

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017854.D
 Acq On : 04 Apr 2024 15:08
 Operator : SY/MD
 Sample : P1974-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-3RE

Quant Time: Apr 05 00:48:04 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)

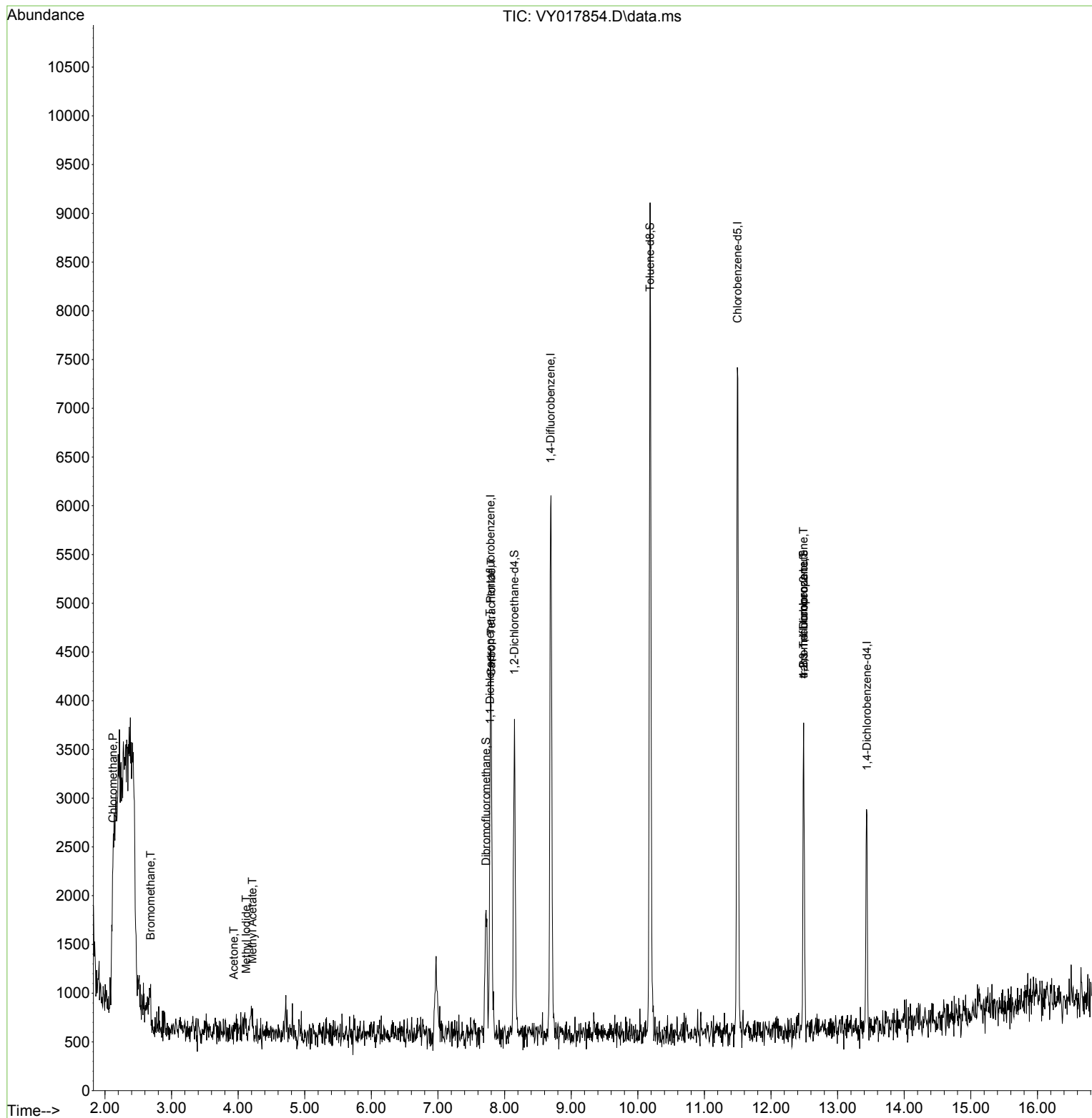
Internal Standards						
1) Pentafluorobenzene	7.789	168	3563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2411	78.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.400%
35) Dibromofluoromethane	7.722	113	1285	40.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.200%
50) Toluene-d8	10.185	98	6224	51.992	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.980%
62) 4-Bromofluorobenzene	12.489	95	969	26.605	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.200%
Target Compounds						Qvalue
3) Chloromethane	2.119	50	81	1.742	ug/l #	43
5) Bromomethane	2.686	94	176	3.581	ug/l #	62
10) Methyl Iodide	4.119	142	146	3.777	ug/l #	42
16) Acetone	3.936	43	71	11.140	ug/l #	36
18) Methyl Acetate	4.216	43	84	5.951	ug/l #	46
20) Methylene Chloride	4.710	84	87	Below Cal	#	58
36) 1,1-Dichloropropene	7.783	75	294	6.288	ug/l #	40
38) Carbon Tetrachloride	7.801	117	358	7.375	ug/l #	13
76) 1,2,3-Trichloropropane	12.489	75	576	86.946	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	576	150.444	ug/l #	16

