

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012924.D
 Acq On : 13 Mar 2023 13:22
 Operator : KP/MD
 Sample : 01877-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-SOIL

Quant Time: Mar 14 01:26:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

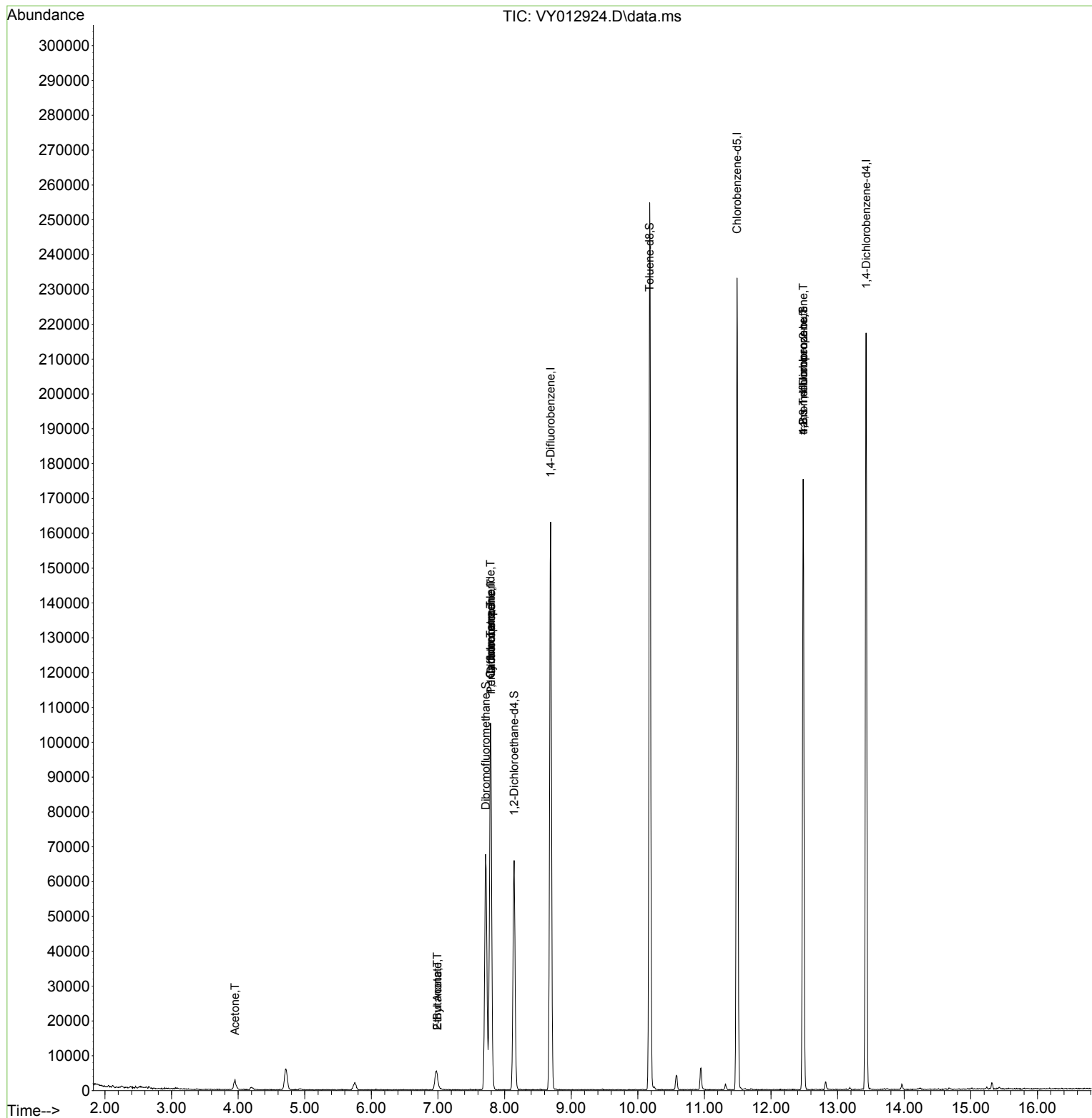
Internal Standards						
1) Pentafluorobenzene	7.795	168	82959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	139108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	126389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50120	60.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.700%
35) Dibromofluoromethane	7.716	113	46680	55.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.200%
50) Toluene-d8	10.179	98	165566	53.946	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.900%
62) 4-Bromofluorobenzene	12.483	95	49455	47.741	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.480%
Target Compounds						
11) Tert butyl alcohol	4.930	59	348	Below Cal	#	74
16) Acetone	3.954	43	4775	14.770	ug/l #	87
20) Methylene Chloride	4.716	84	4358	Below Cal		98
25) 2-Butanone	6.990	43	1311	3.274	ug/l #	86
31) Cyclohexane	7.789	56	1860	1.179	ug/l #	25
36) 1,1-Dichloropropene	7.795	75	6037	4.291	ug/l #	50
37) Ethyl Acetate	6.990	43	1311	1.478	ug/l #	69
38) Carbon Tetrachloride	7.789	117	7993	5.502	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	25549	37.950	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	25549	78.633	ug/l #	13

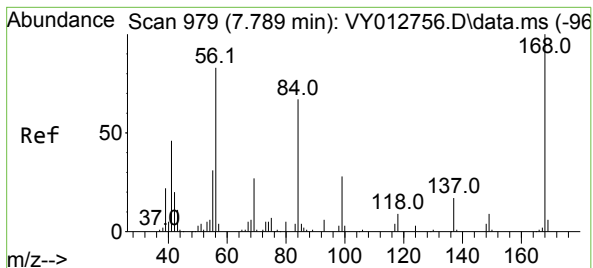
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
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MSVOA_Y
ClientSampleId :
COMP-SOIL

