

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011180.D
 Acq On : 29 Oct 2022 01:37
 Operator : KP/MD
 Sample : N5286-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BBS-SOILCUT-1026

Quant Time: Oct 29 06:46:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

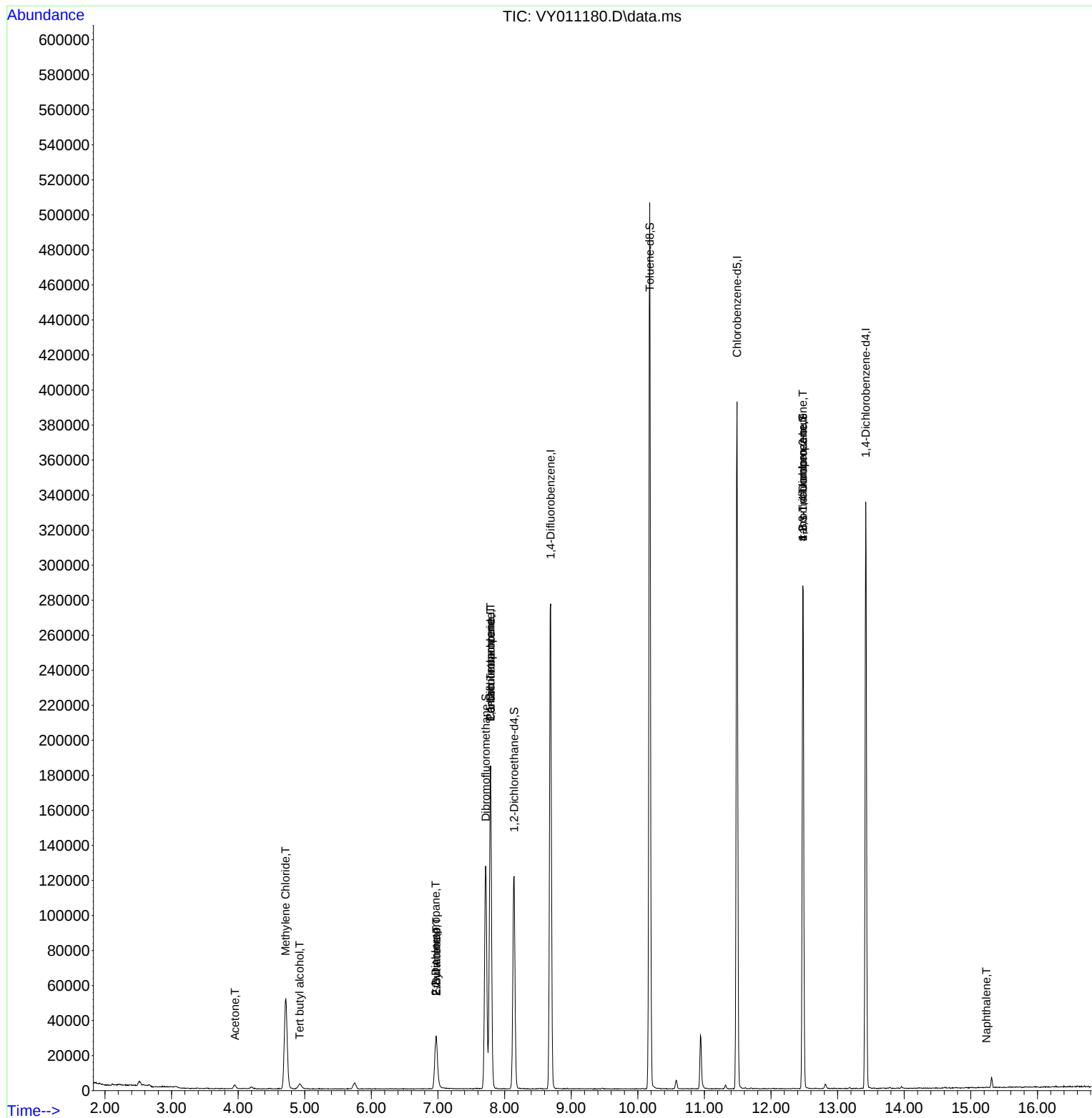
Internal Standards						
1) Pentafluorobenzene	7.789	168	142167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	243048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	217116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	94553	64.320	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.640%			
35) Dibromofluoromethane	7.716	113	93420	62.503	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 125.000%			
50) Toluene-d8	10.179	98	328998	55.561	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.120%			
62) 4-Bromofluorobenzene	12.477	95	93893	48.461	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.920%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	250	Below Cal	#	80
4) Vinyl Chloride	2.272	62	22	Below Cal	#	43
5) Bromomethane	2.662	94	294	Below Cal		93
6) Chloroethane	2.991	64	21	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	3299	19.245	ug/l #	77
16) Acetone	3.954	43	3815	10.607	ug/l #	84
17) Carbon Disulfide	4.204	76	200	Below Cal	#	75
18) Methyl Acetate	4.479	43	121	Below Cal	#	56
20) Methylene Chloride	4.710	84	41125	24.220	ug/l #	82
25) 2-Butanone	6.978	43	1832	3.553	ug/l	92
26) 2,2-Dichloropropane	6.966	77	2287	1.016	ug/l #	55
31) Cyclohexane	7.789	56	2955	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	10851	5.569	ug/l #	50
37) Ethyl Acetate	6.978	43	1832	1.662	ug/l #	1
38) Carbon Tetrachloride	7.789	117	14105	6.646	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	46625	50.715	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46625	107.702	ug/l #	7
95) Naphthalene	15.233	128	332	4.450	ug/l #	69

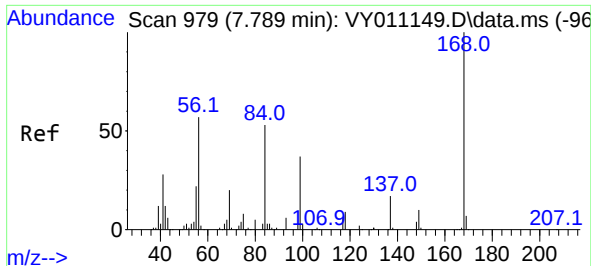
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
Data File : VY011180.D
Acq On : 29 Oct 2022 01:37
Operator : KP/MD
Sample : N5286-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BBS-SOILCUT-1026

Quant Time: Oct 29 06:46:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 2022
Response via : Initial Calibration

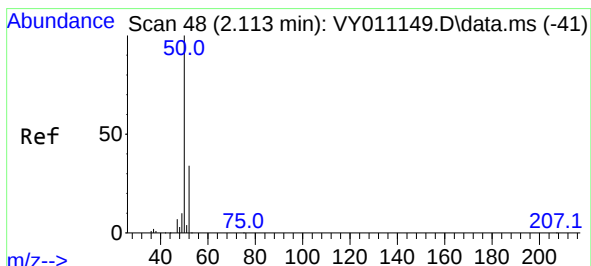
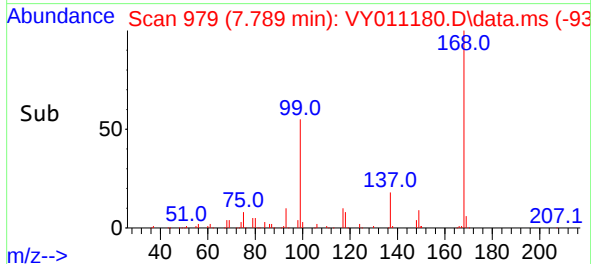
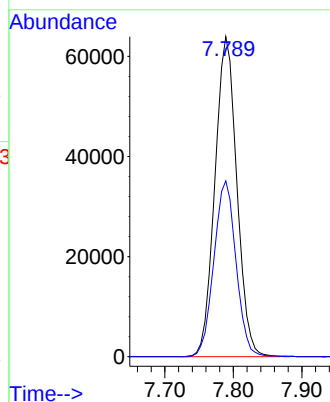
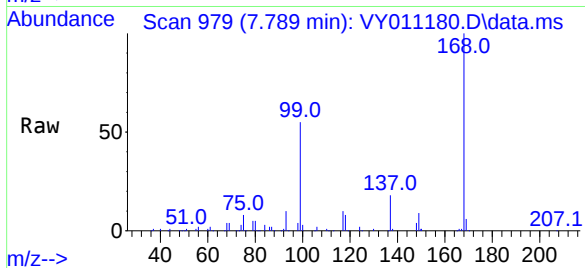




