

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017770.D
 Acq On : 26 Mar 2024 15:23
 Operator : SY/MD
 Sample : P1869-10
 Misc : 4.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-4

Quant Time: Mar 27 01:31:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

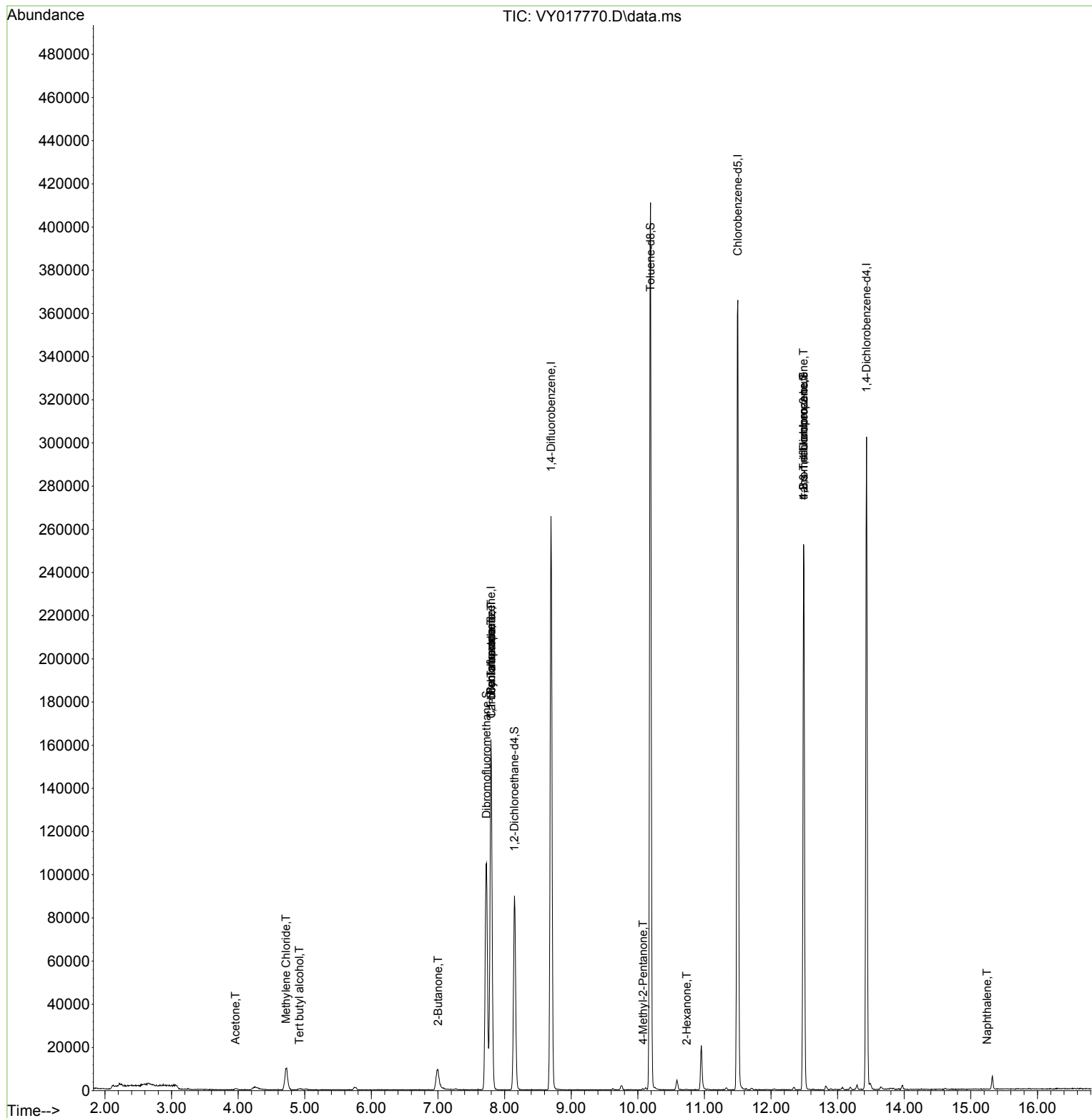
Internal Standards						
1) Pentafluorobenzene	7.795	168	128103	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	234042	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.501	117	213462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	68992	61.820	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.640%	
35) Dibromofluoromethane	7.728	113	77442	55.355	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.720%	
50) Toluene-d8	10.191	98	272831	50.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.489	95	76679	47.692	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	230	3.098	ug/l #	88
16) Acetone	3.960	43	1136	5.820	ug/l	90
20) Methylene Chloride	4.716	84	8176	5.759	ug/l	96
25) 2-Butanone	7.002	43	556	9.593	ug/l #	41
31) Cyclohexane	7.795	56	2477	1.122	ug/l #	12
36) 1,1-Dichloropropene	7.801	75	9640	4.460	ug/l #	47
38) Carbon Tetrachloride	7.801	117	11399	5.037	ug/l #	17
51) 4-Methyl-2-Pentanone	10.081	43	451	6.139	ug/l #	61
59) 2-Hexanone	10.733	43	97	9.634	ug/l #	19
76) 1,2,3-Trichloropropane	12.489	75	37553	52.022	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37553	120.207	ug/l #	16
95) Naphthalene	15.245	128	173	2.689	ug/l #	69

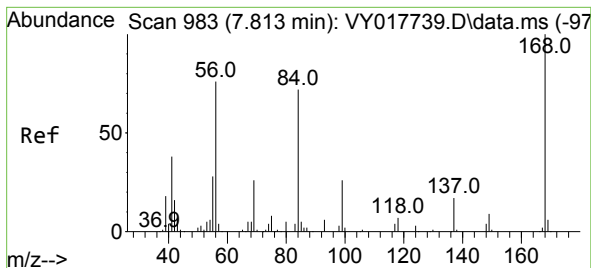
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.018 min

