

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011751.D
 Acq On : 09 Dec 2022 18:27
 Operator : KP/MD
 Sample : N5947-01
 Misc : 6.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NYE-SOIL-1208

Quant Time: Dec 10 03:56:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

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

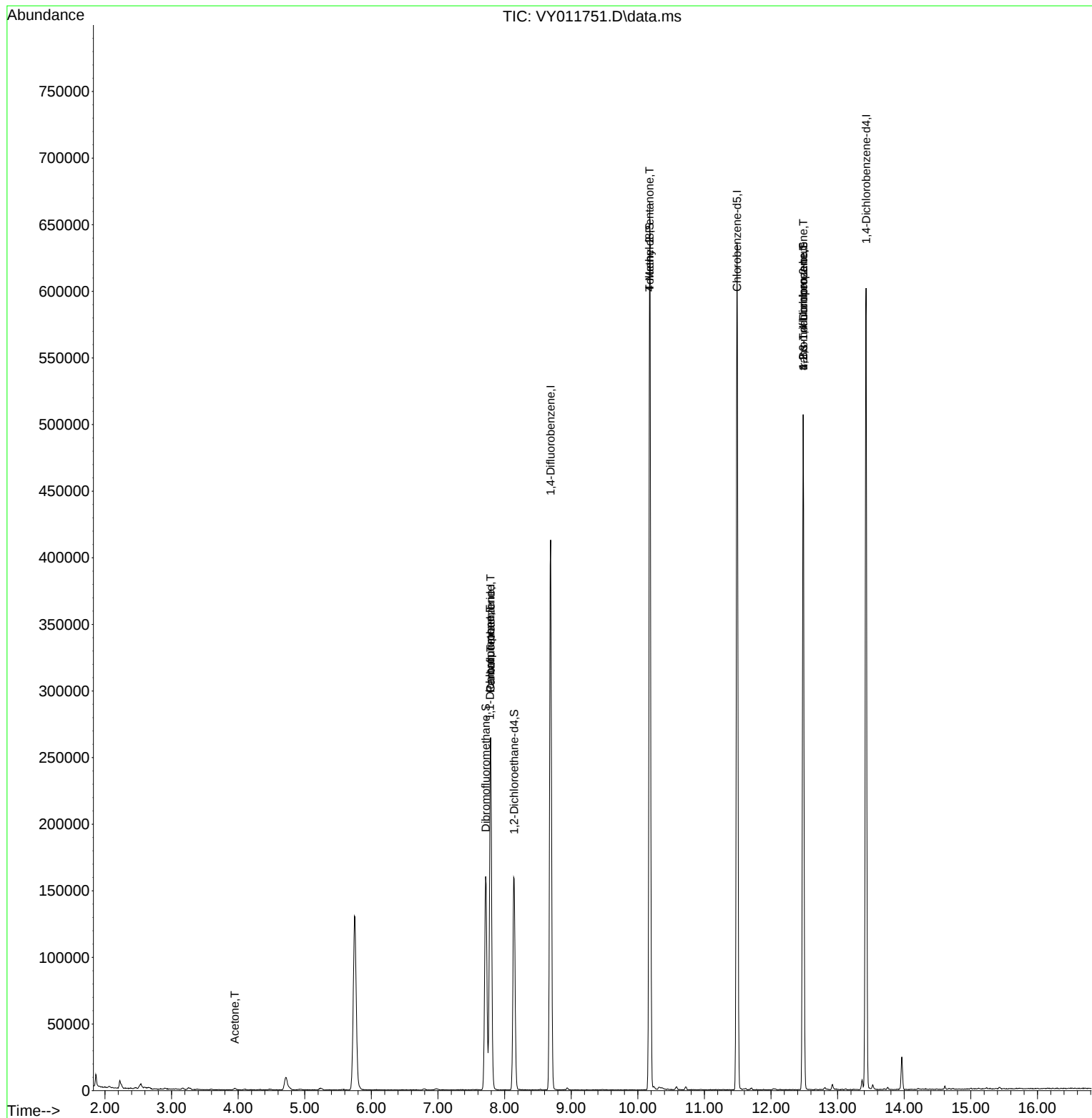
Internal Standards						
1) Pentafluorobenzene	7.789	168	205833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	359054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128111	95.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 191.160%#	
35) Dibromofluoromethane	7.716	113	114751	73.782	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 147.560%#	
50) Toluene-d8	10.179	98	432405	87.677	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 175.360%#	
62) 4-Bromofluorobenzene	12.483	95	145350	71.815	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 143.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	66	Below Cal	#	41
3) Chloromethane	2.107	50	288	Below Cal	#	41
5) Bromomethane	2.650	94	372	Below Cal		86
11) Tert butyl alcohol	4.924	59	372	Below Cal	#	74
16) Acetone	3.948	43	1846	3.284	ug/l	99
18) Methyl Acetate	4.491	43	1123	Below Cal	#	65
20) Methylene Chloride	4.716	84	7088	Below Cal		98
31) Cyclohexane	7.789	56	4296	Below Cal	#	26
36) 1,1-Dichloropropene	7.783	75	15195	5.577	ug/l #	49
38) Carbon Tetrachloride	7.789	117	21068	6.583	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1675	1.052	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	75342	47.523	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75342	107.840	ug/l #	13

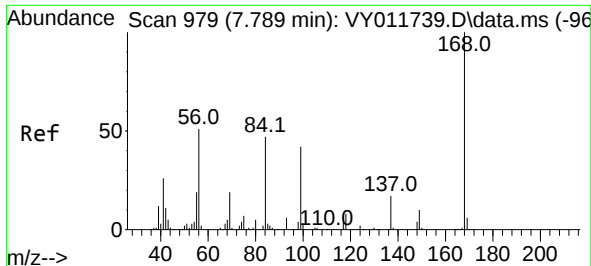
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
Data File : VY011751.D
Acq On : 09 Dec 2022 18:27
Operator : KP/MD
Sample : N5947-01
Misc : 6.22g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-1208