Quant Time: Mar 14 01:26:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY012924.D

Acq: 13 Mar 2023 13:22

Instrument :

MSVOA_Y

ClientSampleId :

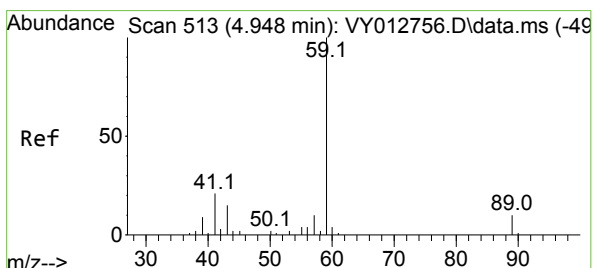
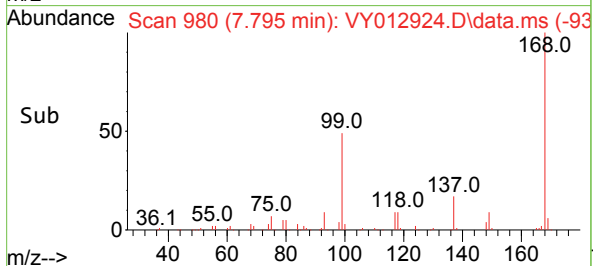
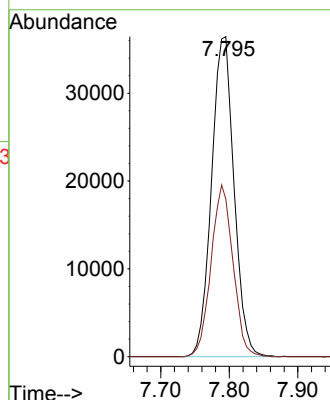
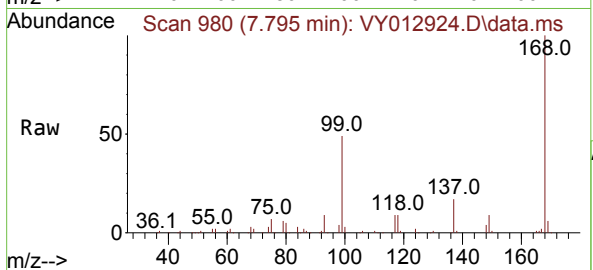
COMP-SOIL

Tgt Ion:168 Resp: 82959

Ion Ratio Lower Upper

168 100

99 49.3 41.7 62.5



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 510

Delta R.T. -0.018 min

Lab File: VY012924.D

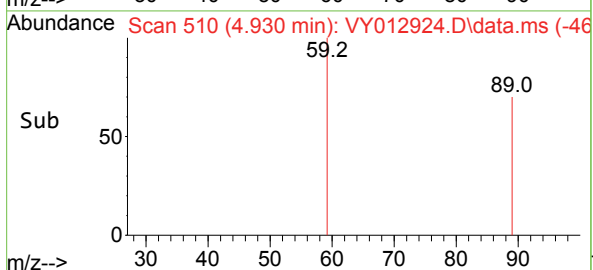
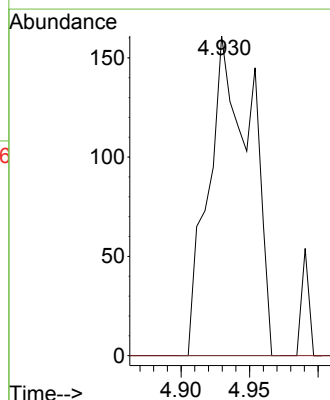
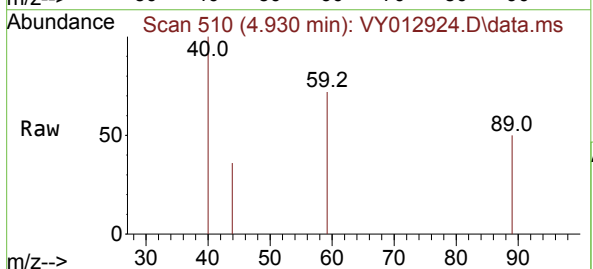
Acq: 13 Mar 2023 13:22

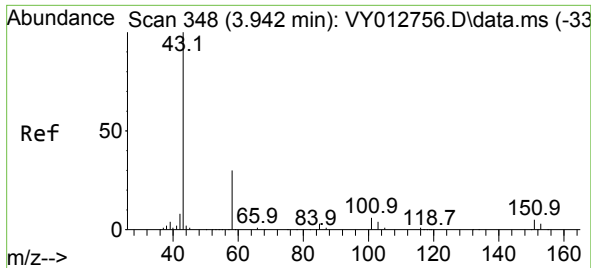
Tgt Ion: 59 Resp: 348

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#





#16

Acetone

Concen: 14.770 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY012924.D

Acq: 13 Mar 2023 13:22

Instrument :

MSVOA_Y

ClientSampleId :

