3 51.9#
77 0.0 24.7 37.1#

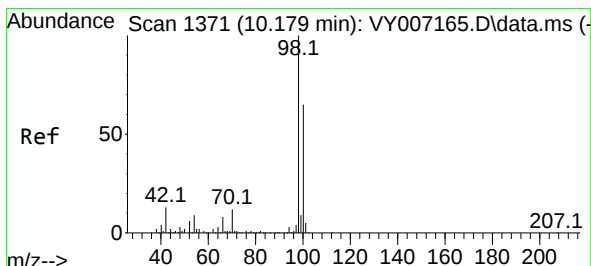
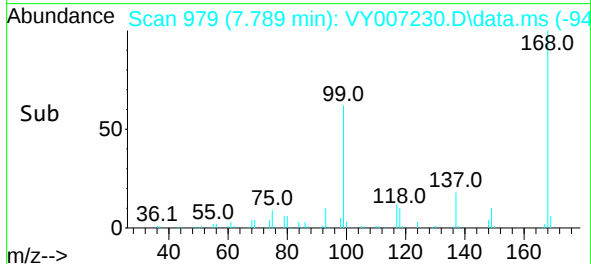
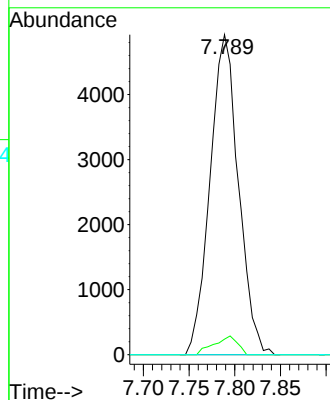
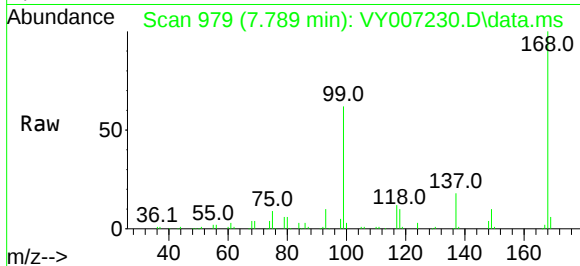




#38
Carbon Tetrachloride
Concen: 5.512 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

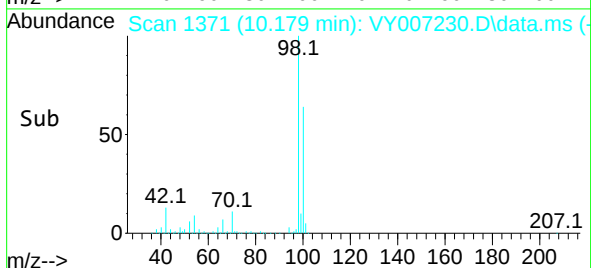
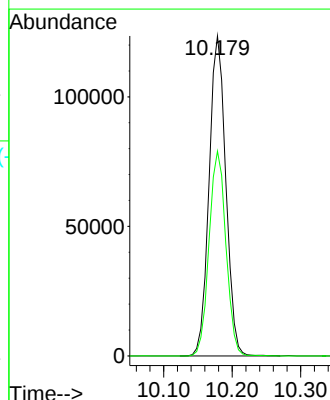
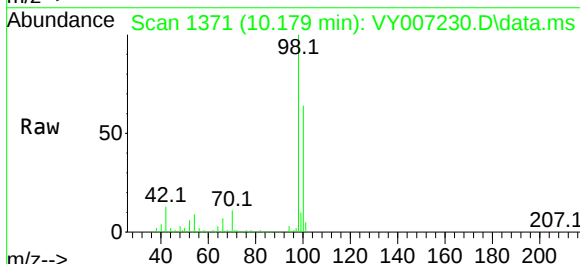
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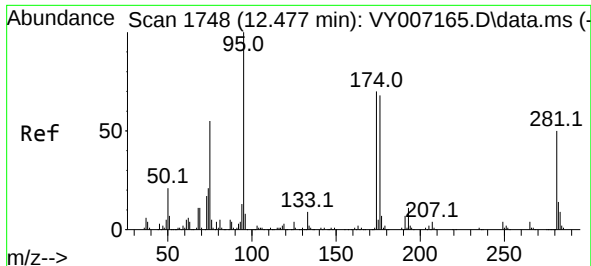
Tgt Ion:117 Resp: 10645
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.920 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