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

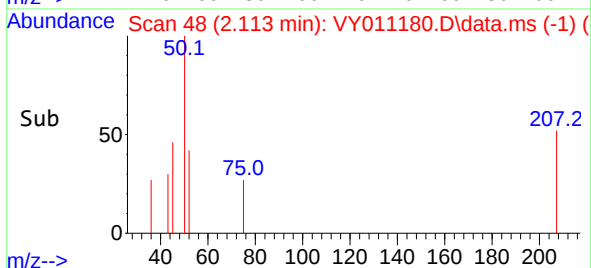
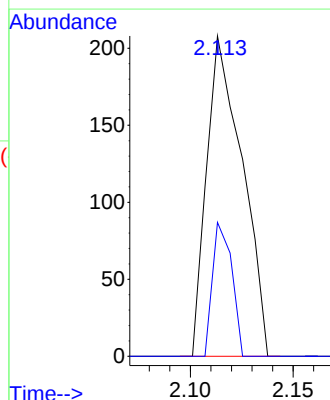
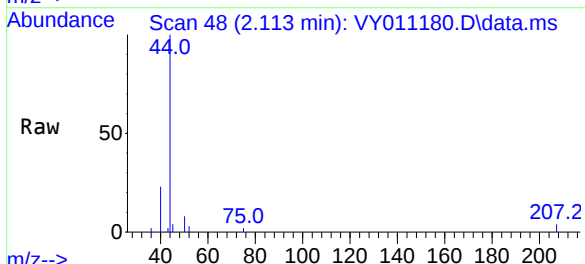
Instrument :
MSVOA_Y
ClientSampleId :
BBS-SOILCUT-1026

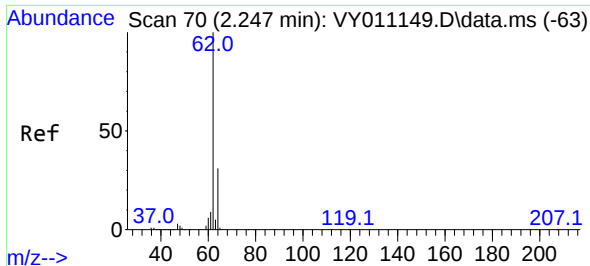
Tgt Ion:168 Resp: 142167
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

Tgt Ion: 50 Resp: 250
Ion Ratio Lower Upper
50 100
52 41.8 24.6 37.0#

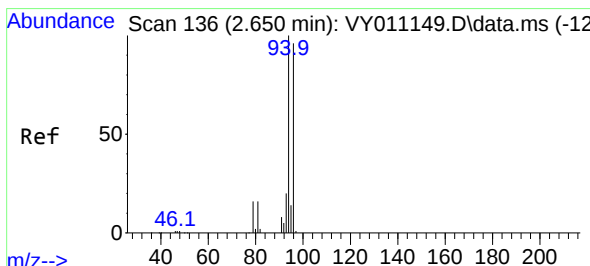
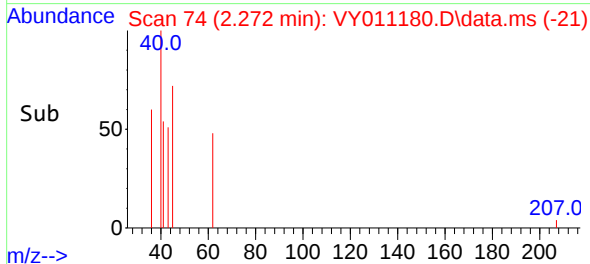
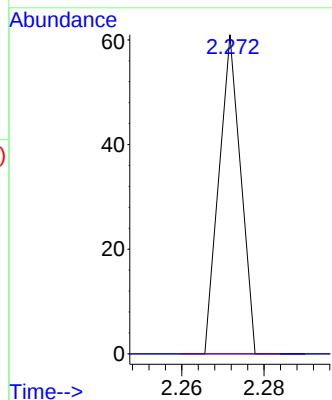
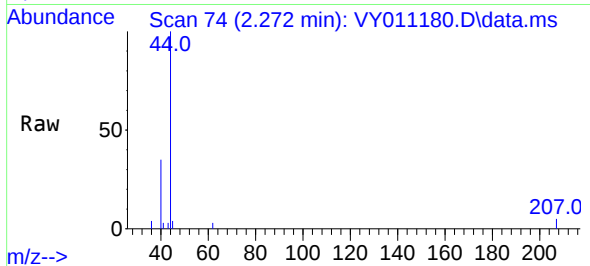




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.272 min Scan# 74
 Delta R.T. 0.025 min
 Lab File: VY011180.D
 Acq: 29 Oct 2022 01:37

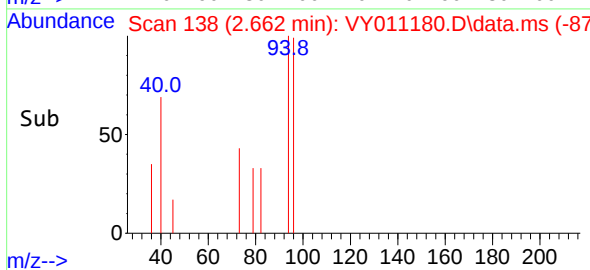
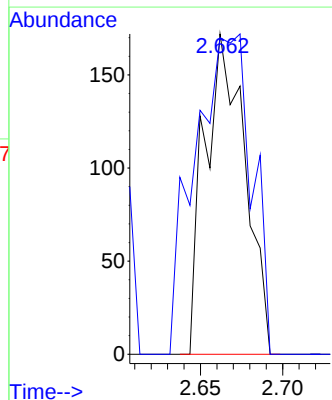
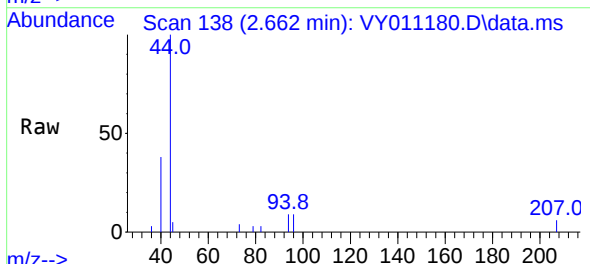
Instrument :
 MSVOA_Y
 ClientSampleId :
 BBS-SOILCUT-1026

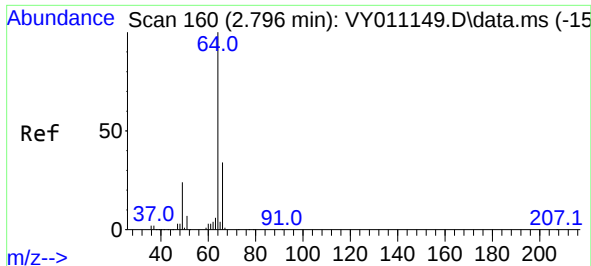
Tgt Ion: 62 Resp: 22
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.662 min Scan# 138
 Delta R.T. 0.012 min
 Lab File: VY011180.D
 Acq: 29 Oct 2022 01:37