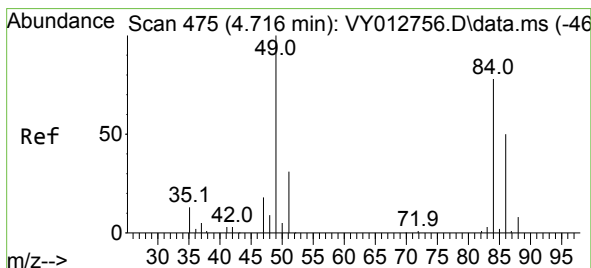
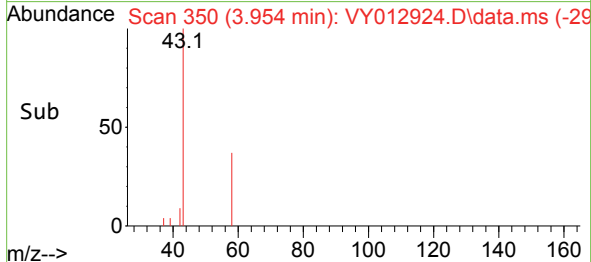
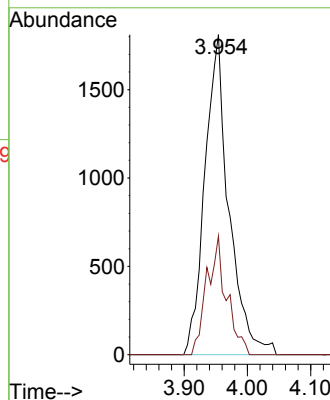
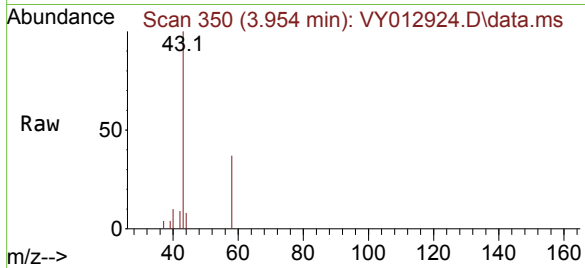
COMP-SOIL

Tgt Ion: 43 Resp: 4775

Ion Ratio Lower Upper

43 100

58 37.1 24.2 36.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012924.D

Acq: 13 Mar 2023 13:22

Tgt Ion: 84 Resp: 4358

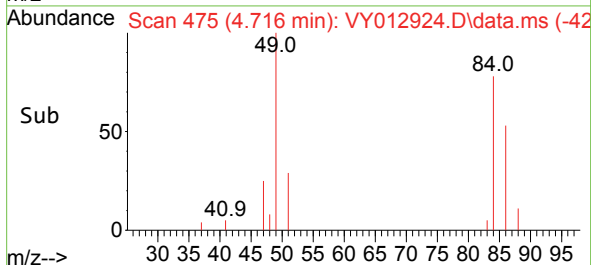
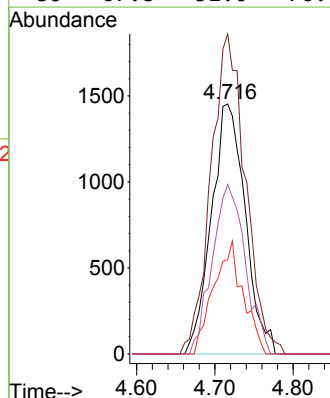
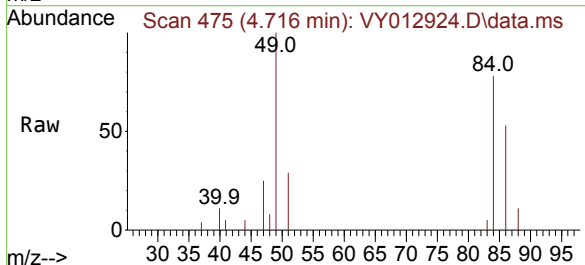
Ion Ratio Lower Upper

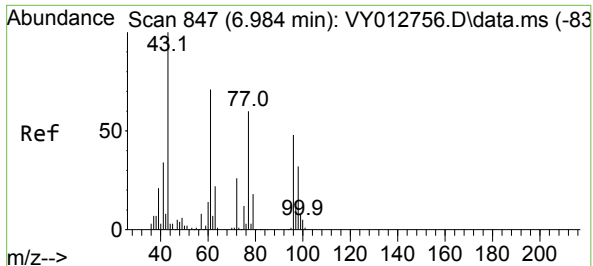
84 100

49 128.0 102.6 154.0

51 37.7 31.9 47.9

86 67.8 51.0 76.6





#25

2-Butanone

Concen: 3.274 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012924.D

Acq: 13 Mar 2023 13:22

Instrument :

MSVOA_Y

ClientSampleId :

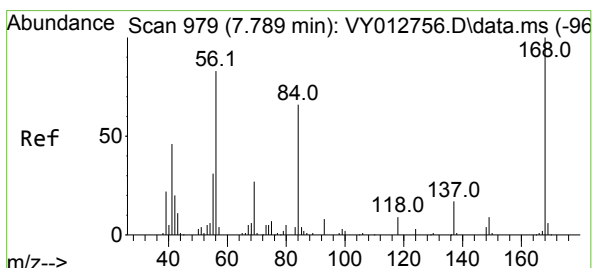
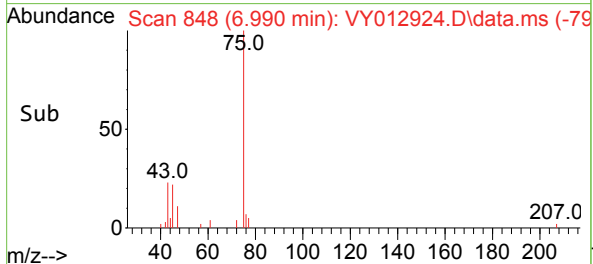
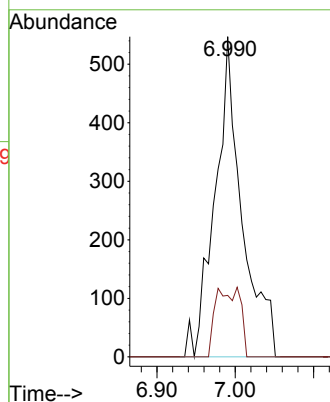
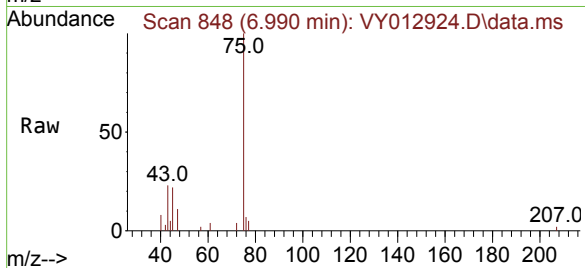
COMP-SOIL