Lab File: VY017770.D

Acq: 26 Mar 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

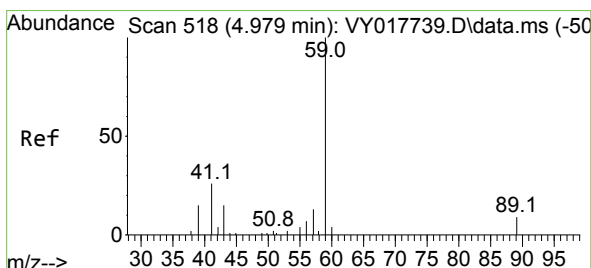
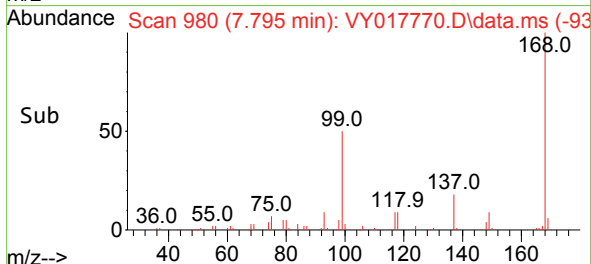
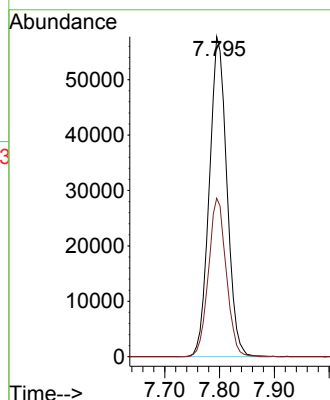
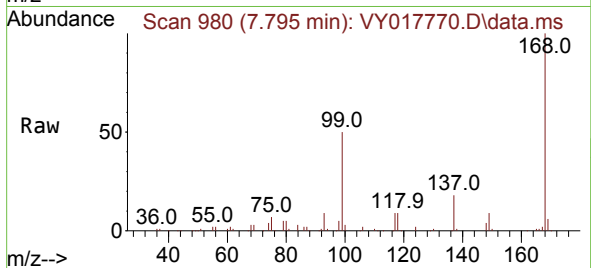
SOIL-4

Tgt Ion:168 Resp: 128103

Ion Ratio Lower Upper

168 100

99 49.5 39.1 58.7



#11

Tert butyl alcohol

Concen: 3.098 ug/l

RT: 4.917 min Scan# 508

Delta R.T. -0.061 min

Lab File: VY017770.D

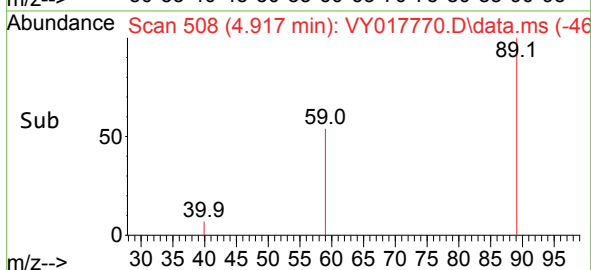
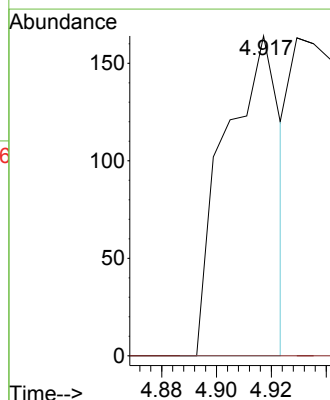
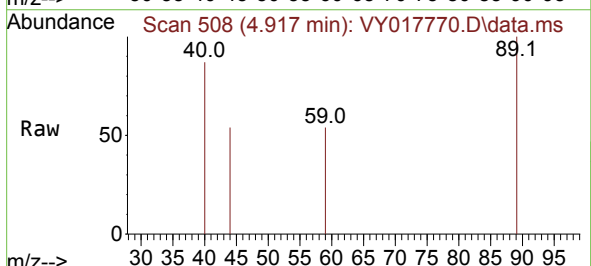
Acq: 26 Mar 2024 15:23

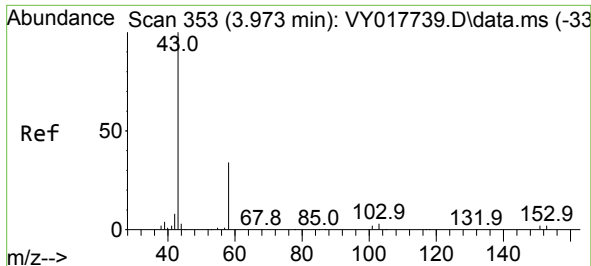
Tgt Ion: 59 Resp: 230

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#





#16

Acetone

Concen: 5.820 ug/l

RT: 3.960 min Scan# 31

Delta R.T. -0.013 min

Lab File: VY017770.D

Acq: 26 Mar 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

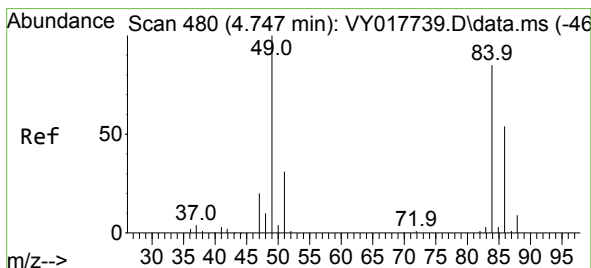
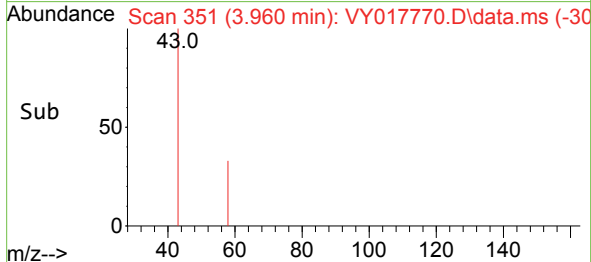
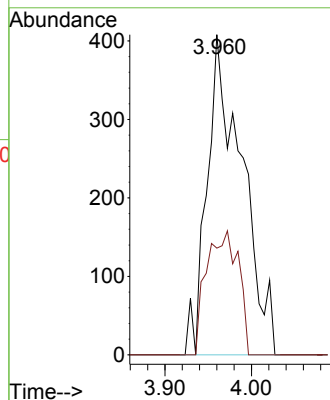
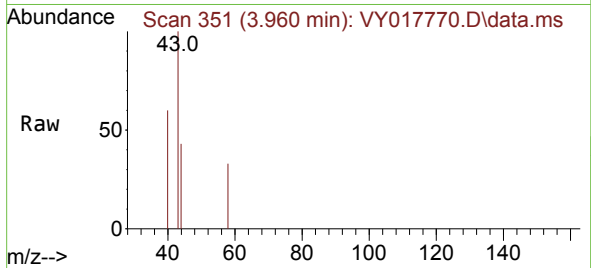
SOIL-4

