

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017865.D
 Acq On : 05 Apr 2024 12:56
 Operator : SY/MD
 Sample : P1974-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2RE

Quant Time: Apr 06 04:46:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

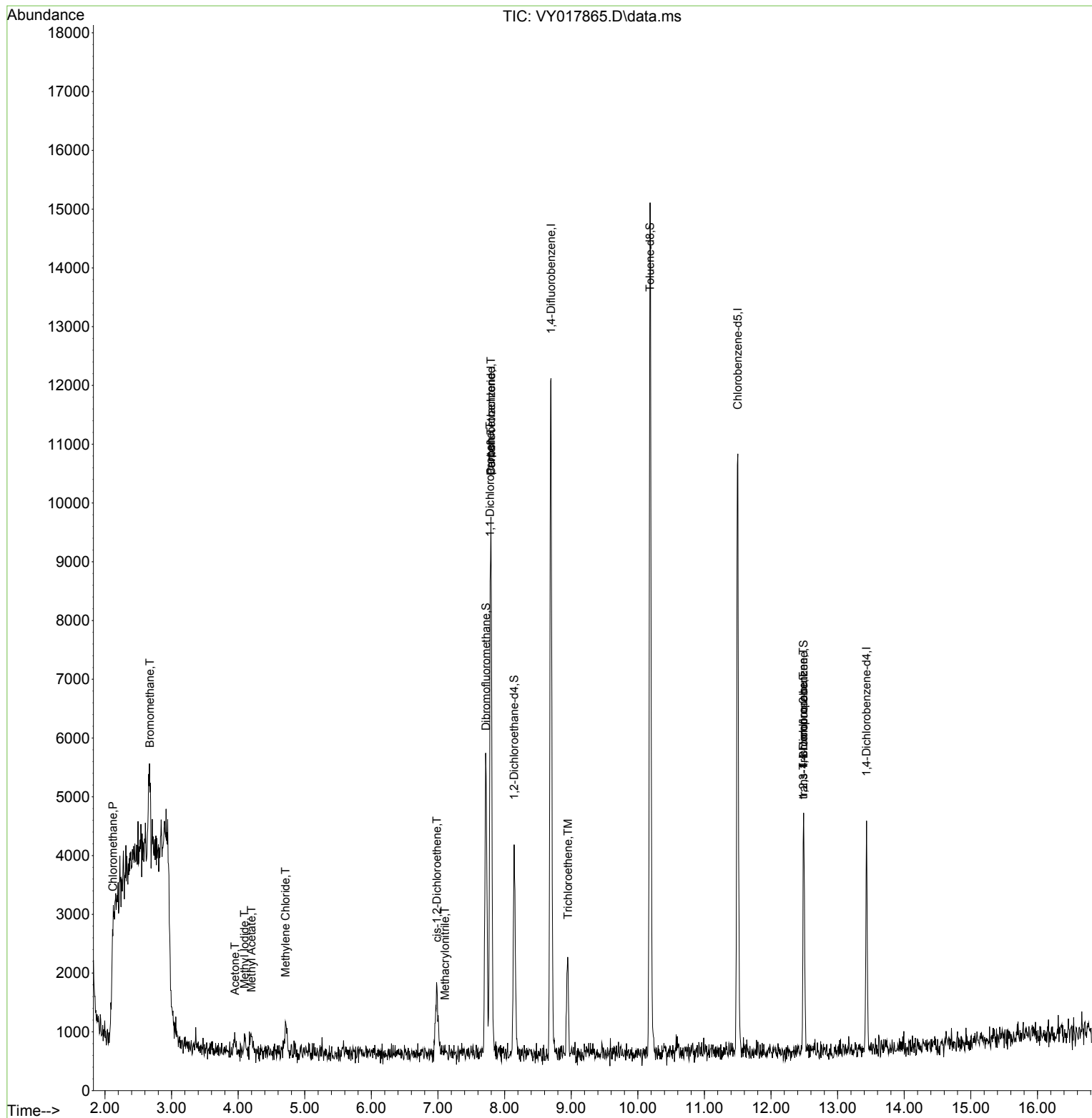
Internal Standards						
1) Pentafluorobenzene	7.795	168	7569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	10345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	6481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2711	41.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.780%
35) Dibromofluoromethane	7.722	113	3663	61.277	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.560%
50) Toluene-d8	10.185	98	10624	47.578	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.489	95	1405	20.681	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.360%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	328	3.320	ug/l #	43
5) Bromomethane	2.674	94	848	8.123	ug/l	93
10) Methyl Iodide	4.094	142	423	5.151	ug/l #	56
16) Acetone	3.954	43	402	29.692	ug/l #	36
18) Methyl Acetate	4.198	43	91	3.035	ug/l #	46
20) Methylene Chloride	4.710	84	357	1.740	ug/l #	83
27) cis-1,2-Dichloroethene	6.984	96	205	2.294	ug/l	46
36) 1,1-Dichloropropene	7.783	75	677	7.762	ug/l #	40
38) Carbon Tetrachloride	7.795	117	743	8.206	ug/l #	13
41) Methacrylonitrile	7.106	41	23	1.033	ug/l #	15
44) Trichloroethene	8.953	130	729	10.424	ug/l	86
76) 1,2,3-Trichloropropane	12.483	75	801	76.369	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	801	136.944	ug/l #	16