Tgt Ion: 43 Resp: 1311

Ion Ratio Lower Upper

43 100

72 19.2 21.0 31.4#



#31

Cyclohexane

Concen: 1.179 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY012924.D

Acq: 13 Mar 2023 13:22

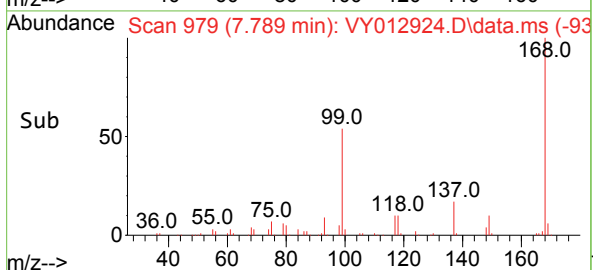
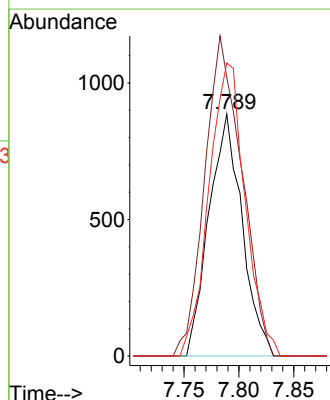
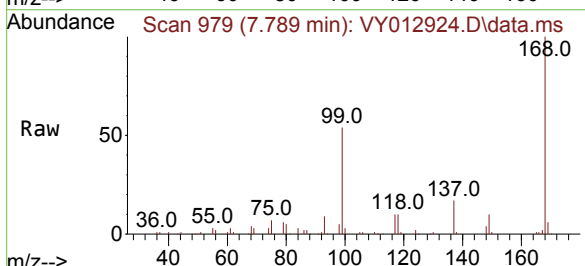
Tgt Ion: 56 Resp: 1860

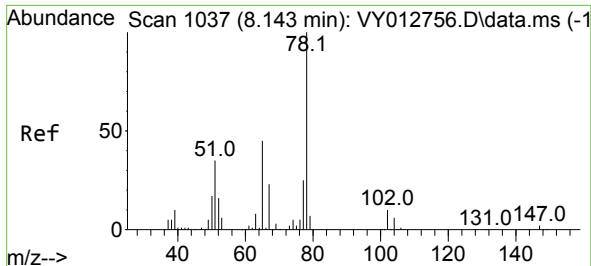
Ion Ratio Lower Upper

56 100

69 115.2 25.7 38.5#

84 121.1 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 60.849 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY012924.D

Acq: 13 Mar 2023 13:22

Instrument :

MSVOA_Y

ClientSampleId :

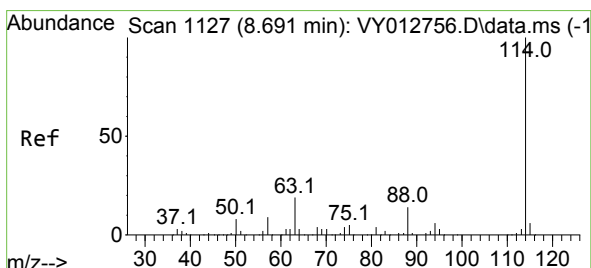
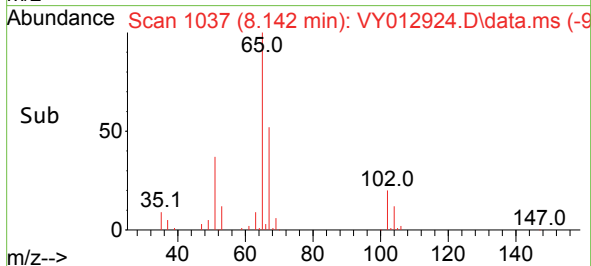
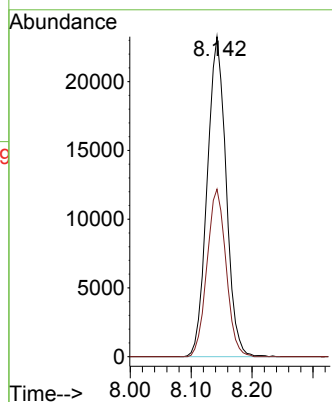
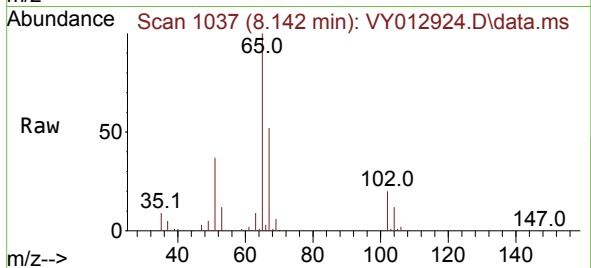
COMP-SOIL