Tgt Ion: 43 Resp: 1136

Ion Ratio Lower Upper

43 100

58 33.3 31.7 47.5



#20

Methylene Chloride

Concen: 5.759 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.031 min

Lab File: VY017770.D

Acq: 26 Mar 2024 15:23

Tgt Ion: 84 Resp: 8176

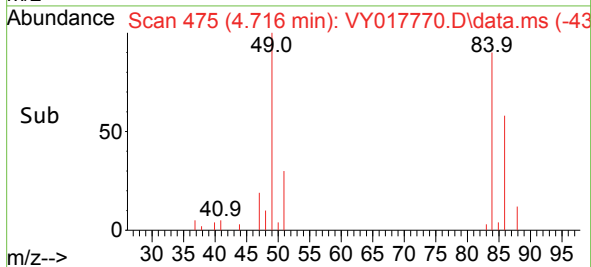
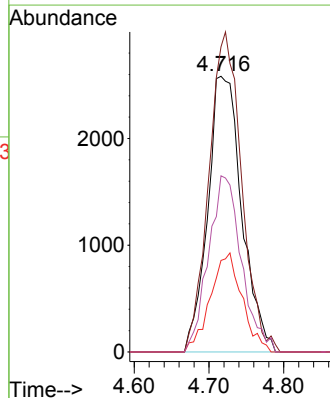
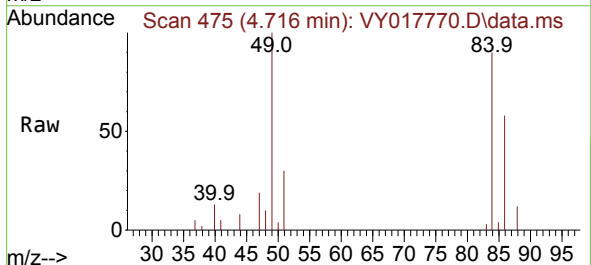
Ion Ratio Lower Upper

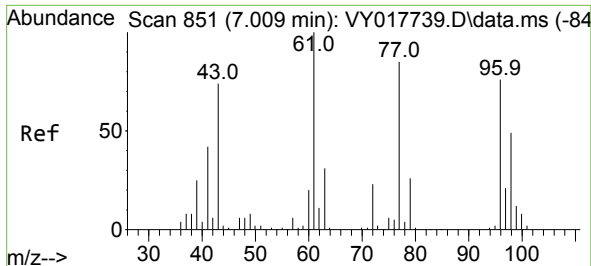
84 100

49 110.7 84.4 126.6

51 33.2 26.0 39.0

86 63.9 49.5 74.3

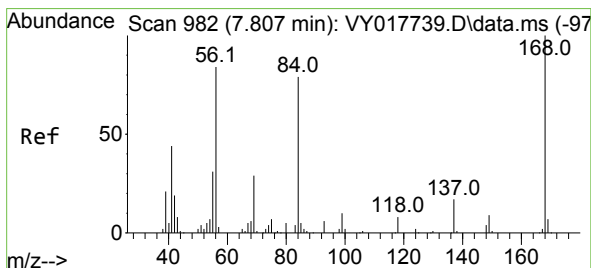
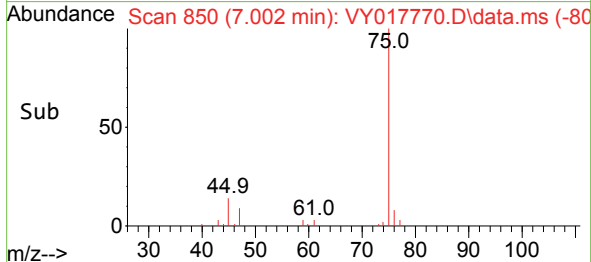
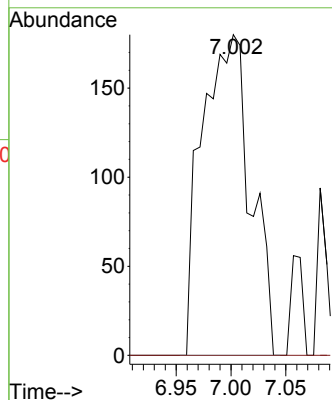
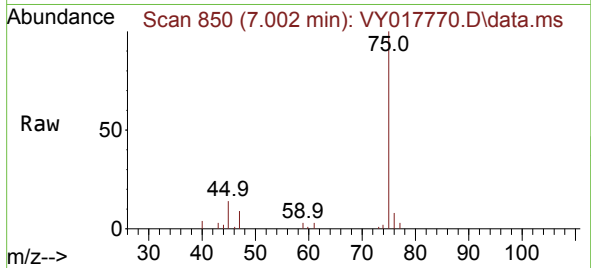




#25
2-Butanone
Concen: 9.593 ug/l
RT: 7.002 min Scan# 81
Delta R.T. -0.007 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