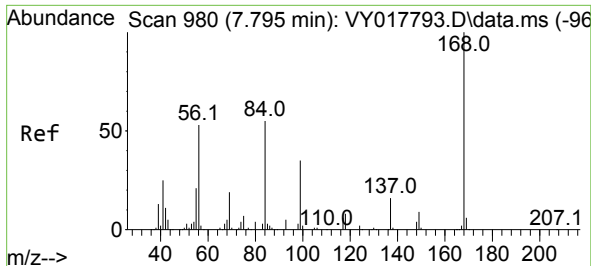
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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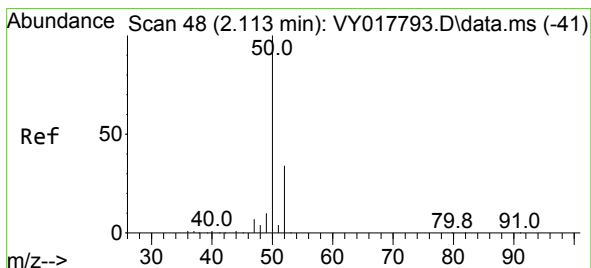
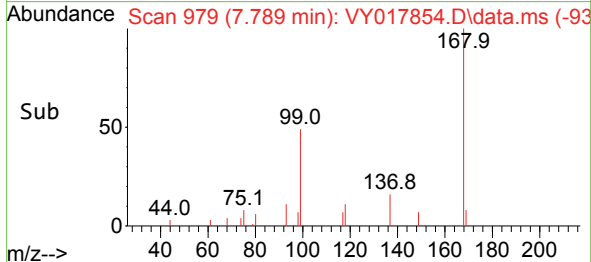
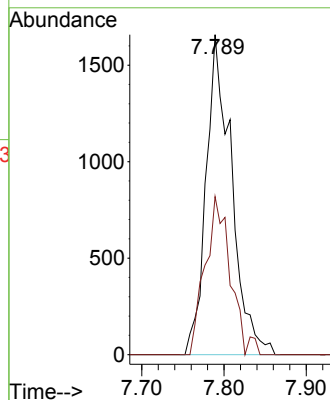
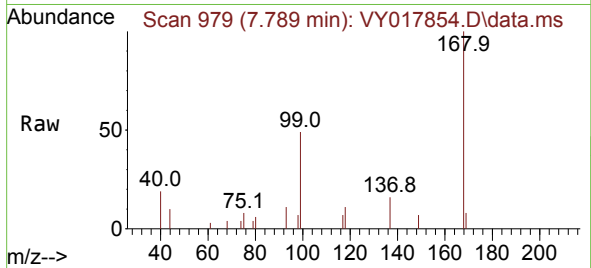




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

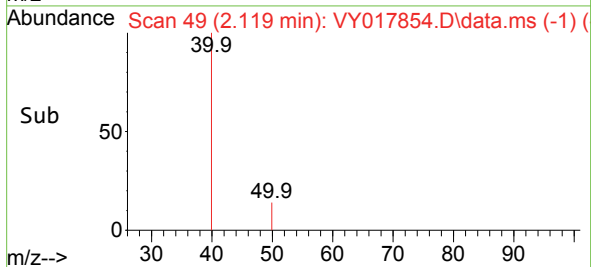
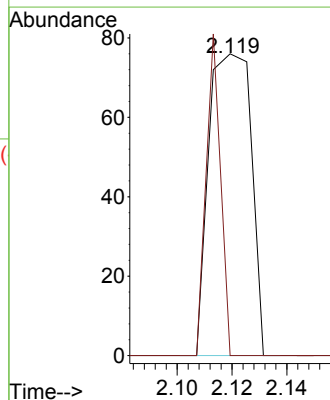
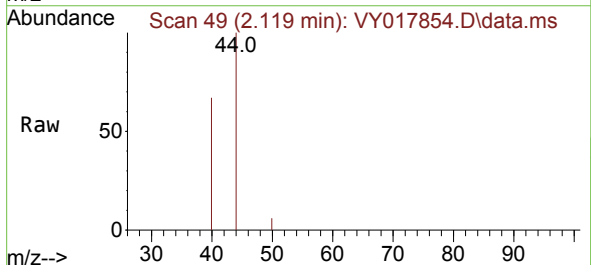
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3RE

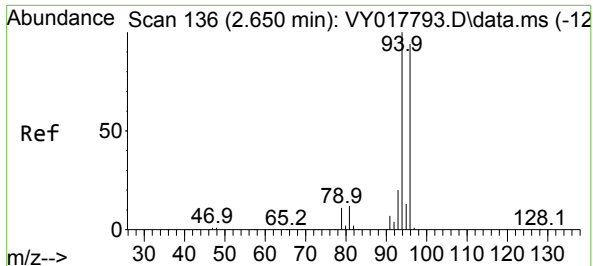
Tgt Ion:168 Resp: 3563
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#3
Chloromethane
Concen: 1.742 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