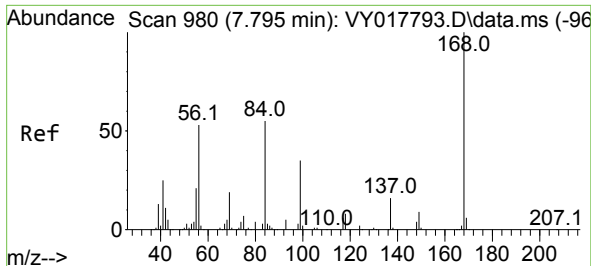
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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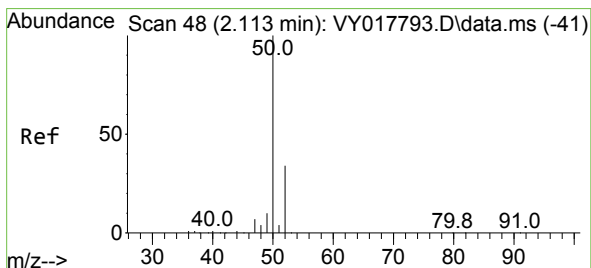
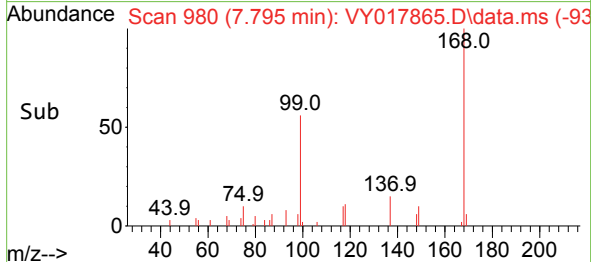
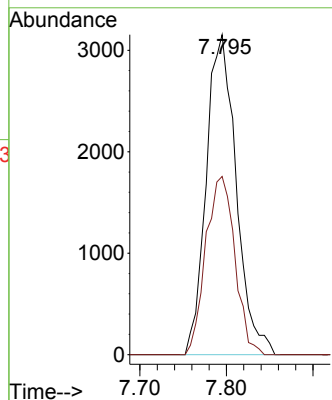
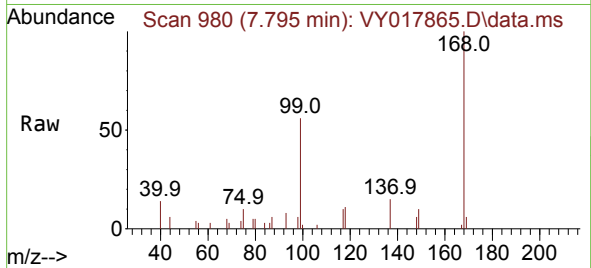




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

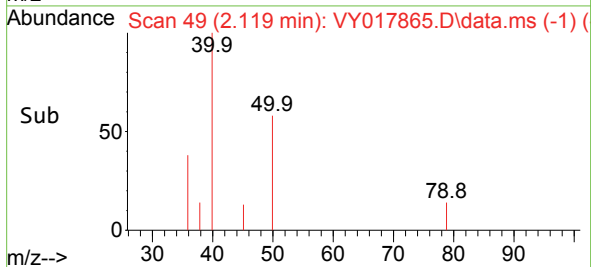
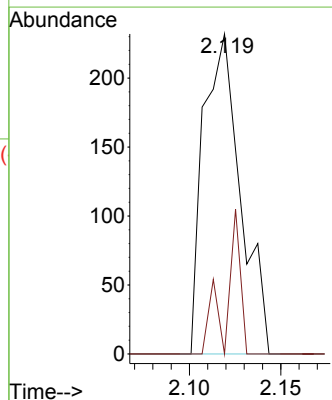
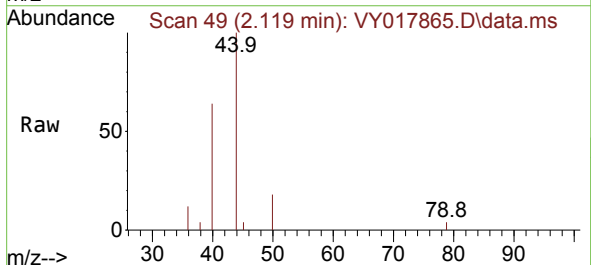
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2RE

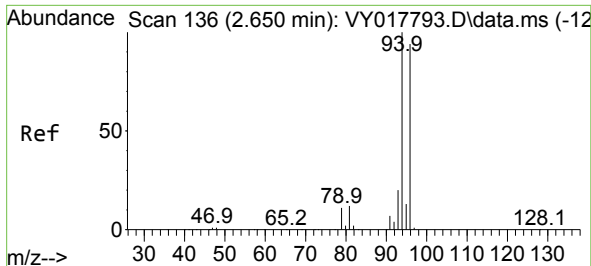
Tgt Ion:168 Resp: 7569
Ion Ratio Lower Upper
168 100
99 55.7 39.1 58.7



#3
Chloromethane
Concen: 3.320 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

Tgt Ion: 50 Resp: 328
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

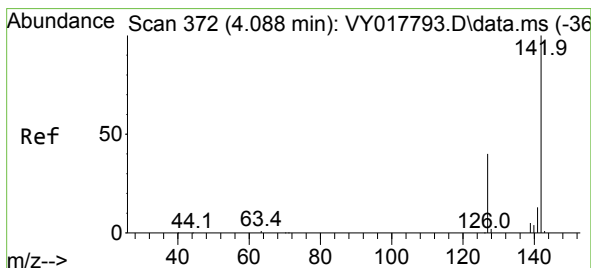
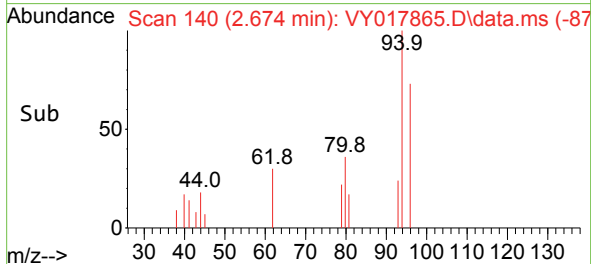
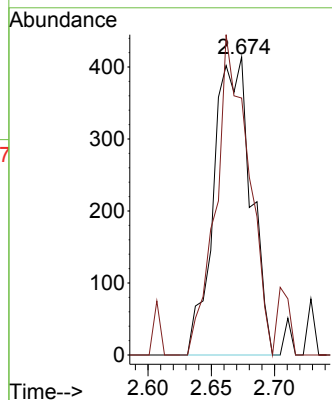
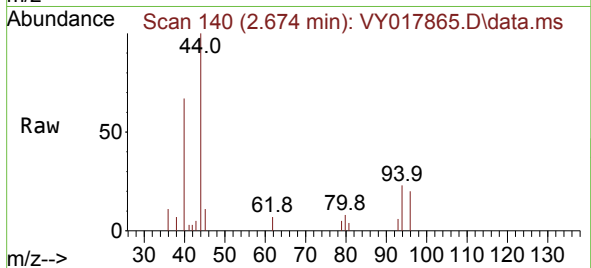




#5
Bromomethane
Concen: 8.123 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.024 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