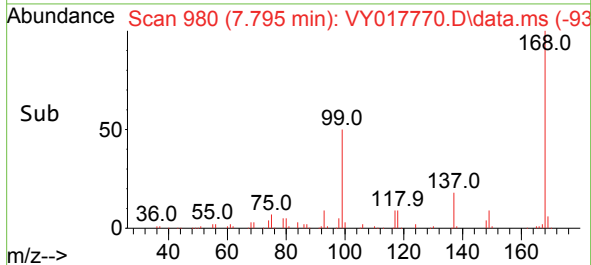
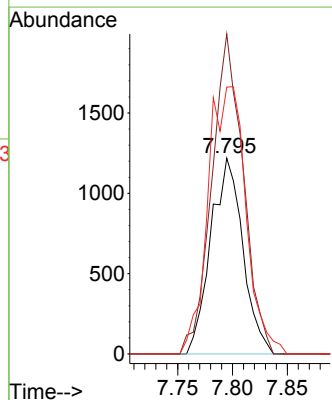
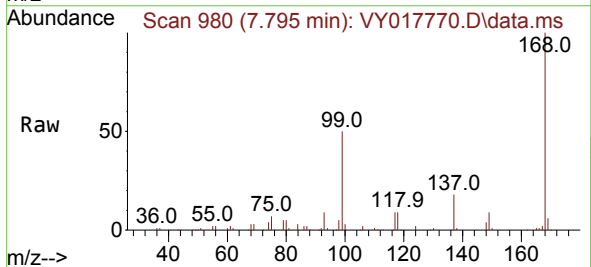
Instrument :
MSVOA_Y
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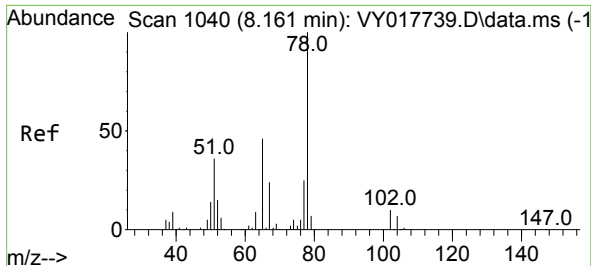
Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.013 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

Tgt Ion: 56 Resp: 2477
Ion Ratio Lower Upper
56 100
69 163.4 28.7 43.1#
84 136.3 77.7 116.5#

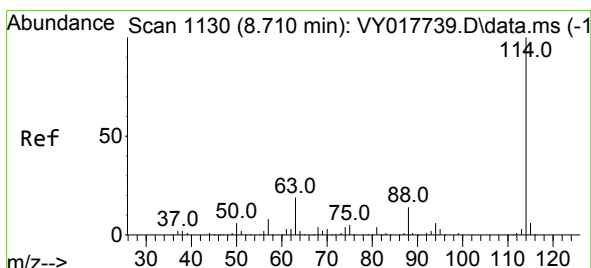
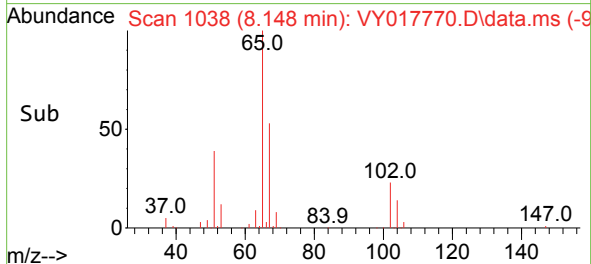
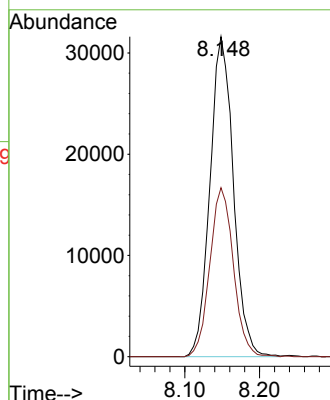
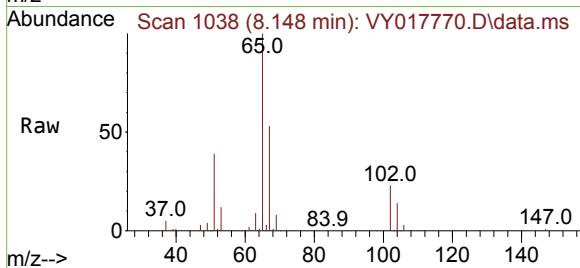




#33
1,2-Dichloroethane-d4
Concen: 61.820 ug/l
RT: 8.148 min Scan# 110
Delta R.T. -0.013 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

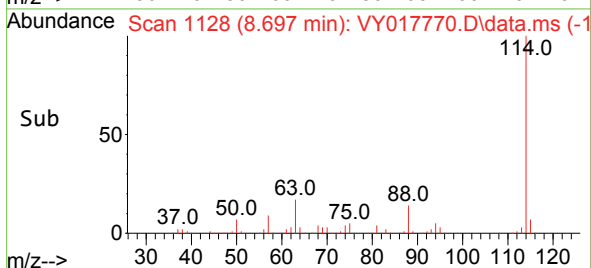
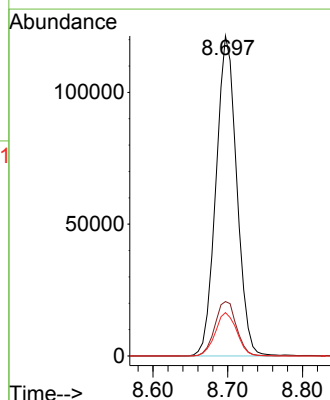
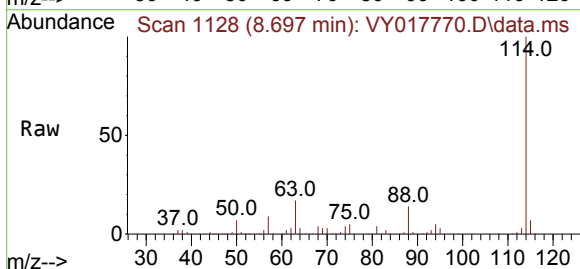
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-4

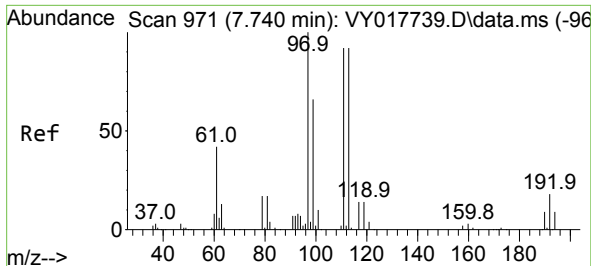
Tgt Ion: 65 Resp: 68992
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.013 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

Tgt Ion:114 Resp: 234042
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.0
88 13.5 0.0 27.2

