

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017773.D
 Acq On : 26 Mar 2024 16:34
 Operator : SY/MD
 Sample : P1869-13
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-5

Quant Time: Mar 27 01:32:11 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)

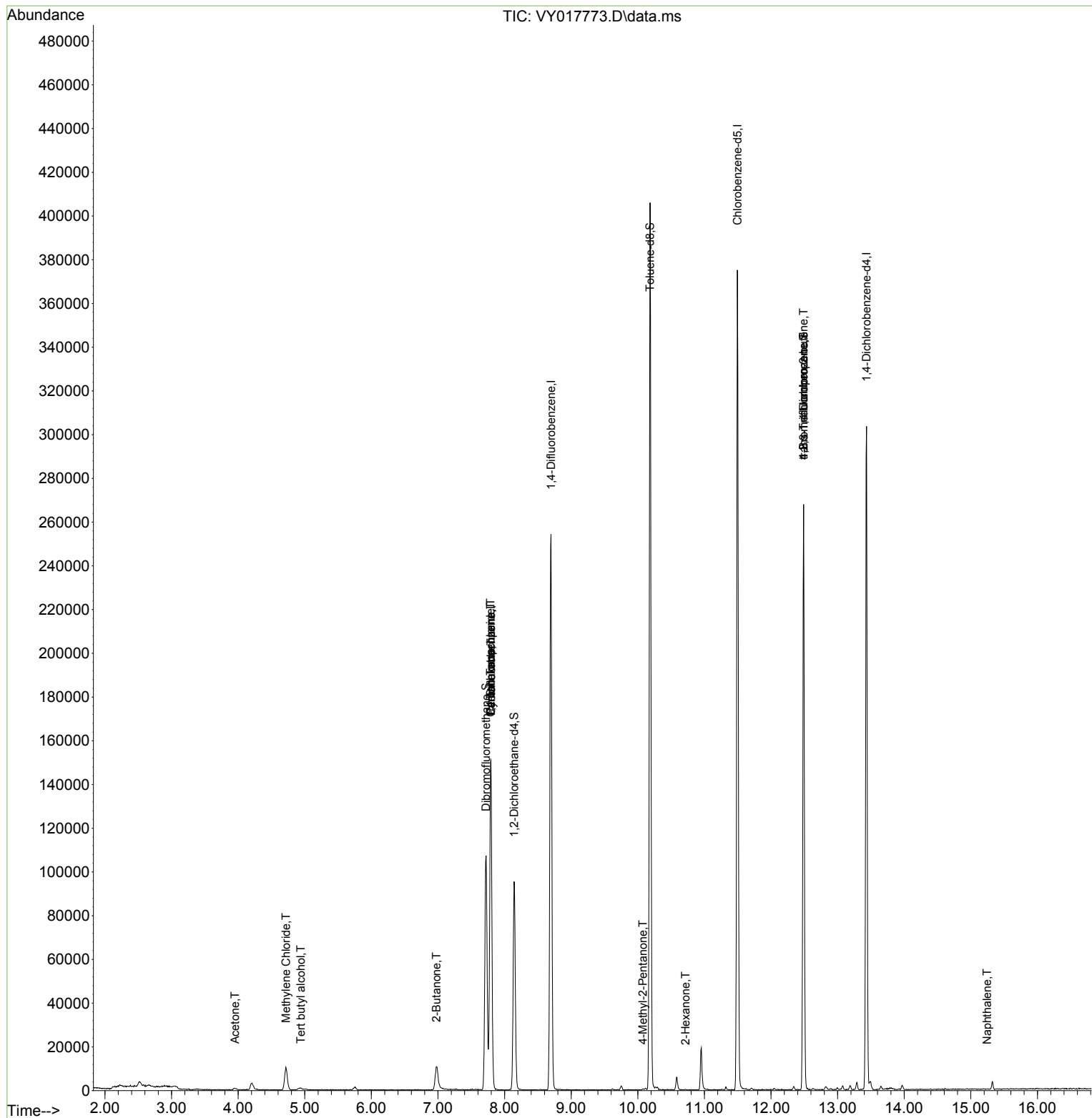
Internal Standards						
1) Pentafluorobenzene	7.795	168	124827	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	230150	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	208494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	81626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72495	66.664	ug/l	-0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.320%			
35) Dibromofluoromethane	7.722	113	76722	55.768	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.540%			
50) Toluene-d8	10.185	98	265779	50.478	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.960%			
62) 4-Bromofluorobenzene	12.489	95	76256	48.231	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.460%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	1219	16.853	ug/l #	88
16) Acetone	3.954	43	1403	7.376	ug/l #	70
20) Methylene Chloride	4.716	84	7642	5.524	ug/l	91
25) 2-Butanone	6.978	43	412	9.204	ug/l #	41
31) Cyclohexane	7.795	56	2186	1.016	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	9132	4.297	ug/l #	47
38) Carbon Tetrachloride	7.789	117	11580	5.203	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	321	6.001	ug/l	97
59) 2-Hexanone	10.715	43	31	9.533	ug/l #	19
76) 1,2,3-Trichloropropane	12.489	75	39615	52.556	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	39615	121.441	ug/l #	16
95) Naphthalene	15.245	128	44	2.628	ug/l #	69

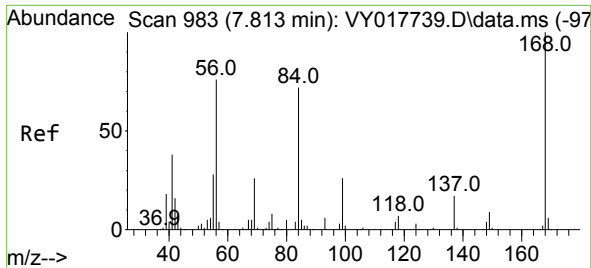
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
Data File : VY017773.D
Acq On : 26 Mar 2024 16:34
Operator : SY/MD
Sample : P1869-13
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-5

Quant Time: Mar 27 01:32:11 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