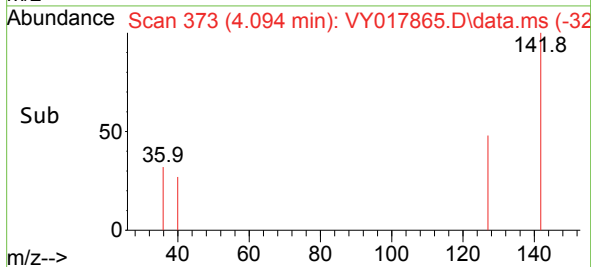
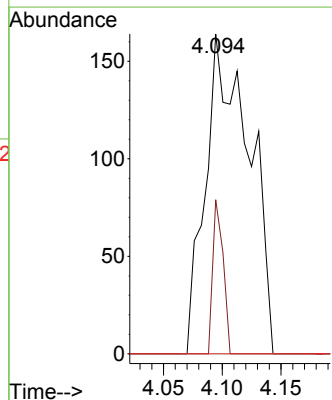
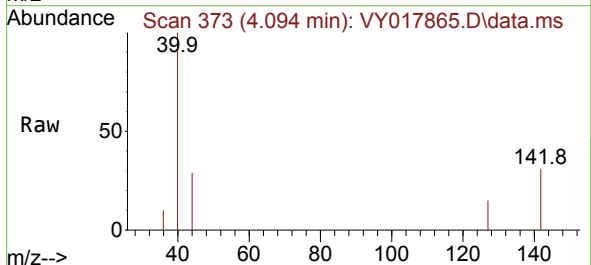
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2RE

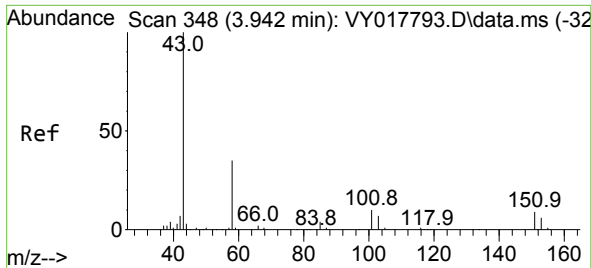
Tgt Ion: 94 Resp: 848
Ion Ratio Lower Upper
94 100
96 86.2 74.1 111.1



#10
Methyl Iodide
Concen: 5.151 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

Tgt Ion: 142 Resp: 423
Ion Ratio Lower Upper
142 100
127 11.3 32.8 49.2#
141 0.0 11.4 17.2#

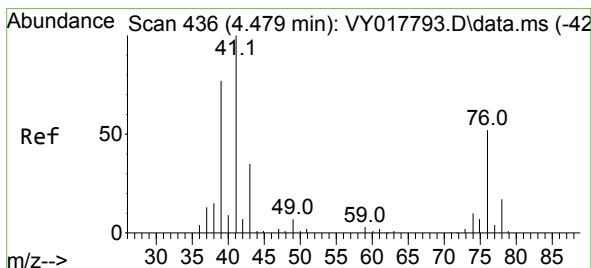
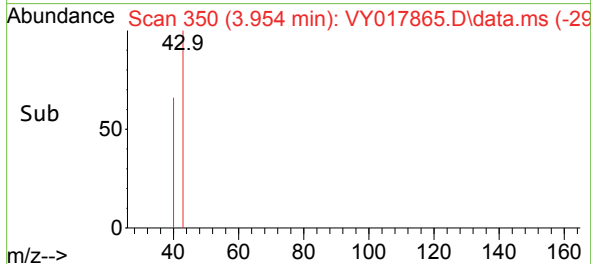
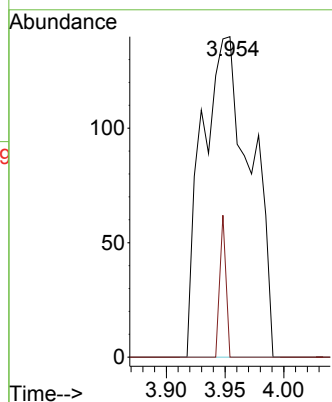
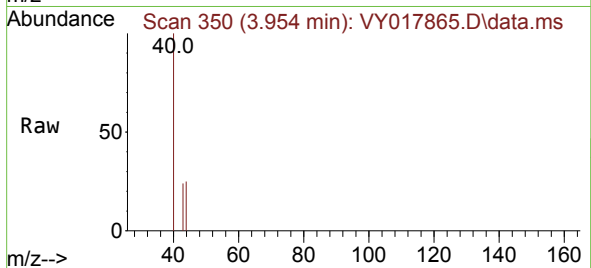




#16
Acetone
Concen: 29.692 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

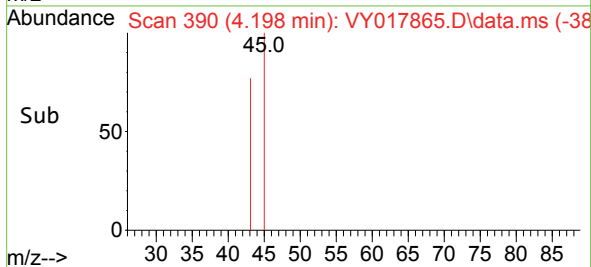
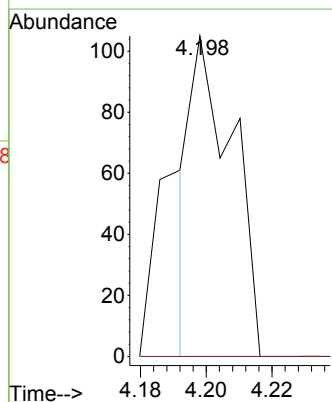
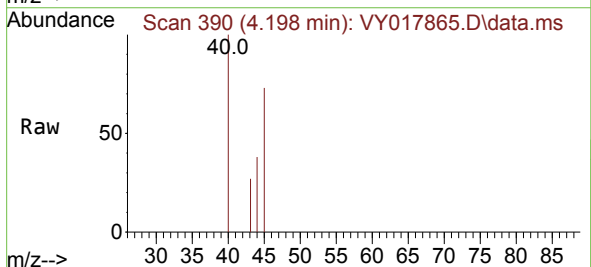
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2RE

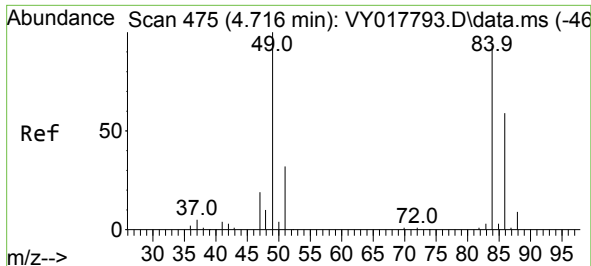
Tgt Ion: 43 Resp: 402
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#18
Methyl Acetate
Concen: 3.035 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.280 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#