Tgt Ion: 65 Resp: 50120

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012924.D

Acq: 13 Mar 2023 13:22

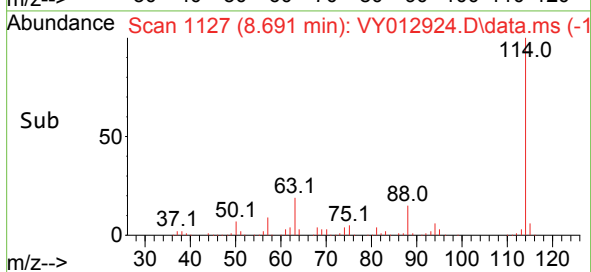
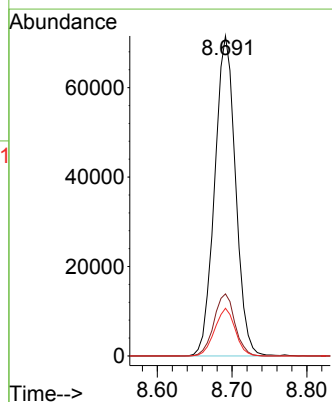
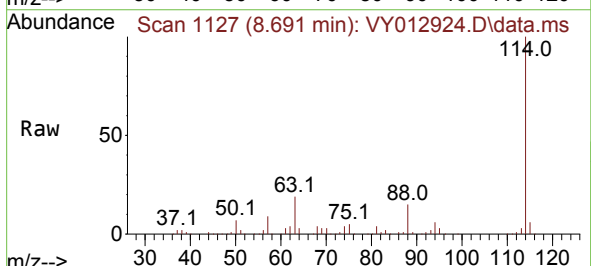
Tgt Ion: 114 Resp: 139108

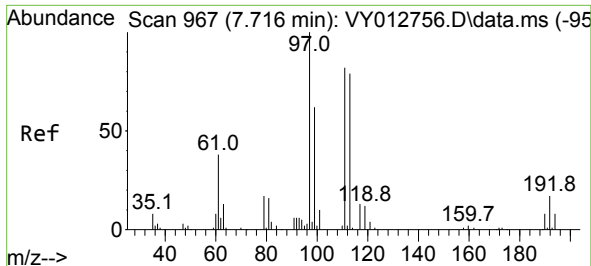
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.9 0.0 28.6

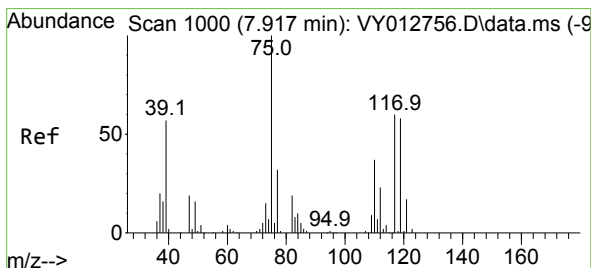
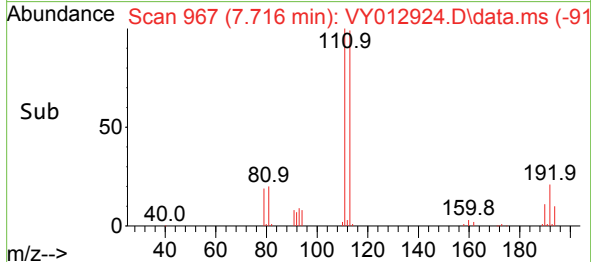
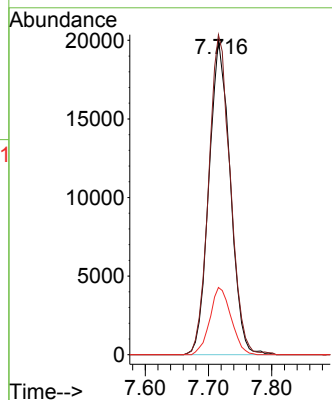
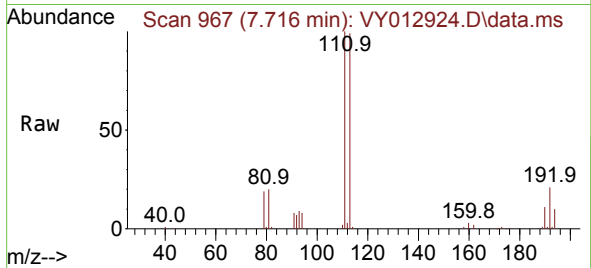




#35
Dibromofluoromethane
Concen: 55.604 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012924.D
Acq: 13 Mar 2023 13:22

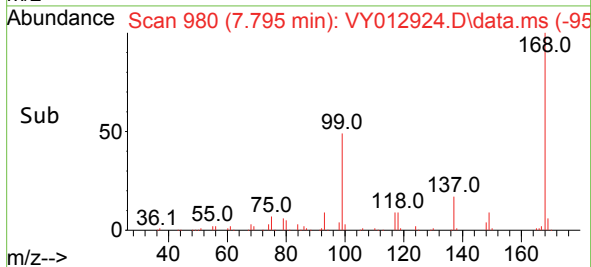
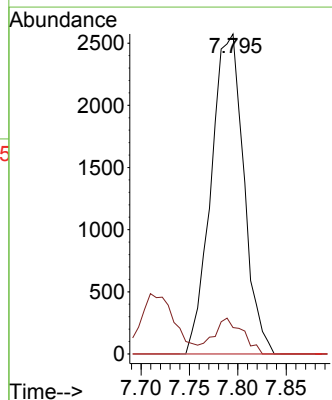
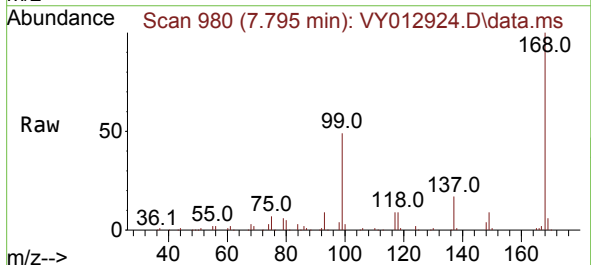
Instrument :
MSVOA_Y
ClientSampleId :
COMP-SOIL