Tgt Ion: 94 Resp: 294
 Ion Ratio Lower Upper
 94 100
 96 98.8 73.5 110.3

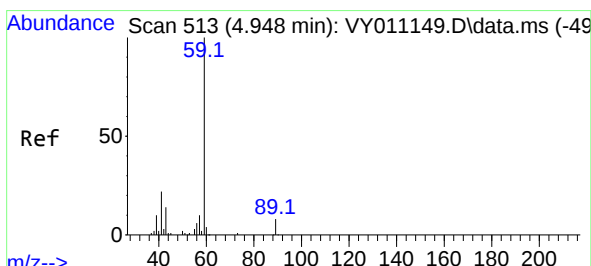
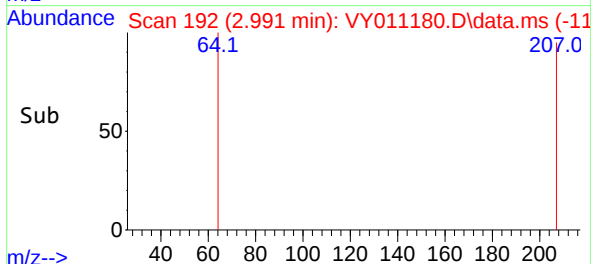
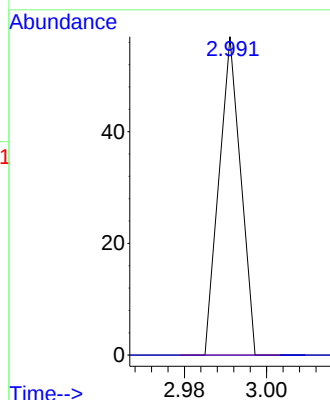
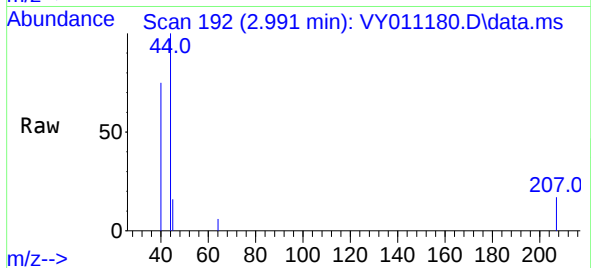




#6
Chloroethane
Concen: Below Cal
RT: 2.991 min Scan# 11
Delta R.T. 0.195 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

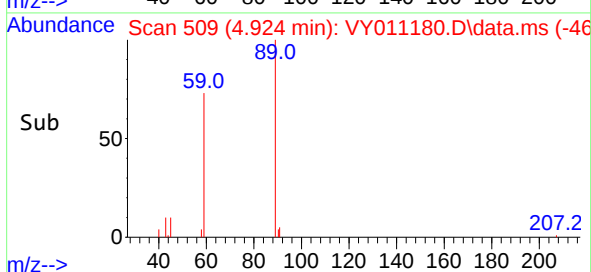
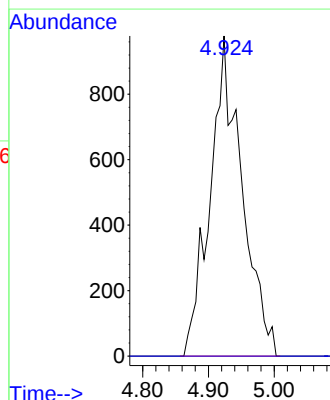
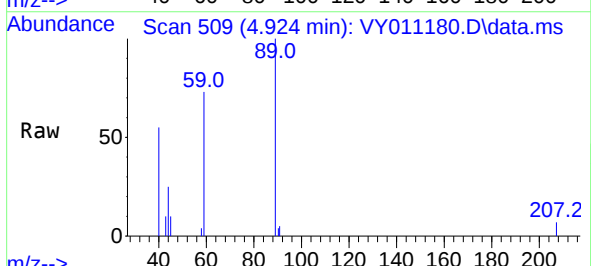
Instrument :
MSVOA_Y
ClientSampleId :
BBS-SOILCUT-1026

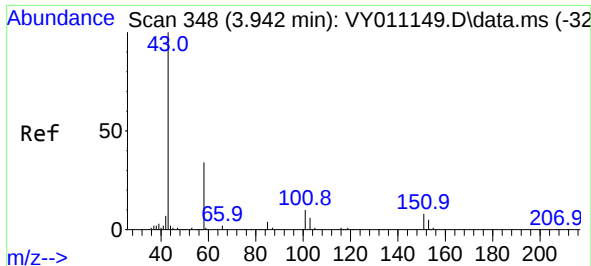
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 19.245 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

Tgt Ion: 59 Resp: 3299
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

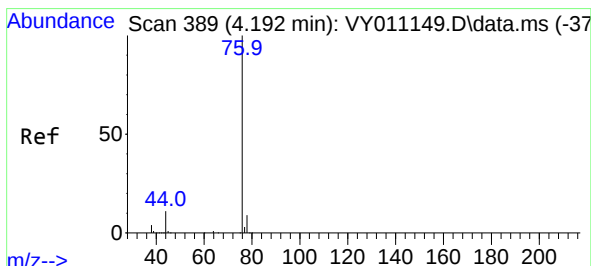
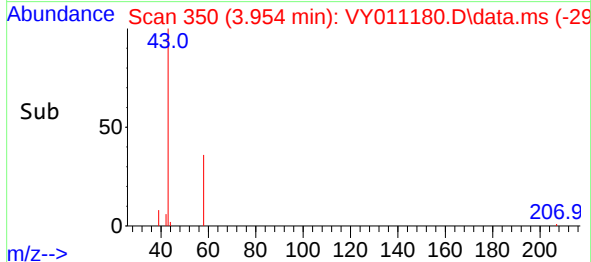
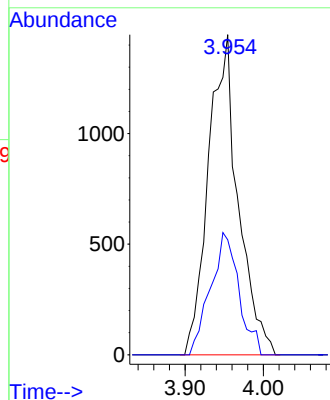
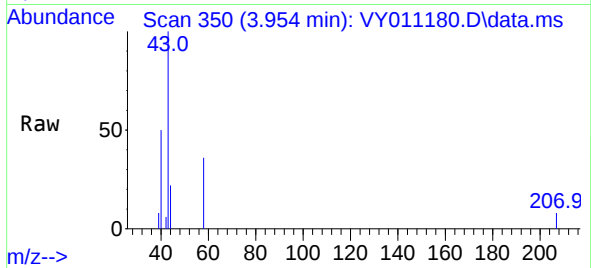




#16
Acetone
Concen: 10.607 ug/l
RT: 3.954 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

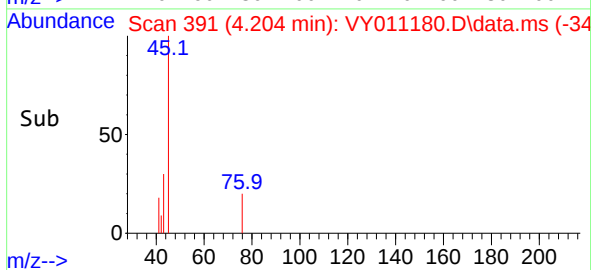
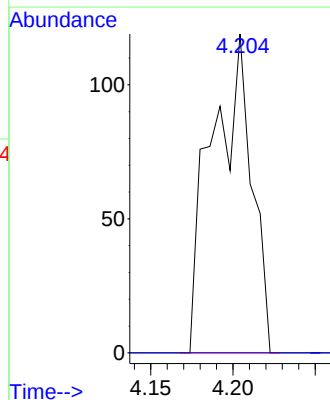
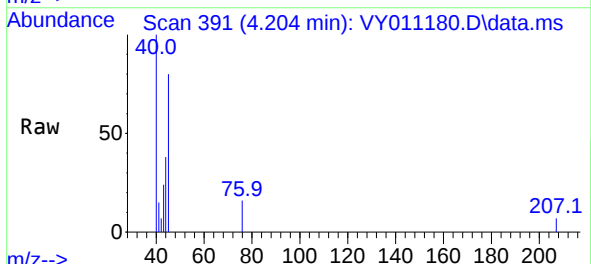
Instrument :
MSVOA_Y
ClientSampleId :
BBS-SOILCUT-1026

