

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
 Data File : VY010994.D
 Acq On : 18 Oct 2022 14:33
 Operator : KP/MD
 Sample : N5133-01RE
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HAS-SOIL-1013

Quant Time: Oct 18 17:24:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

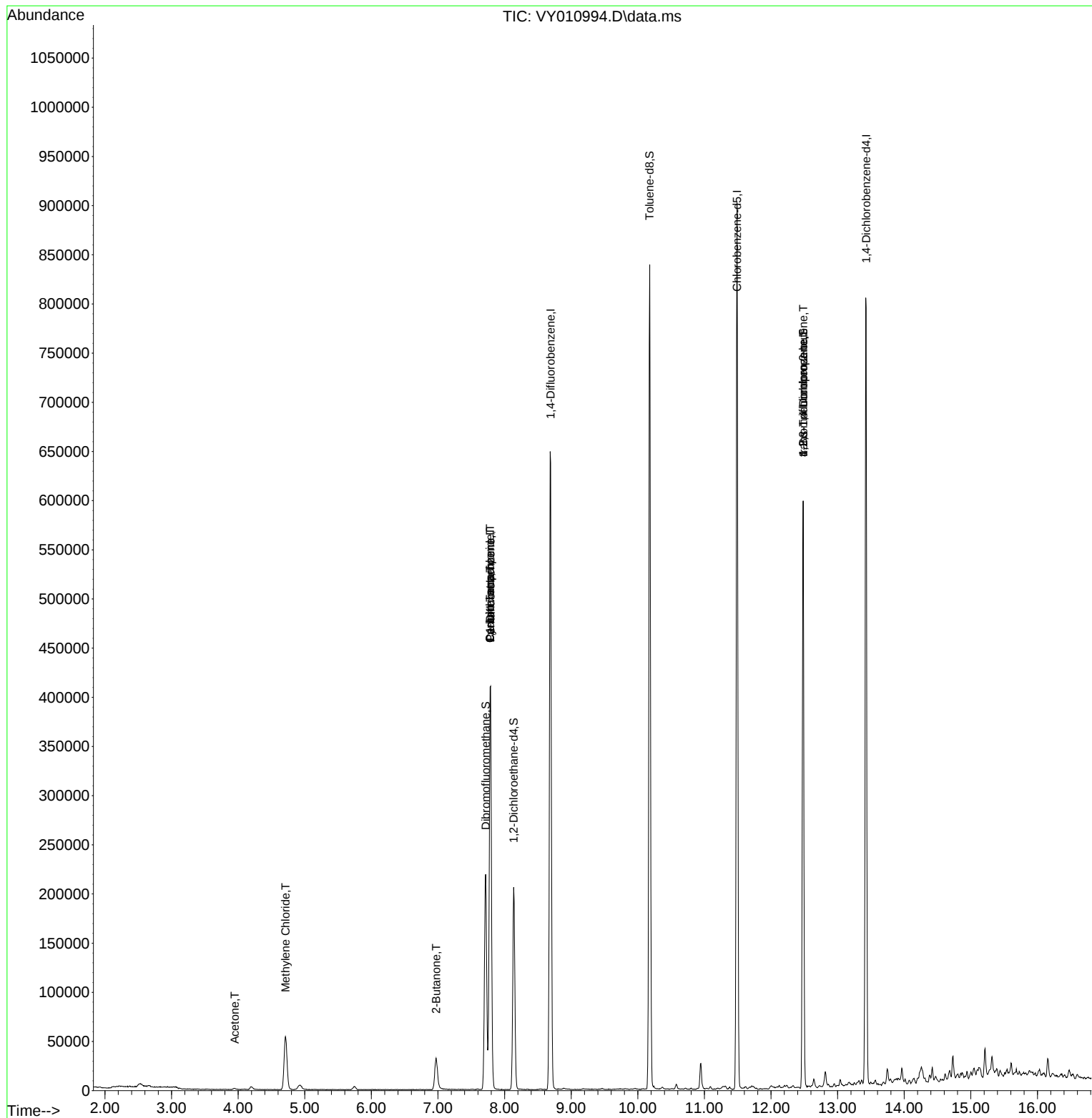
Internal Standards						
1) Pentafluorobenzene	7.789	168	326414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	561521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	490335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	212861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	153346	51.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.000%	
35) Dibromofluoromethane	7.716	113	159023	50.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.680%	
50) Toluene-d8	10.179	98	551587	47.045	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.100%	
62) 4-Bromofluorobenzene	12.483	95	183278	43.745	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	5580	Below Cal	#	79
16) Acetone	3.948	43	2105	2.411	ug/l	96
18) Methyl Acetate	4.478	43	44	Below Cal	#	56
20) Methylene Chloride	4.710	84	42958	5.691	ug/l	84
25) 2-Butanone	6.972	43	2416	1.825	ug/l	# 77
31) Cyclohexane	7.783	56	6004	1.043	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	24811	4.746	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	32396	6.004	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	92320	38.202	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	92320	82.161	ug/l	# 7

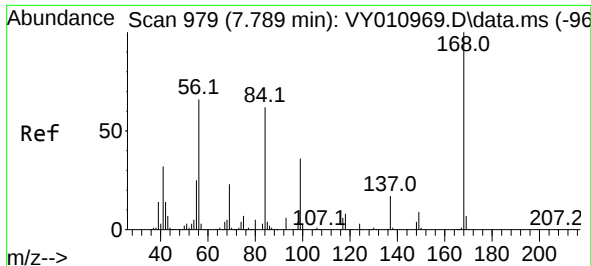
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