Tgt Ion: 98 Resp: 209691
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

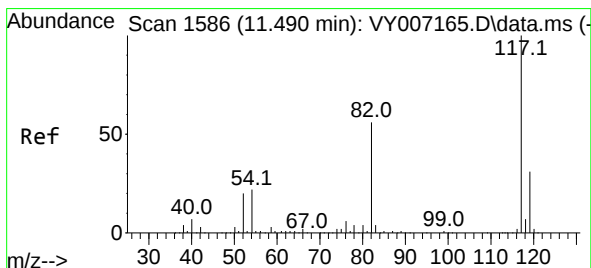
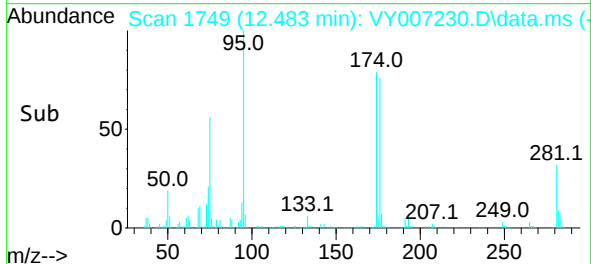
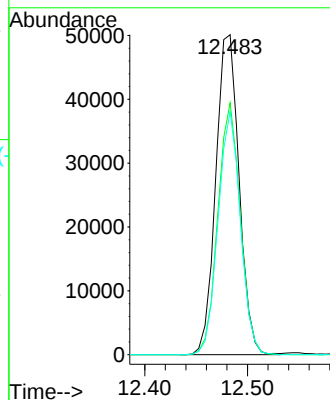
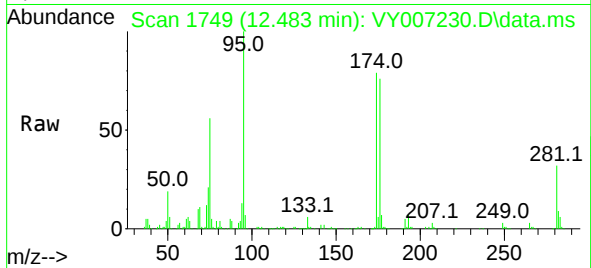




#62
4-Bromofluorobenzene
Concen: 52.791 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

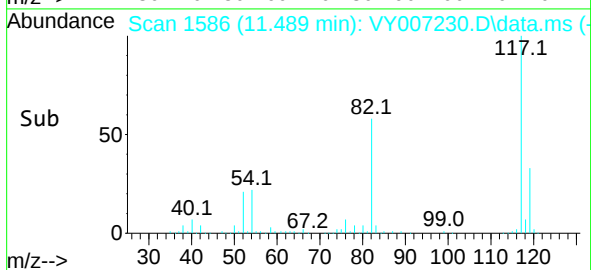
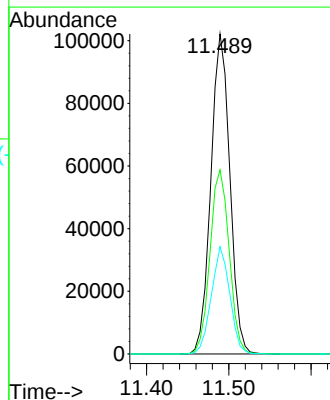
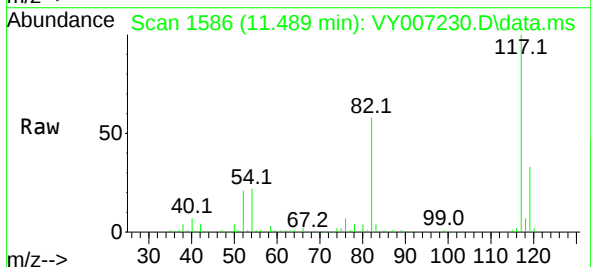
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-7