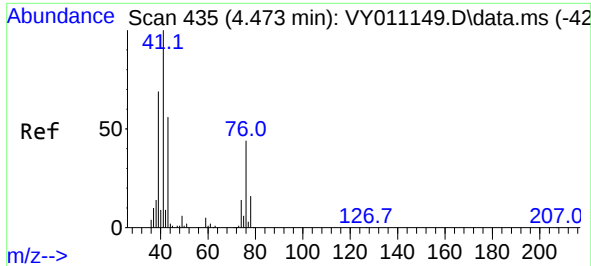
Tgt Ion: 43 Resp: 3815
Ion Ratio Lower Upper
43 100
58 35.9 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

Tgt Ion: 76 Resp: 200
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY011180.D

Acq: 29 Oct 2022 01:37

Instrument :

MSVOA_Y

ClientSampleId :

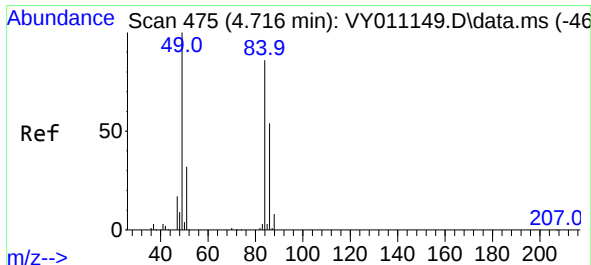
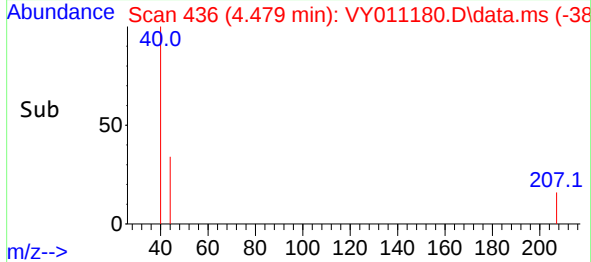
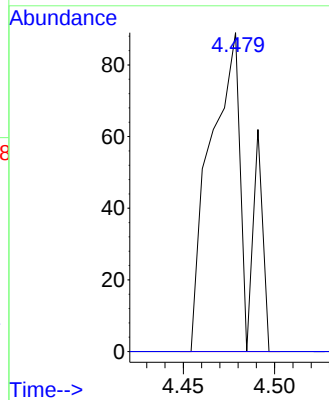
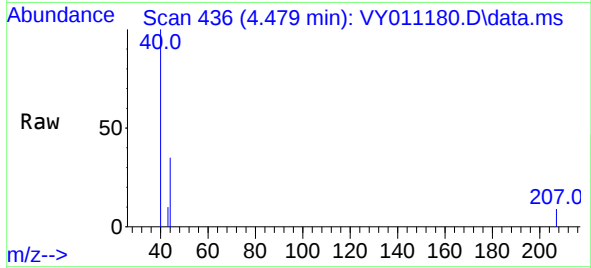
BBS-SOILCUT-1026

Tgt Ion: 43 Resp: 121

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: 24.220 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY011180.D

Acq: 29 Oct 2022 01:37

Tgt Ion: 84 Resp: 41125

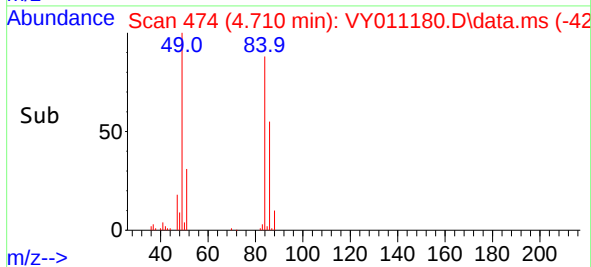
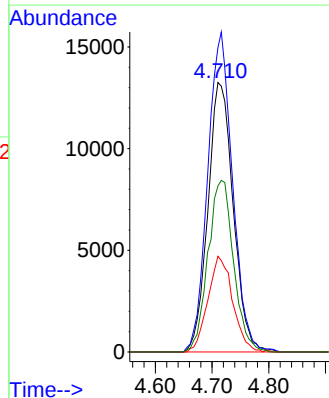
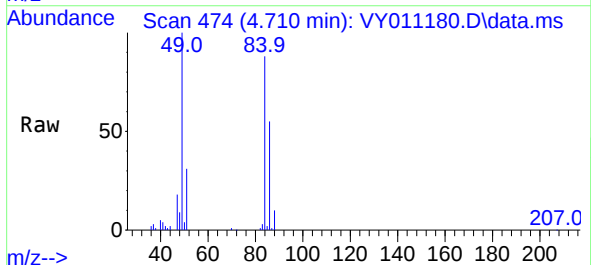
Ion Ratio Lower Upper

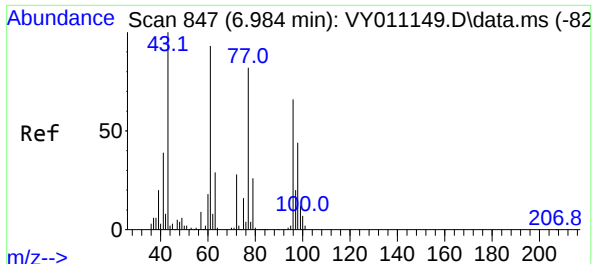
84 100

49 113.0 114.4 171.6#

51 35.5 35.3 52.9

86 61.6 53.7 80.5





#25

2-Butanone

Concen: 3.553 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY011180.D

Acq: 29 Oct 2022 01:37

Instrument :

MSVOA_Y

ClientSampleId :

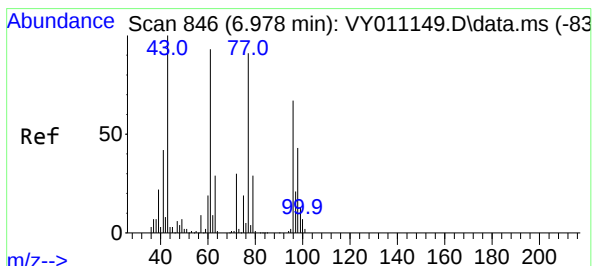
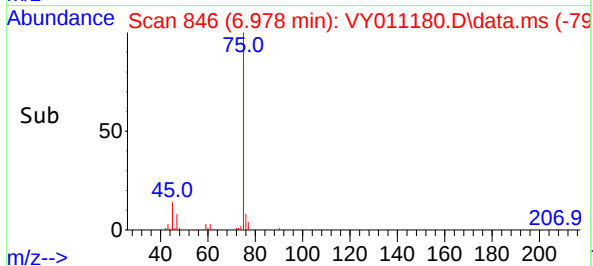
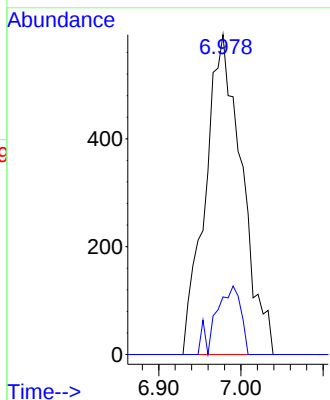
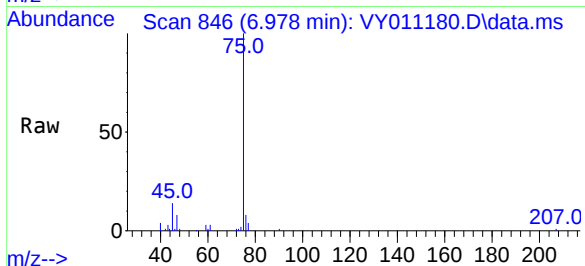
BBS-SOILCUT-1026