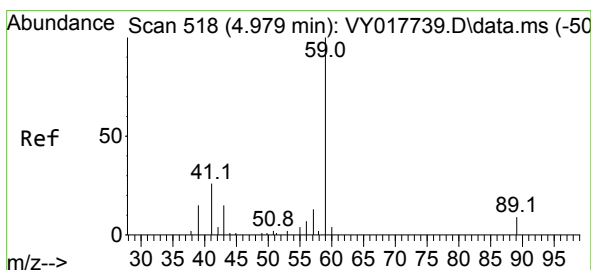
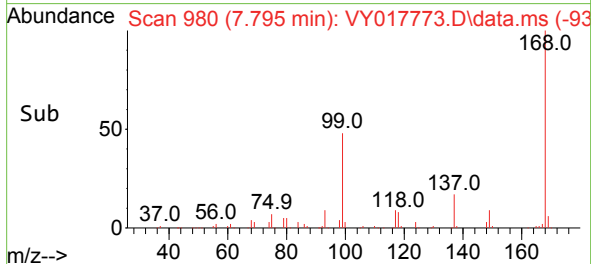
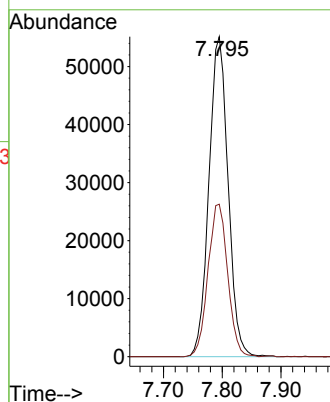
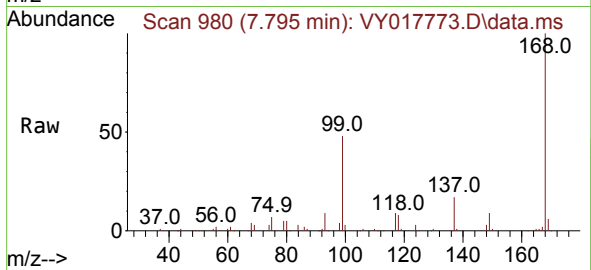




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.018 min
Lab File: VY017773.D
Acq: 26 Mar 2024 16:34

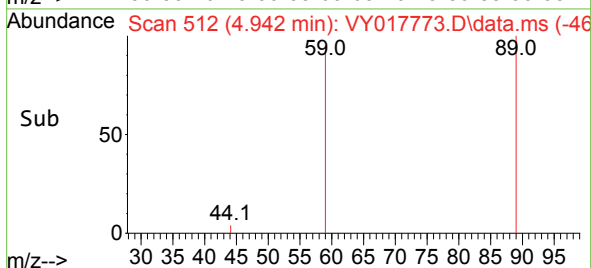
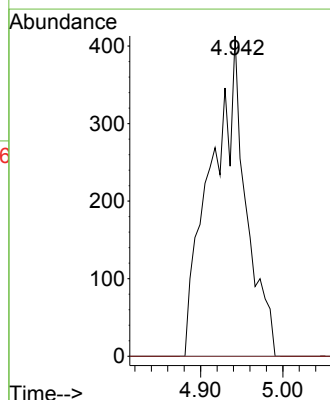
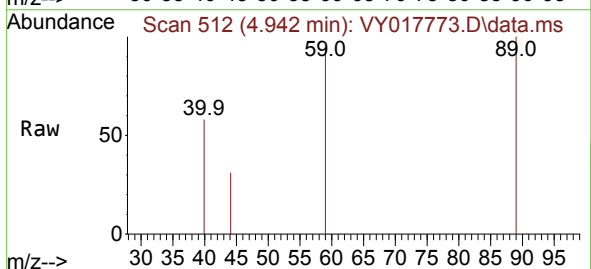
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-5

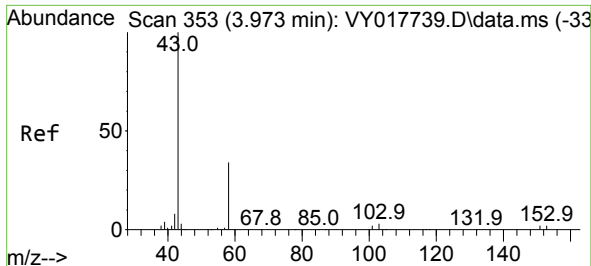
Tgt Ion:168 Resp: 124827
Ion Ratio Lower Upper
168 100
99 47.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 16.853 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.037 min
Lab File: VY017773.D
Acq: 26 Mar 2024 16:34

Tgt Ion: 59 Resp: 1219
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

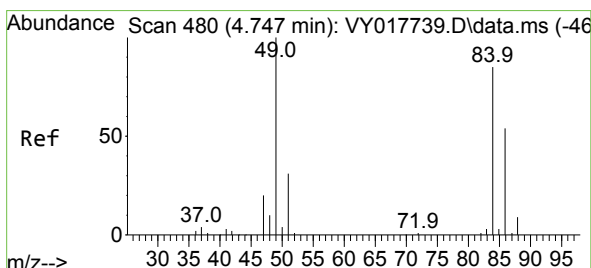
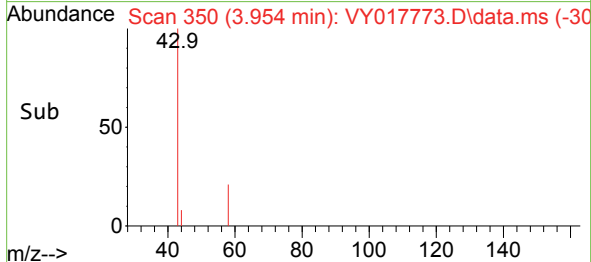
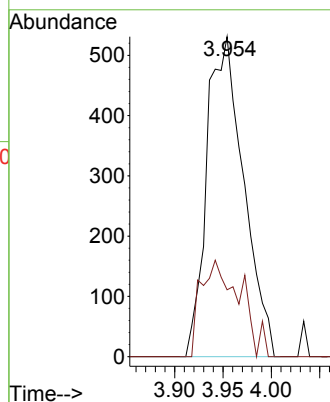
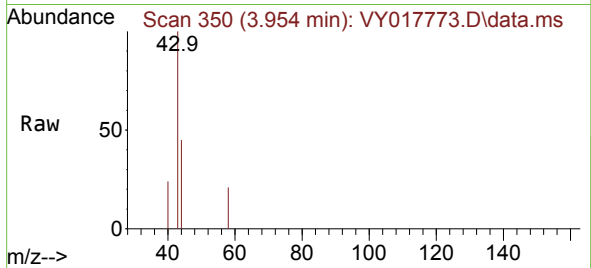