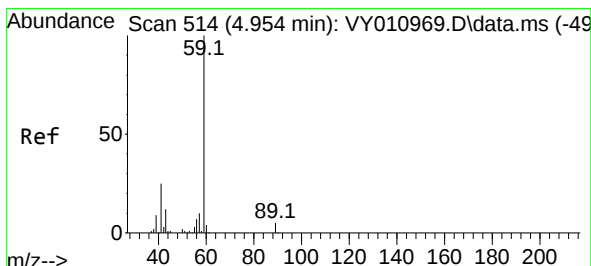
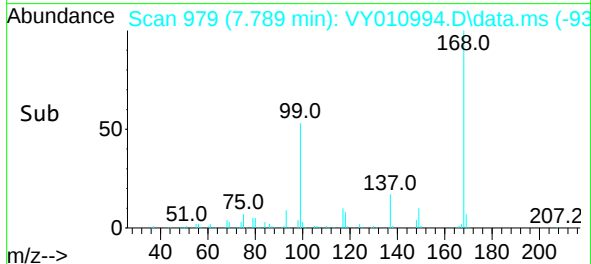
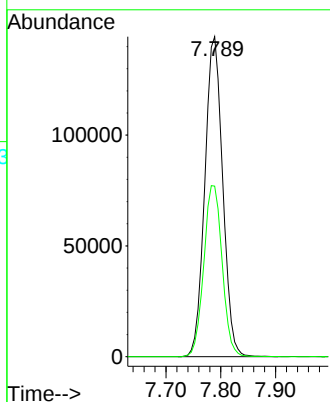
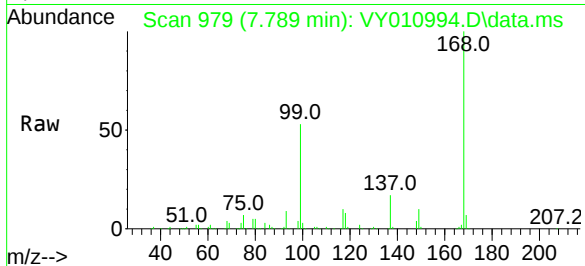




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

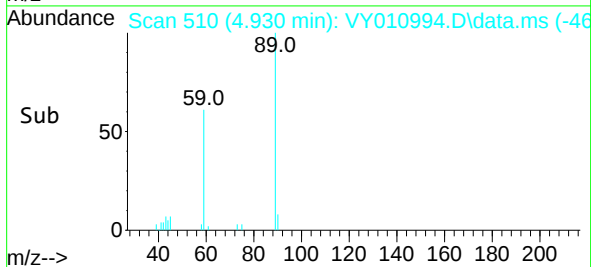
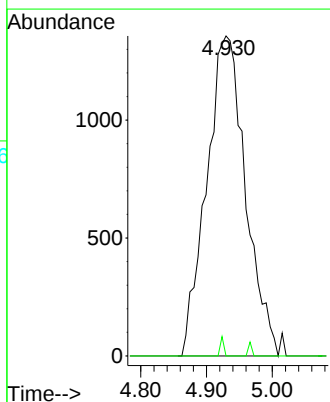
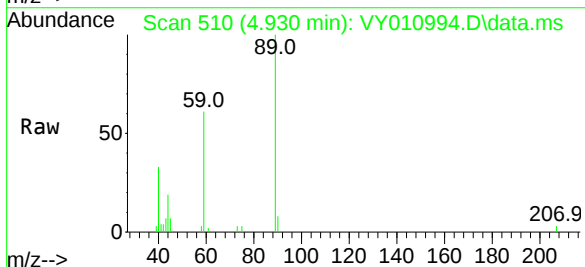
Instrument :
MSVOA_Y
ClientSampleId :
HAS-SOIL-1013

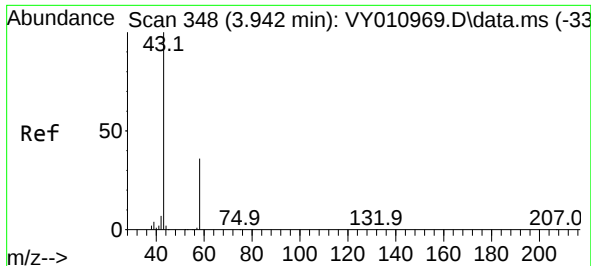
Tgt Ion:168 Resp: 326414
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