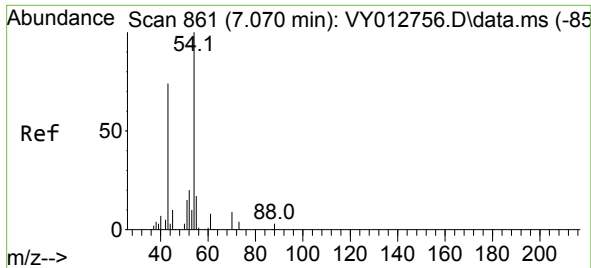
Tgt Ion:113 Resp: 46680
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 21.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.291 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY012924.D
Acq: 13 Mar 2023 13:22

Tgt Ion: 75 Resp: 6037
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.3#
77 0.0 25.0 37.4#

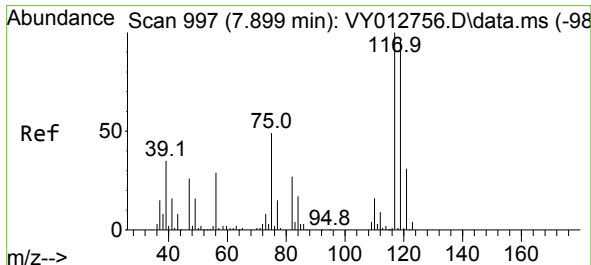
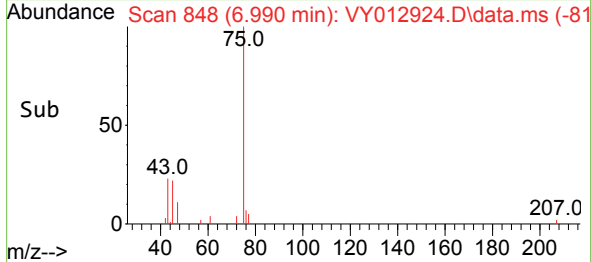
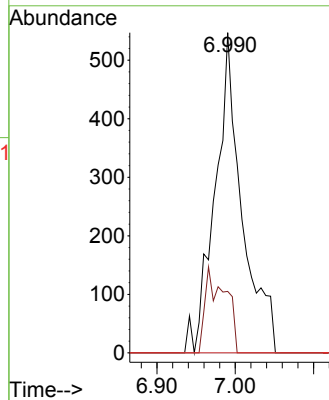
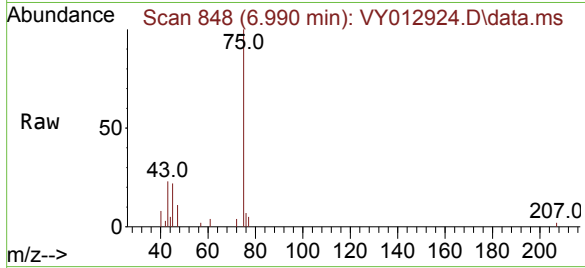




#37
Ethyl Acetate
Concen: 1.478 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.079 min
Lab File: VY012924.D
Acq: 13 Mar 2023 13:22

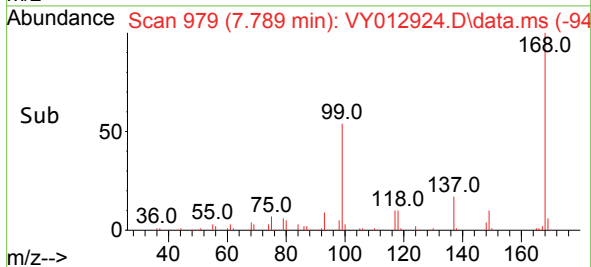
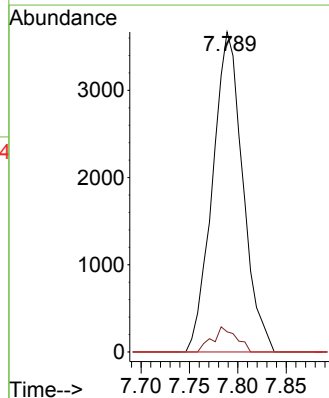
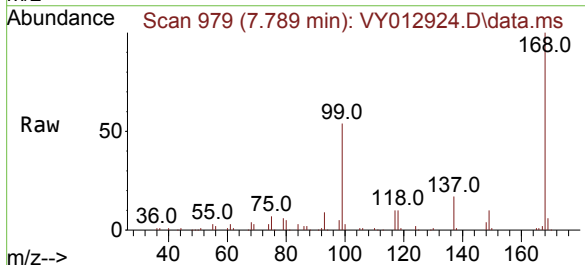
Instrument :
MSVOA_Y
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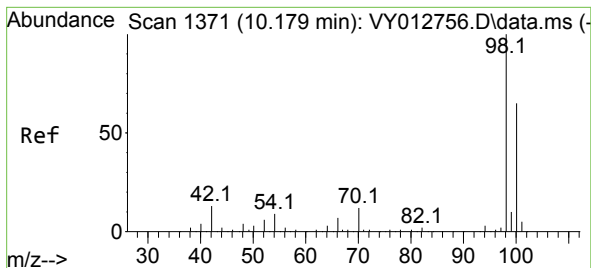
Tgt Ion: 43 Resp: 1311
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 5.502 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012924.D
Acq: 13 Mar 2023 13:22

Tgt Ion: 117 Resp: 7993
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 53.946 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012924.D

Acq: 13 Mar 2023 13:22

Instrument :

MSVOA_Y

ClientSampleId :