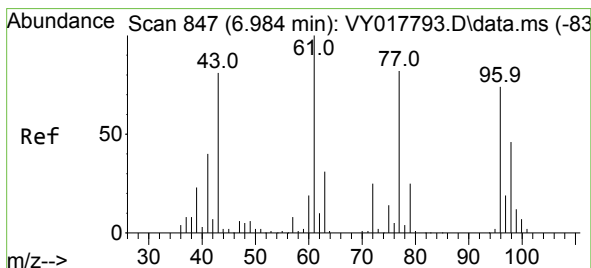
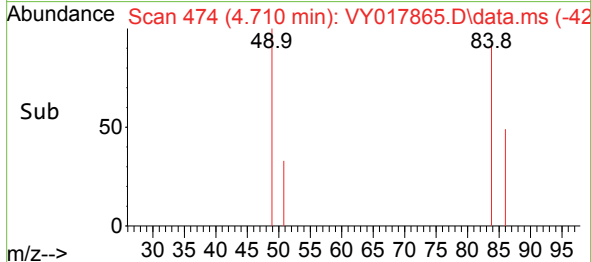
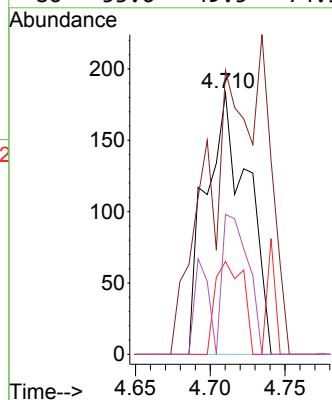
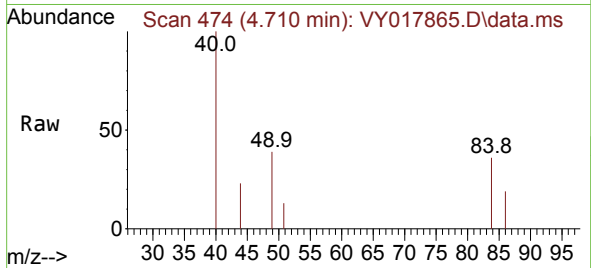




#20
Methylene Chloride
Concen: 1.740 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

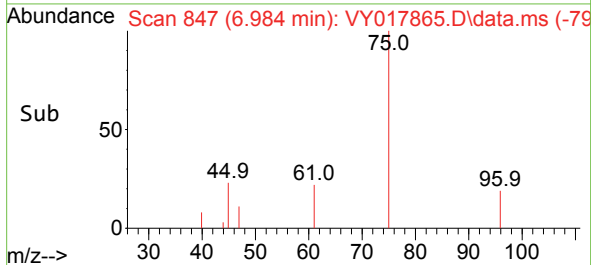
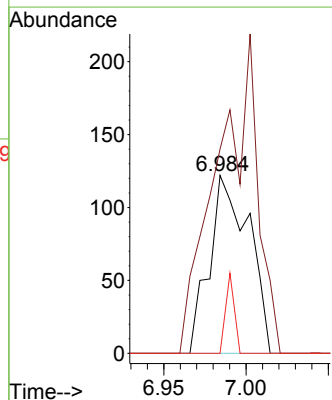
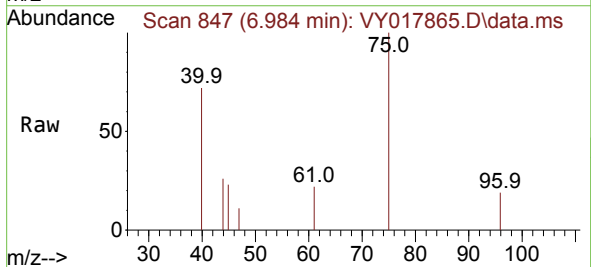
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2RE

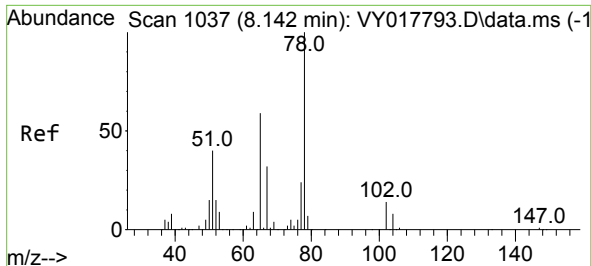
Tgt Ion: 84 Resp: 357
Ion Ratio Lower Upper
84 100
49 80.9 84.4 126.6#
51 35.5 26.0 39.0
86 53.6 49.5 74.3



#27
cis-1,2-Dichloroethene
Concen: 2.294 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

Tgt Ion: 96 Resp: 205
Ion Ratio Lower Upper
96 100
61 181.0 0.0 256.2
98 9.8 0.0 130.0





#33

1,2-Dichloroethane-d4

Concen: 41.391 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017865.D

Acq: 05 Apr 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

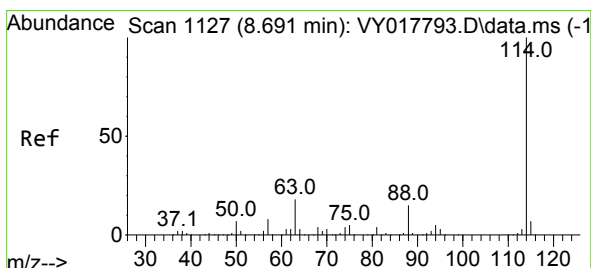
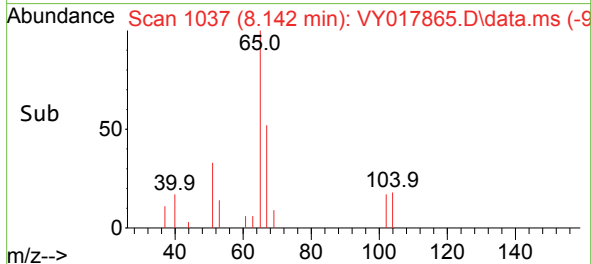
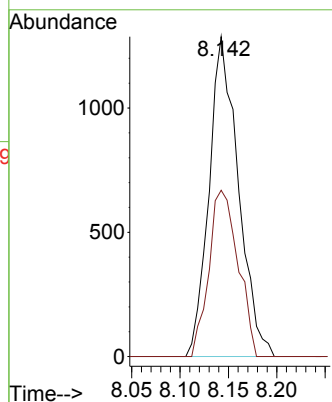
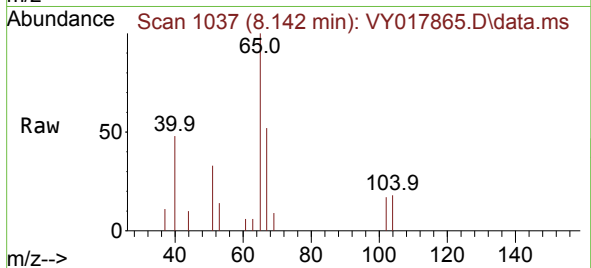
SOIL-2RE