Tgt Ion: 59 Resp: 5580
Ion Ratio Lower Upper
59 100
57 0.5 6.4 9.6#

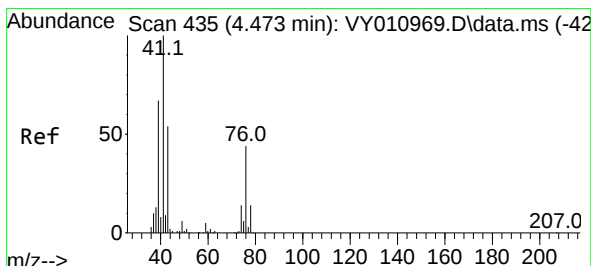
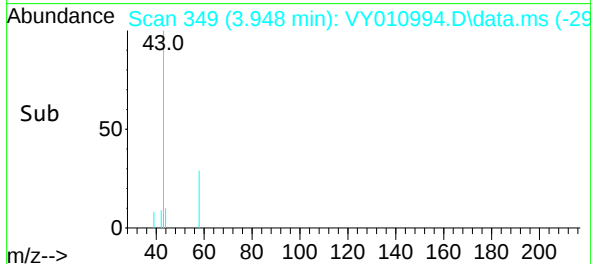
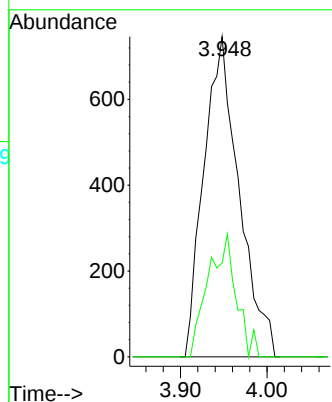
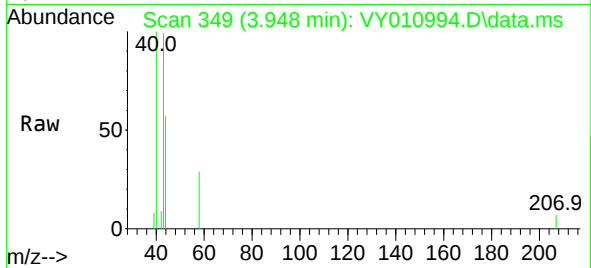




#16
Acetone
Concen: 2.411 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

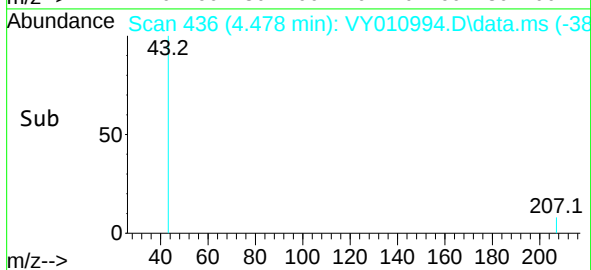
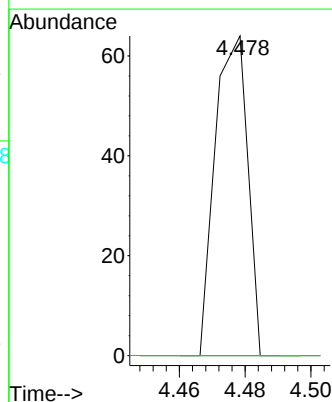
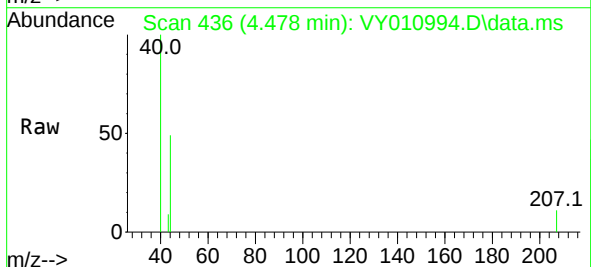
Instrument :
MSVOA_Y
ClientSampleId :
HAS-SOIL-1013

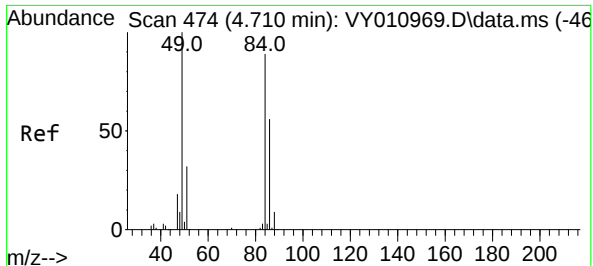
Tgt Ion: 43 Resp: 2105
Ion Ratio Lower Upper
43 100
58 29.4 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

Tgt Ion: 43 Resp: 44
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: 5.691 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY010994.D

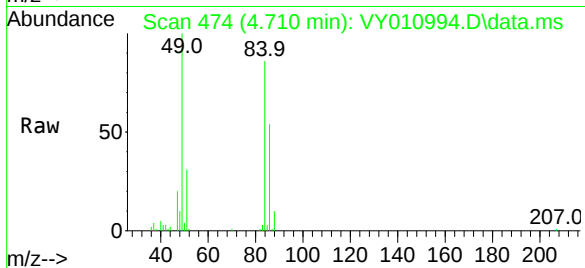
Acq: 18 Oct 2022 14:33

Instrument :

MSVOA_Y

ClientSampleId :

HAS-SOIL-1013



Tgt Ion: 84 Resp: 42958

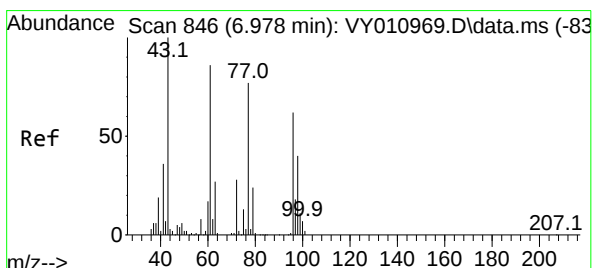
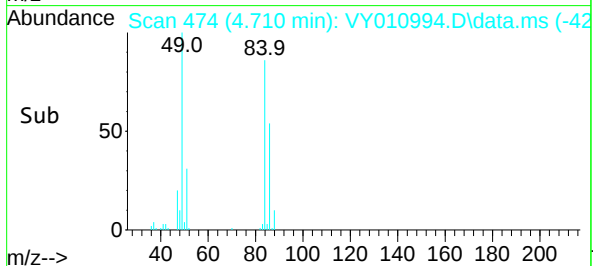
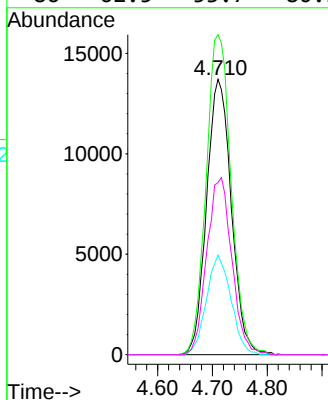
Ion Ratio Lower Upper