Tgt Ion: 50 Resp: 81
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

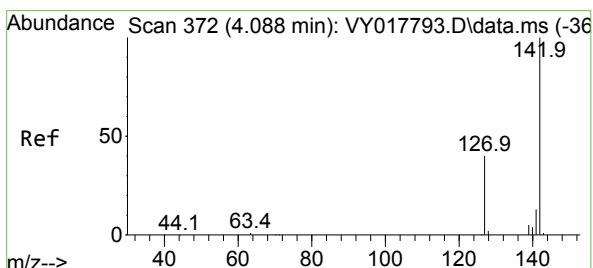
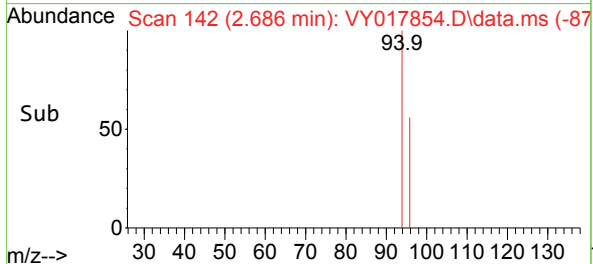
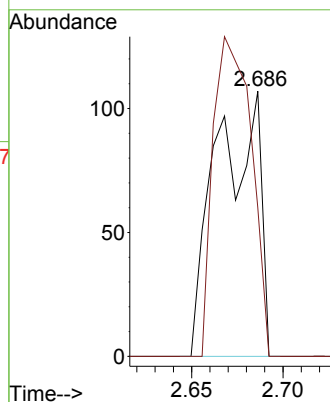
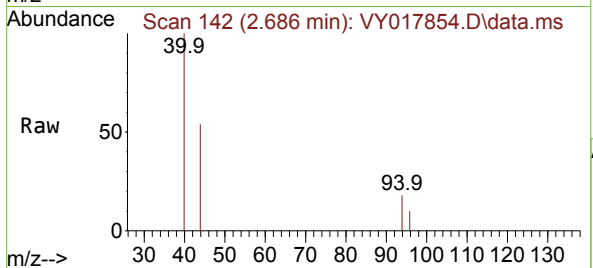




#5
Bromomethane
Concen: 3.581 ug/l
RT: 2.686 min Scan# 14
Delta R.T. 0.037 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

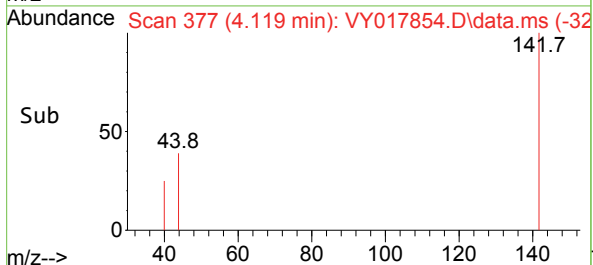
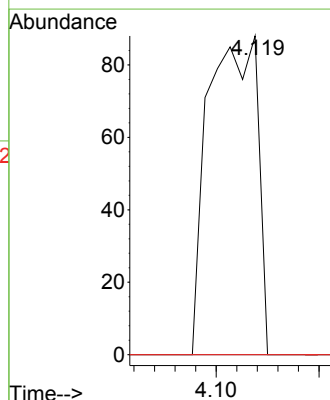
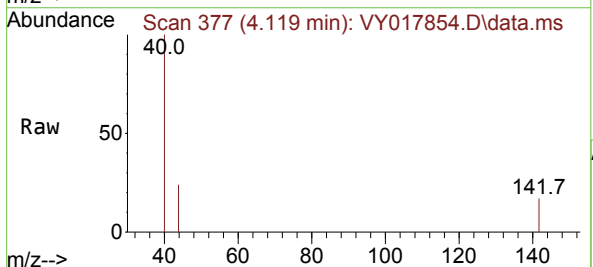
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3RE

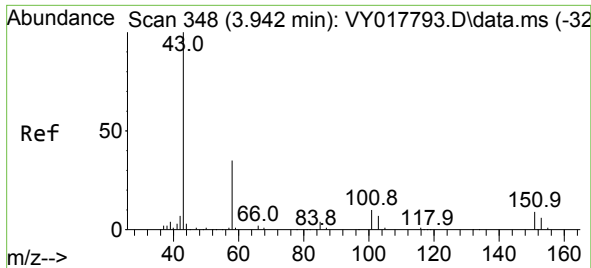
Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 56.1 74.1 111.1#



#10
Methyl Iodide
Concen: 3.777 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.031 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