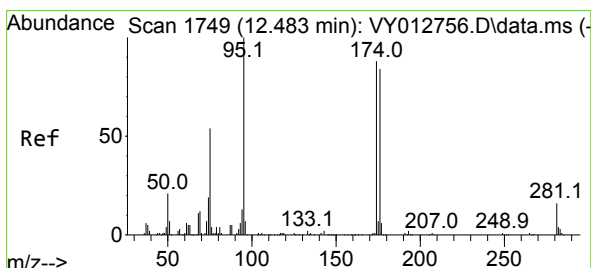
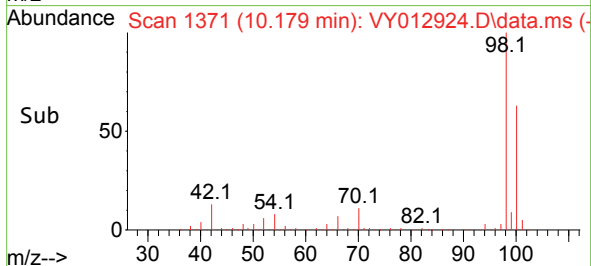
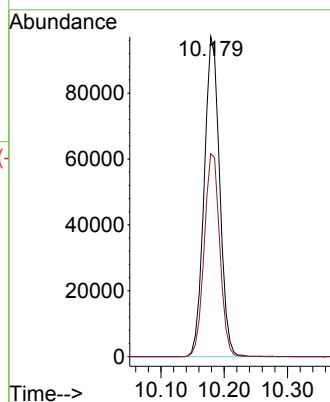
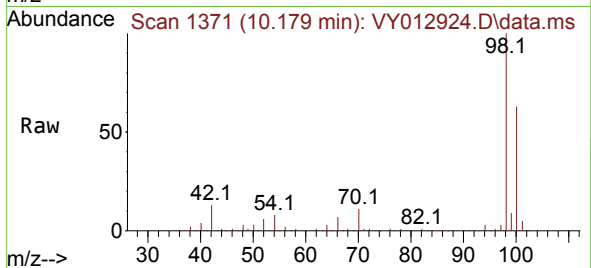
COMP-SOIL

Tgt Ion: 98 Resp: 165566

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 47.741 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012924.D

Acq: 13 Mar 2023 13:22

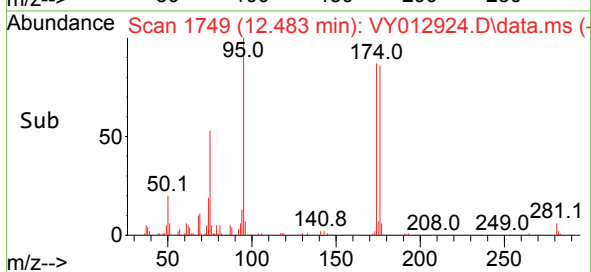
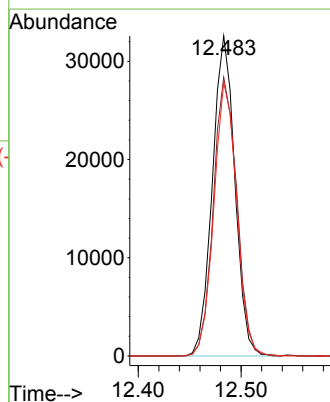
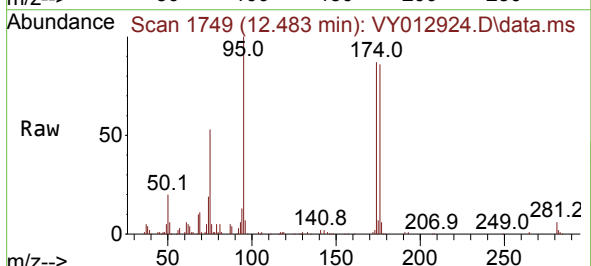
Tgt Ion: 95 Resp: 49455

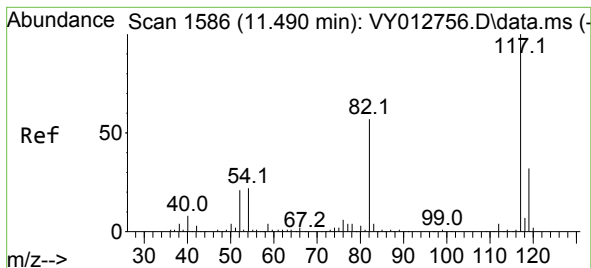
Ion Ratio Lower Upper

95 100

174 90.2 0.0 176.6

176 86.7 0.0 170.2

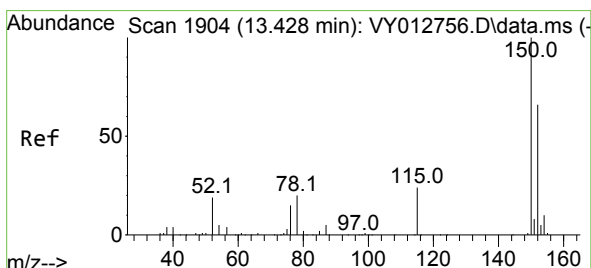
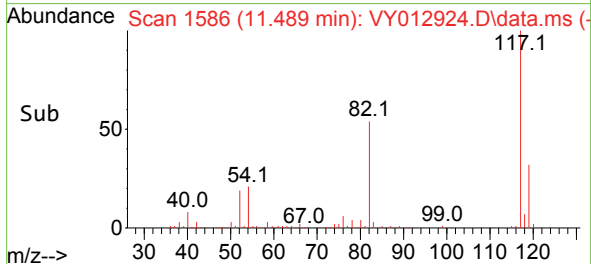
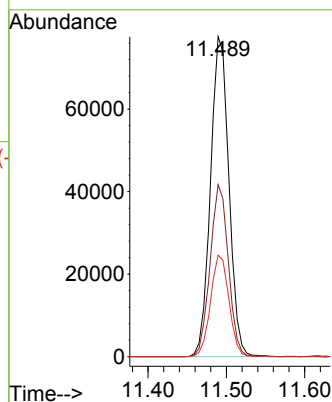
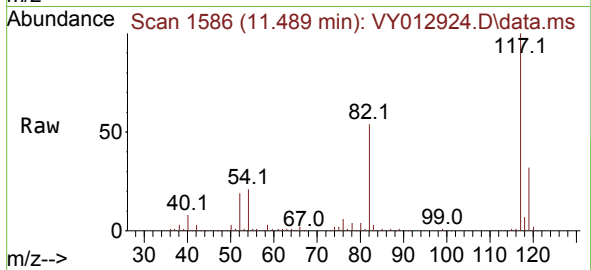