Quant Time: Dec 10 03:56:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 03:30:20 2022
Response via : Initial Calibration

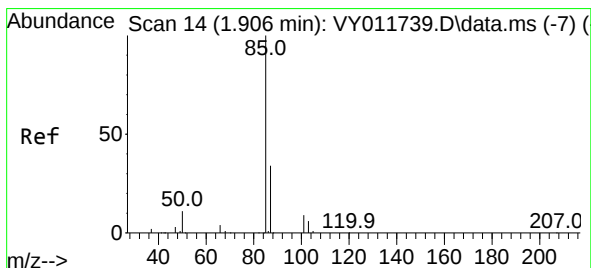
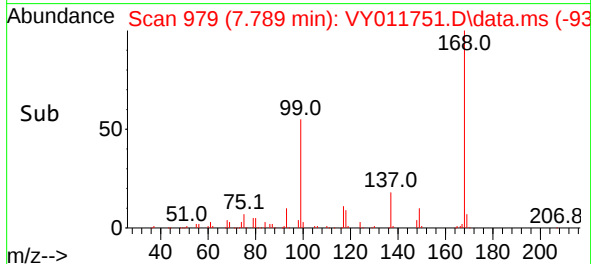
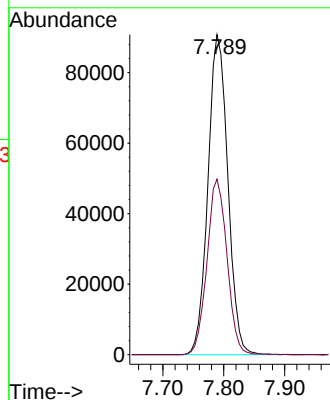
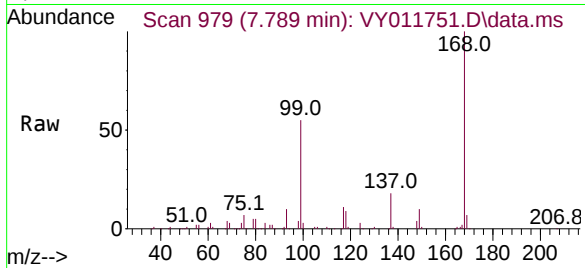




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

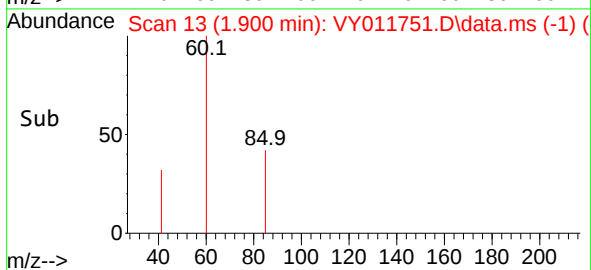
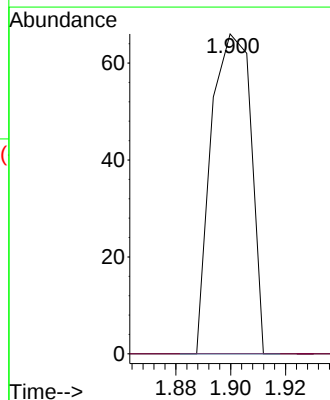
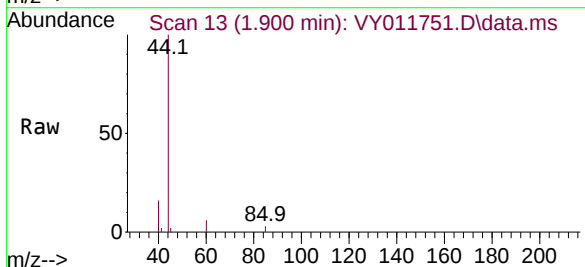
Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-1208

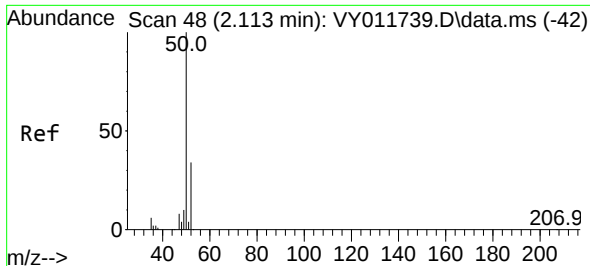
Tgt Ion:168 Resp: 205833
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

Tgt Ion: 85 Resp: 66
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

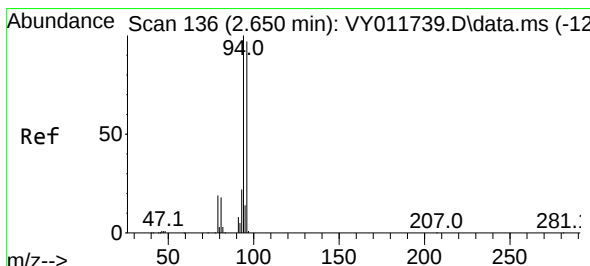
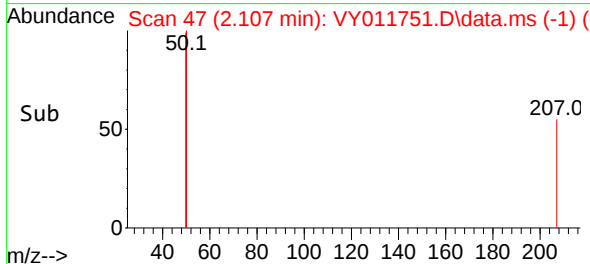
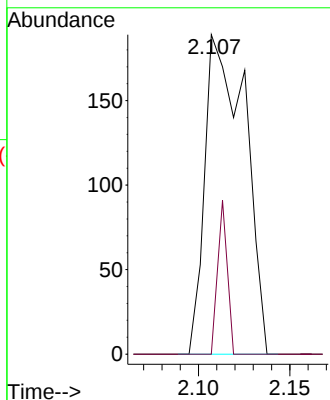
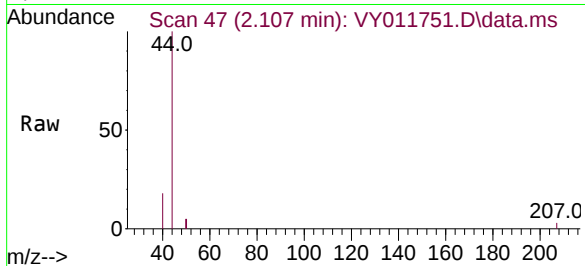