Tgt Ion: 65 Resp: 2711

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017865.D

Acq: 05 Apr 2024 12:56

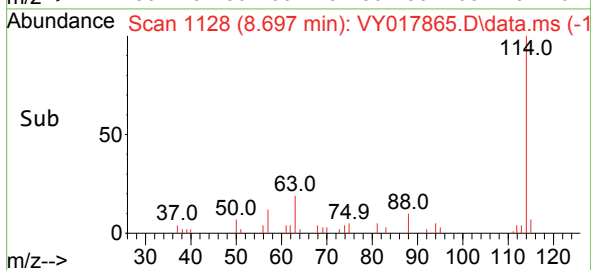
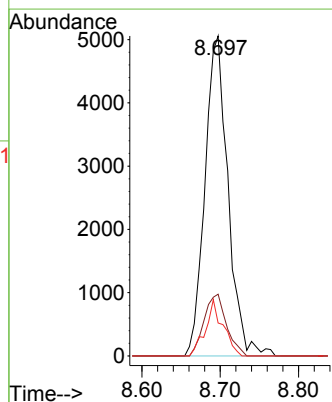
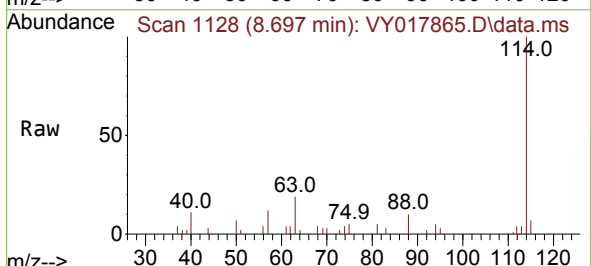
Tgt Ion: 114 Resp: 10345

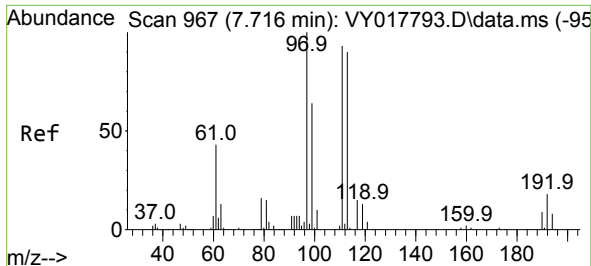
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 10.3 0.0 27.2

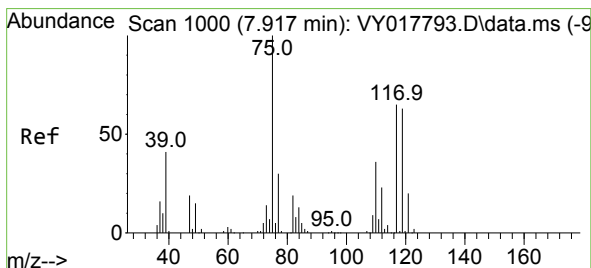
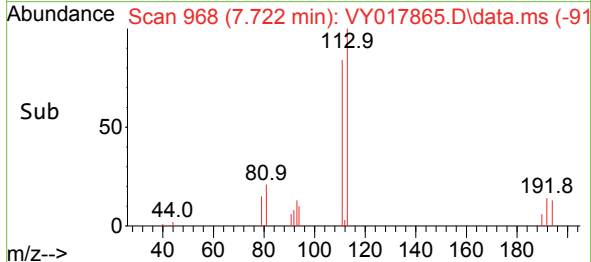
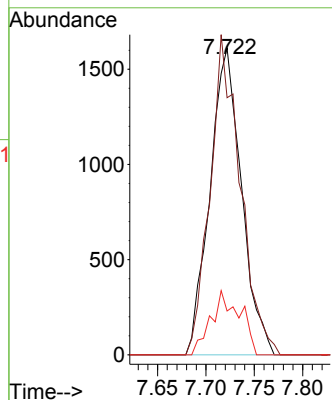
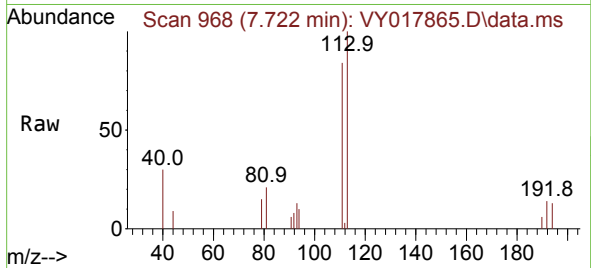




#35
Dibromofluoromethane
Concen: 61.277 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

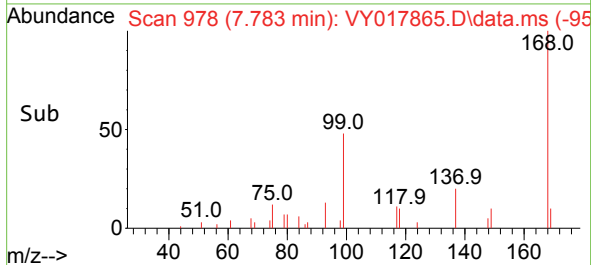
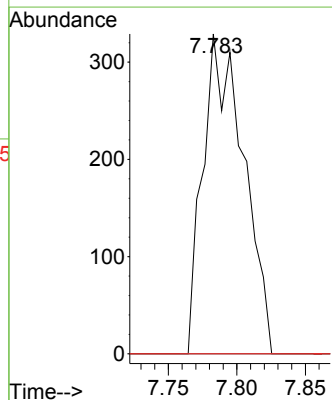
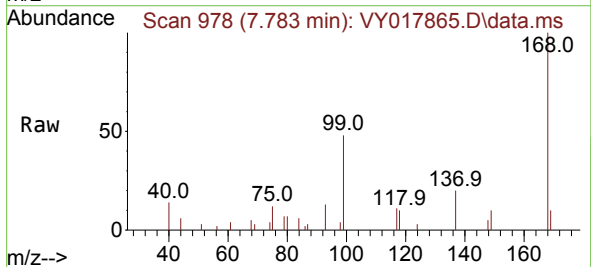
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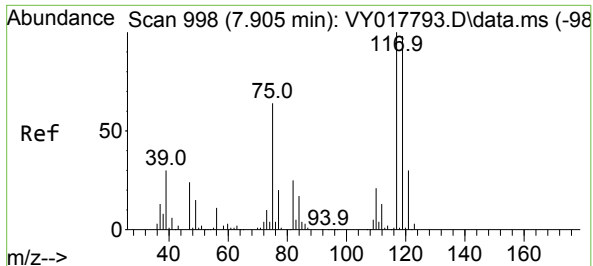
Tgt Ion:113 Resp: 3663
Ion Ratio Lower Upper
113 100
111 99.2 82.2 123.4
192 19.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 7.762 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