#16
Acetone
Concen: 7.376 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY017773.D
Acq: 26 Mar 2024 16:34

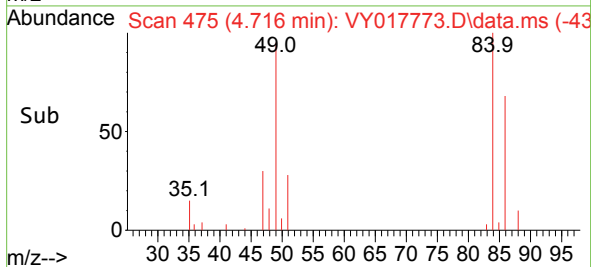
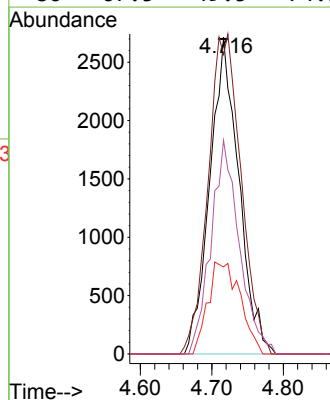
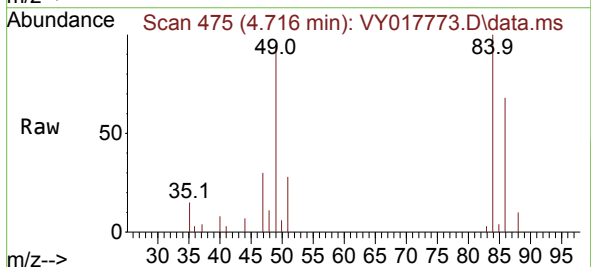
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-5

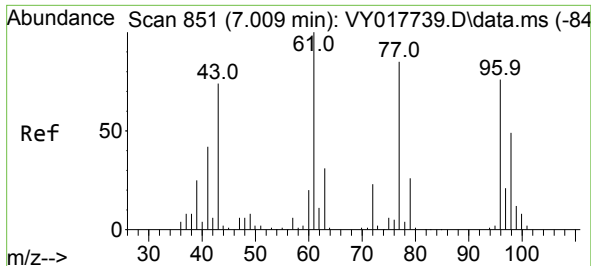
Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
58 20.9 31.7 47.5#



#20
Methylene Chloride
Concen: 5.524 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.031 min
Lab File: VY017773.D
Acq: 26 Mar 2024 16:34

Tgt Ion: 84 Resp: 7642
Ion Ratio Lower Upper
84 100
49 94.6 84.4 126.6
51 27.5 26.0 39.0
86 67.5 49.5 74.3

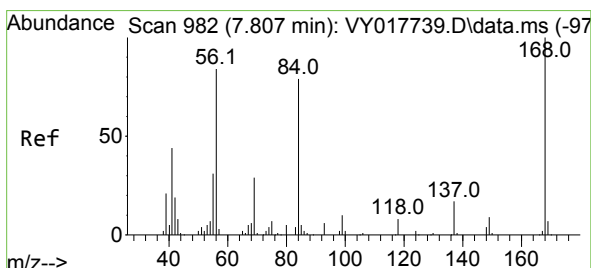
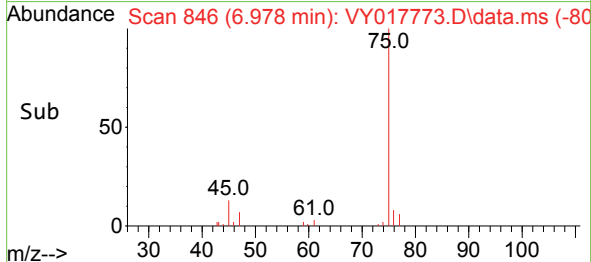
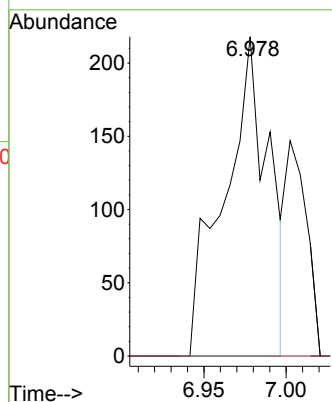
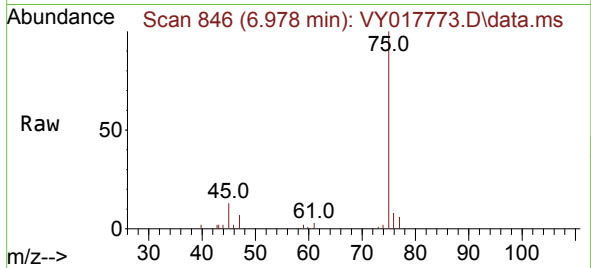




#25
2-Butanone
Concen: 9.204 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.031 min
Lab File: VY017773.D
Acq: 26 Mar 2024 16:34

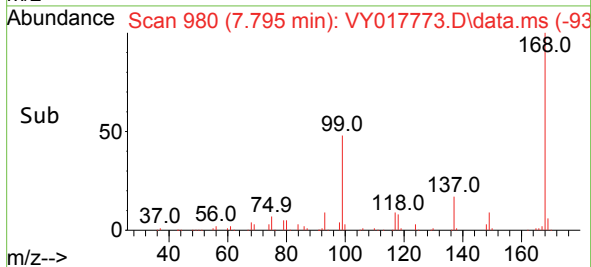
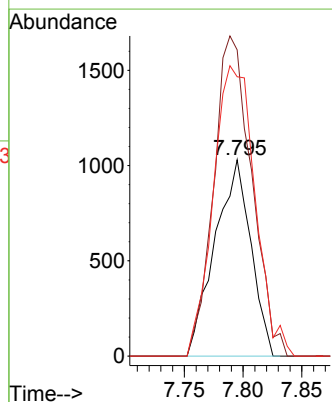
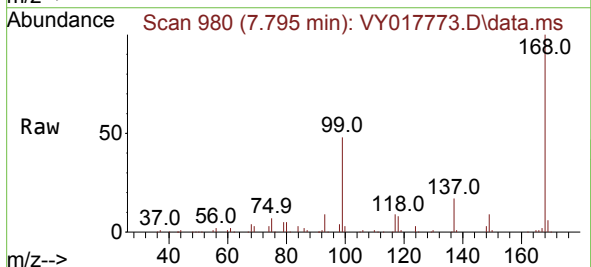
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-5