84 100

49 116.2 114.4 171.6

51 36.2 35.3 52.9

86 62.5 53.7 80.5



#25

2-Butanone

Concen: 1.825 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010994.D

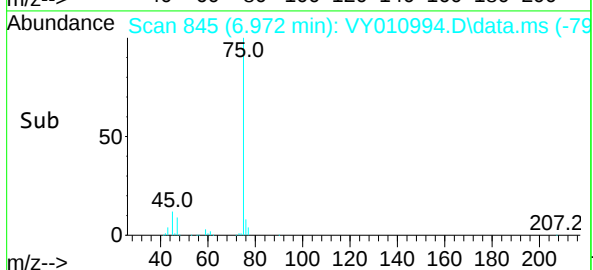
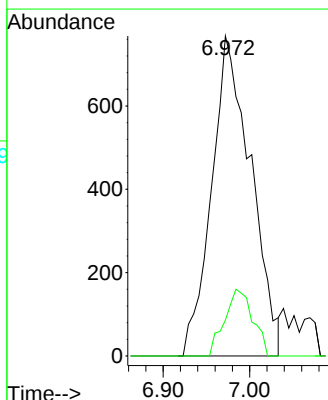
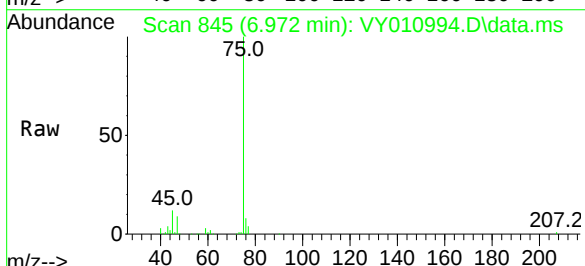
Acq: 18 Oct 2022 14:33

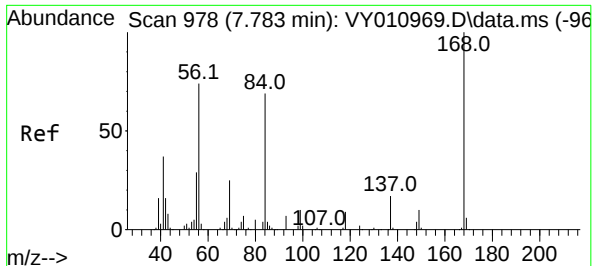
Tgt Ion: 43 Resp: 2416

Ion Ratio Lower Upper

43 100

72 11.2 17.7 26.5#

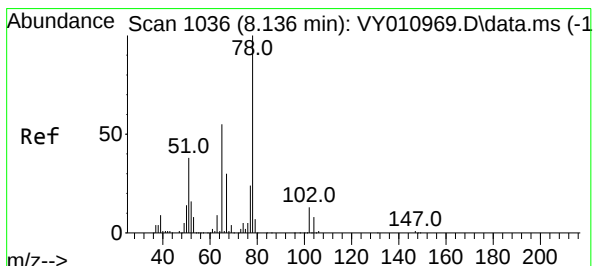
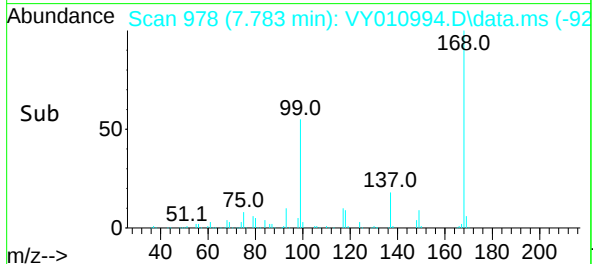
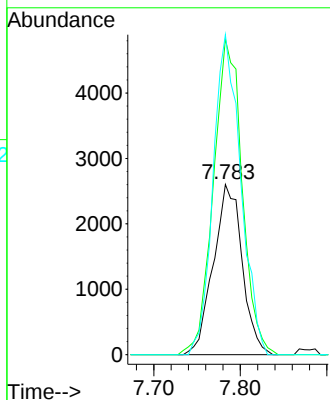
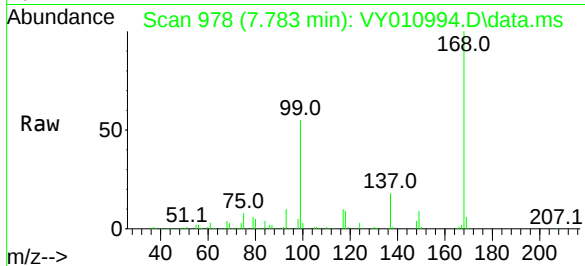




#31
Cyclohexane
Concen: 1.043 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