Tgt Ion:142 Resp: 146
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#

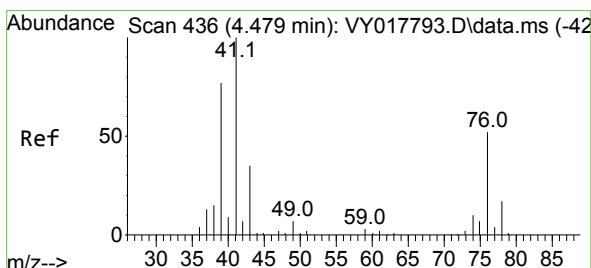
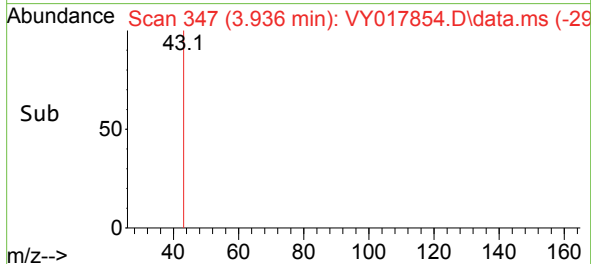
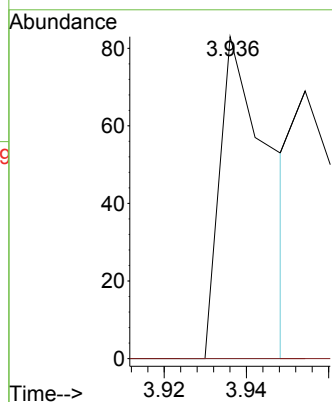
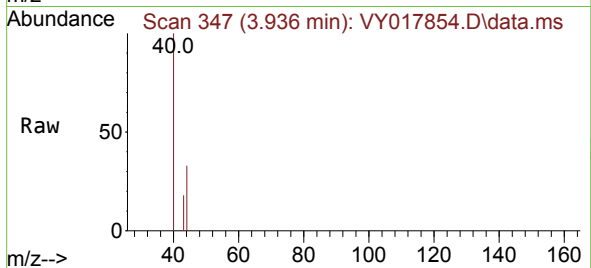




#16
Acetone
Concen: 11.140 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

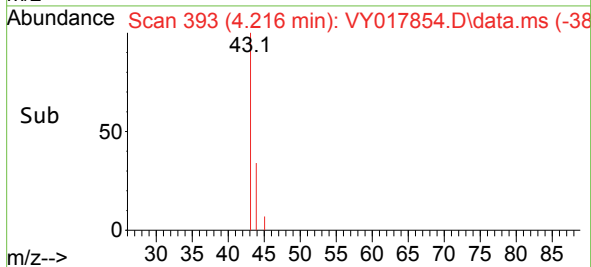
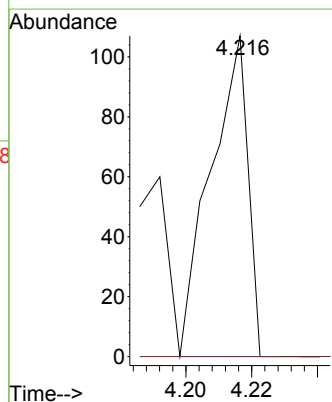
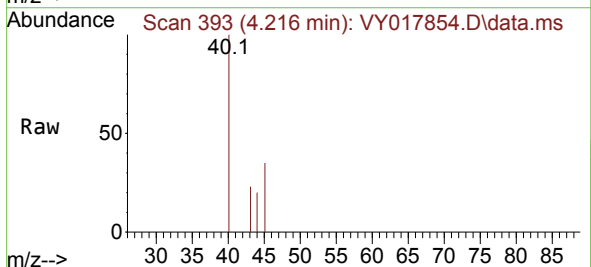
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3RE

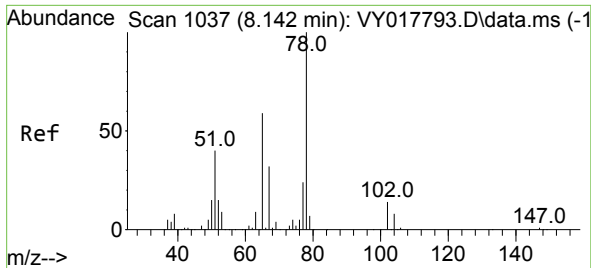
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#18
Methyl Acetate
Concen: 5.951 ug/l
RT: 4.216 min Scan# 393
Delta R.T. -0.262 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#

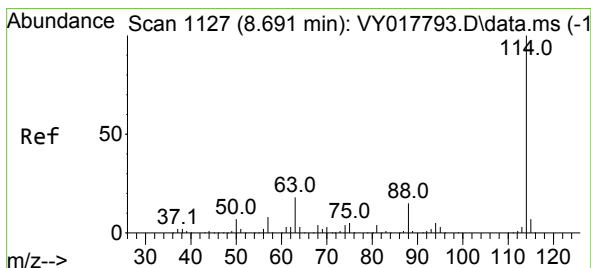
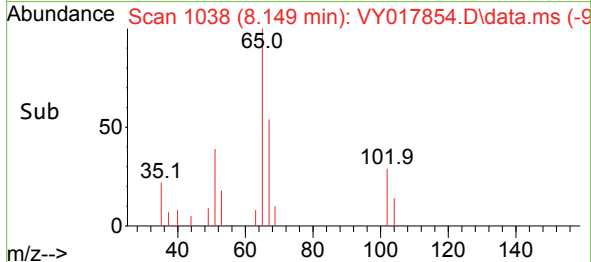
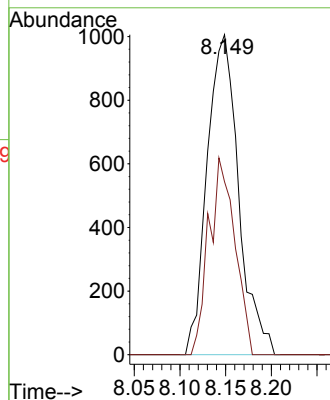
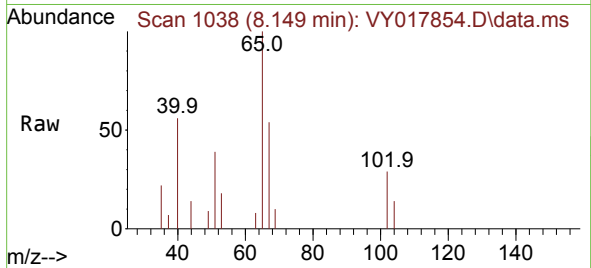