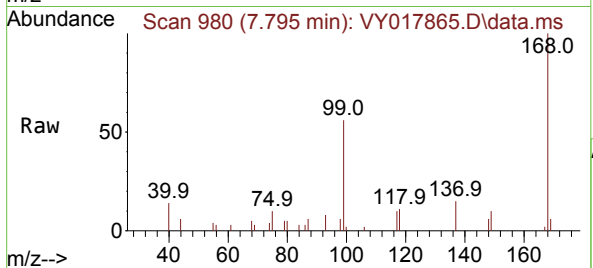
Tgt Ion: 75 Resp: 677
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



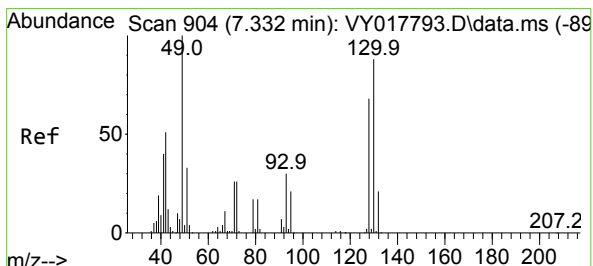
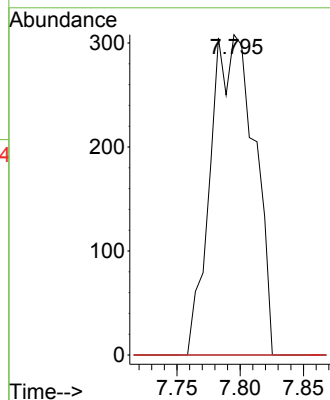
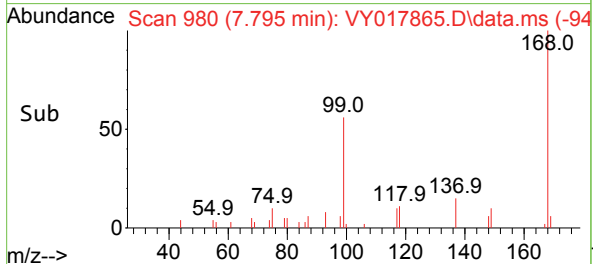


#38
Carbon Tetrachloride
Concen: 8.206 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2RE

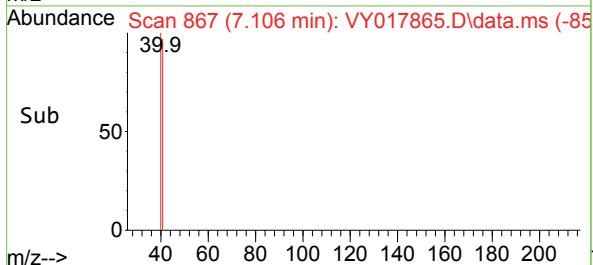
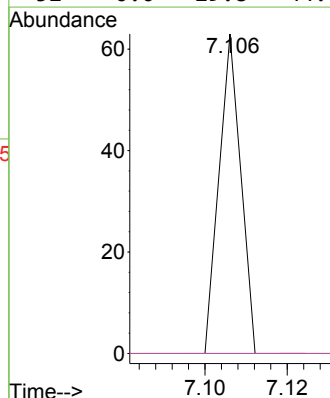
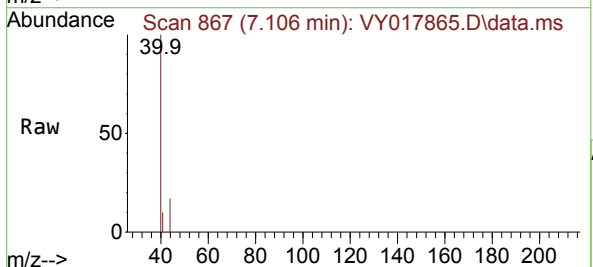


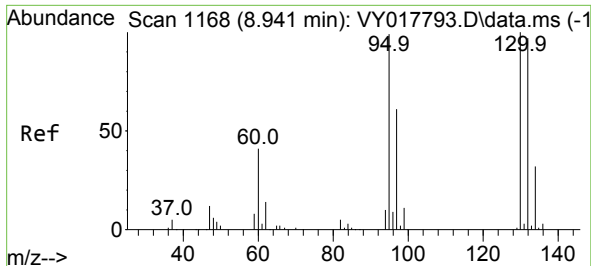
Tgt Ion: 117 Resp: 743
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#41
Methacrylonitrile
Concen: 1.033 ug/l
RT: 7.106 min Scan# 867
Delta R.T. -0.226 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