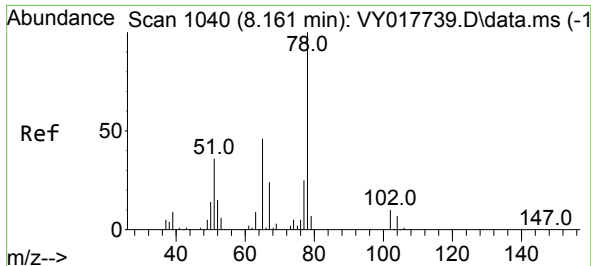
Tgt Ion: 43 Resp: 412
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.012 min
Lab File: VY017773.D
Acq: 26 Mar 2024 16:34

Tgt Ion: 56 Resp: 2186
Ion Ratio Lower Upper
56 100
69 156.0 28.7 43.1#
84 142.3 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 66.664 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.018 min

Lab File: VY017773.D

Acq: 26 Mar 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

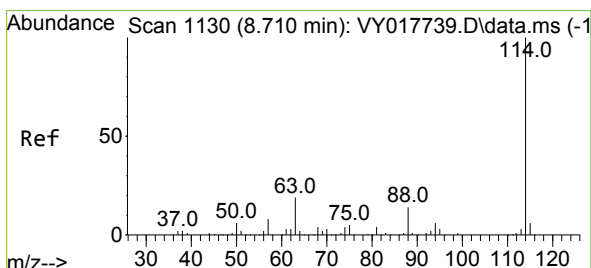
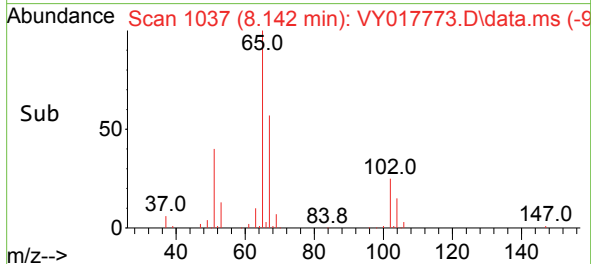
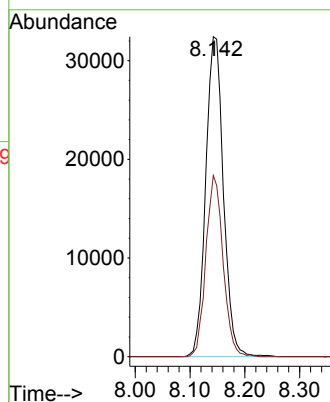
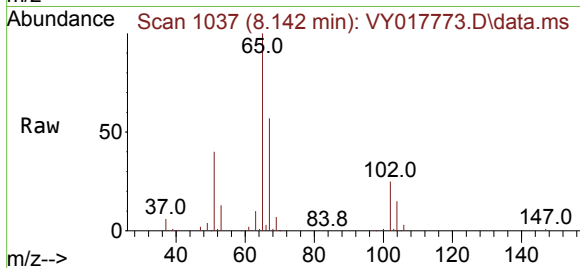
SOIL-5

Tgt Ion: 65 Resp: 72495

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VY017773.D

Acq: 26 Mar 2024 16:34

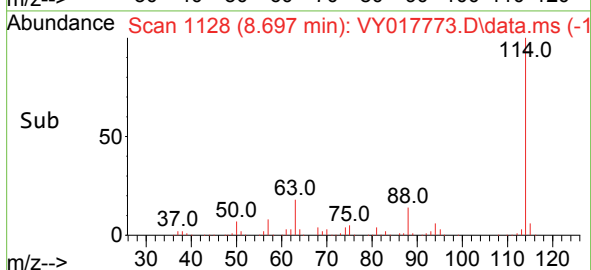
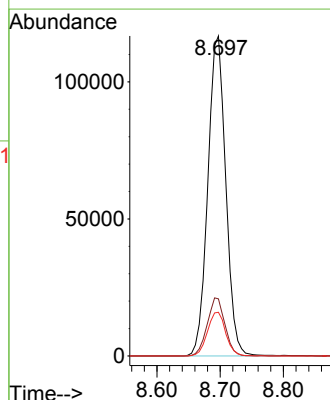
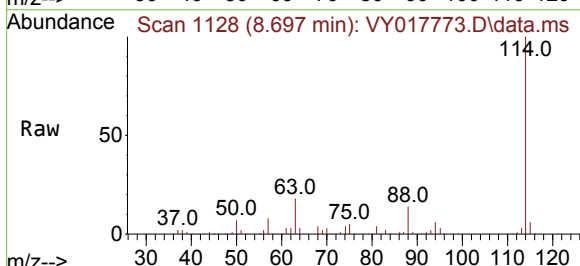
Tgt Ion: 114 Resp: 230150

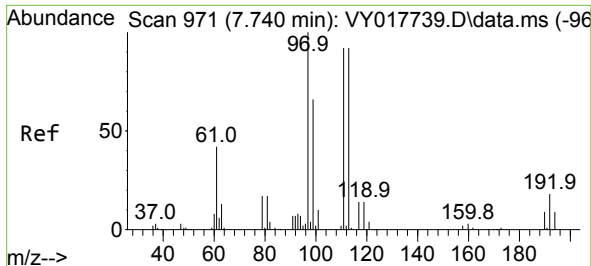
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 13.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.768 ug/l