#33
 1,2-Dichloroethane-d4
 Concen: 78.198 ug/l
 RT: 8.149 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY017854.D
 Acq: 04 Apr 2024 15:08

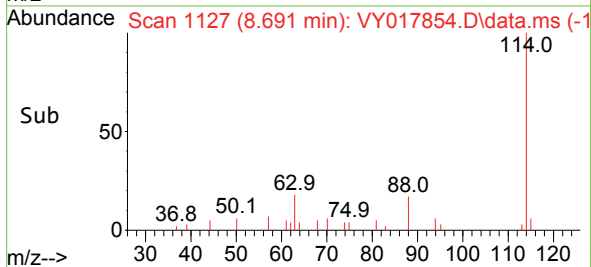
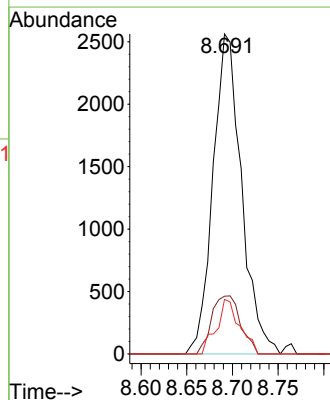
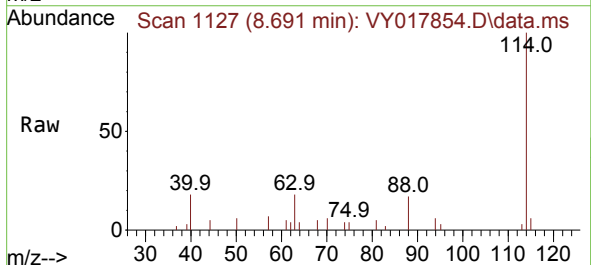
Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-3RE

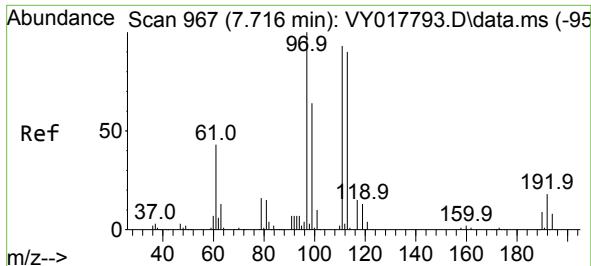
Tgt Ion: 65 Resp: 2411
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY017854.D
 Acq: 04 Apr 2024 15:08

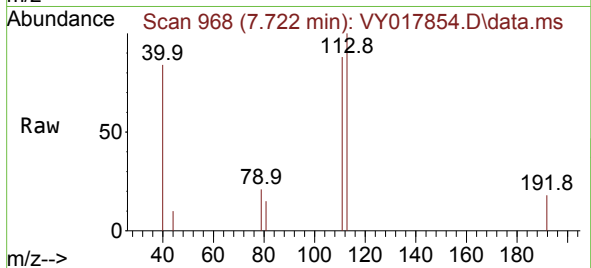
Tgt Ion: 114 Resp: 5546
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.0
 88 17.1 0.0 27.2



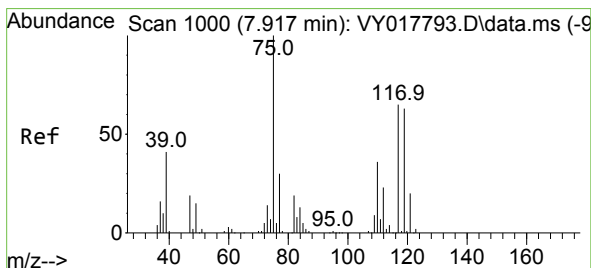
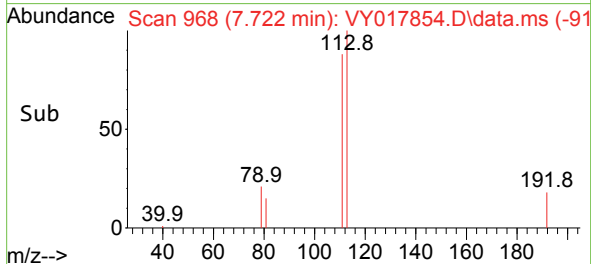
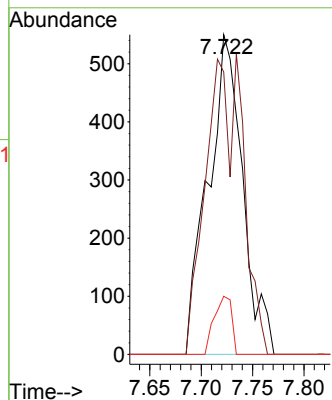


#35
Dibromofluoromethane
Concen: 40.097 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3RE