Tgt Ion: 41 Resp: 23
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#

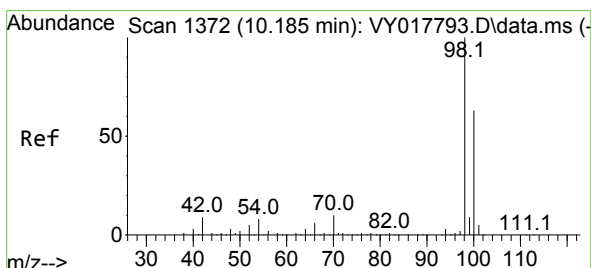
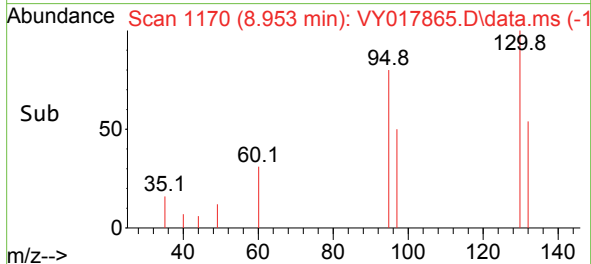
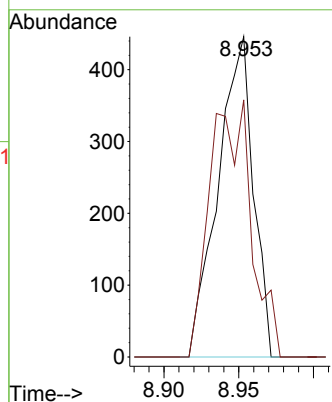
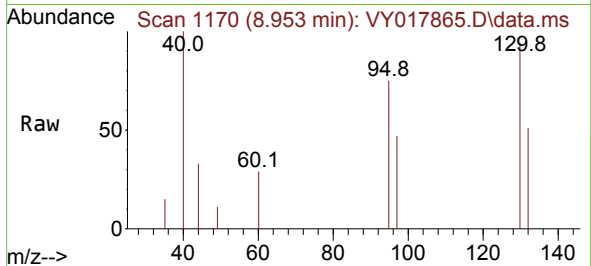




#44
Trichloroethene
Concen: 10.424 ug/l
RT: 8.953 min Scan# 1168
Delta R.T. 0.012 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

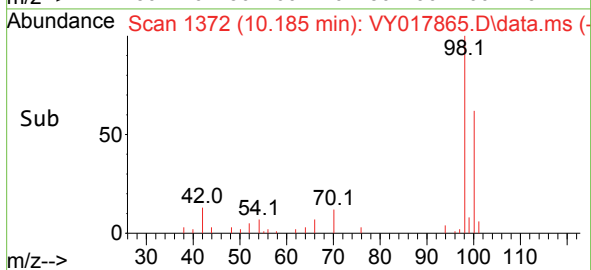
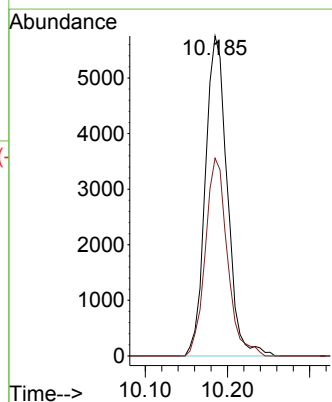
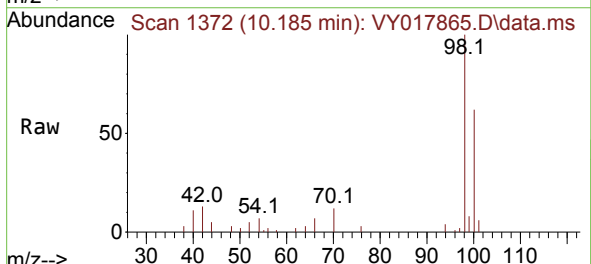
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2RE

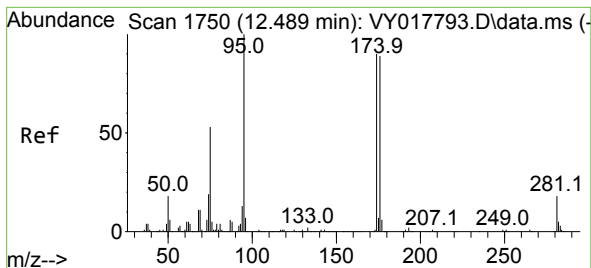
Tgt Ion:130 Resp: 729
Ion Ratio Lower Upper
130 100
95 80.3 0.0 188.0



#50
Toluene-d8
Concen: 47.578 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

Tgt Ion: 98 Resp: 10624
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0

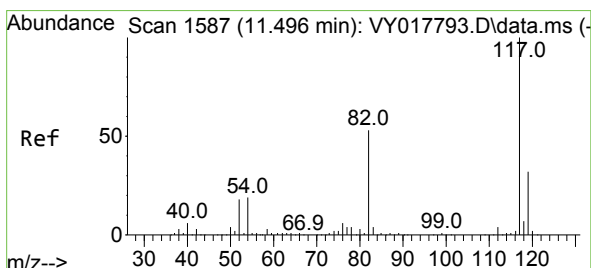
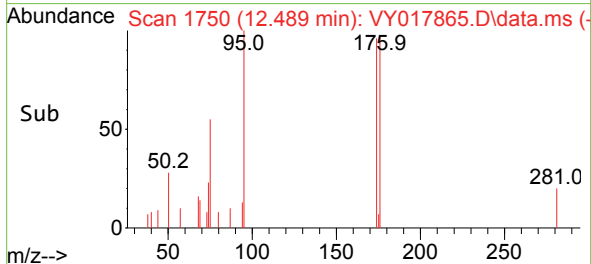
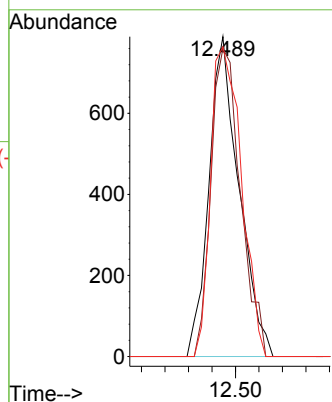
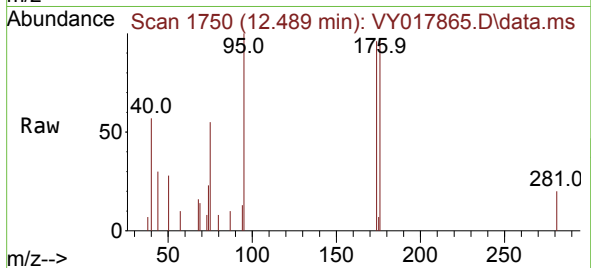




#62
4-Bromofluorobenzene
Concen: 20.681 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

