

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017847.D
 Acq On : 04 Apr 2024 12:24
 Operator : SY/MD
 Sample : P1974-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2

Quant Time: Apr 05 00:45:35 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)

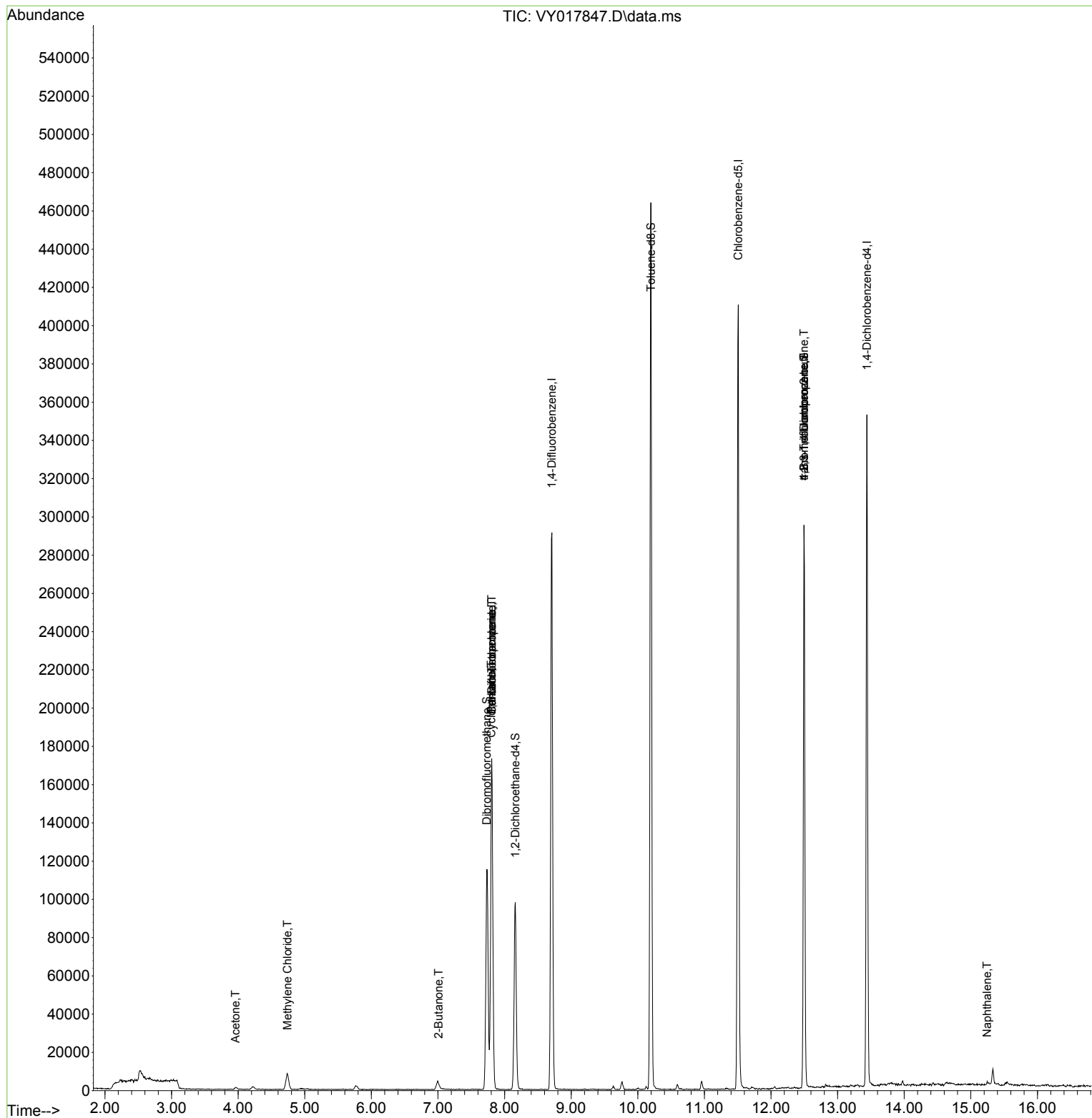
Internal Standards						
1) Pentafluorobenzene	7.807	168	136904	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	257992	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	230381	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	87306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	75703	63.902	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.800%			
35) Dibromofluoromethane	7.734	113	83316	55.887	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.780%			
50) Toluene-d8	10.197	98	299727	53.823	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.640%			
62) 4-Bromofluorobenzene	12.495	95	81564	48.141	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.280%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	498	Below Cal	#	88
16) Acetone	3.960	43	1984	8.102	ug/l #	77
20) Methylene Chloride	4.741	84	6554	1.808	ug/l	94
25) 2-Butanone	7.009	43	430	1.233	ug/l #	41
31) Cyclohexane	7.801	56	2949	1.413	ug/l #	42
36) 1,1-Dichloropropene	7.807	75	10532	4.842	ug/l #	49
38) Carbon Tetrachloride	7.807	117	13061	5.784	ug/l #	16
48) Methyl methacrylate	9.325	41	87	Below Cal	#	17
51) 4-Methyl-2-Pentanone	10.087	43	136	Below Cal	#	31
56) Ethyl methacrylate	10.636	69	23	Below Cal	#	33
59) 2-Hexanone	10.959	43	27	Below Cal	#	19
69) o-Xylene	12.038	106	25	Below Cal	#	1
70) Styrene	12.056	104	298	Below Cal	#	74
74) N-amyl acetate	12.172	43	72	Below Cal	#	15
76) 1,2,3-Trichloropropane	12.495	75	45671	57.406	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	45671	110.733	ug/l #	16
95) Naphthalene	15.245	128	852	1.196	ug/l #	80