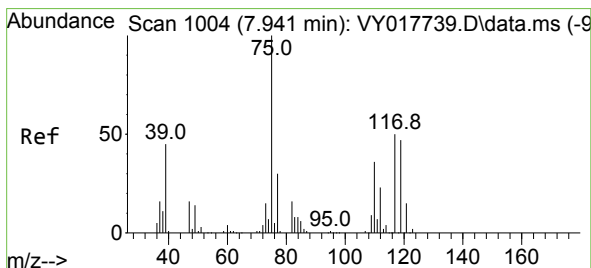
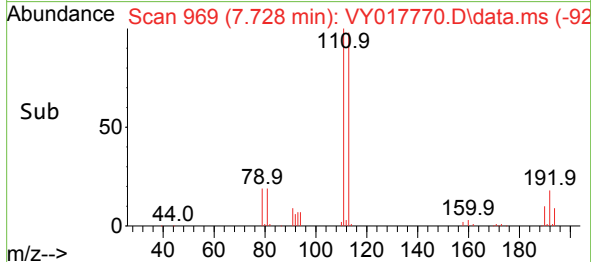
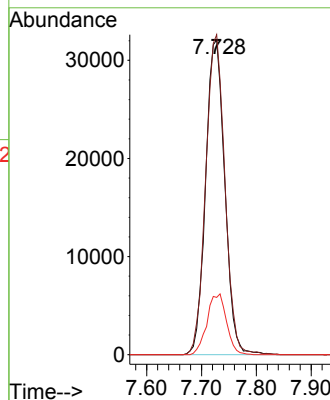
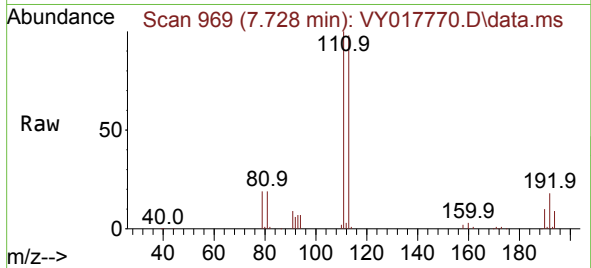




#35
Dibromofluoromethane
Concen: 55.355 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.013 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

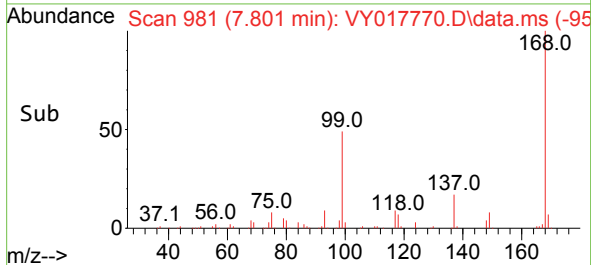
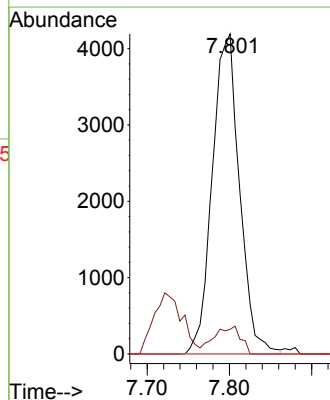
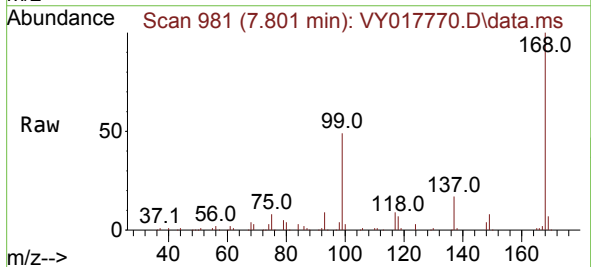
Instrument :
MSVOA_Y
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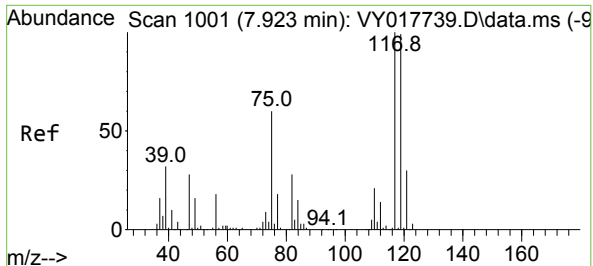
Tgt Ion:113 Resp: 77442
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 19.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.460 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.141 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

Tgt Ion: 75 Resp: 9640
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#

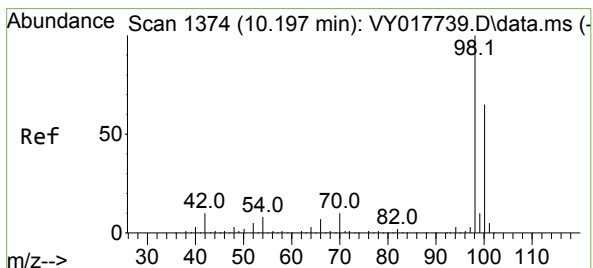
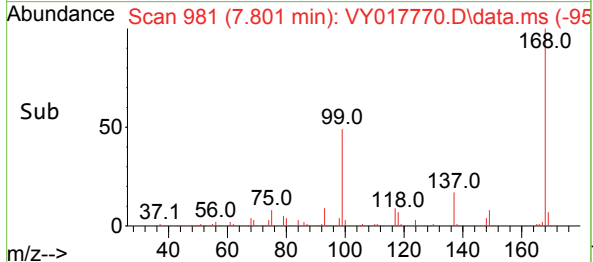
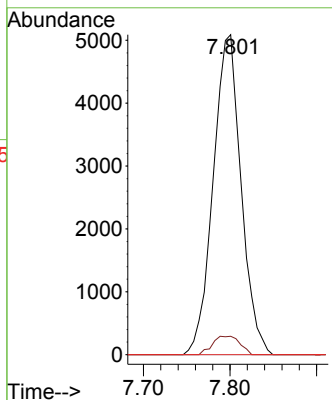
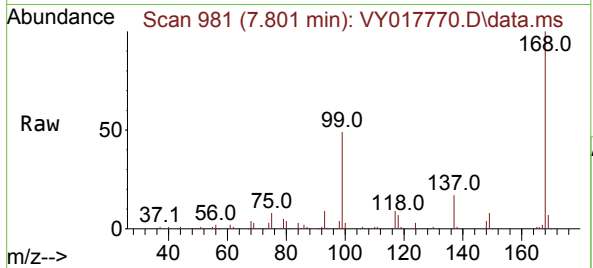