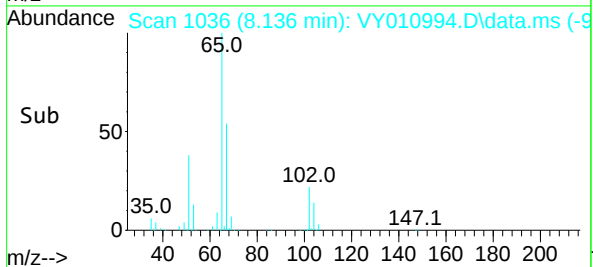
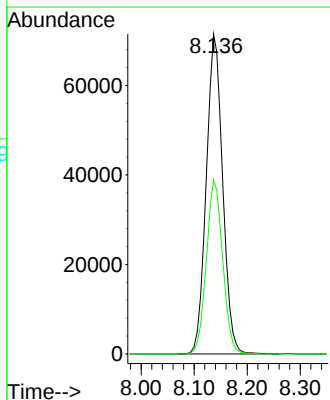
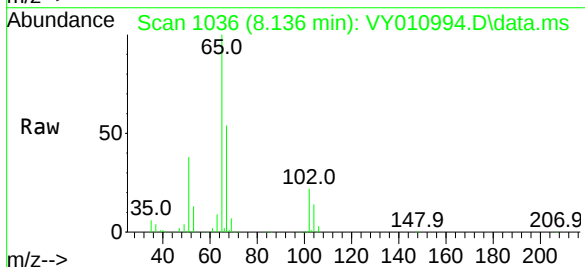
Instrument :
MSVOA_Y
ClientSampleId :
HAS-SOIL-1013

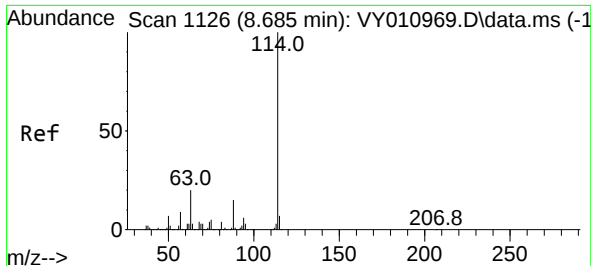
Tgt Ion: 56 Resp: 6004
Ion Ratio Lower Upper
56 100
69 185.4 26.7 40.1#
84 187.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 51.001 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

Tgt Ion: 65 Resp: 153346
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010994.D

Acq: 18 Oct 2022 14:33

Instrument :

MSVOA_Y

ClientSampleId :

HAS-SOIL-1013

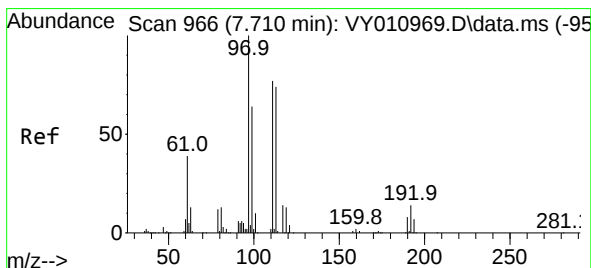
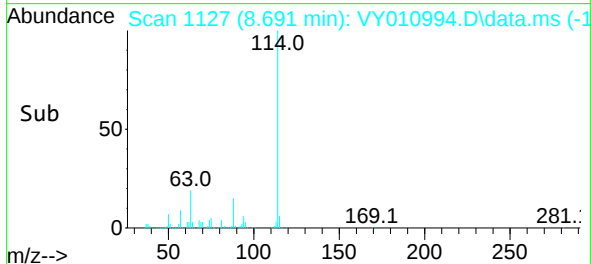
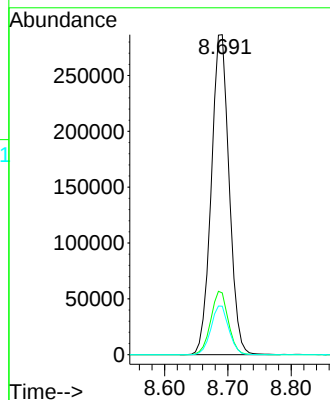
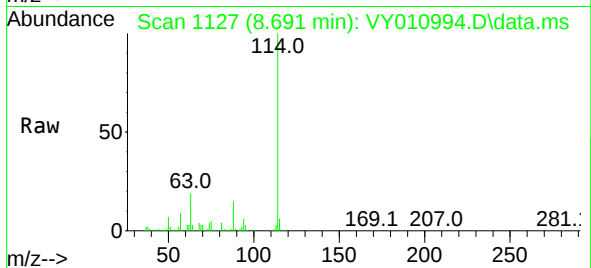
Tgt Ion:114 Resp: 561521

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.841 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010994.D

Acq: 18 Oct 2022 14:33

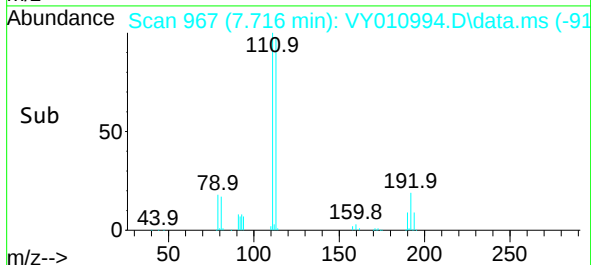
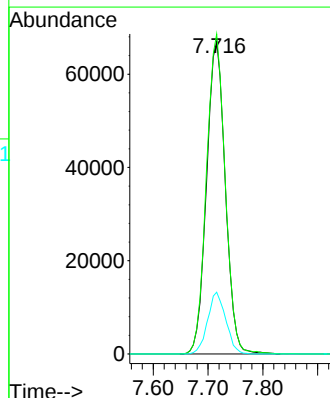
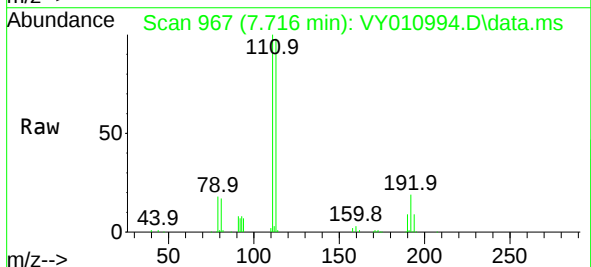
Tgt Ion:113 Resp: 159023