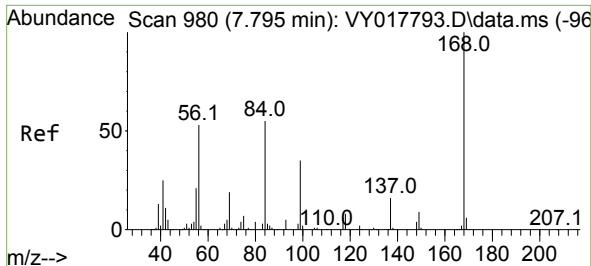
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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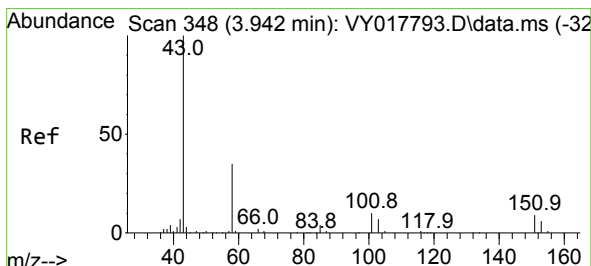
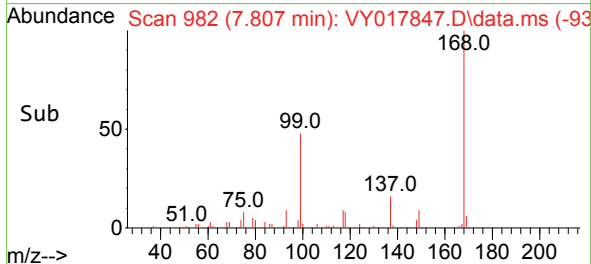
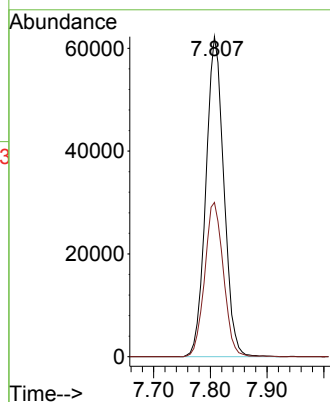
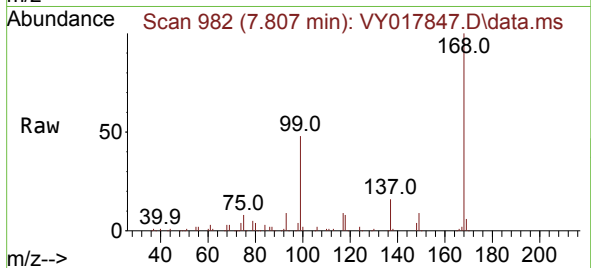




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

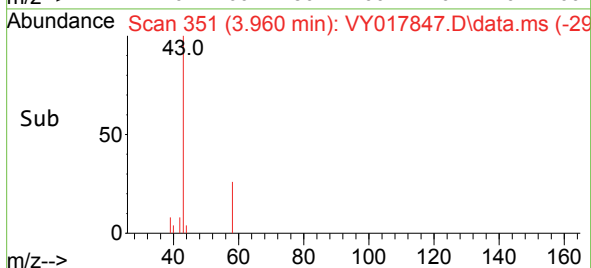
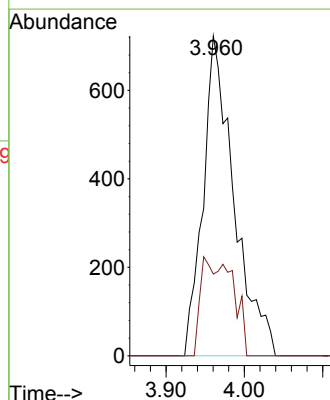
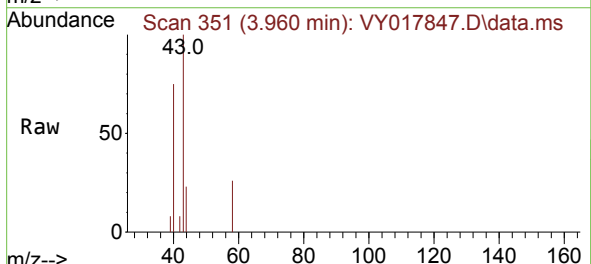
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

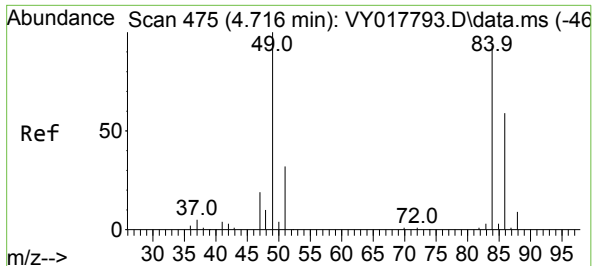
Tgt Ion:168 Resp: 136904
Ion Ratio Lower Upper
168 100
99 48.2 39.1 58.7