#38
Carbon Tetrachloride
Concen: 5.037 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

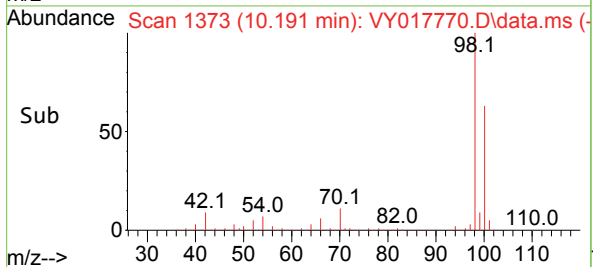
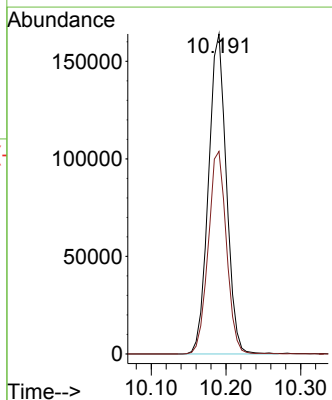
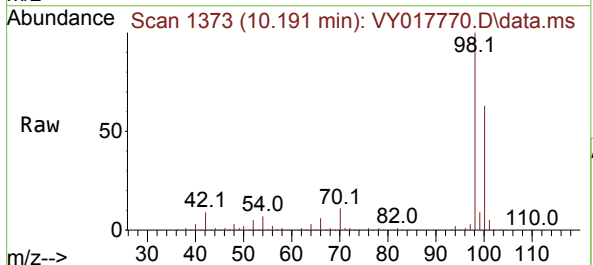
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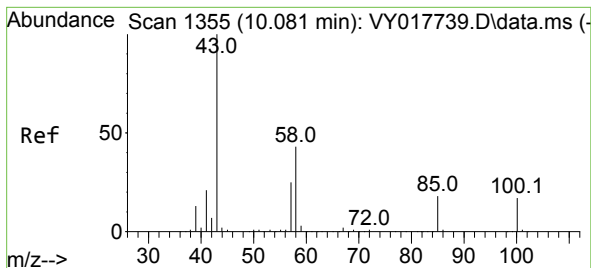
Tgt Ion:117 Resp: 11399
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.955 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.007 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

Tgt Ion: 98 Resp: 272831
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

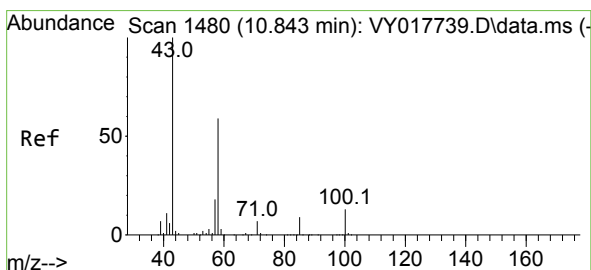
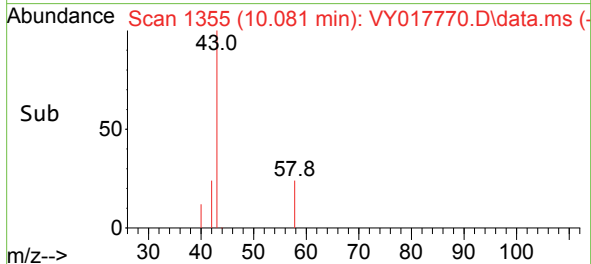
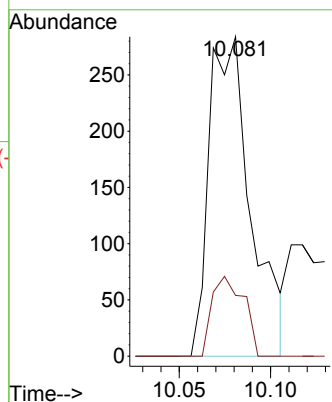
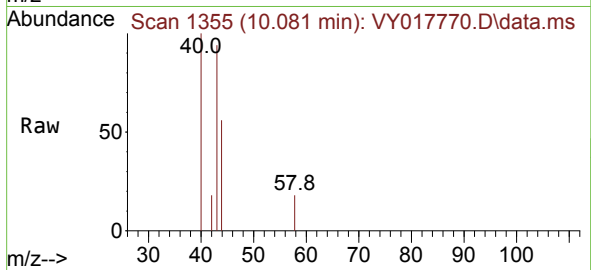




#51
4-Methyl-2-Pentanone
Concen: 6.139 ug/l
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

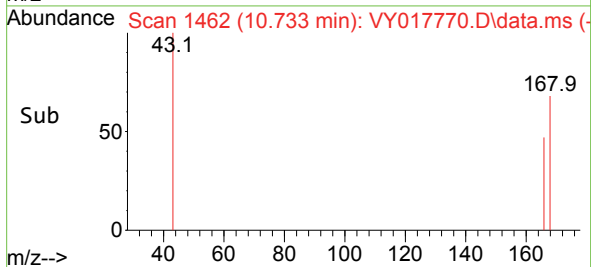
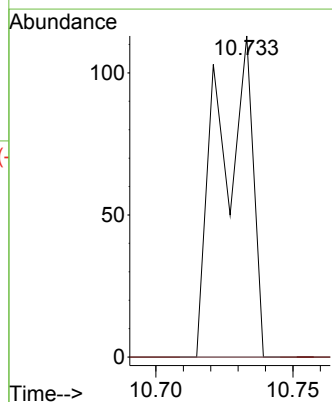
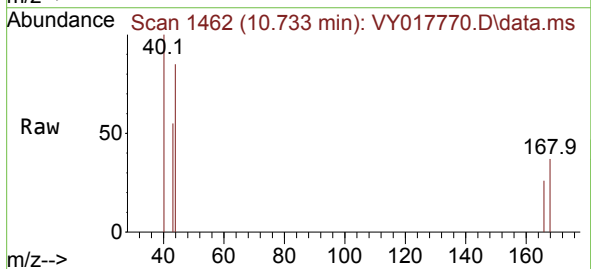
Instrument :
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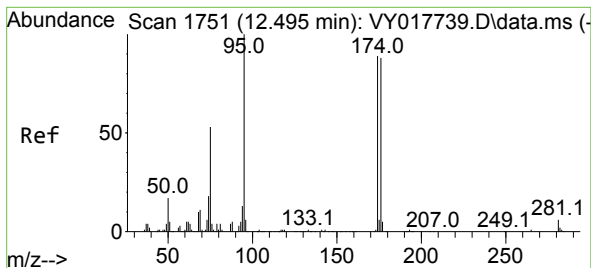
Tgt Ion: 43 Resp: 451
Ion Ratio Lower Upper
43 100
58 19.1 35.7 53.5#