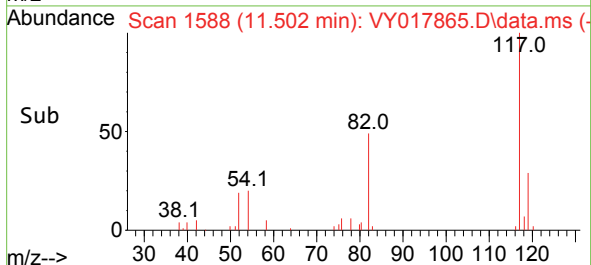
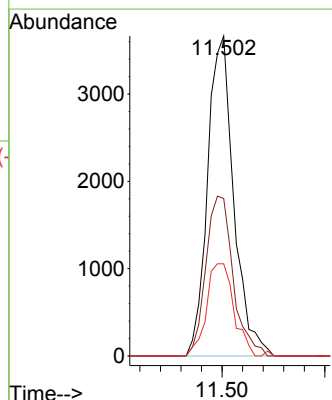
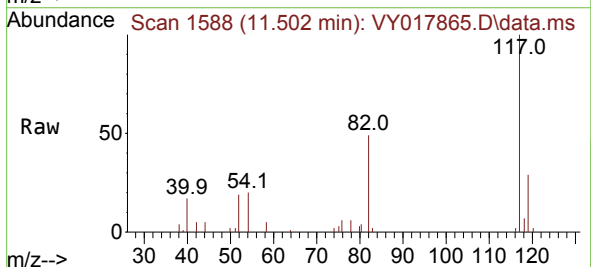
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2RE

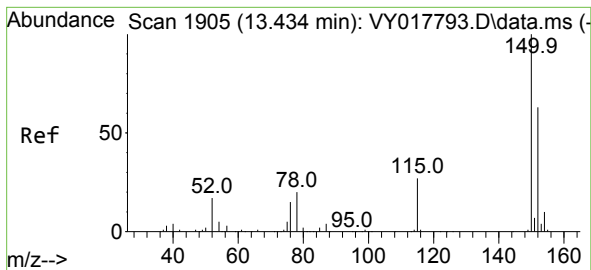
Tgt Ion: 95 Resp: 1405
Ion Ratio Lower Upper
95 100
174 94.1 0.0 175.6
176 98.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

Tgt Ion: 117 Resp: 6481
Ion Ratio Lower Upper
117 100
82 49.2 42.4 63.6
119 28.8 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: VY017865.D

Acq: 05 Apr 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-2RE

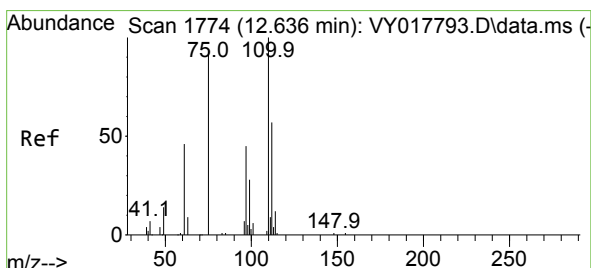
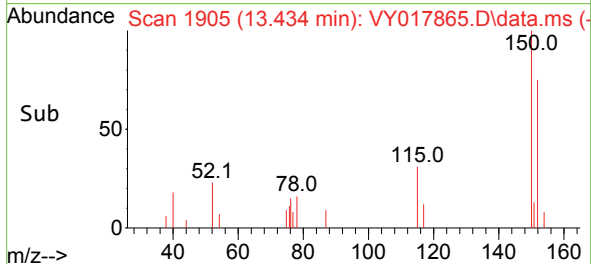
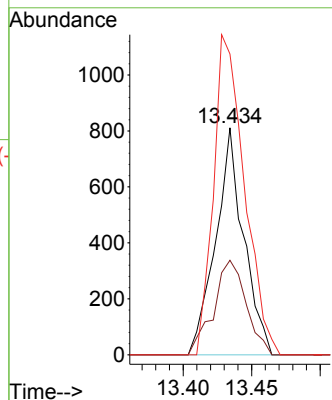
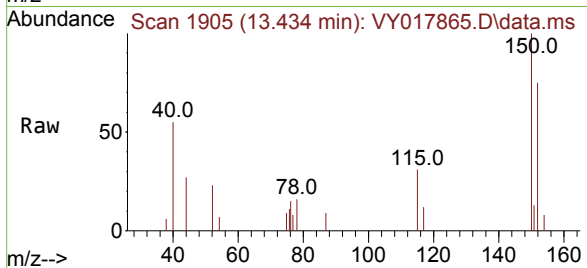
Tgt Ion:152 Resp: 1151

Ion Ratio Lower Upper

152 100

115 48.5 28.2 84.7

150 155.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 76.369 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017865.D

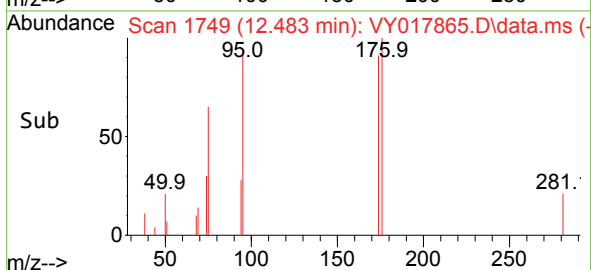
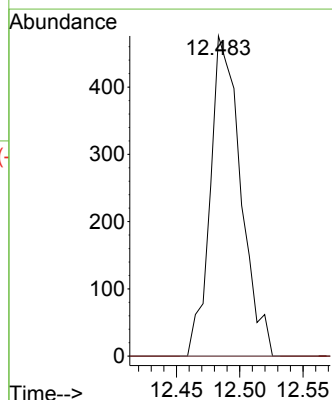
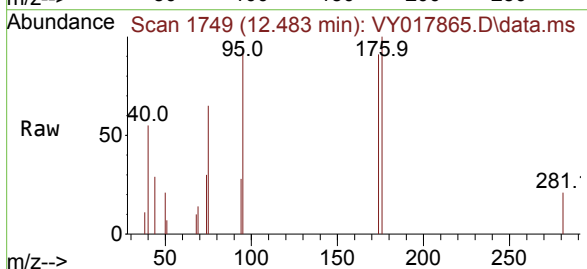
Acq: 05 Apr 2024 12:56

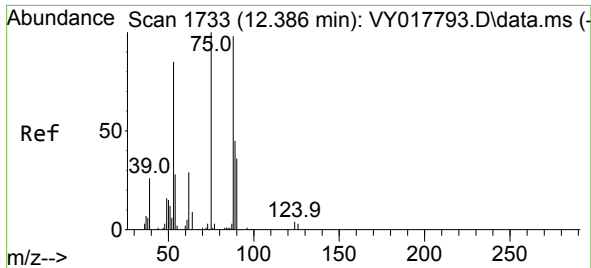
Tgt Ion: 75 Resp: 801

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.944 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY017865.D
 Acq: 05 Apr 2024 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2RE

Tgt Ion: 75 Resp: 801
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