#16
Acetone
Concen: 8.102 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

Tgt Ion: 43 Resp: 1984
Ion Ratio Lower Upper
43 100
58 25.6 31.7 47.5#





#20

Methylene Chloride

Concen: 1.808 ug/l

RT: 4.741 min Scan# 41

Delta R.T. 0.025 min

Lab File: VY017847.D

Acq: 04 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-2

Tgt Ion: 84 Resp: 6554

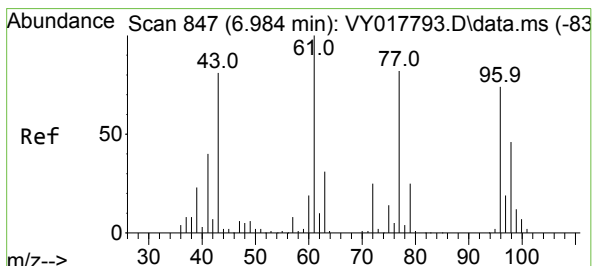
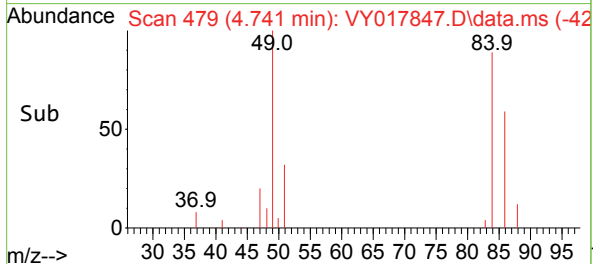
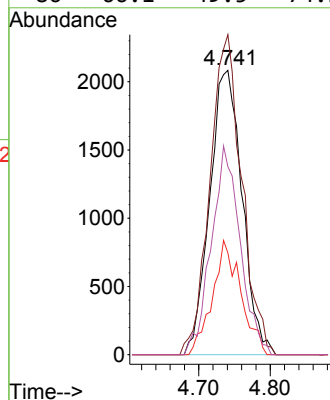
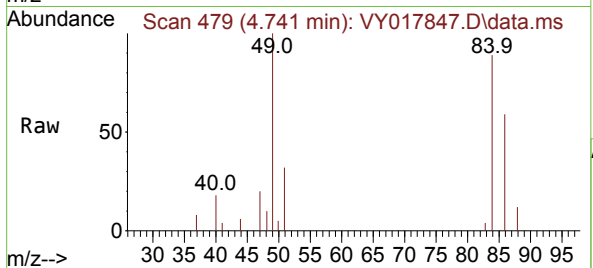
Ion Ratio Lower Upper

84 100

49 112.5 84.4 126.6

51 35.8 26.0 39.0

86 66.1 49.5 74.3



#25

2-Butanone

Concen: 1.233 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.024 min

Lab File: VY017847.D

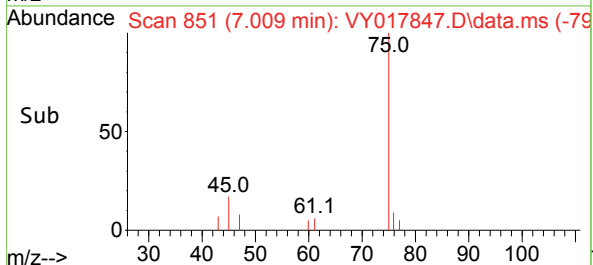
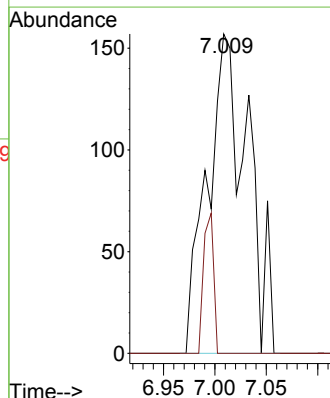
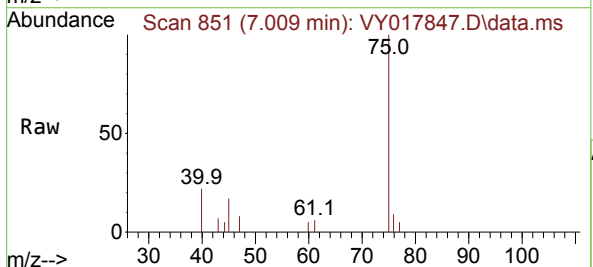
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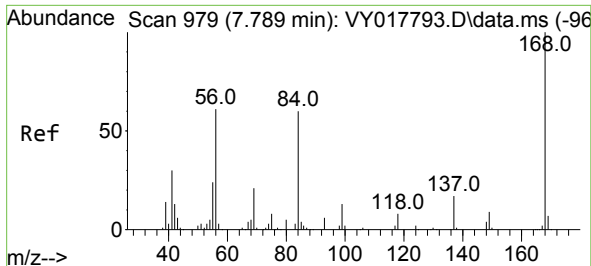
Tgt Ion: 43 Resp: 430