#59
2-Hexanone
Concen: 9.634 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.110 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

Tgt Ion: 43 Resp: 97
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#





#62

4-Bromofluorobenzene

Concen: 47.692 ug/l

RT: 12.489 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY017770.D

Acq: 26 Mar 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-4

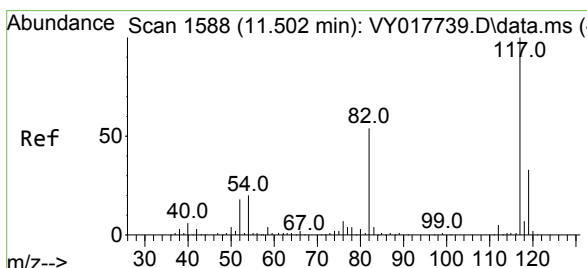
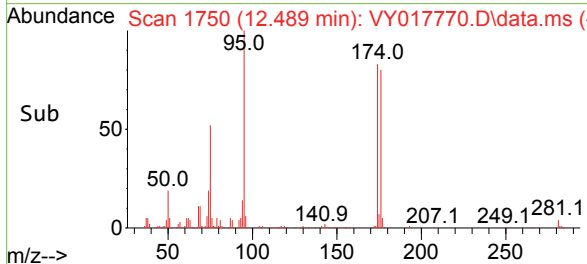
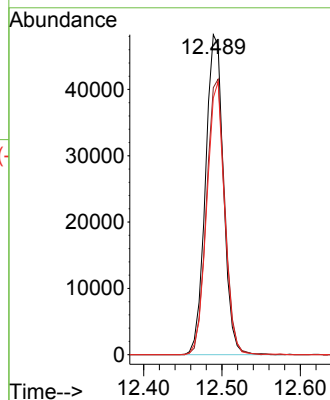
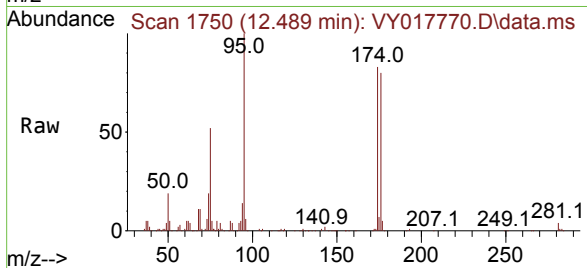
Tgt Ion: 95 Resp: 76679

Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.6

176 84.4 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 1588

Delta R.T. -0.000 min

Lab File: VY017770.D

Acq: 26 Mar 2024 15:23

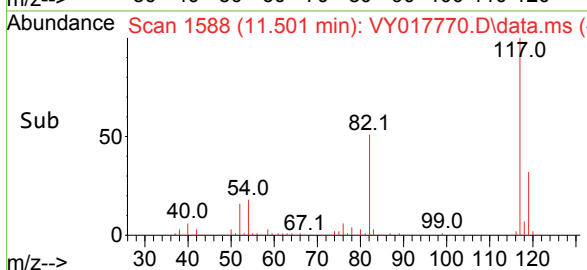
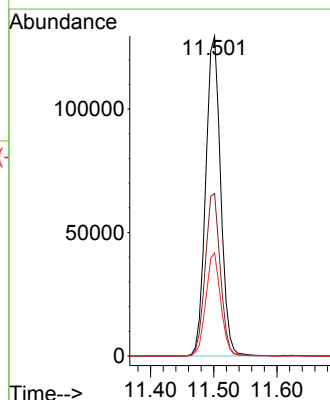
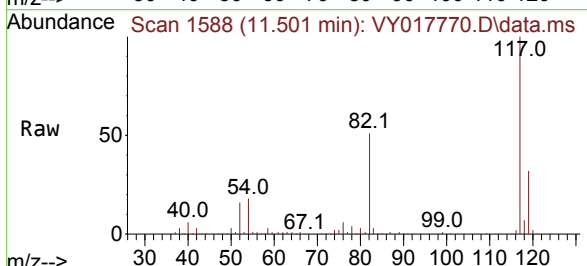
Tgt Ion: 117 Resp: 213462

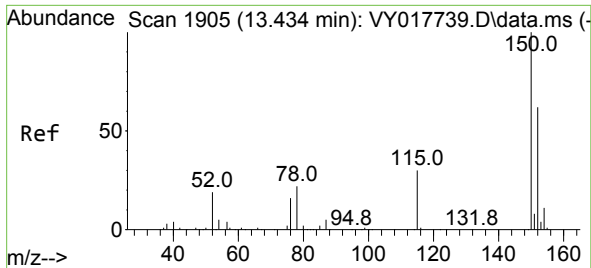
Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 32.2 25.9 38.9