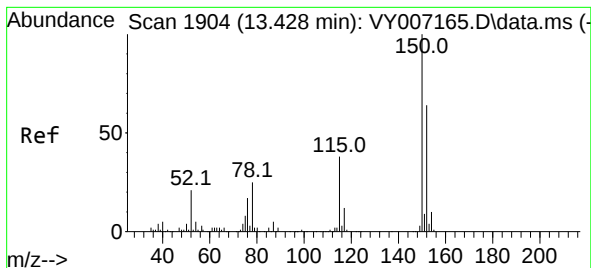
Tgt Ion: 95 Resp: 78880
Ion Ratio Lower Upper
95 100
174 75.7 0.0 148.4
176 72.5 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

Tgt Ion: 117 Resp: 164105
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.0
119 33.5 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: VY007230.D

Acq: 19 Jan 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

MTR-SOIL-7

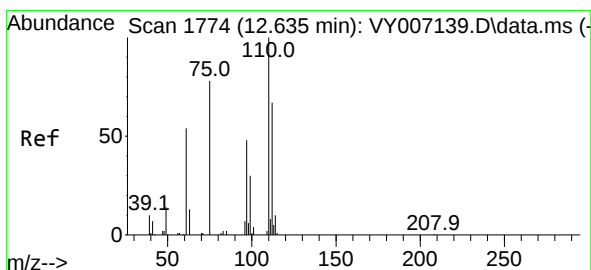
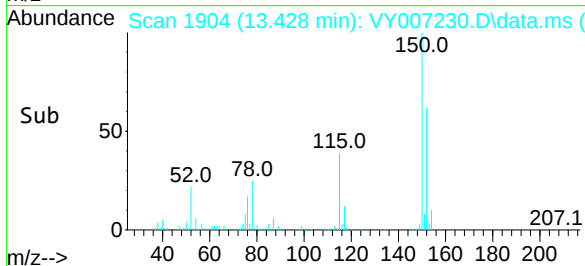
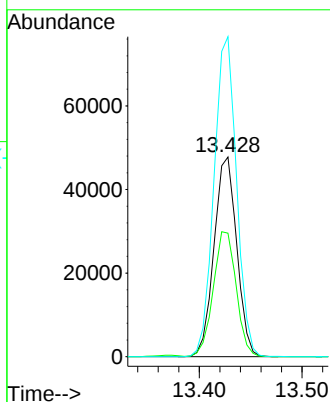
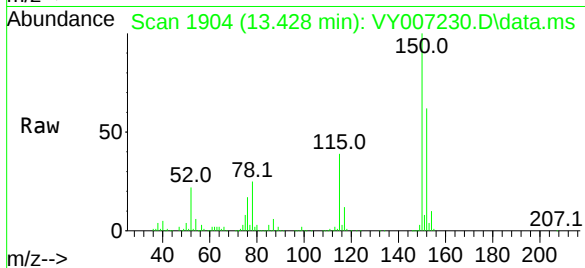
Tgt Ion:152 Resp: 73308

Ion Ratio Lower Upper

152 100

115 63.2 31.4 94.0

150 158.8 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 52.374 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007230.D