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#

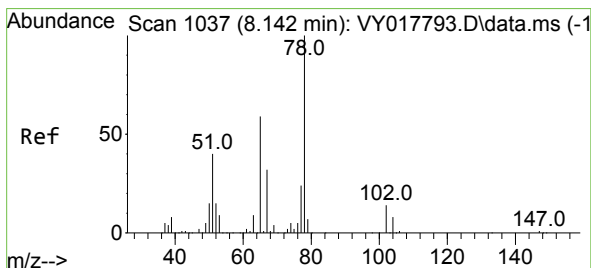
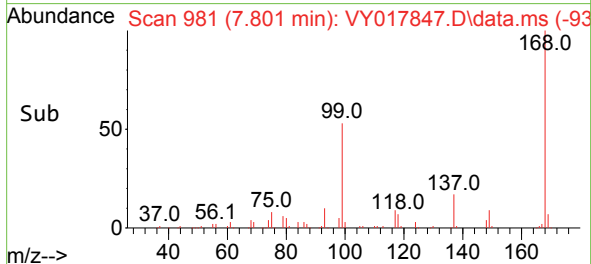
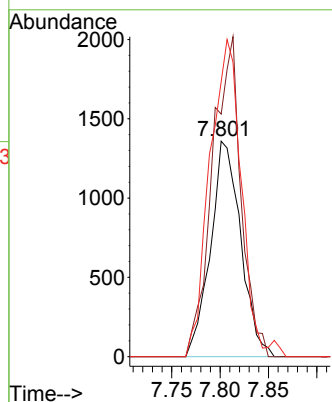
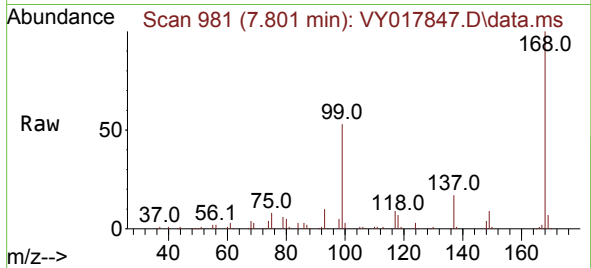




#31
Cyclohexane
Concen: 1.413 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

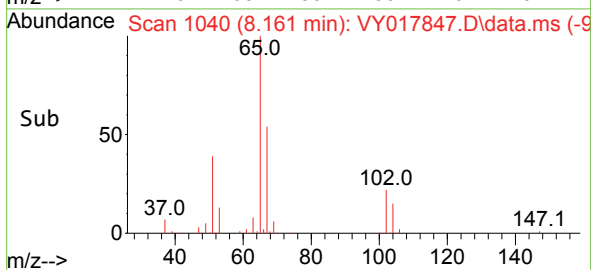
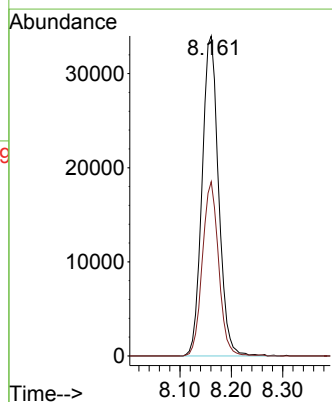
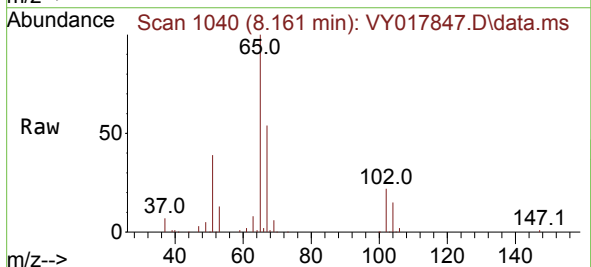
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

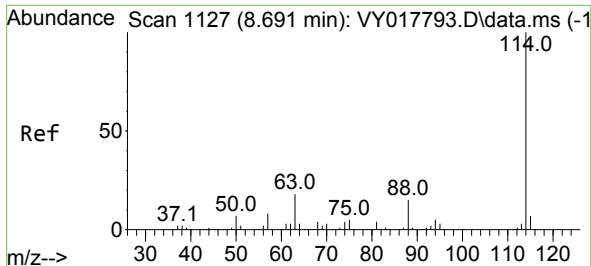
Tgt Ion: 56 Resp: 2949
Ion Ratio Lower Upper
56 100
69 112.6 28.7 43.1#
84 127.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 63.902 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.018 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

Tgt Ion: 65 Resp: 75703
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

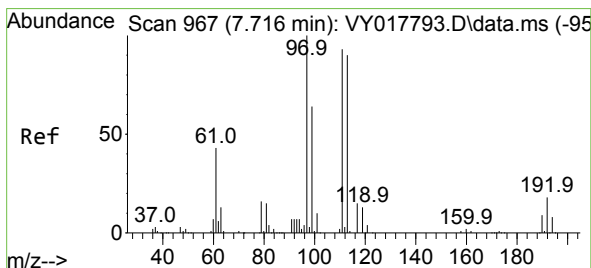
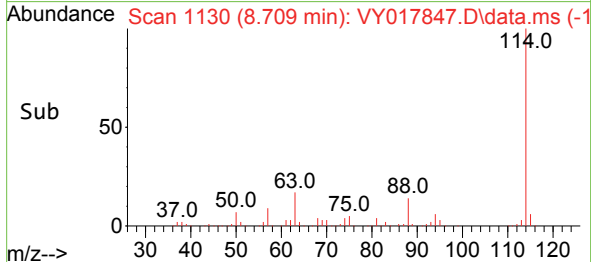
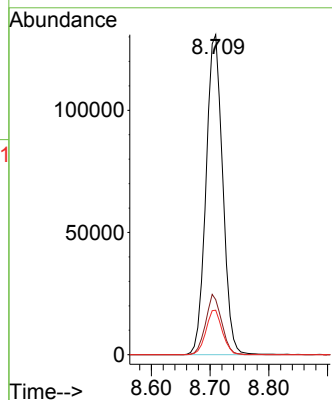
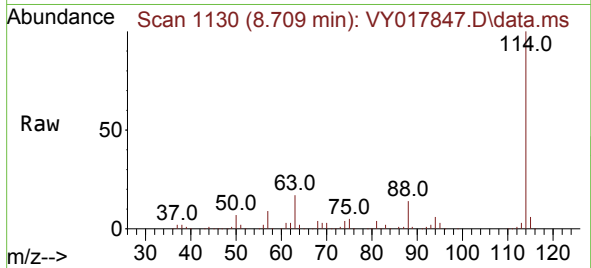