Tgt Ion: 43 Resp: 1832

Ion Ratio Lower Upper

43 100

72 18.0 17.7 26.5



#26

2,2-Dichloropropane

Concen: 1.016 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY011180.D

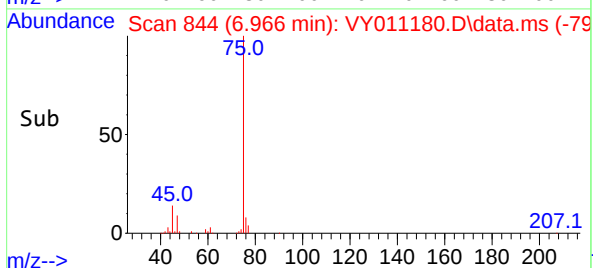
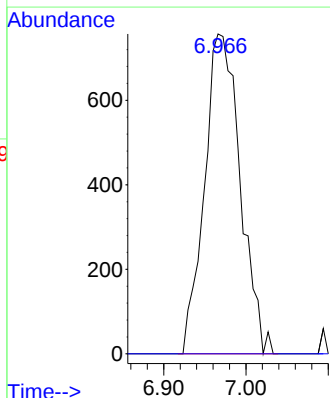
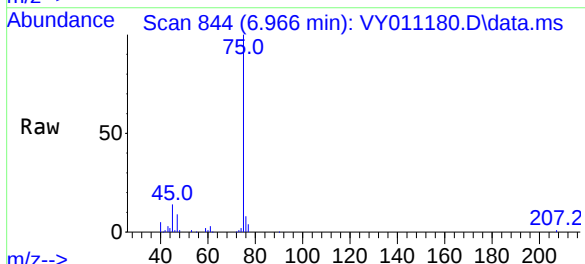
Acq: 29 Oct 2022 01:37

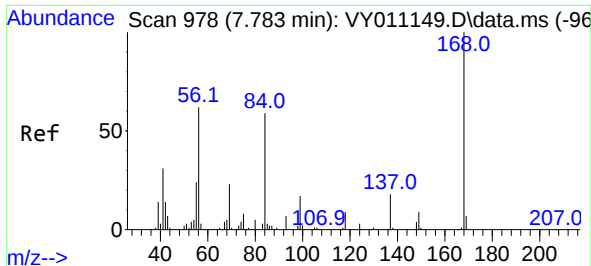
Tgt Ion: 77 Resp: 2287

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#

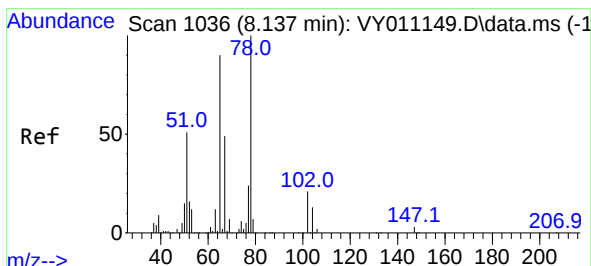
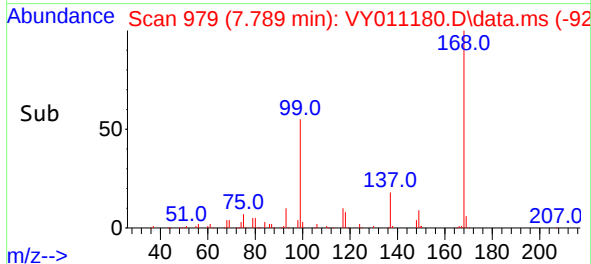
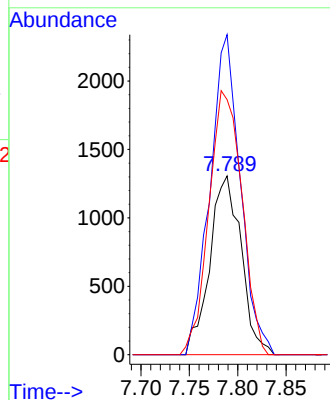
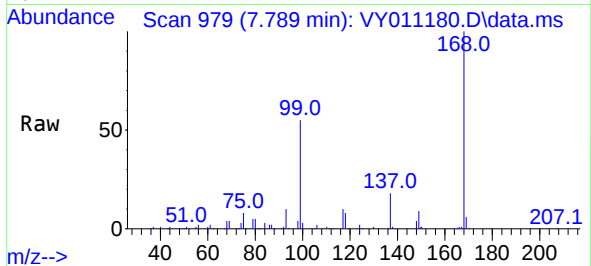




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

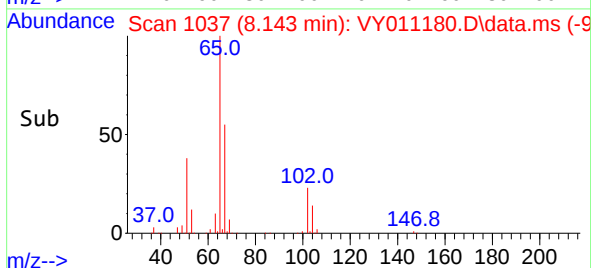
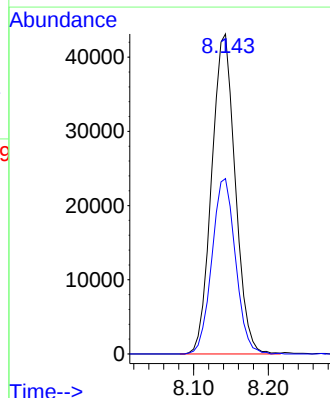
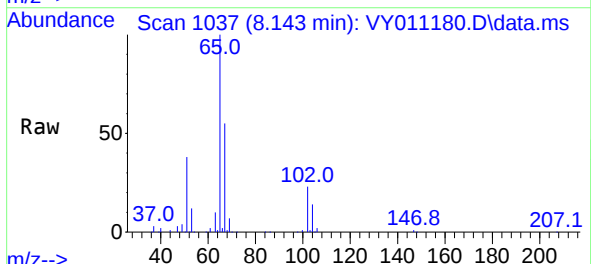
Instrument :
MSVOA_Y
ClientSampleId :
BBS-SOILCUT-1026

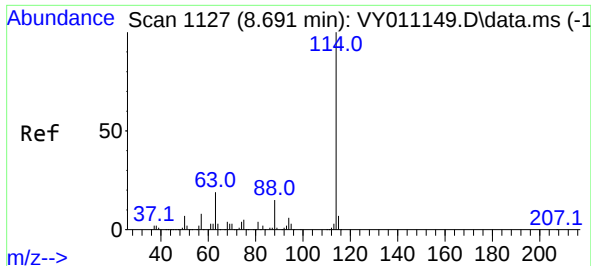
Tgt Ion: 56 Resp: 2955
Ion Ratio Lower Upper
56 100
69 179.0 26.7 40.1#
84 142.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.320 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

Tgt Ion: 65 Resp: 94553
Ion Ratio Lower Upper
65 100
67 54.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011180.D

Acq: 29 Oct 2022 01:37

Instrument :

MSVOA_Y

ClientSampleId :