RT: 7.722 min Scan# 910

Delta R.T. -0.018 min

Lab File: VY017773.D

Acq: 26 Mar 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-5

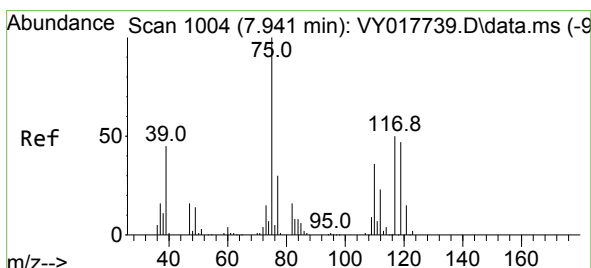
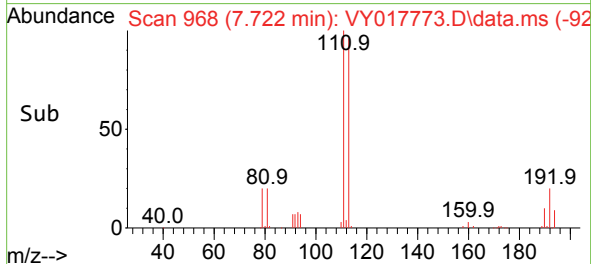
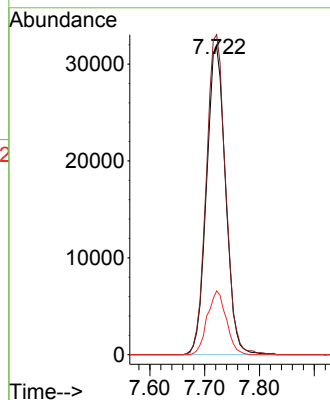
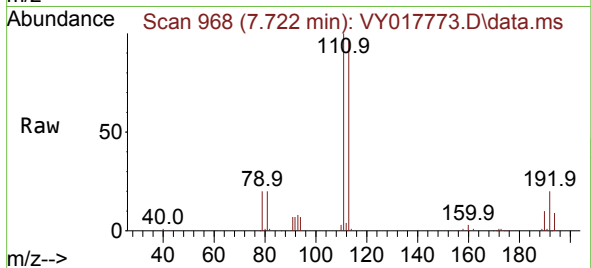
Tgt Ion:113 Resp: 76722

Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.4

192 20.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.297 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.153 min

Lab File: VY017773.D

Acq: 26 Mar 2024 16:34

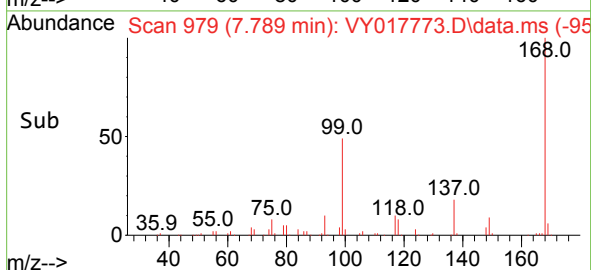
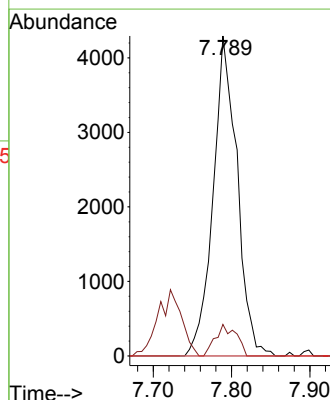
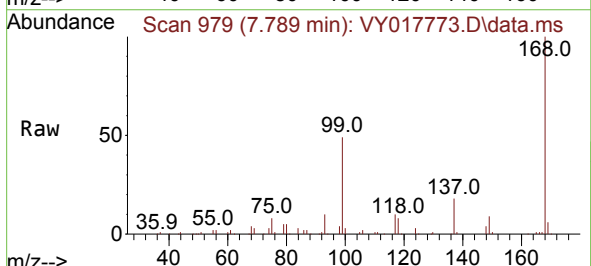
Tgt Ion: 75 Resp: 9132

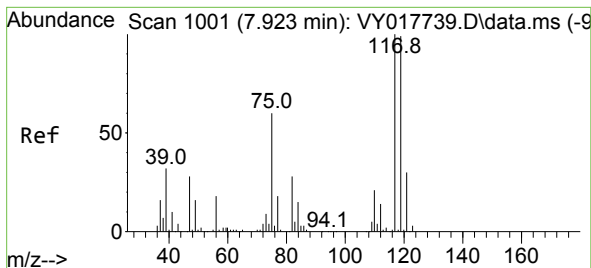
Ion Ratio Lower Upper

75 100

110 8.5 19.0 57.0#

77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.203 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY017773.D

Acq: 26 Mar 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-5

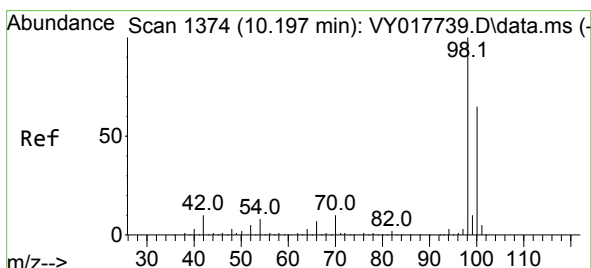
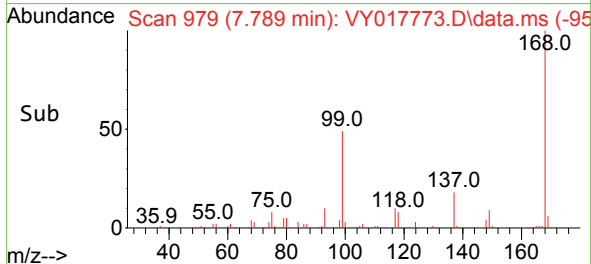
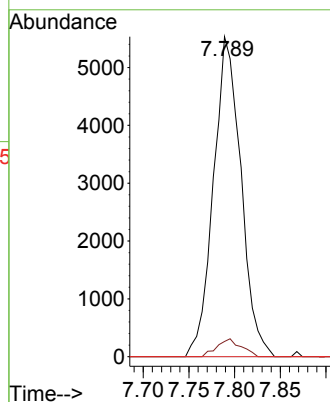
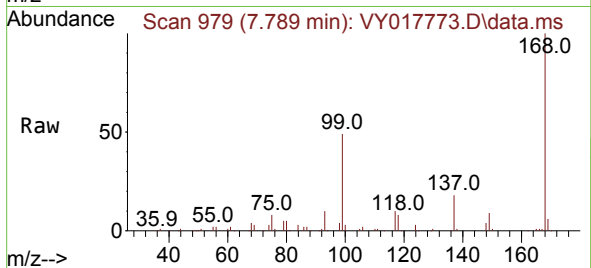
Tgt Ion:117 Resp: 11580

Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 50.478 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.012 min

Lab File: VY017773.D

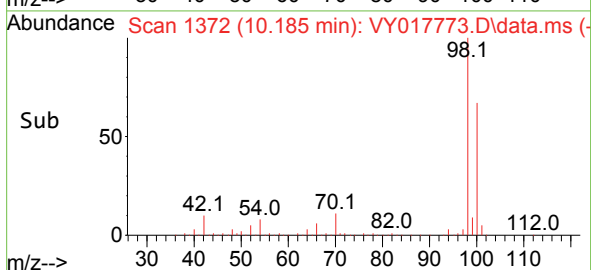
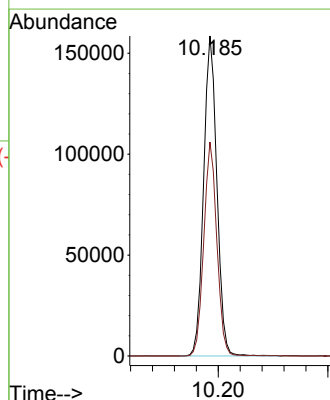
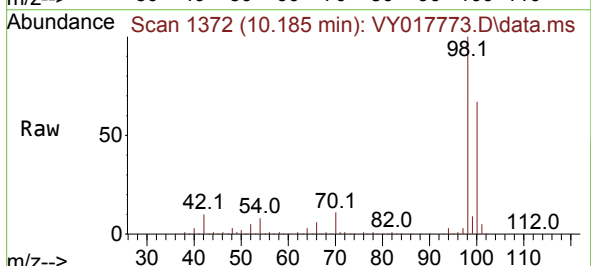
Acq: 26 Mar 2024 16:34

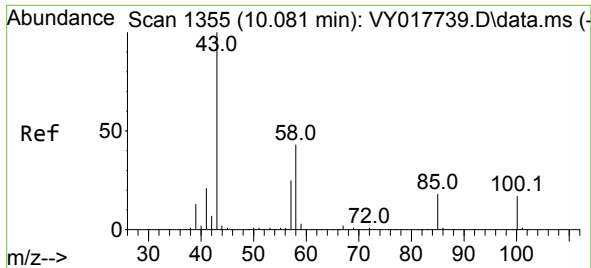
Tgt Ion: 98 Resp: 265779

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 6.001 ug/l

RT: 10.075 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017773.D

Acq: 26 Mar 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

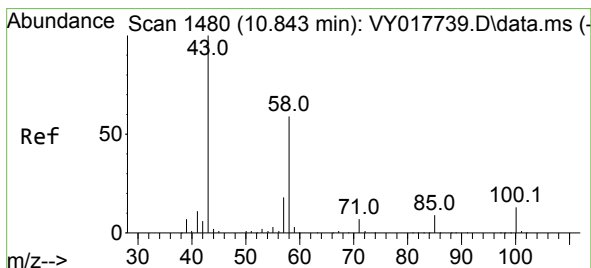
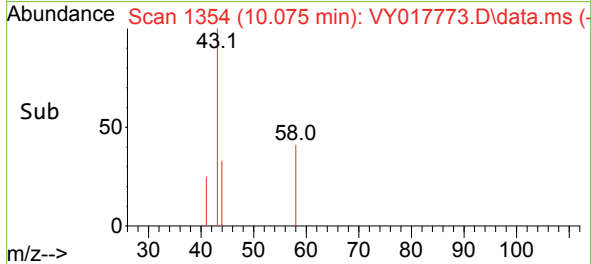
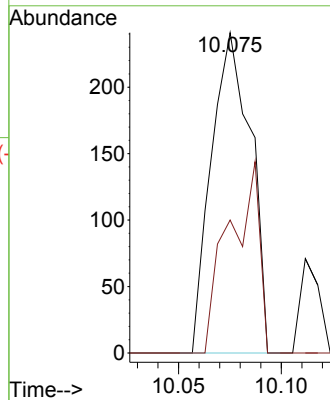
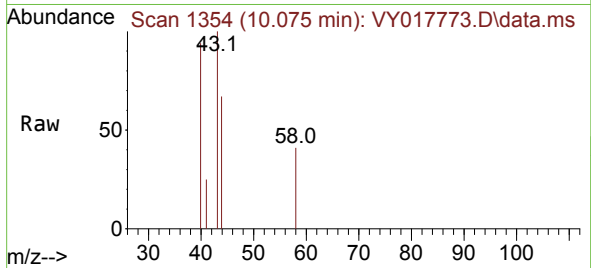
SOIL-5

Tgt Ion: 43 Resp: 321

Ion Ratio Lower Upper

43 100

58 46.4 35.7 53.5



#59

2-Hexanone

Concen: 9.533 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.128 min

Lab File: VY017773.D

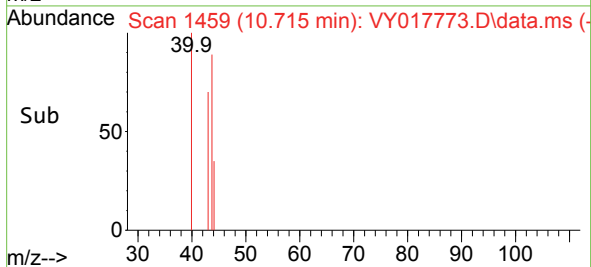
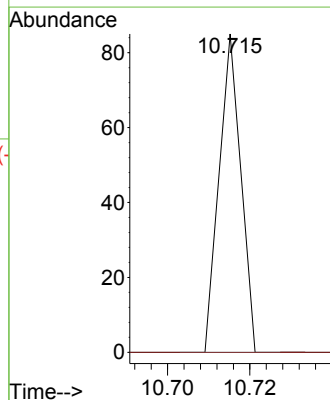
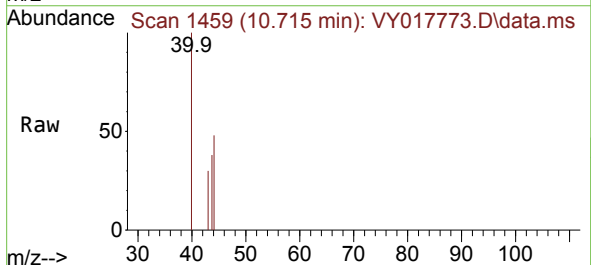
Acq: 26 Mar 2024 16:34