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1127
Delta R.T. 0.018 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

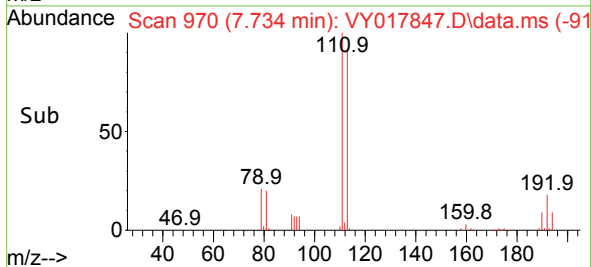
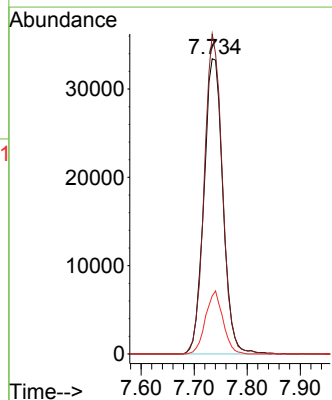
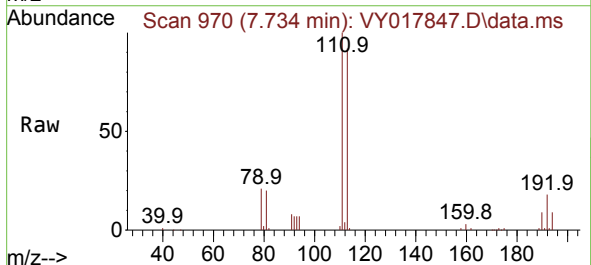
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

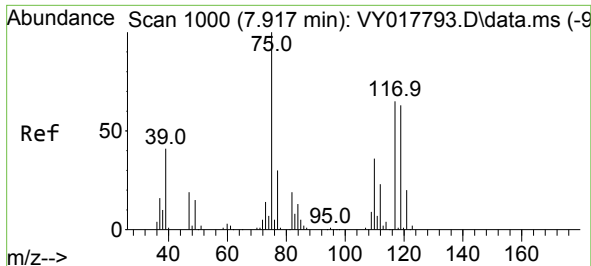
Tgt Ion:114 Resp: 257992
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.887 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

Tgt Ion:113 Resp: 83316
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 19.6 15.9 23.9

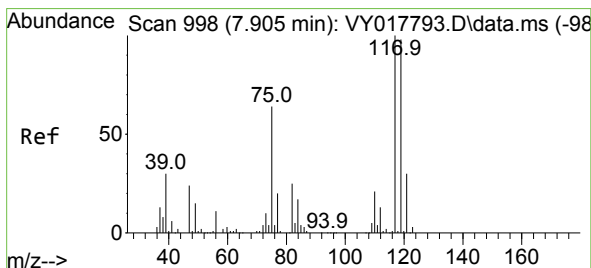
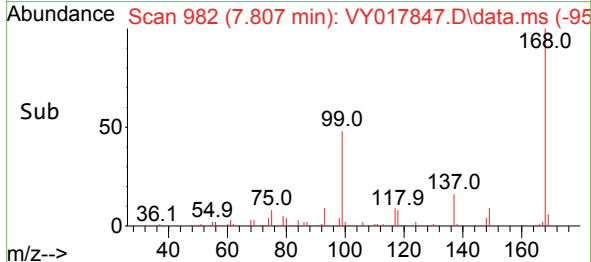
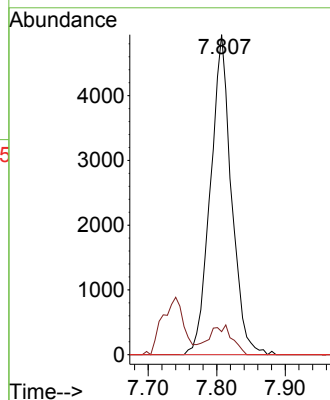
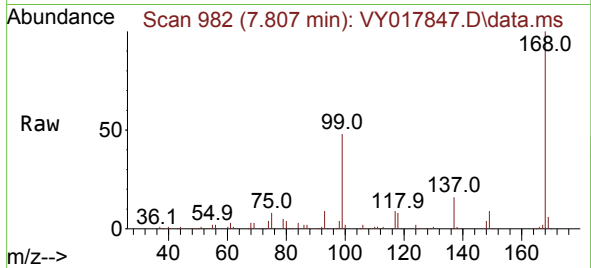




#36
1,1-Dichloropropene
Concen: 4.842 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