BBS-SOILCUT-1026

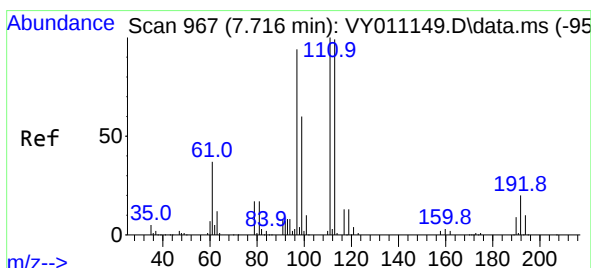
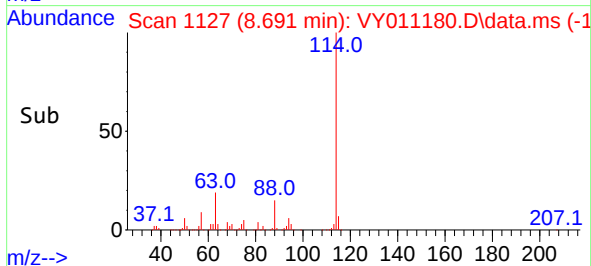
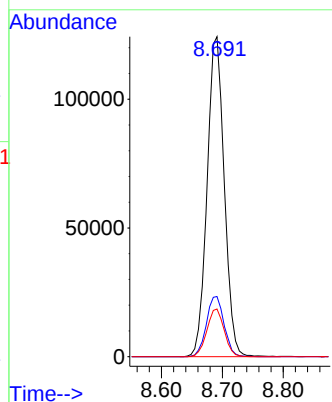
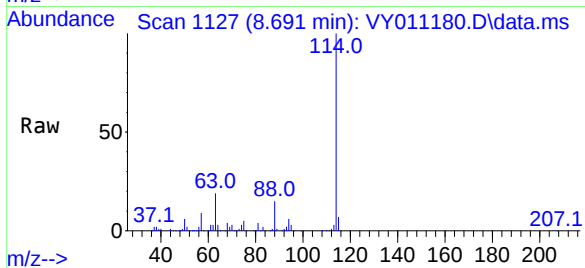
Tgt Ion:114 Resp: 243048

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 62.503 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011180.D

Acq: 29 Oct 2022 01:37

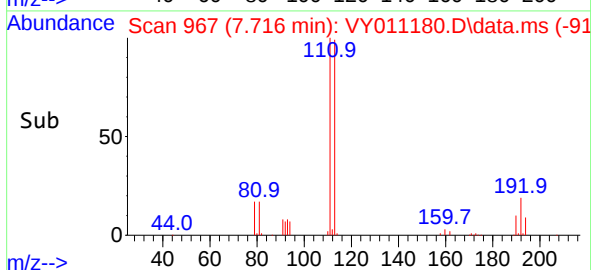
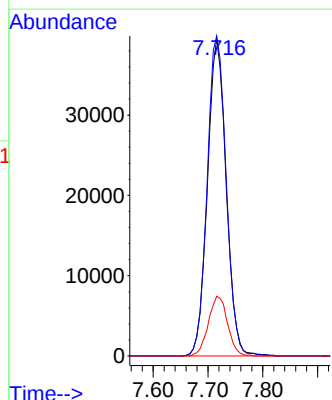
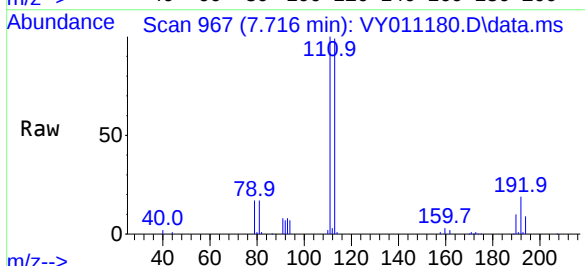
Tgt Ion:113 Resp: 93420

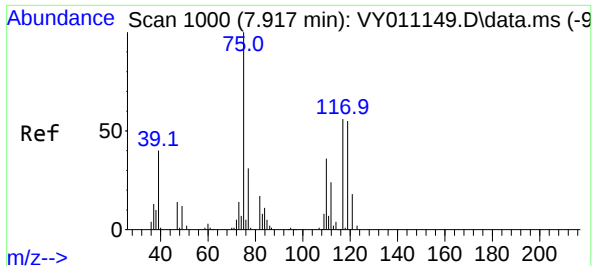
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.3 17.6 26.4

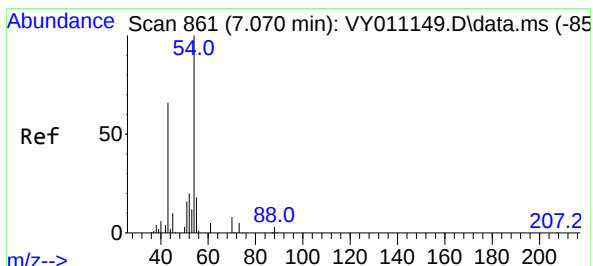
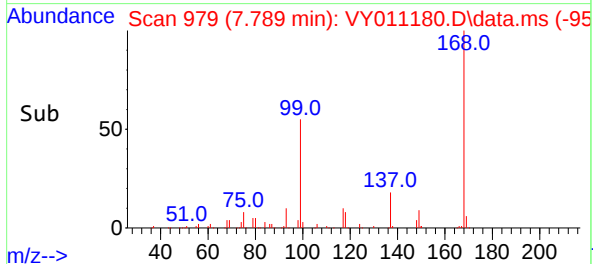
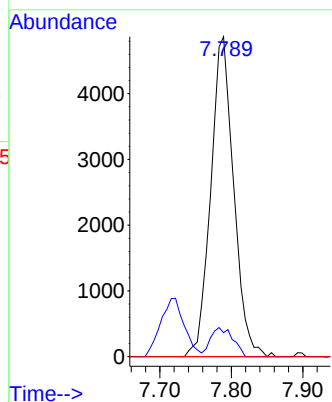
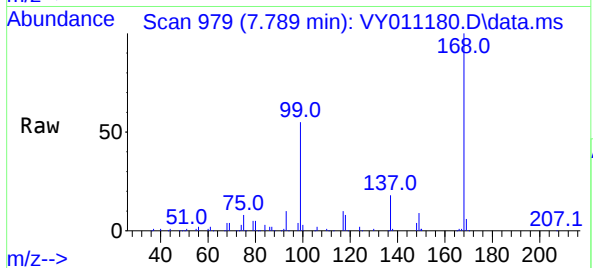




#36
1,1-Dichloropropene
Concen: 5.569 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

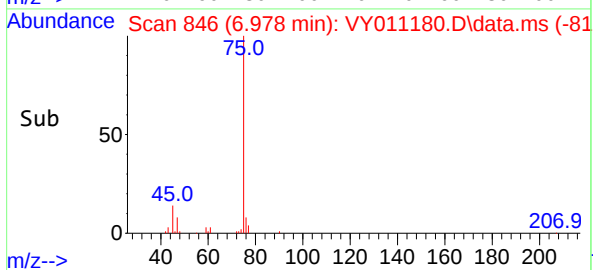
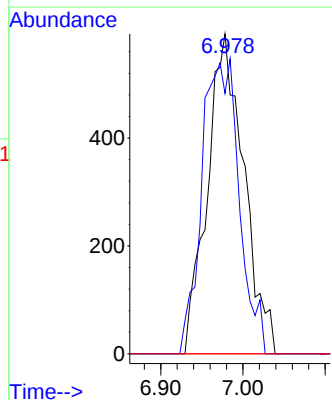
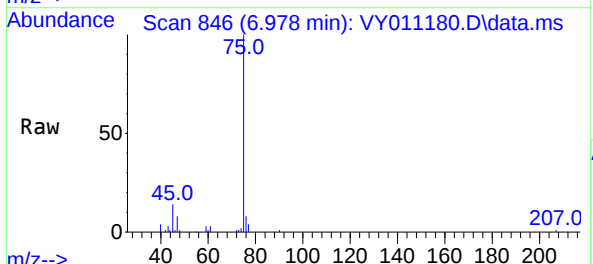
Instrument :
MSVOA_Y
ClientSampleId :
BBS-SOILCUT-1026

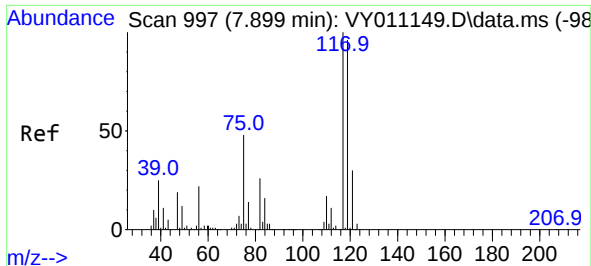
Tgt Ion: 75 Resp: 10851
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.662 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
61 93.7 9.7 14.5#
70 0.0 7.1 10.7#