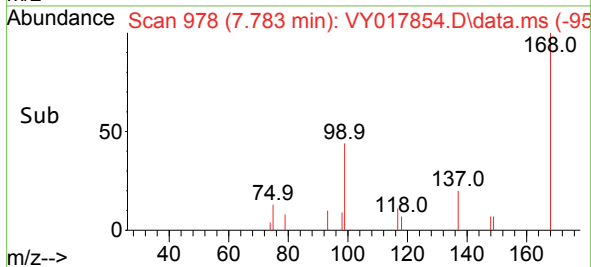
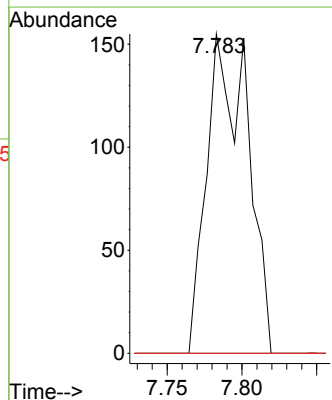
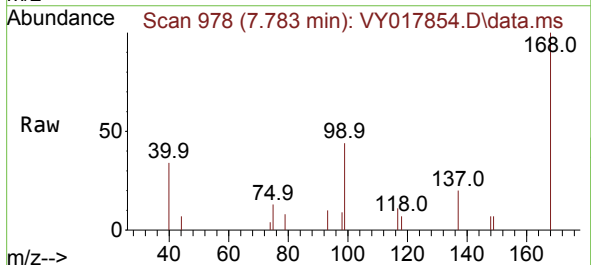


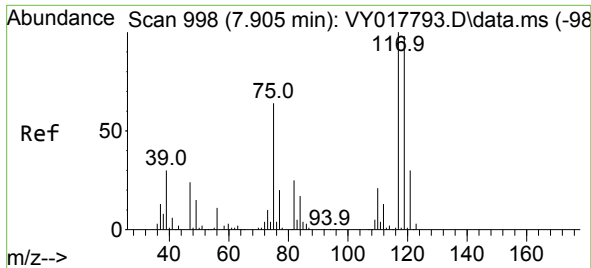
Tgt Ion:113 Resp: 1285
Ion Ratio Lower Upper
113 100
111 65.6 82.2 123.4#
192 9.2 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 6.288 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

Tgt Ion: 75 Resp: 294
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#

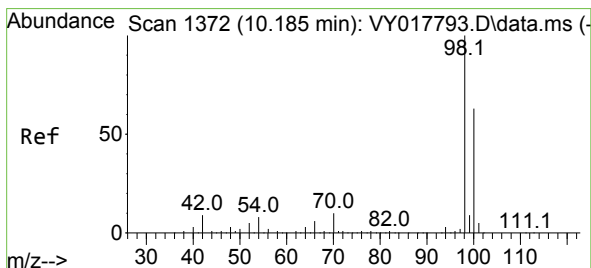
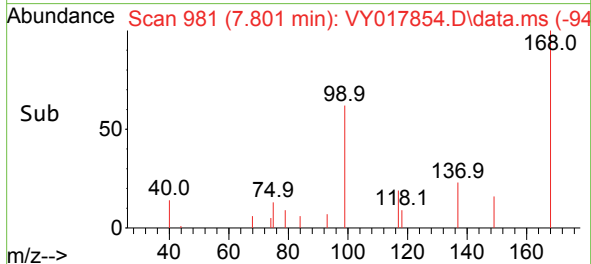
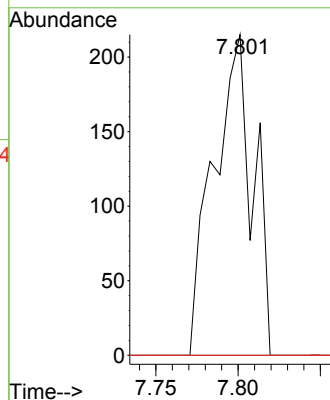
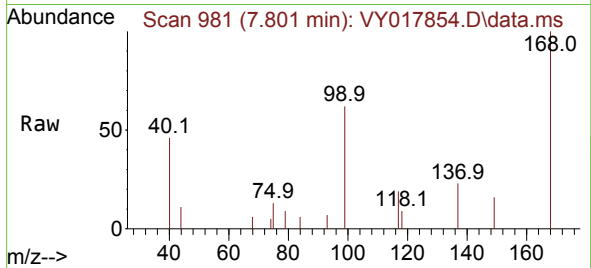




#38
Carbon Tetrachloride
Concen: 7.375 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