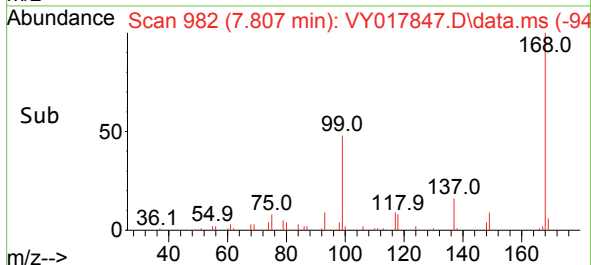
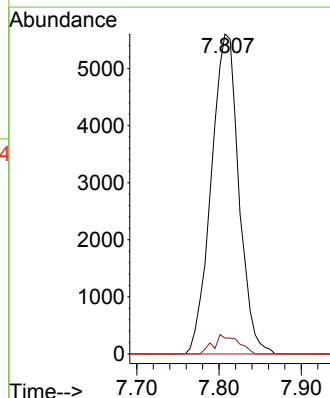
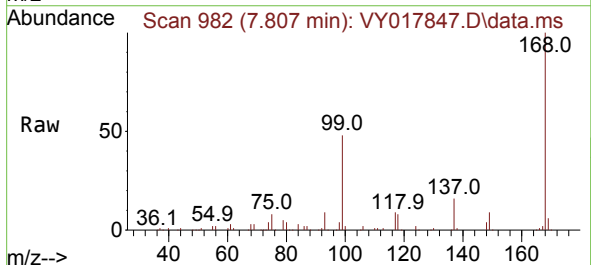
Instrument :
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ClientSampleId :
SOIL-2

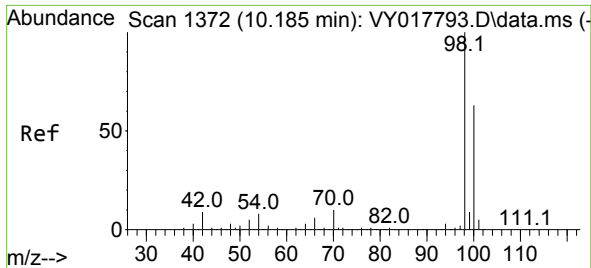
Tgt Ion: 75 Resp: 10532
Ion Ratio Lower Upper
75 100
110 10.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.098 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

Tgt Ion: 117 Resp: 13061
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#

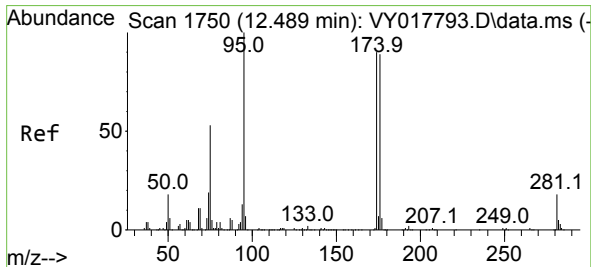
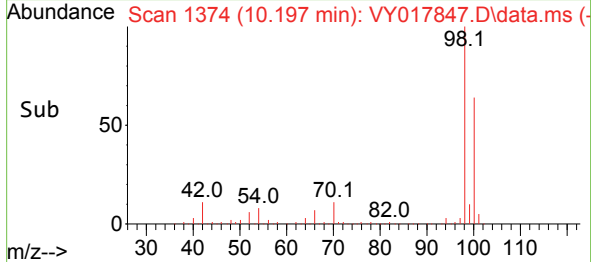
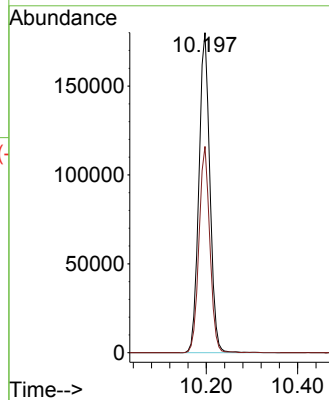
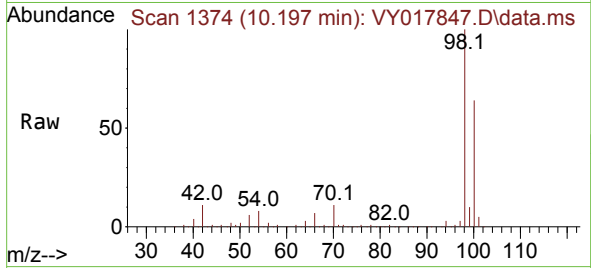




#50
Toluene-d8
Concen: 53.823 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