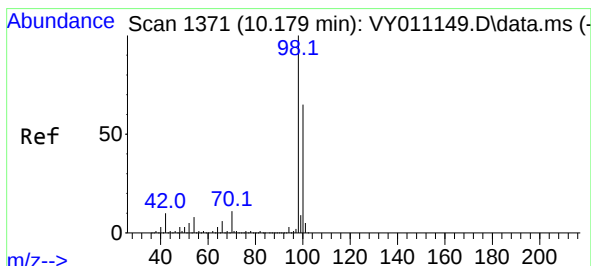
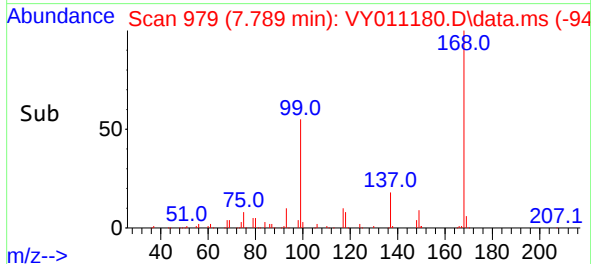
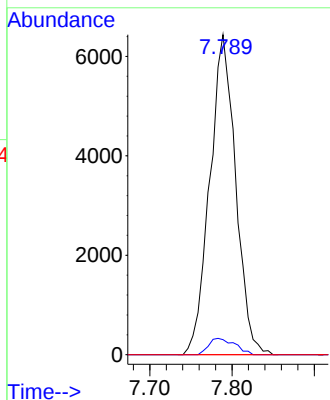
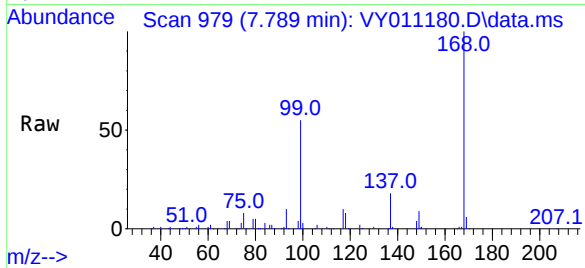




#38
Carbon Tetrachloride
Concen: 6.646 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

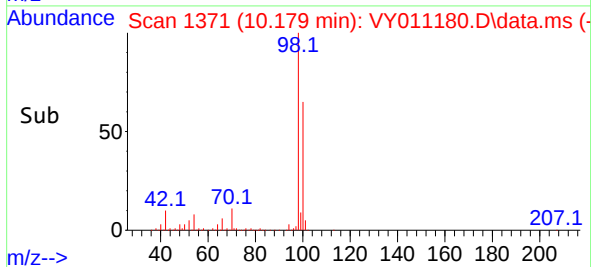
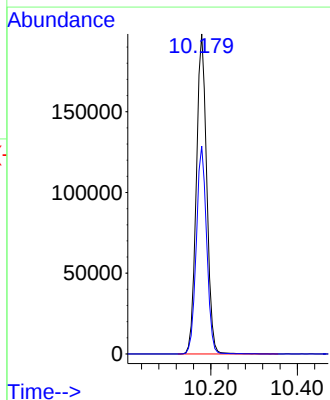
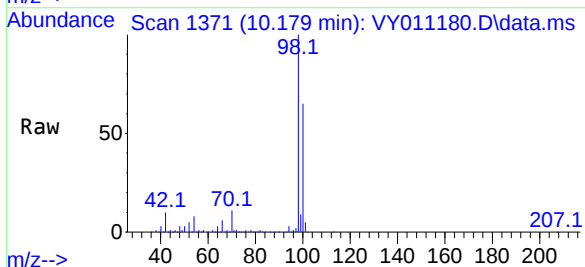
Instrument :
MSVOA_Y
ClientSampleId :
BBS-SOILCUT-1026

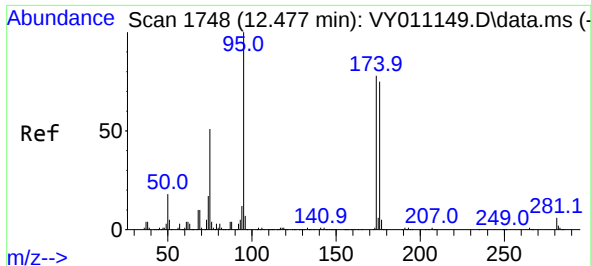
Tgt Ion:117 Resp: 14105
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.561 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

Tgt Ion: 98 Resp: 328998
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

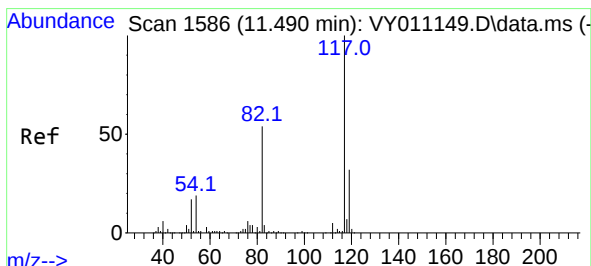
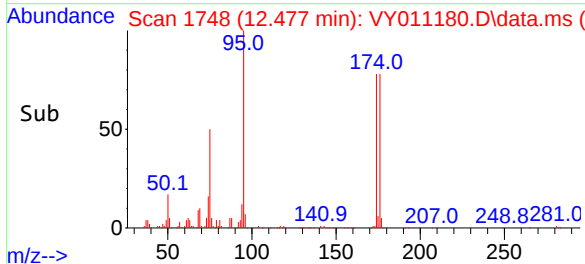
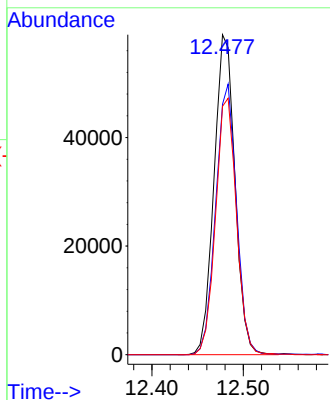
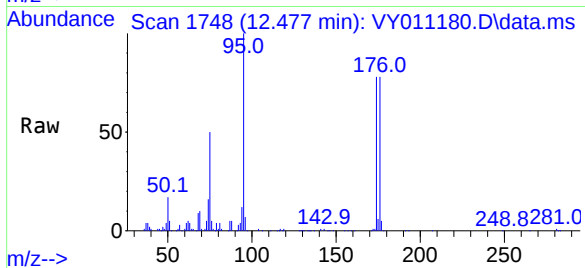




#62
4-Bromofluorobenzene
Concen: 48.461 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

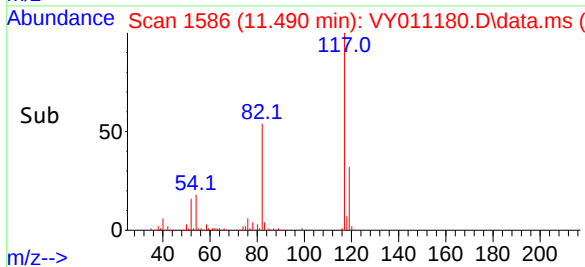
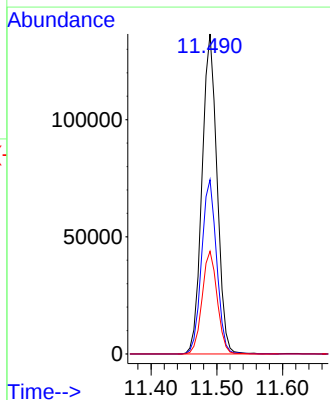
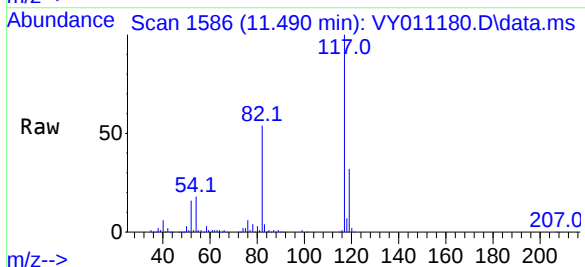
Instrument :
MSVOA_Y
ClientSampleId :
BBS-SOILCUT-1026