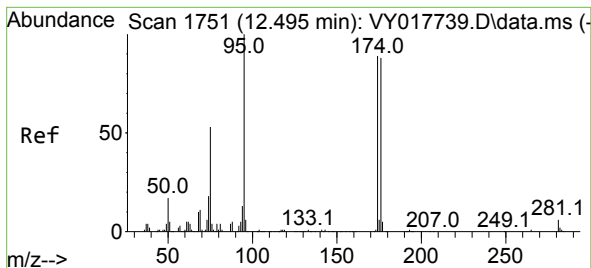
Tgt Ion: 43 Resp: 31

Ion Ratio Lower Upper

43 100

58 0.0 31.4 94.0#

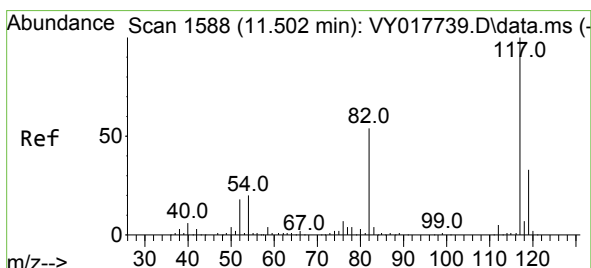
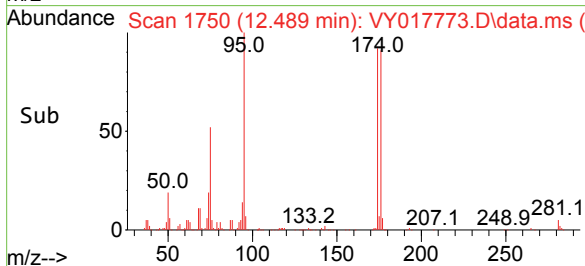
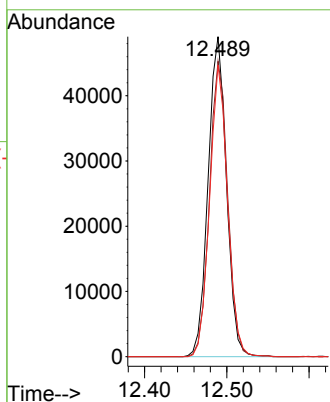
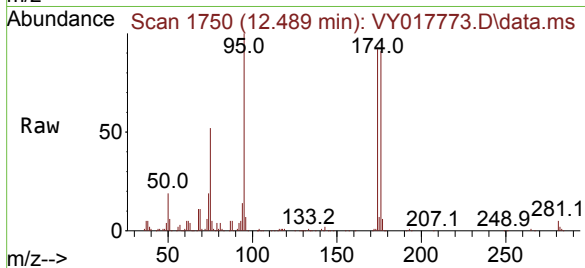




#62
4-Bromofluorobenzene
Concen: 48.231 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017773.D
Acq: 26 Mar 2024 16:34

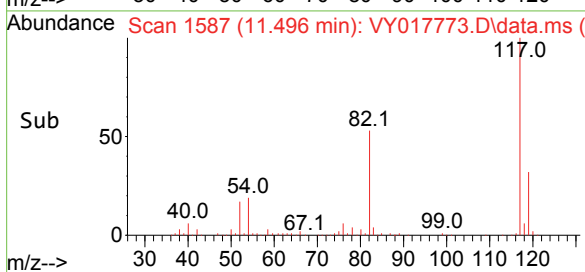
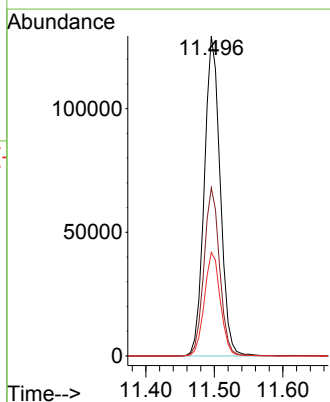
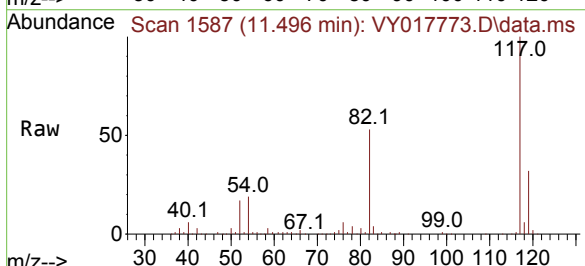
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-5

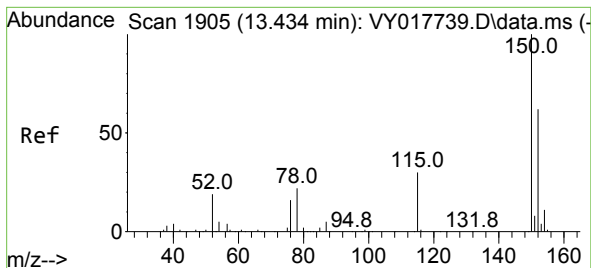
Tgt Ion:	95	Resp:	76256
Ion Ratio	Lower	Upper	
95	100		
174	92.0	0.0	175.6
176	88.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017773.D
Acq: 26 Mar 2024 16:34

Tgt Ion:	117	Resp:	208494
Ion Ratio	Lower	Upper	
117	100		
82	52.5	42.4	63.6
119	32.4	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: VY017773.D