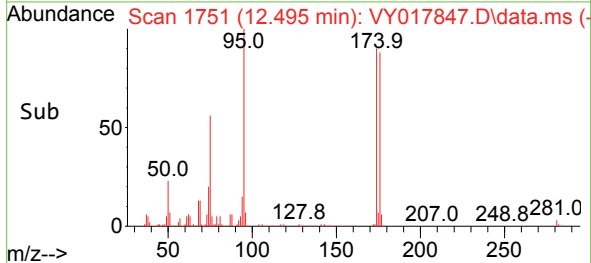
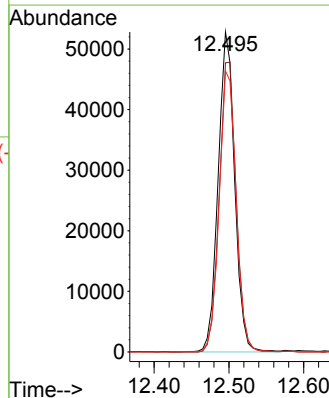
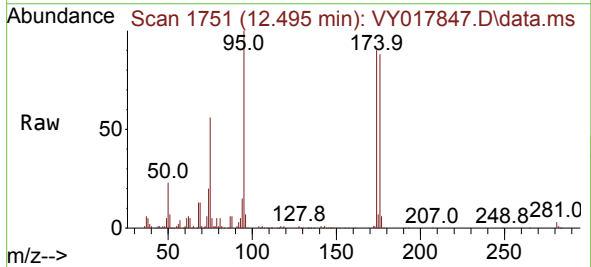
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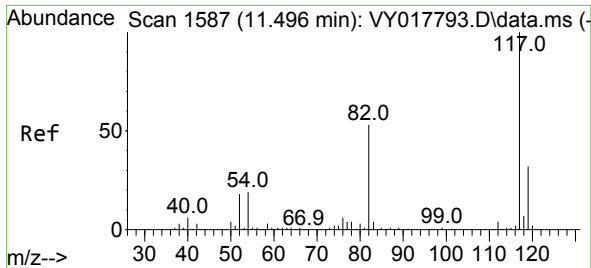
Tgt Ion: 98 Resp: 299727
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.141 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

Tgt Ion: 95 Resp: 81564
Ion Ratio Lower Upper
95 100
174 92.6 0.0 175.6
176 89.9 0.0 171.4

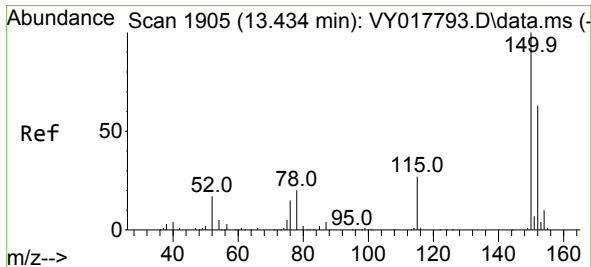
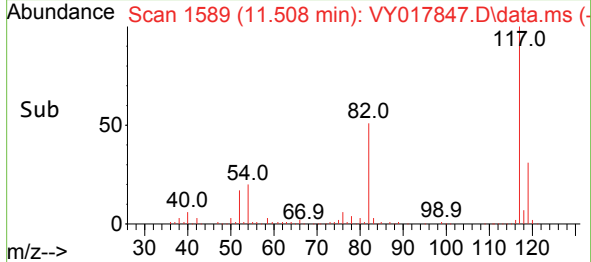
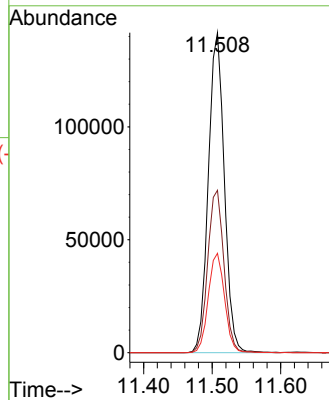
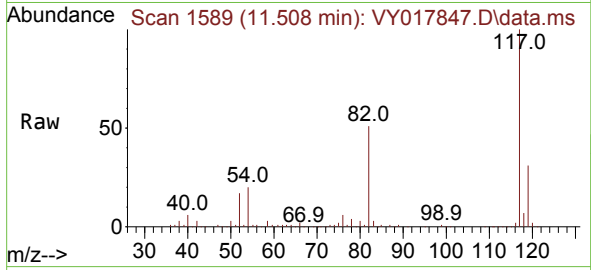




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

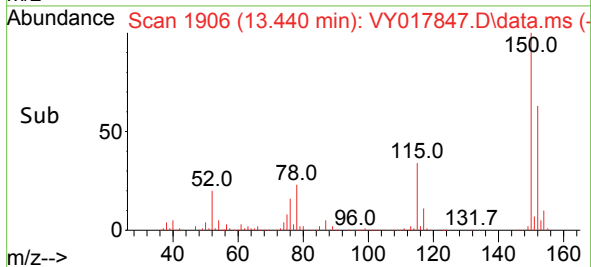
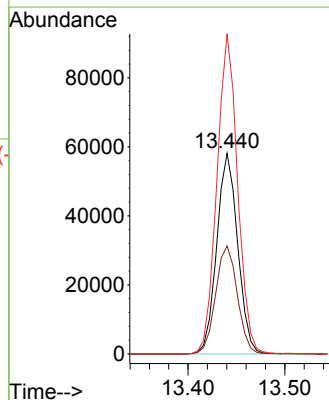
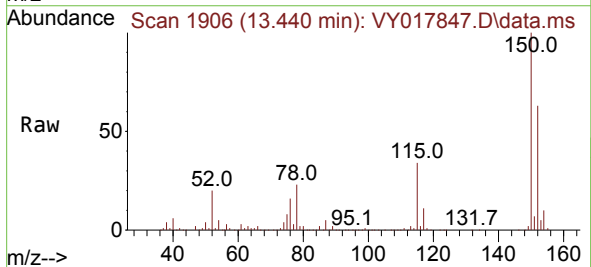
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