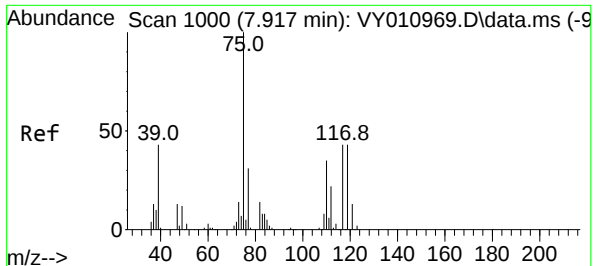
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 19.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.746 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY010994.D

Acq: 18 Oct 2022 14:33

Instrument :

MSVOA_Y

ClientSampleId :

HAS-SOIL-1013

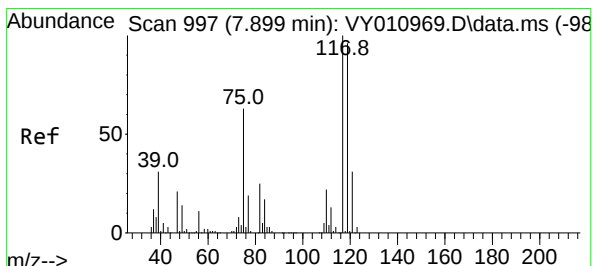
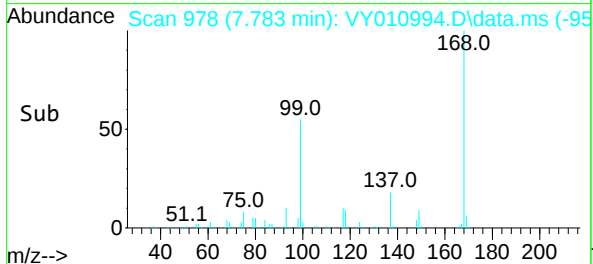
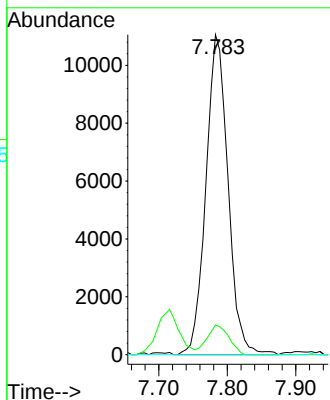
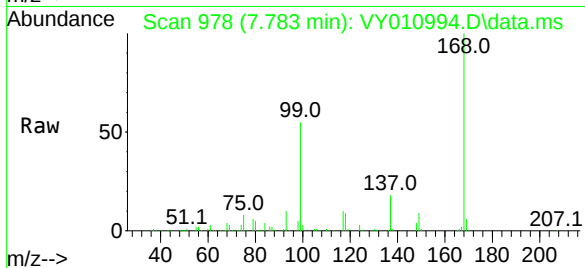
Tgt Ion: 75 Resp: 24811

Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.004 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY010994.D

Acq: 18 Oct 2022 14:33

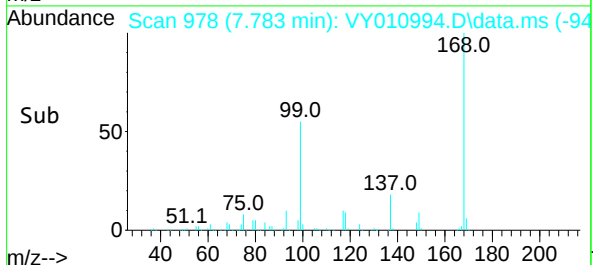
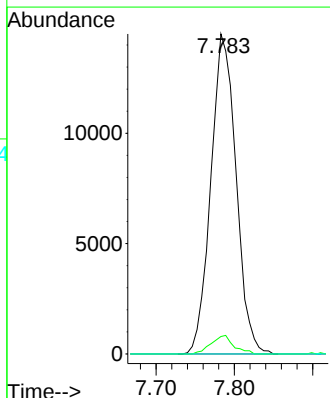
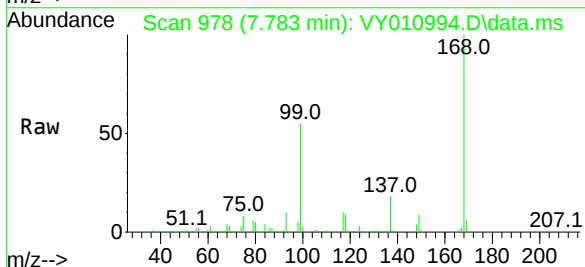
Tgt Ion: 117 Resp: 32396