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

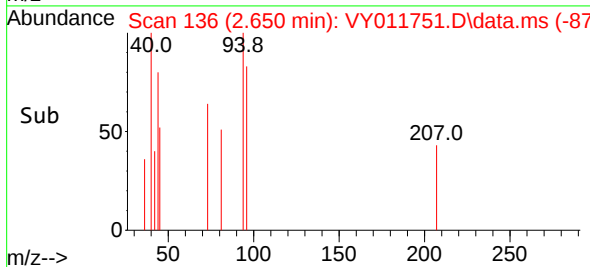
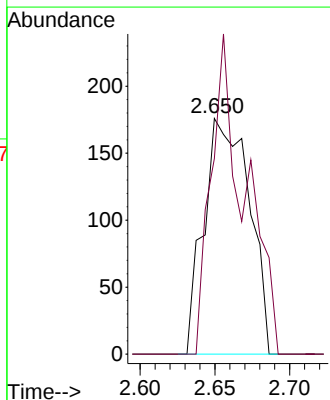
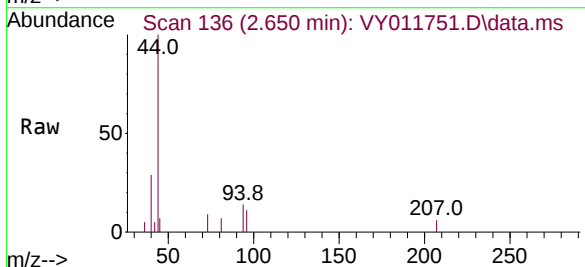
Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-1208

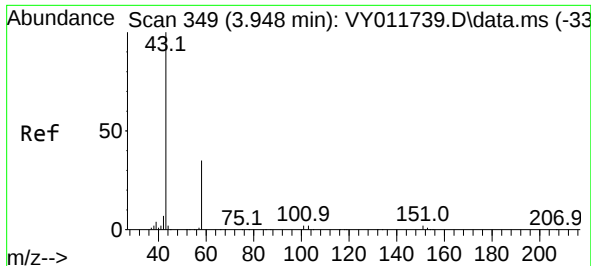
Tgt Ion: 50 Resp: 288
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. -0.000 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

Tgt Ion: 94 Resp: 372
Ion Ratio Lower Upper
94 100
96 83.0 77.4 116.2





#16

Acetone

Concen: 3.284 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY011751.D

Acq: 09 Dec 2022 18:27

Instrument :

MSVOA_Y

ClientSampleId :

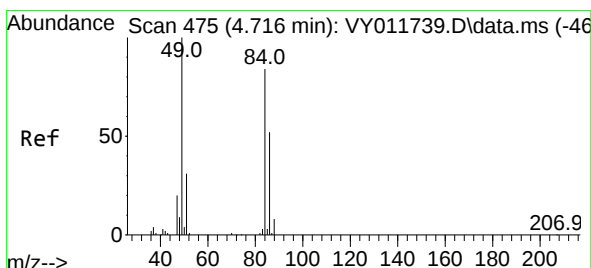
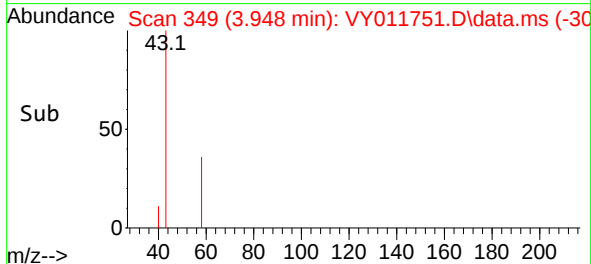
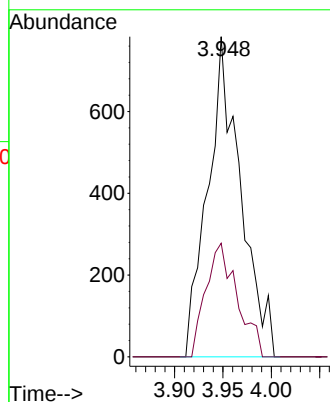
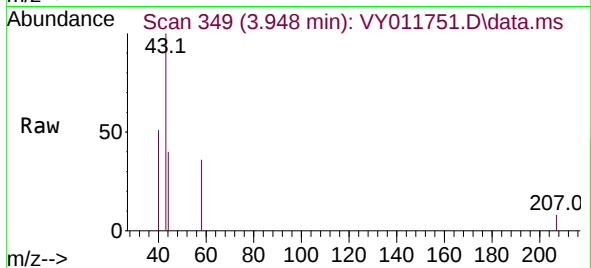
NYE-SOIL-1208