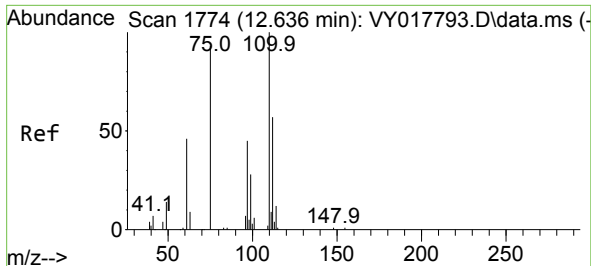
Tgt Ion:117 Resp: 230381
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 31.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

Tgt Ion:152 Resp: 87306
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 157.4 0.0 345.6

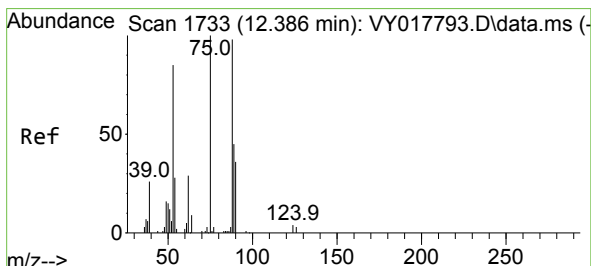
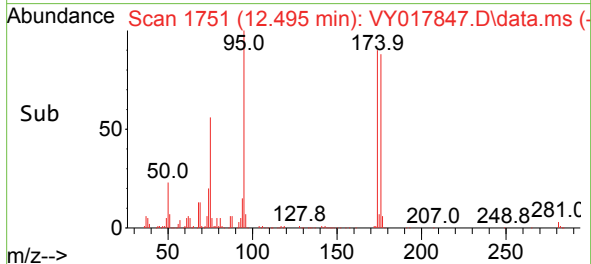
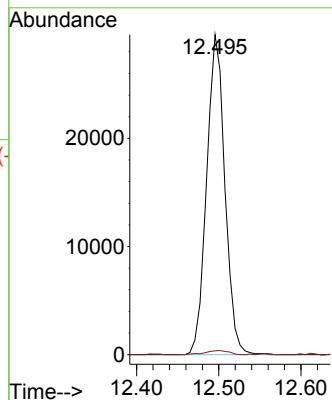
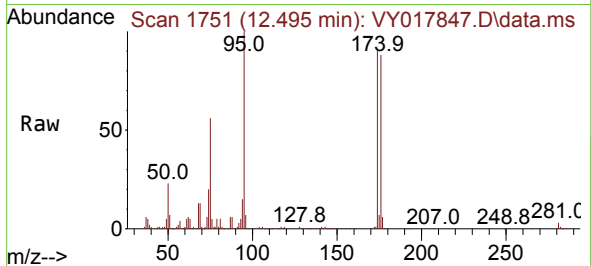




#76
1,2,3-Trichloropropane
Concen: 57.406 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.140 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

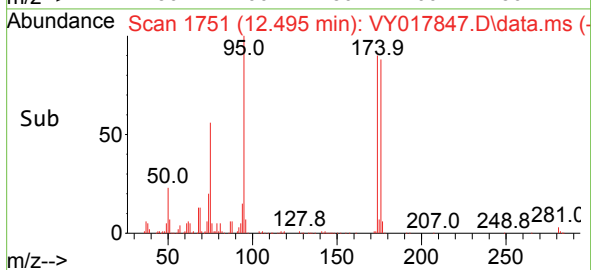
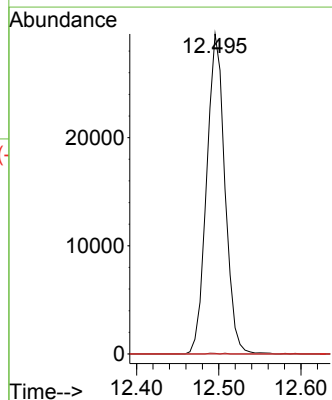
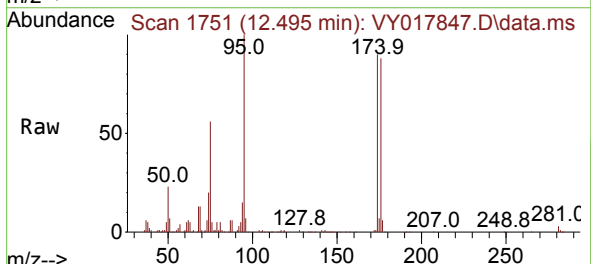
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

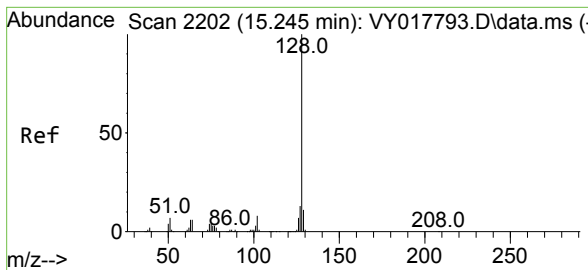
Tgt Ion: 75 Resp: 45671
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.733 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.109 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

Tgt Ion: 75 Resp: 45671
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#





#95
 Naphthalene
 Concen: 1.196 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY017847.D
 Acq: 04 Apr 2024 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2

Tgt Ion:	128	Resp:	852
Ion Ratio	Lower	Upper	
128	100		
127	2.8	10.6	16.0#
129	5.8	8.6	13.0#