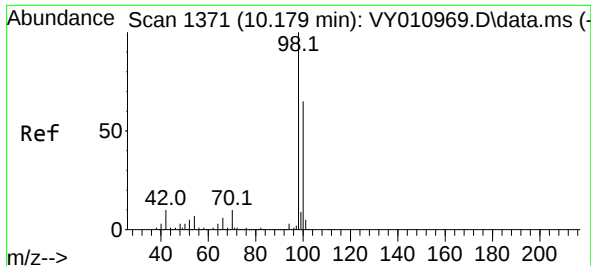
Ion Ratio Lower Upper

117 100

119 5.5 77.9 116.9#

121 0.0 24.8 37.2#

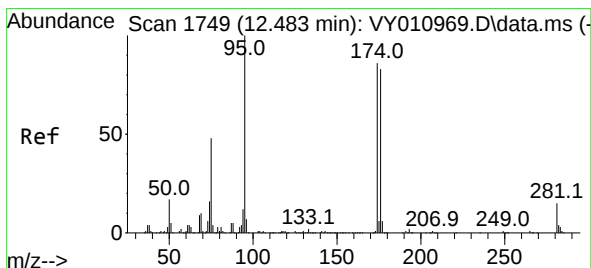
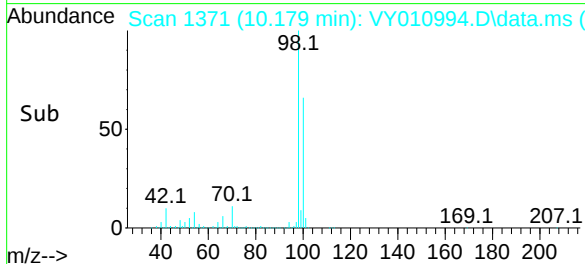
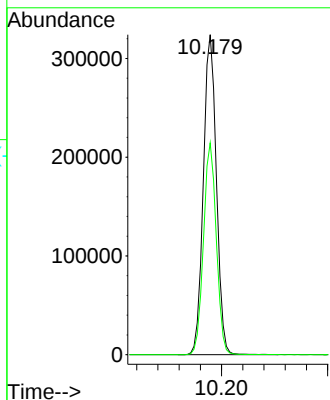
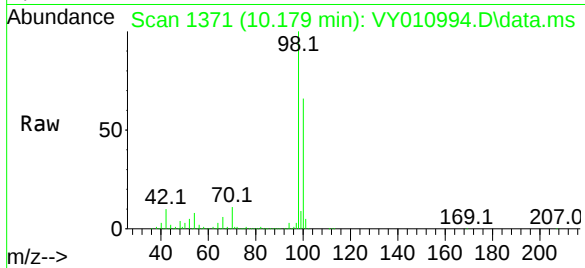




#50
Toluene-d8
Concen: 47.045 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

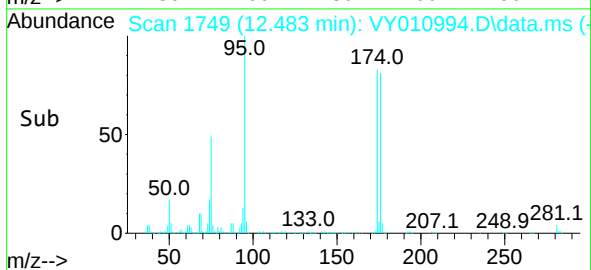
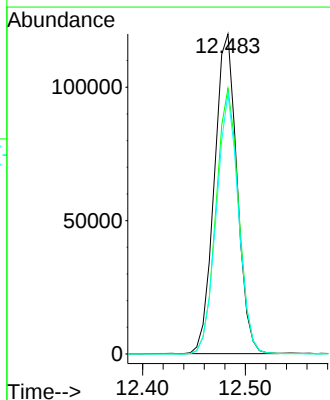
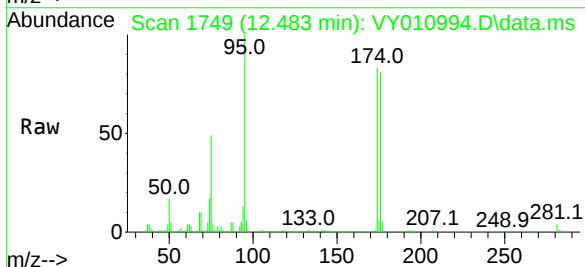
Instrument :
MSVOA_Y
ClientSampleId :
HAS-SOIL-1013

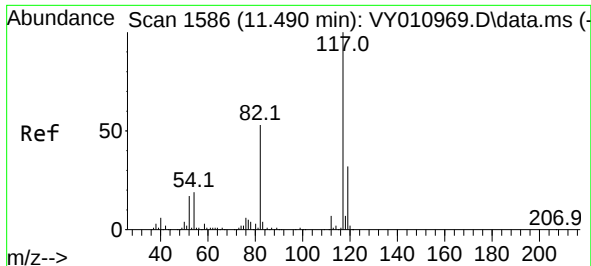
Tgt Ion: 98 Resp: 551587
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.745 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

Tgt Ion: 95 Resp: 183278
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 79.7 0.0 175.8

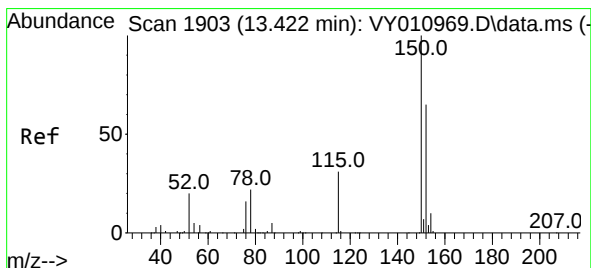
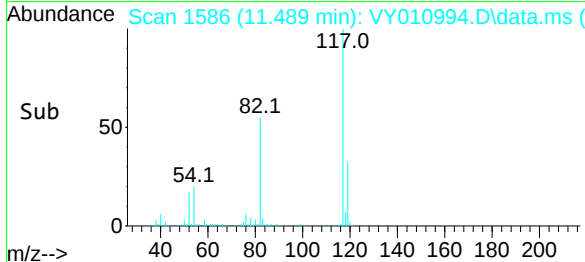
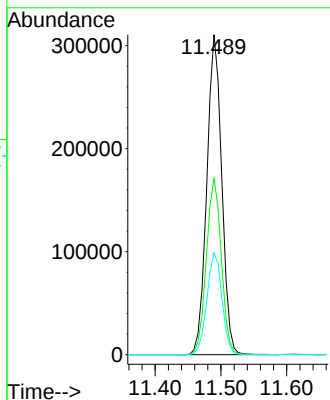
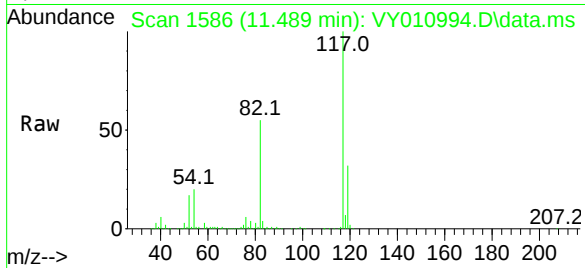