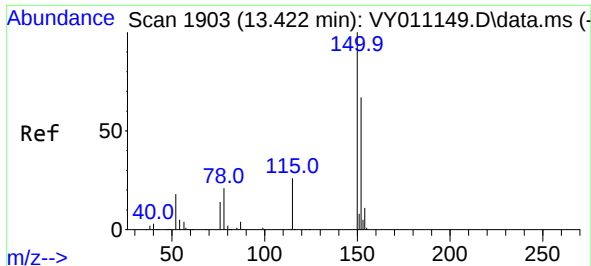
Tgt Ion: 95 Resp: 93893
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 79.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

Tgt Ion: 117 Resp: 217116
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.1 25.4 38.0

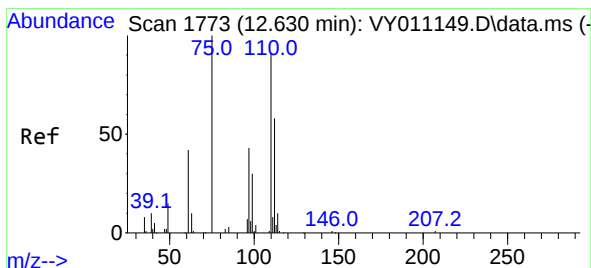
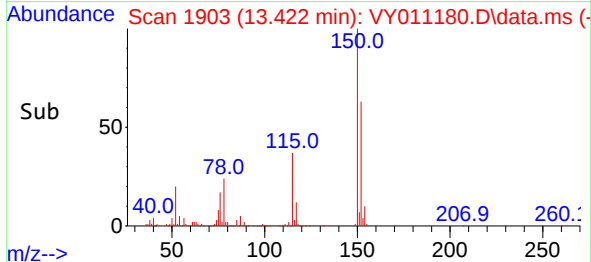
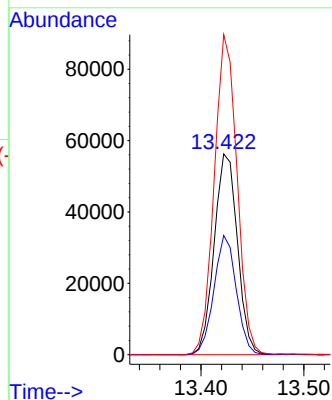
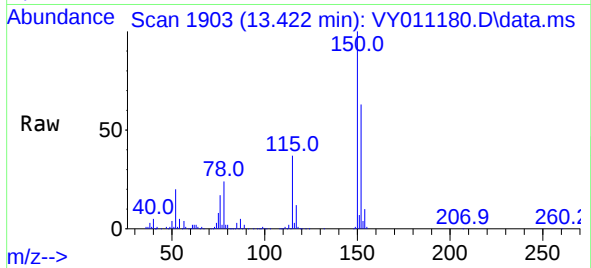




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

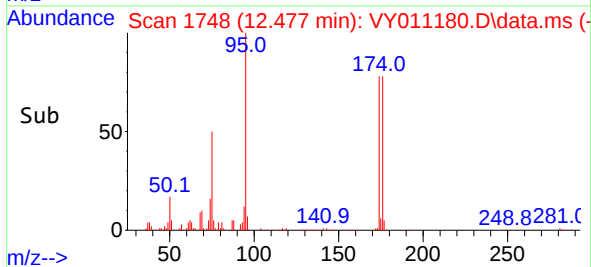
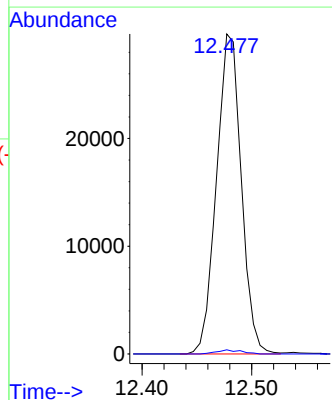
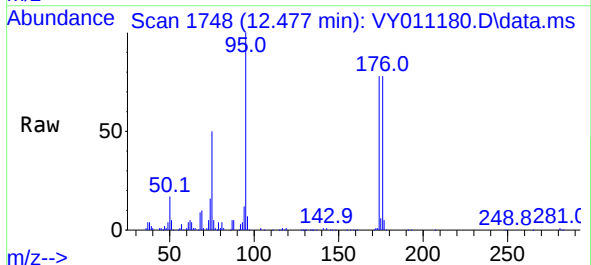
Instrument :
MSVOA_Y
ClientSampleId :
BBS-SOILCUT-1026

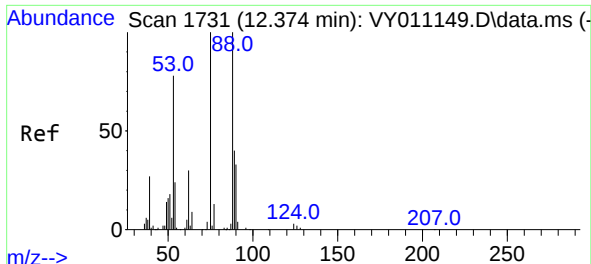
Tgt Ion:152 Resp: 88427
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 156.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 50.715 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

Tgt Ion: 75 Resp: 46625
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

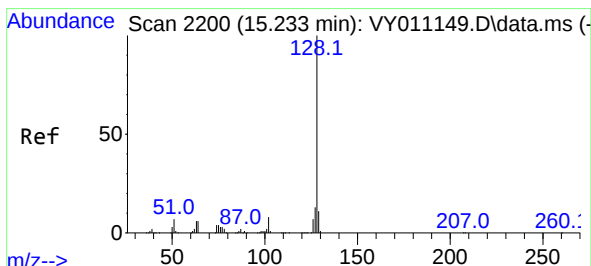
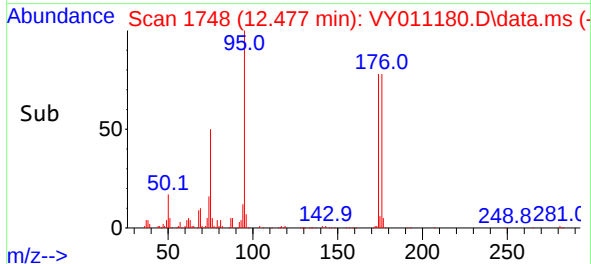
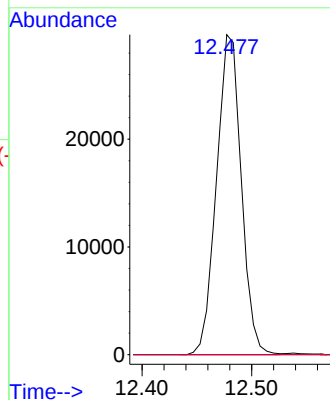
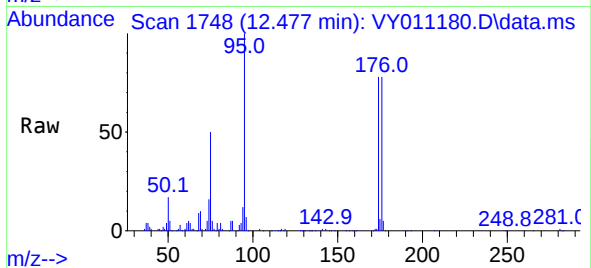




#81
trans-1,4-Dichloro-2-butene
Concen: 107.702 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

Instrument :
MSVOA_Y
ClientSampleId :
BBS-SOILCUT-1026

Tgt Ion: 75 Resp: 46625
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.450 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011180.D
Acq: 29 Oct 2022 01:37

Tgt Ion: 128 Resp: 332
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