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012924.D
Acq: 13 Mar 2023 13:22

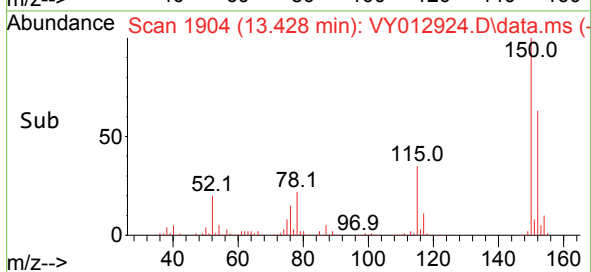
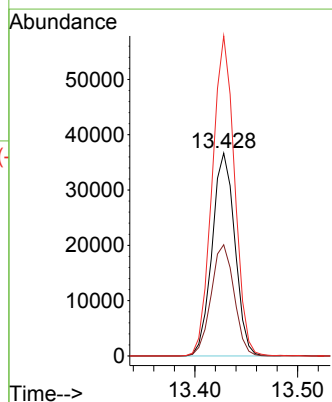
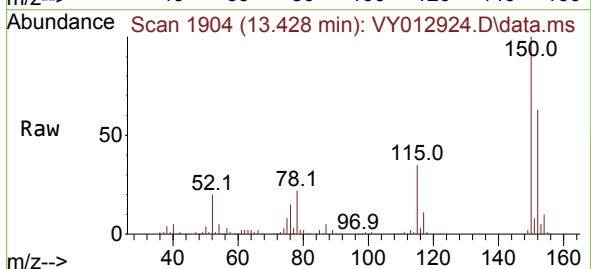
Instrument :
MSVOA_Y
ClientSampleId :
COMP-SOIL

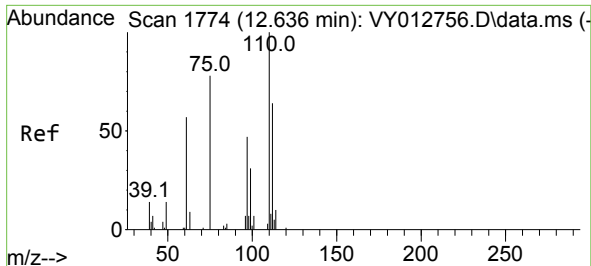
Tgt Ion:117 Resp: 126389
Ion Ratio Lower Upper
117 100
82 53.7 45.4 68.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012924.D
Acq: 13 Mar 2023 13:22

Tgt Ion:152 Resp: 56377
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 155.1 0.0 347.8

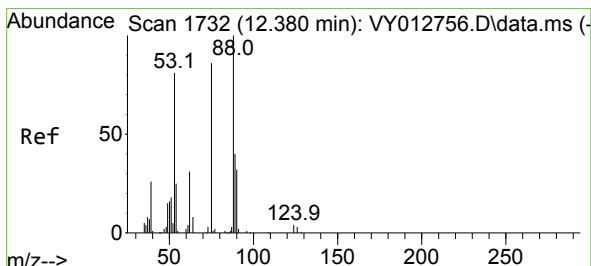
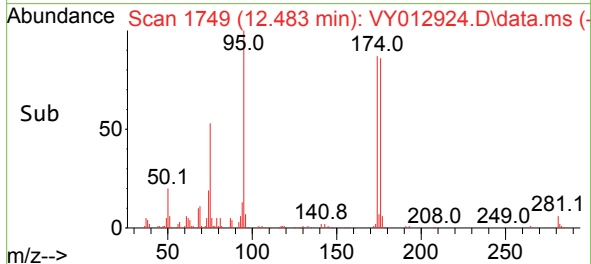
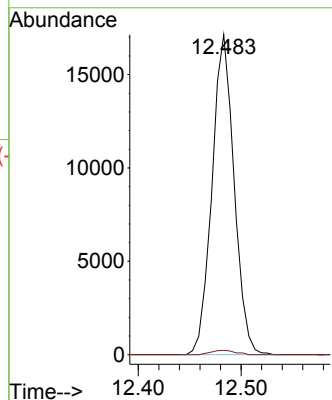
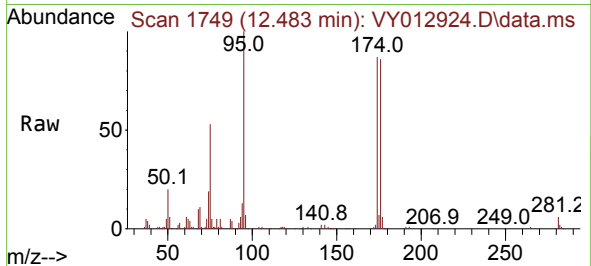




#76
1,2,3-Trichloropropane
Concen: 37.950 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012924.D
Acq: 13 Mar 2023 13:22

Instrument :
MSVOA_Y
ClientSampleId :
COMP-SOIL

Tgt Ion: 75 Resp: 25549
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.633 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012924.D
Acq: 13 Mar 2023 13:22

Tgt Ion: 75 Resp: 25549
Ion Ratio Lower Upper
75 100
53 0.1 73.4 110.0#
89 0.1 36.6 55.0#