Acq: 26 Mar 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-5

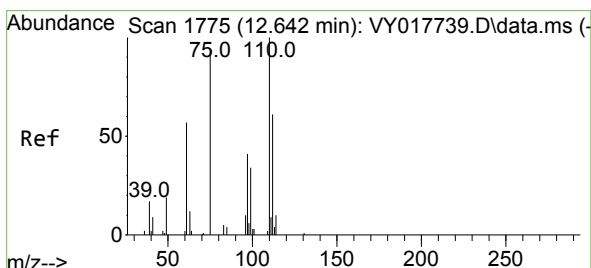
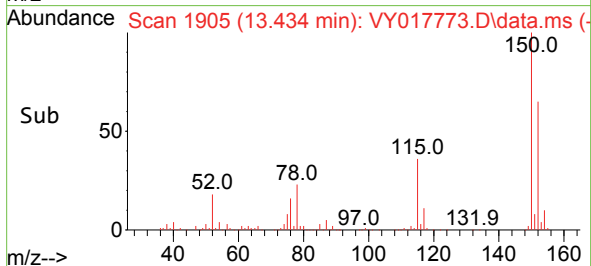
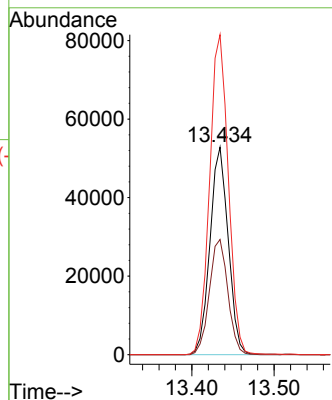
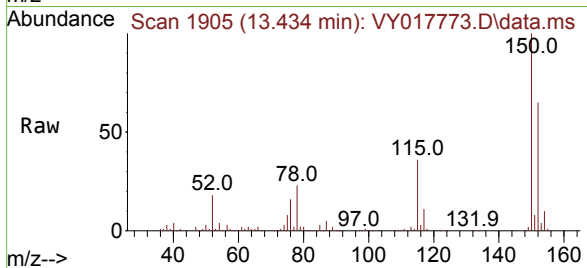
Tgt Ion:152 Resp: 81626

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 157.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 52.556 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY017773.D

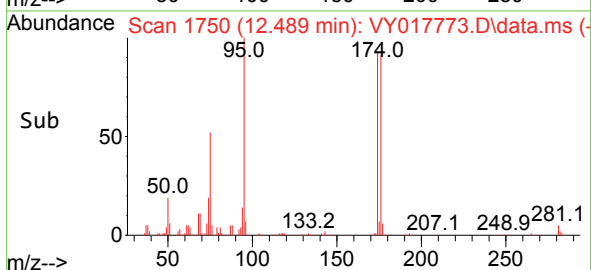
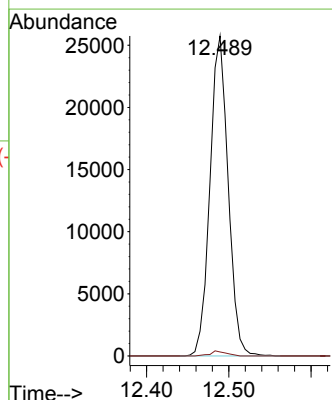
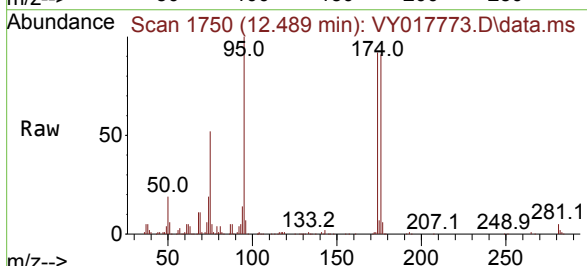
Acq: 26 Mar 2024 16:34

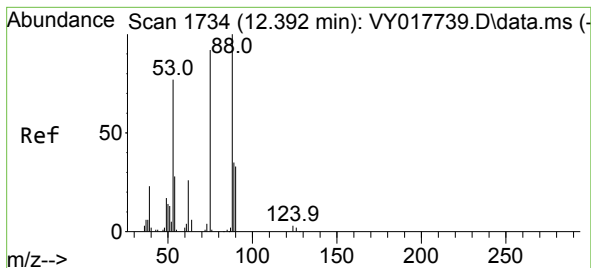
Tgt Ion: 75 Resp: 39615

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

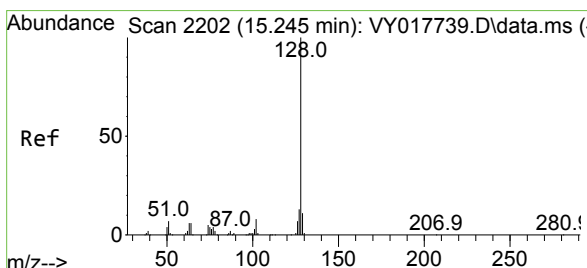
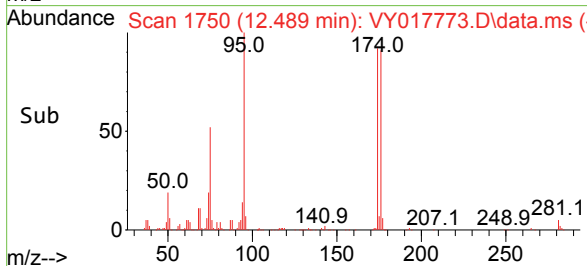
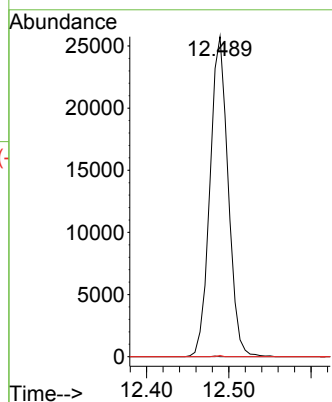
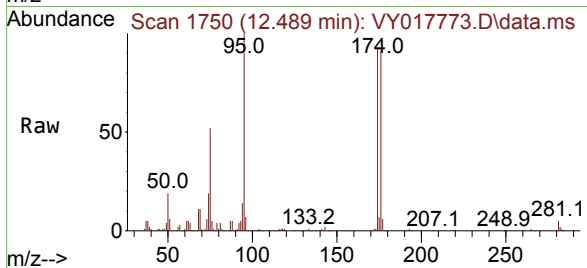




#81
trans-1,4-Dichloro-2-butene
Concen: 121.441 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.097 min
Lab File: VY017773.D
Acq: 26 Mar 2024 16:34

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-5

Tgt Ion: 75 Resp: 39615
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#



#95
Naphthalene
Concen: 2.628 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017773.D
Acq: 26 Mar 2024 16:34

Tgt Ion: 128 Resp: 44
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