Tgt Ion: 43 Resp: 1846

Ion Ratio Lower Upper

43 100

58 35.5 27.9 41.9



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011751.D

Acq: 09 Dec 2022 18:27

Tgt Ion: 84 Resp: 7088

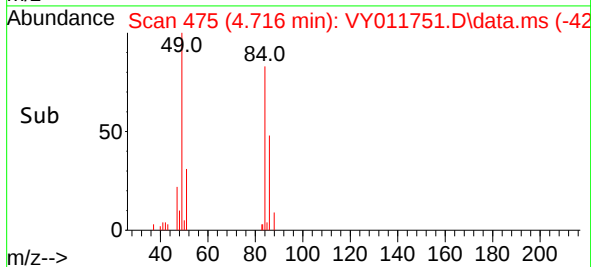
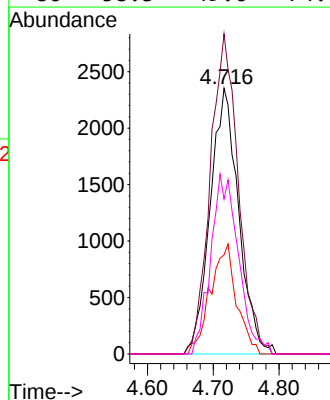
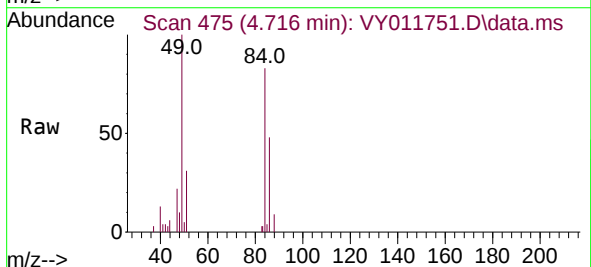
Ion Ratio Lower Upper

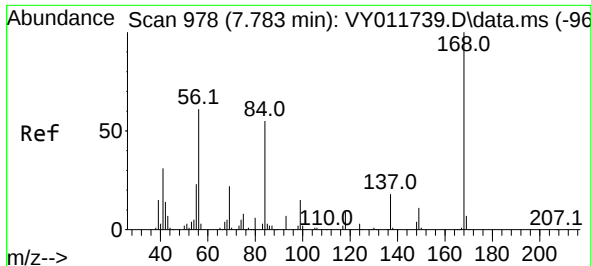
84 100

49 120.5 95.4 143.2

51 37.3 29.9 44.9

86 58.3 49.6 74.4

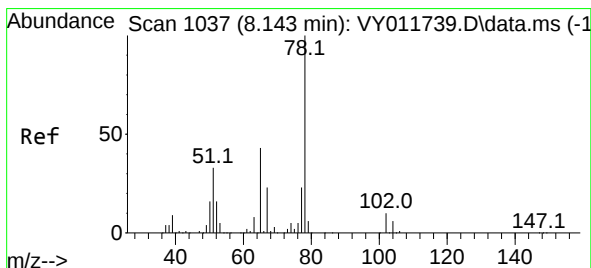
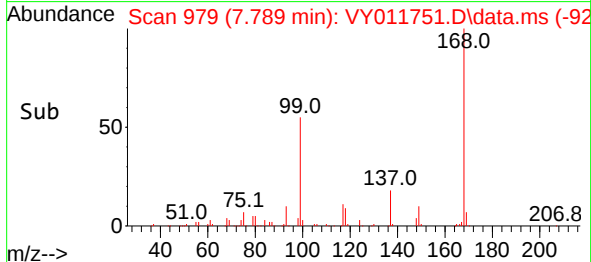
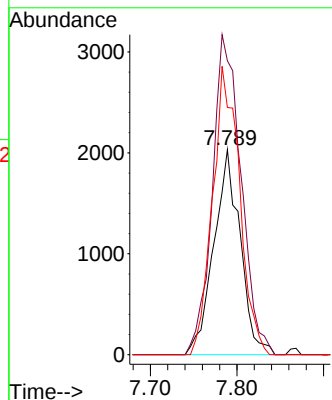
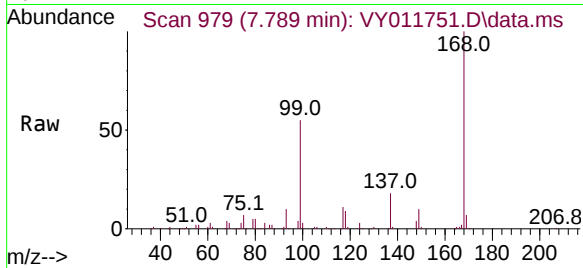




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

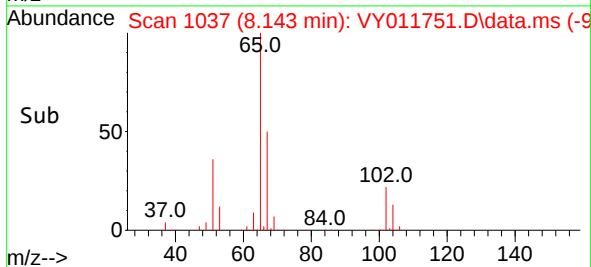
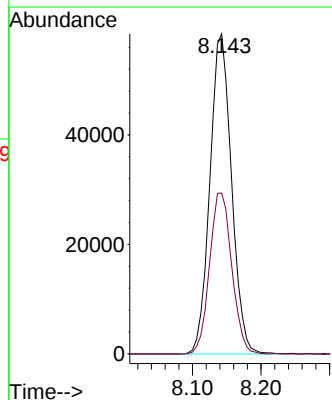
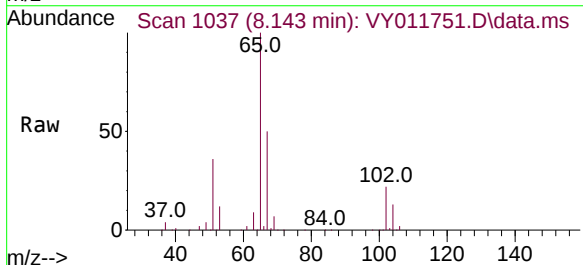
Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-1208