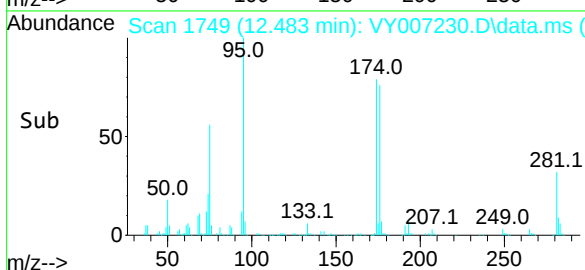
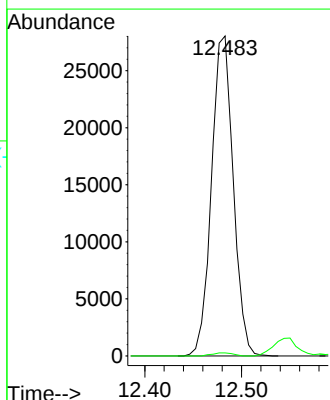
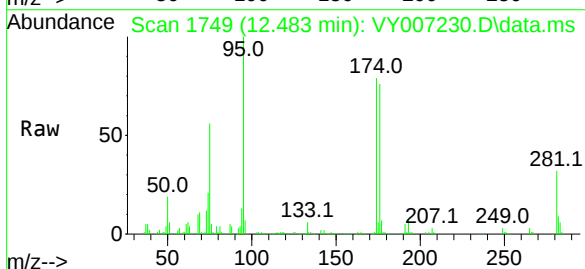
Acq: 19 Jan 2022 19:02

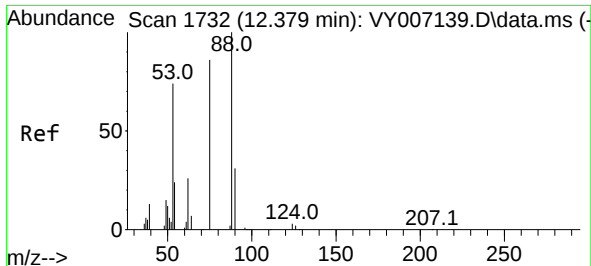
Tgt Ion: 75 Resp: 43780

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#

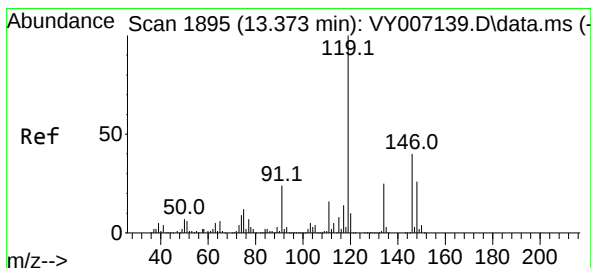
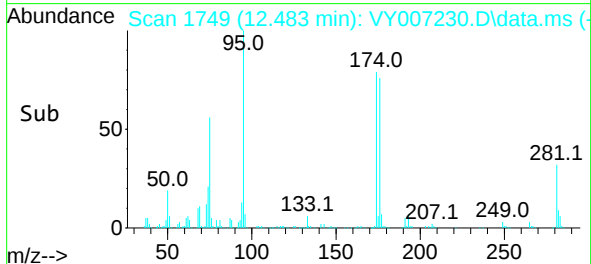
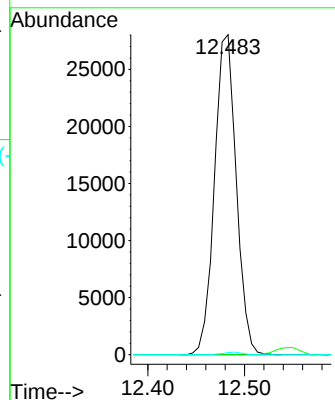
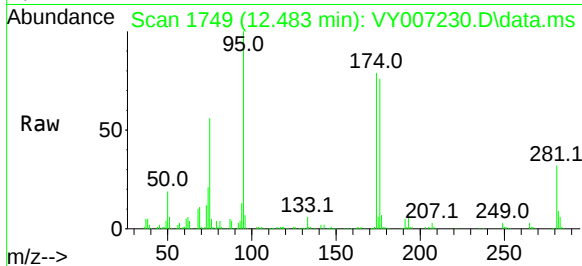




#81
trans-1,4-Dichloro-2-butene
Concen: 95.883 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-7

Tgt Ion: 75 Resp: 43780
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.7 0.0 0.0#



#86
p-Isopropyltoluene
Concen: 1.075 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

Tgt Ion: 119 Resp: 5939
Ion Ratio Lower Upper
119 100
134 26.6 12.9 38.7
91 32.8 12.4 37.2