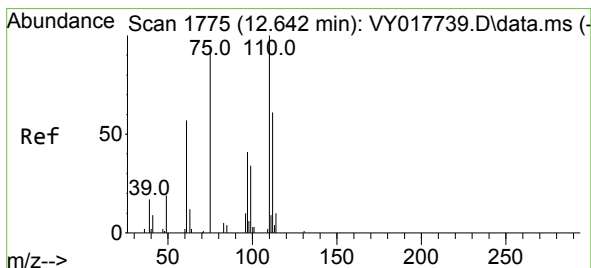
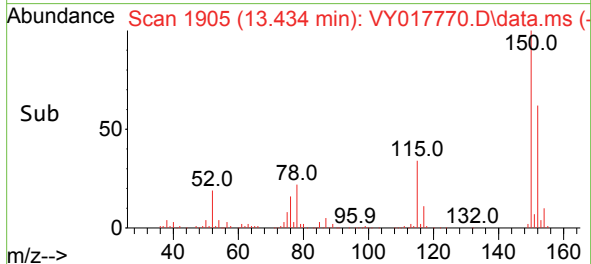
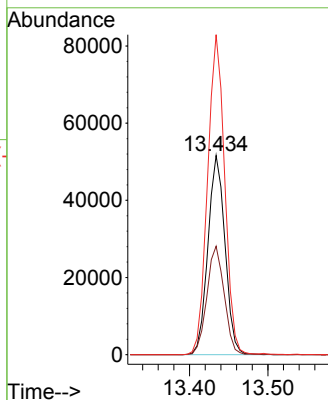
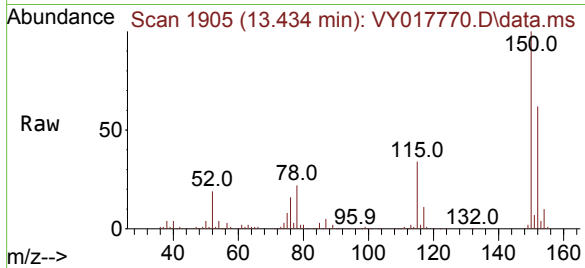




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY017770.D
 Acq: 26 Mar 2024 15:23

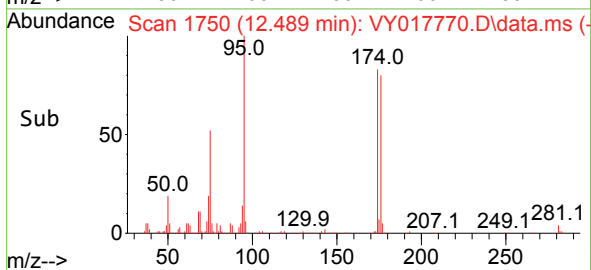
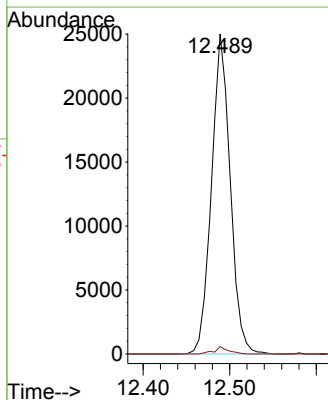
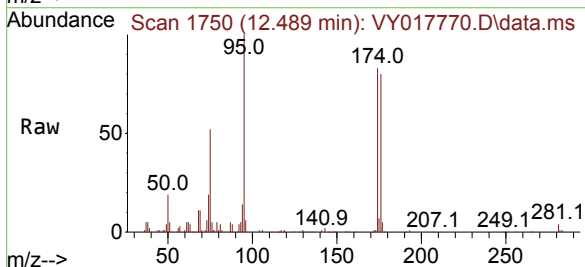
Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-4

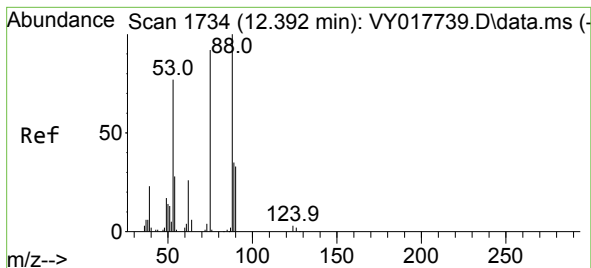
Tgt Ion:152 Resp: 78172
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 160.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 52.022 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.153 min
 Lab File: VY017770.D
 Acq: 26 Mar 2024 15:23

Tgt Ion: 75 Resp: 37553
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#

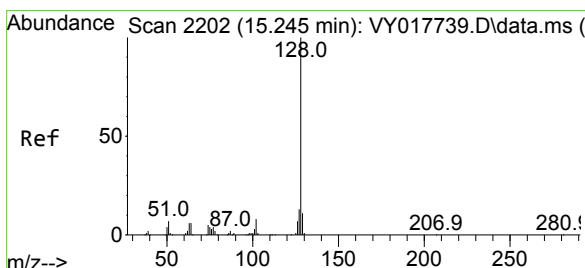
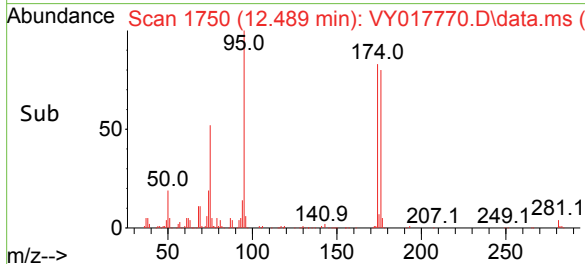
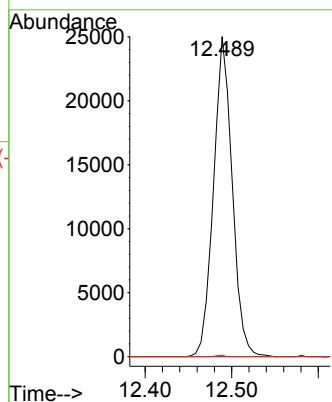
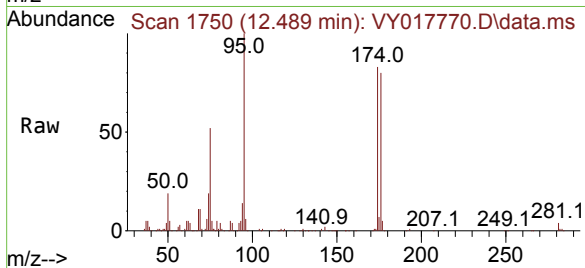




#81
trans-1,4-Dichloro-2-butene
Concen: 120.207 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.097 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-4

Tgt Ion: 75 Resp: 37553
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#



#95
Naphthalene
Concen: 2.689 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

Tgt Ion: 128 Resp: 173
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