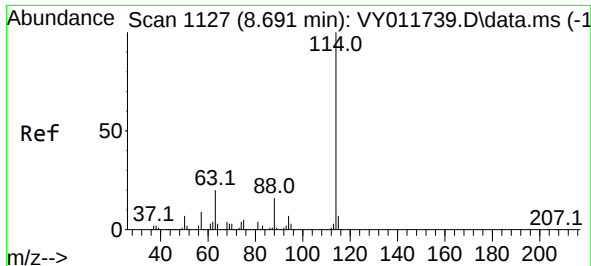
Tgt Ion: 56 Resp: 4296
Ion Ratio Lower Upper
56 100
69 143.2 29.2 43.8#
84 120.5 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 95.579 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

Tgt Ion: 65 Resp: 128111
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011751.D

Acq: 09 Dec 2022 18:27

Instrument :

MSVOA_Y

ClientSampleId :

NYE-SOIL-1208

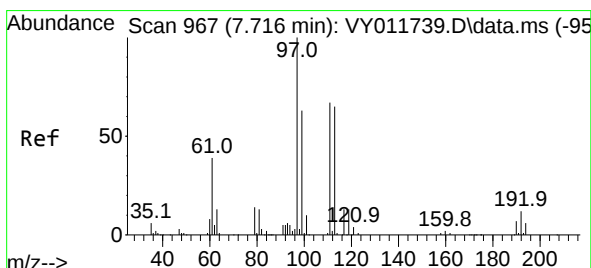
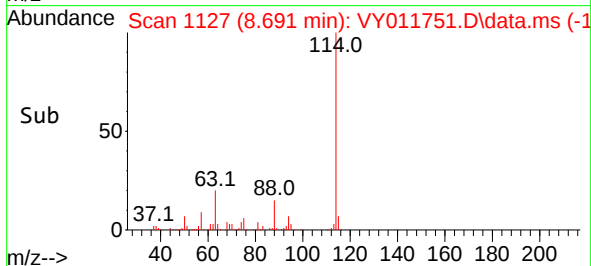
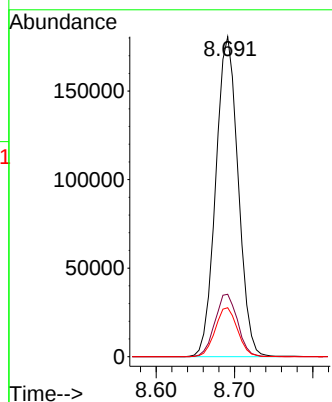
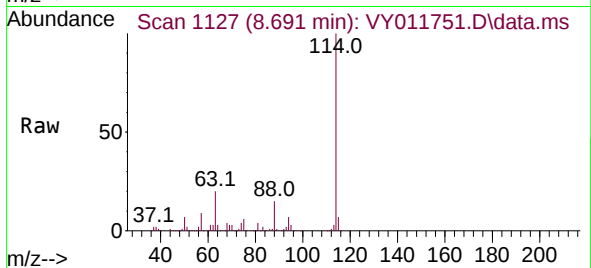
Tgt Ion:114 Resp: 359054

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 73.782 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011751.D

Acq: 09 Dec 2022 18:27

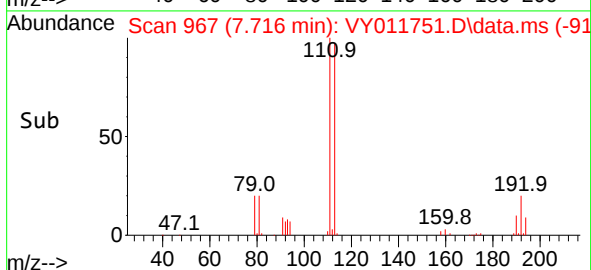
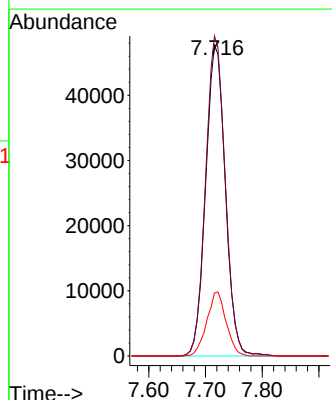
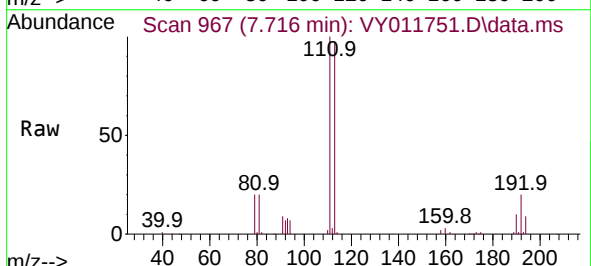
Tgt Ion:113 Resp: 114751

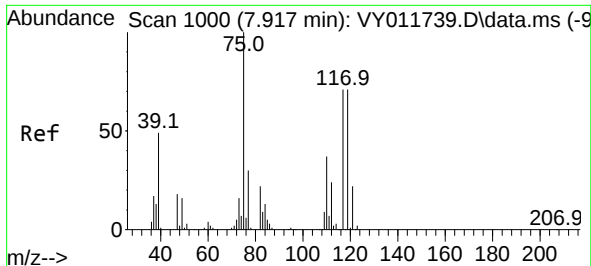
Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

192 20.2 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.577 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011751.D

Acq: 09 Dec 2022 18:27

Instrument :

MSVOA_Y

ClientSampleId :