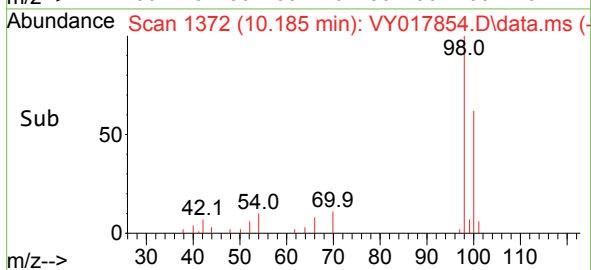
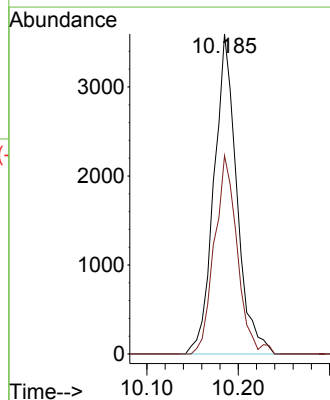
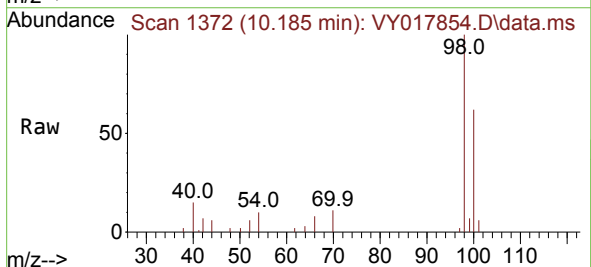
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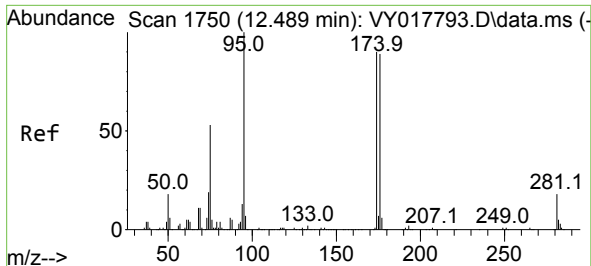
Tgt Ion:117 Resp: 358
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 51.992 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

Tgt Ion: 98 Resp: 6224
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0

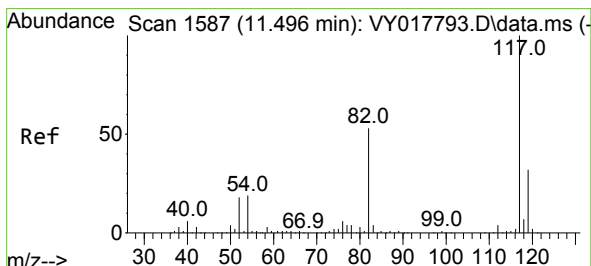
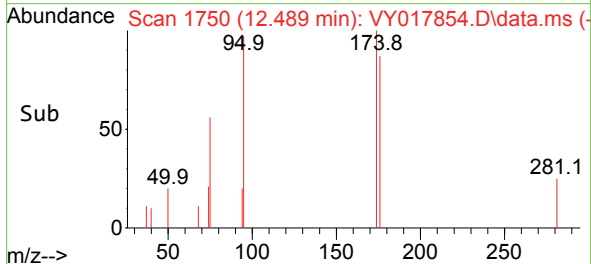
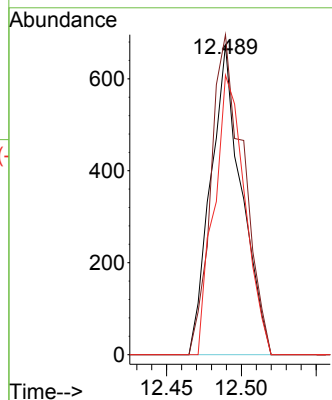
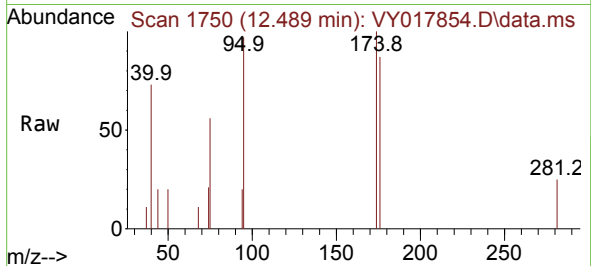




#62
4-Bromofluorobenzene
Concen: 26.605 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

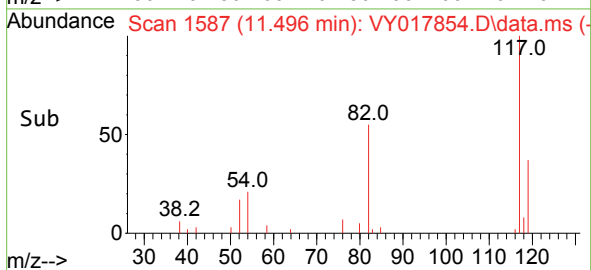
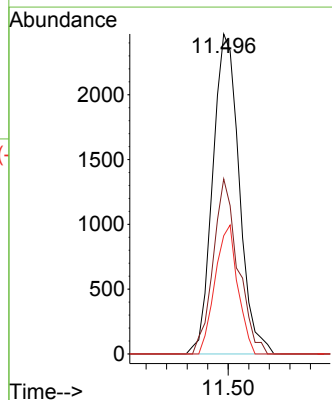
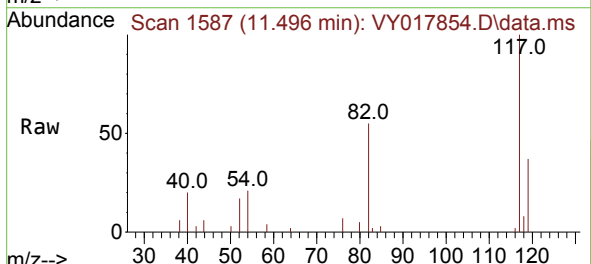
Instrument :
MSVOA_Y
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SOIL-3RE