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

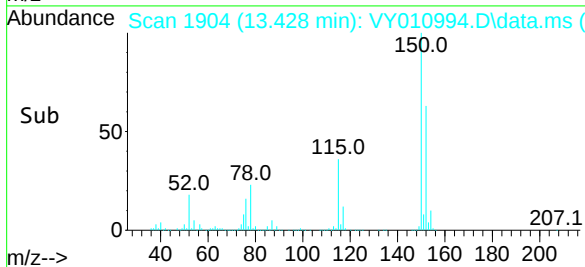
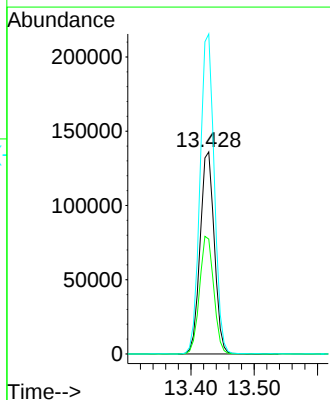
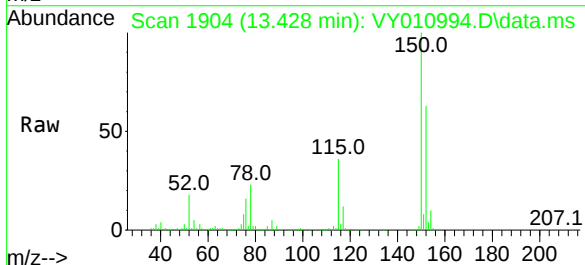
Instrument :
MSVOA_Y
ClientSampleId :
HAS-SOIL-1013

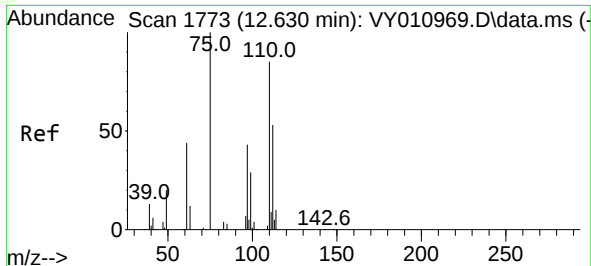
Tgt Ion:117 Resp: 490335
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

Tgt Ion:152 Resp: 212861
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 158.7 0.0 347.6

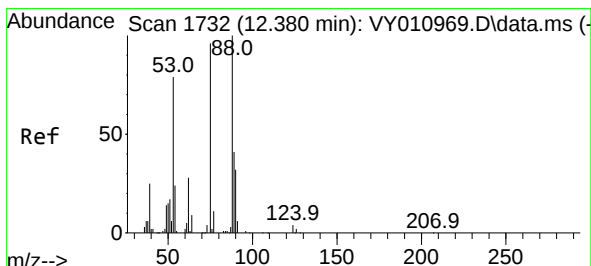
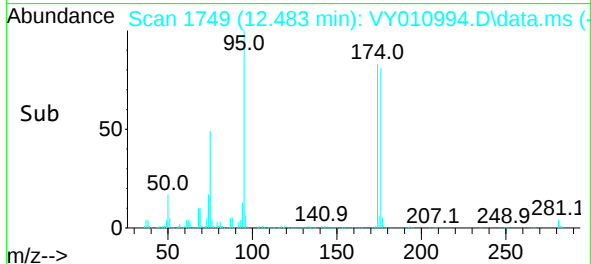
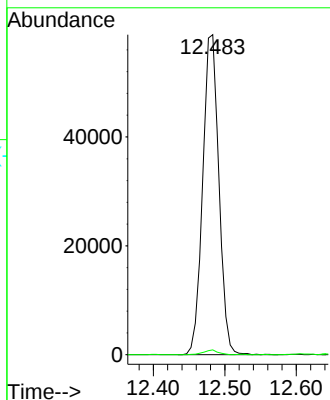
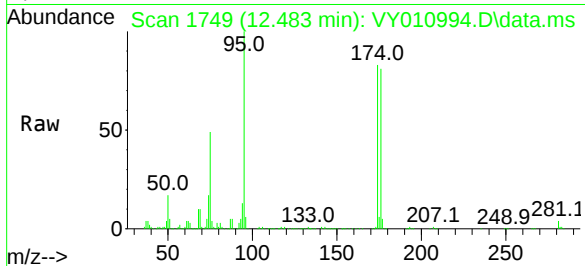




#76
1,2,3-Trichloropropane
Concen: 38.202 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

Instrument :
MSVOA_Y
ClientSampleId :
HAS-SOIL-1013

Tgt Ion: 75 Resp: 92320
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.161 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

Tgt Ion: 75 Resp: 92320
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