NYE-SOIL-1208

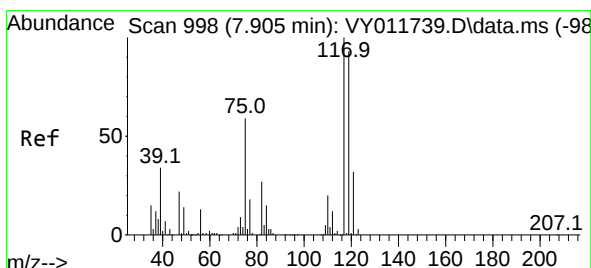
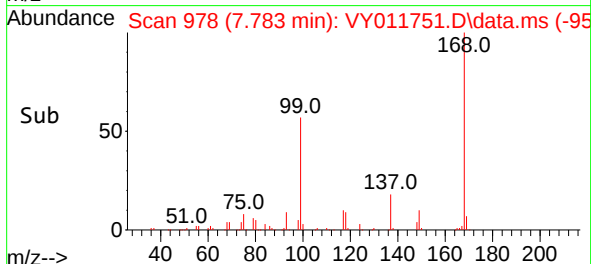
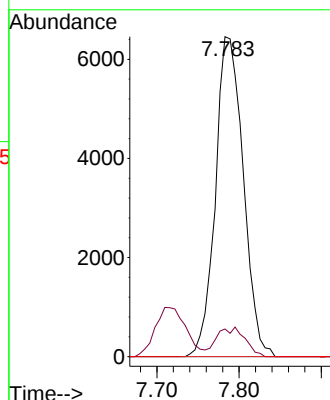
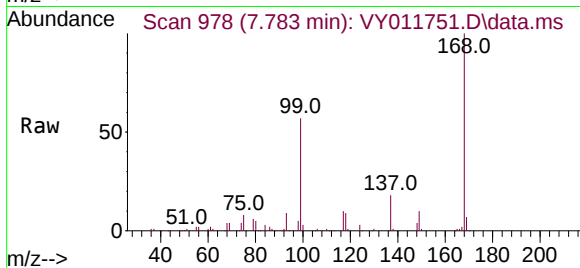
Tgt Ion: 75 Resp: 15195

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.583 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011751.D

Acq: 09 Dec 2022 18:27

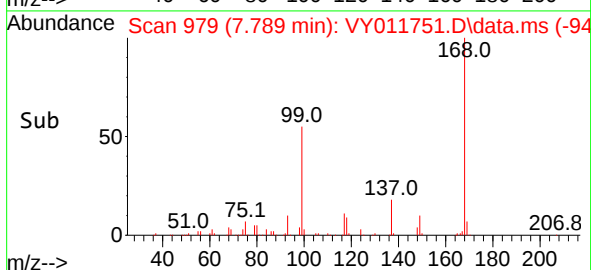
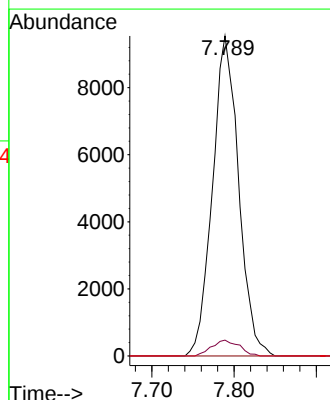
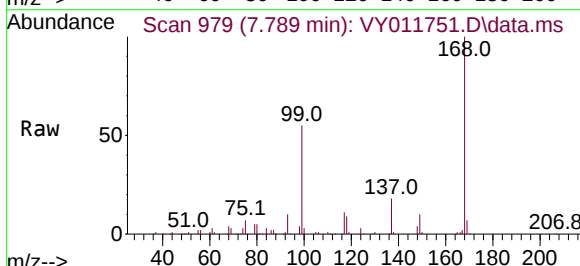
Tgt Ion: 117 Resp: 21068

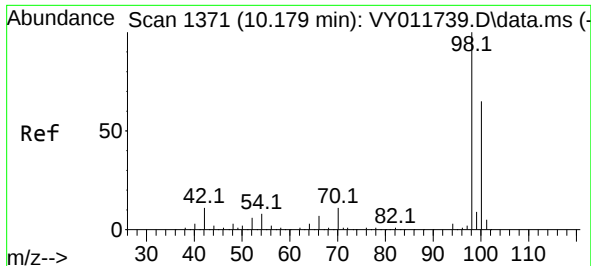
Ion Ratio Lower Upper

117 100

119 4.9 73.8 110.8#

121 0.0 25.2 37.8#

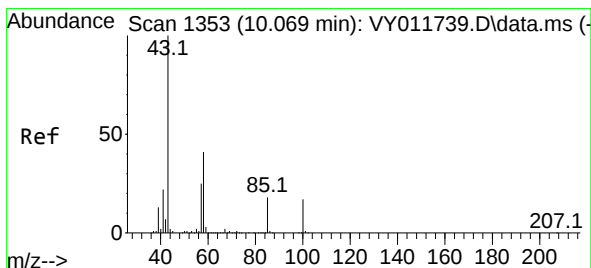
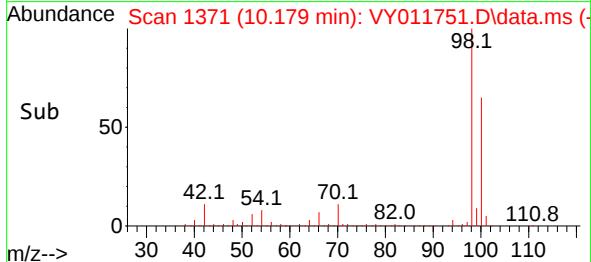
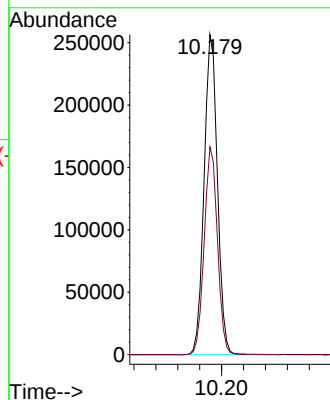
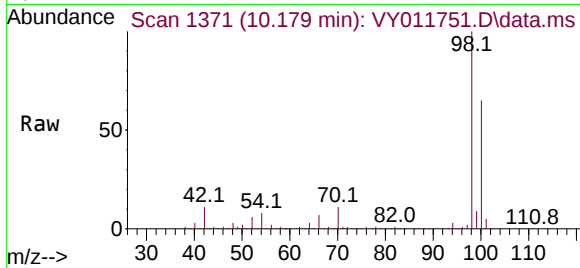