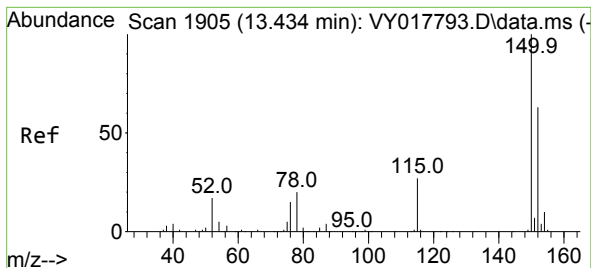
Tgt Ion:	95	Resp:	969
Ion	Ratio	Lower	Upper
95	100		
174	108.4	0.0	175.6
176	89.6	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

Tgt Ion:	117	Resp:	4403
Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.4	63.6
119	36.9	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017854.D

Acq: 04 Apr 2024 15:08

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-3RE

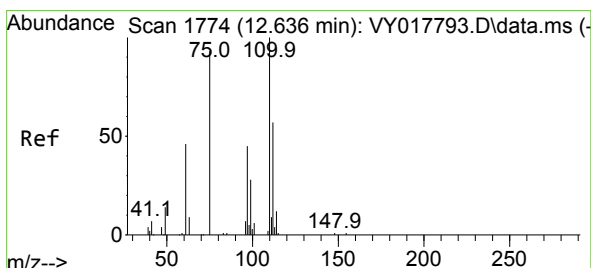
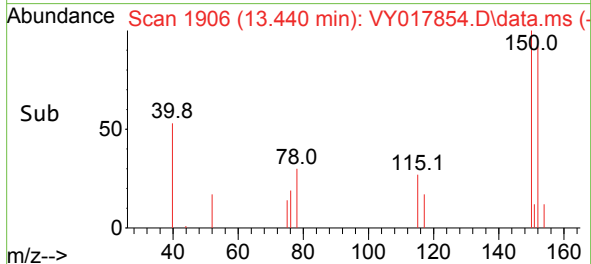
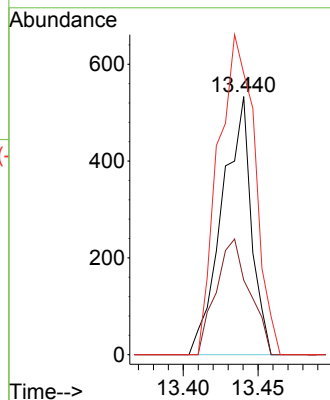
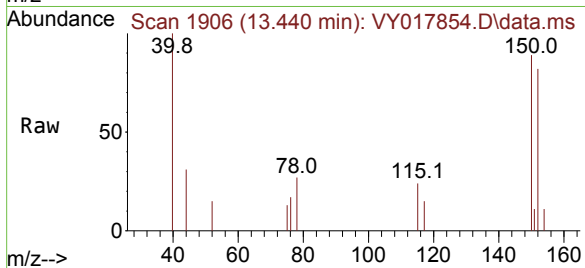
Tgt Ion:152 Resp: 727

Ion Ratio Lower Upper

152 100

115 51.2 28.2 84.7

150 154.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 86.946 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017854.D

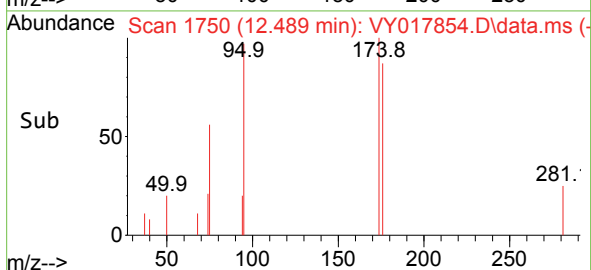
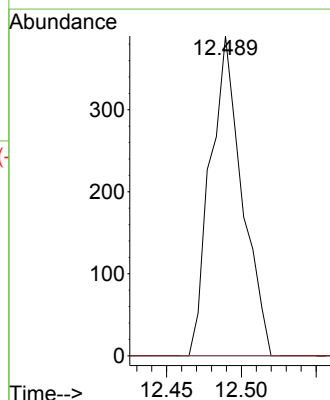
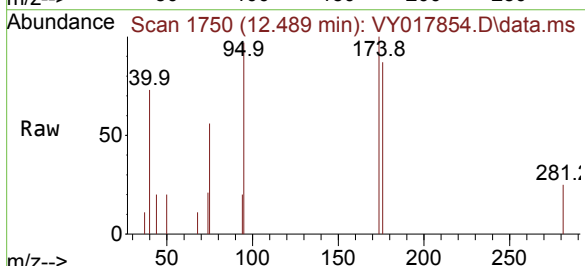
Acq: 04 Apr 2024 15:08

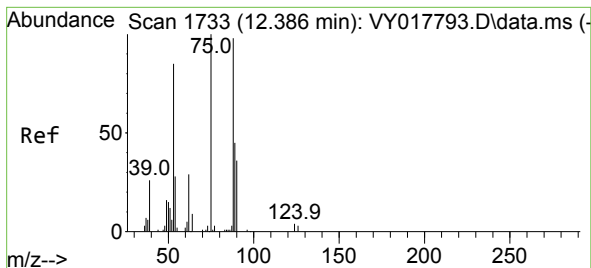
Tgt Ion: 75 Resp: 576

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 150.444 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3RE

Tgt Ion: 75 Resp: 576
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