#50
Toluene-d8
Concen: 87.677 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

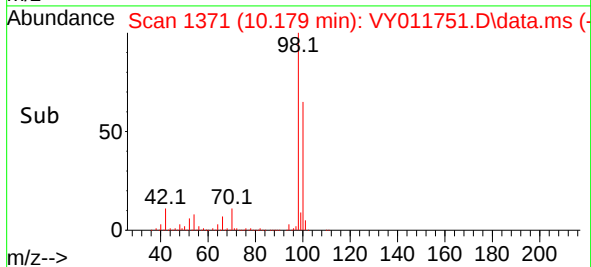
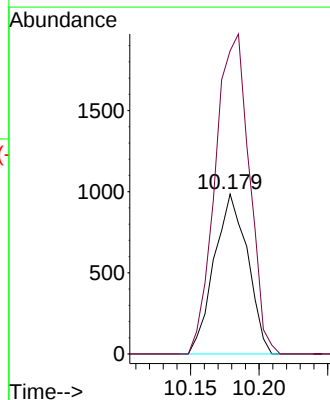
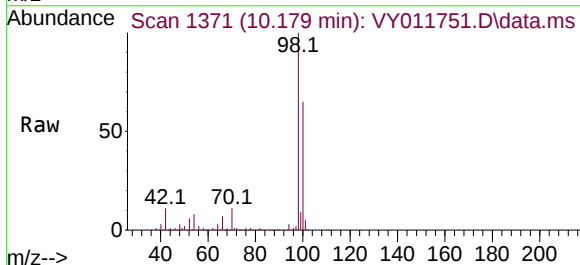
Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-1208

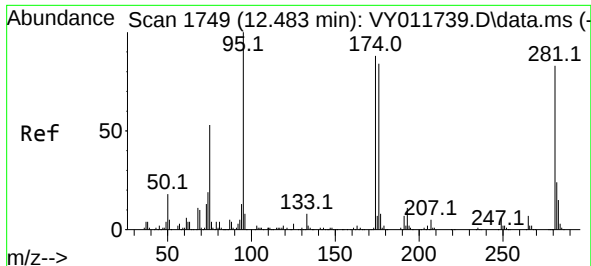
Tgt Ion: 98 Resp: 432405
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.052 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
58 203.4 32.9 49.3#

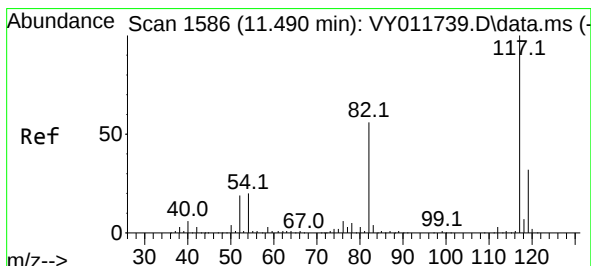
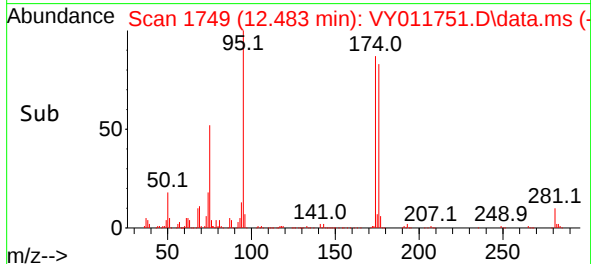
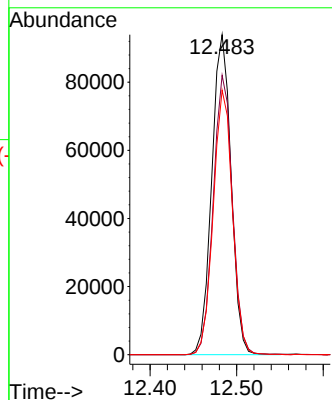
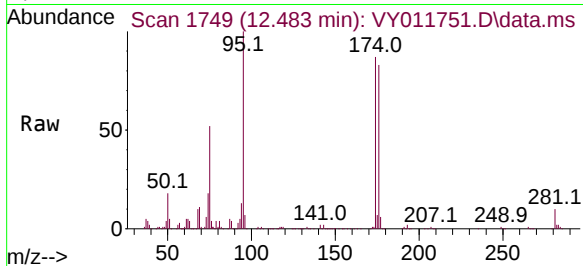




#62
4-Bromofluorobenzene
Concen: 71.815 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

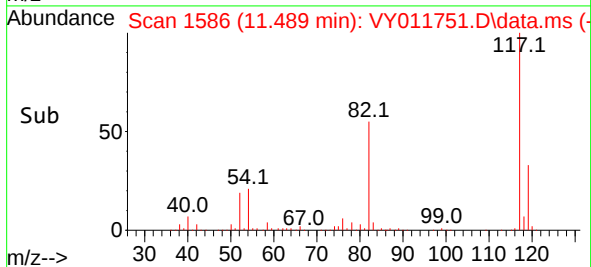
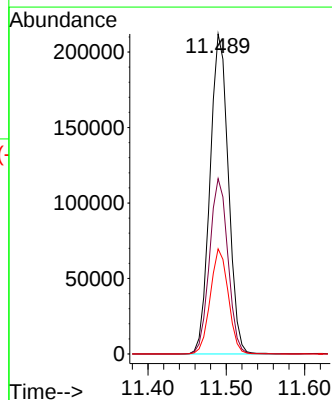
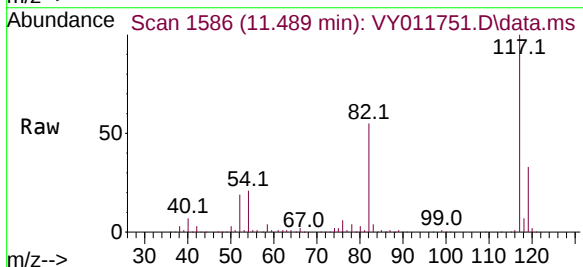
Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-1208

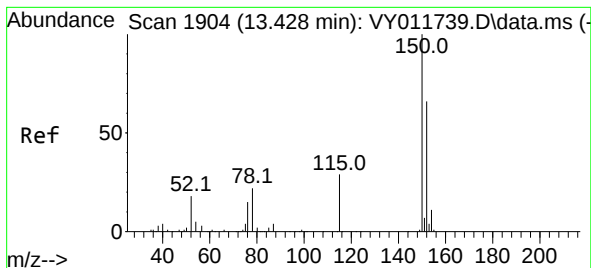
Tgt Ion: 95 Resp: 145350
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.0
176 82.4 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

Tgt Ion: 117 Resp: 344439
Ion Ratio Lower Upper
117 100
82 54.8 44.8 67.2
119 32.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011751.D

Acq: 09 Dec 2022 18:27

Instrument :

MSVOA_Y

ClientSampleId :

NYE-SOIL-1208

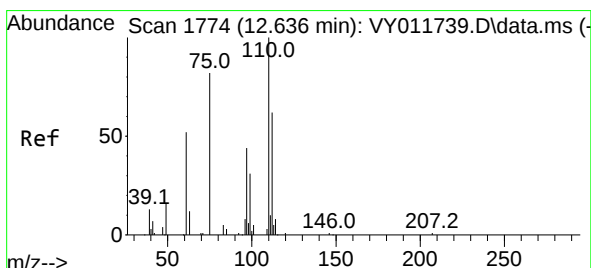
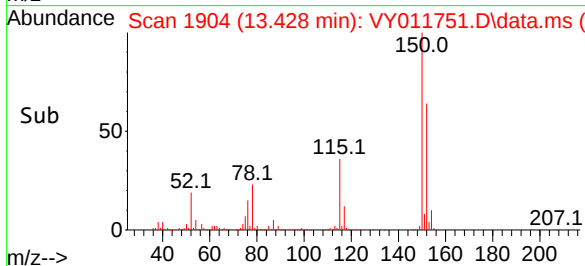
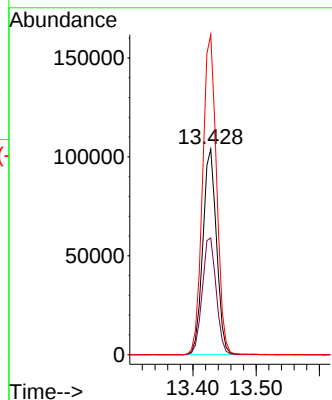
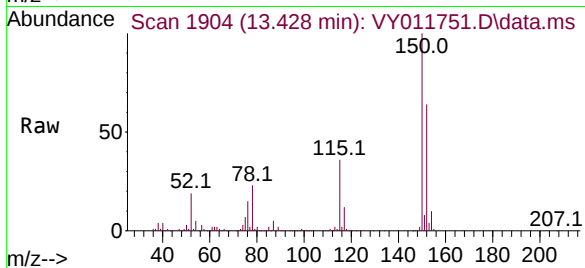
Tgt Ion:152 Resp: 156698

Ion Ratio Lower Upper

152 100

115 58.0 29.1 87.3

150 158.7 0.0 342.6



#76

1,2,3-Trichloropropane

Concen: 47.523 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY011751.D

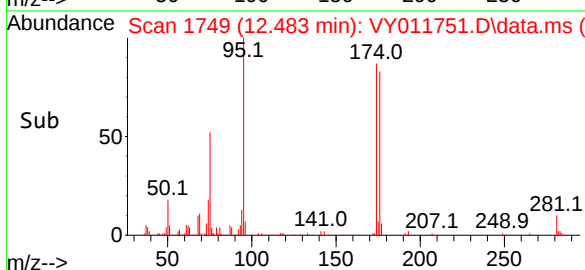
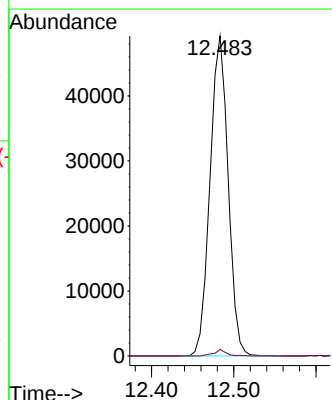
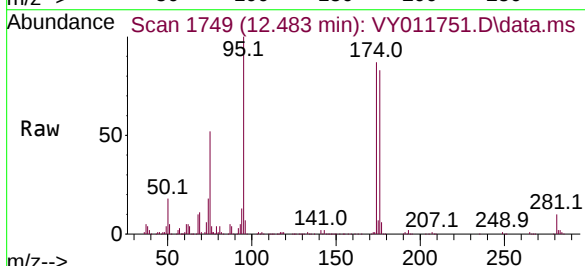
Acq: 09 Dec 2022 18:27

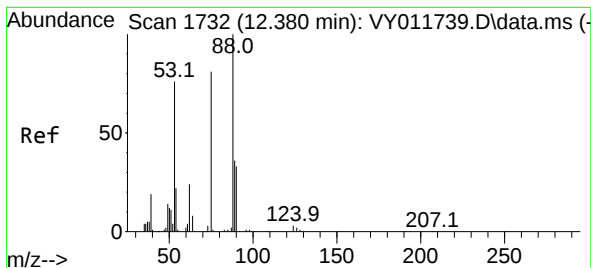
Tgt Ion: 75 Resp: 75342

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.840 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY011751.D
 Acq: 09 Dec 2022 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 NYE-SOIL-1208

Tgt Ion: 75 Resp: 75342
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.1 37.0 55.4#

