

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017848.D
 Acq On : 04 Apr 2024 12:48
 Operator : SY/MD
 Sample : P1974-07
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-3

Quant Time: Apr 05 00:45:55 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)

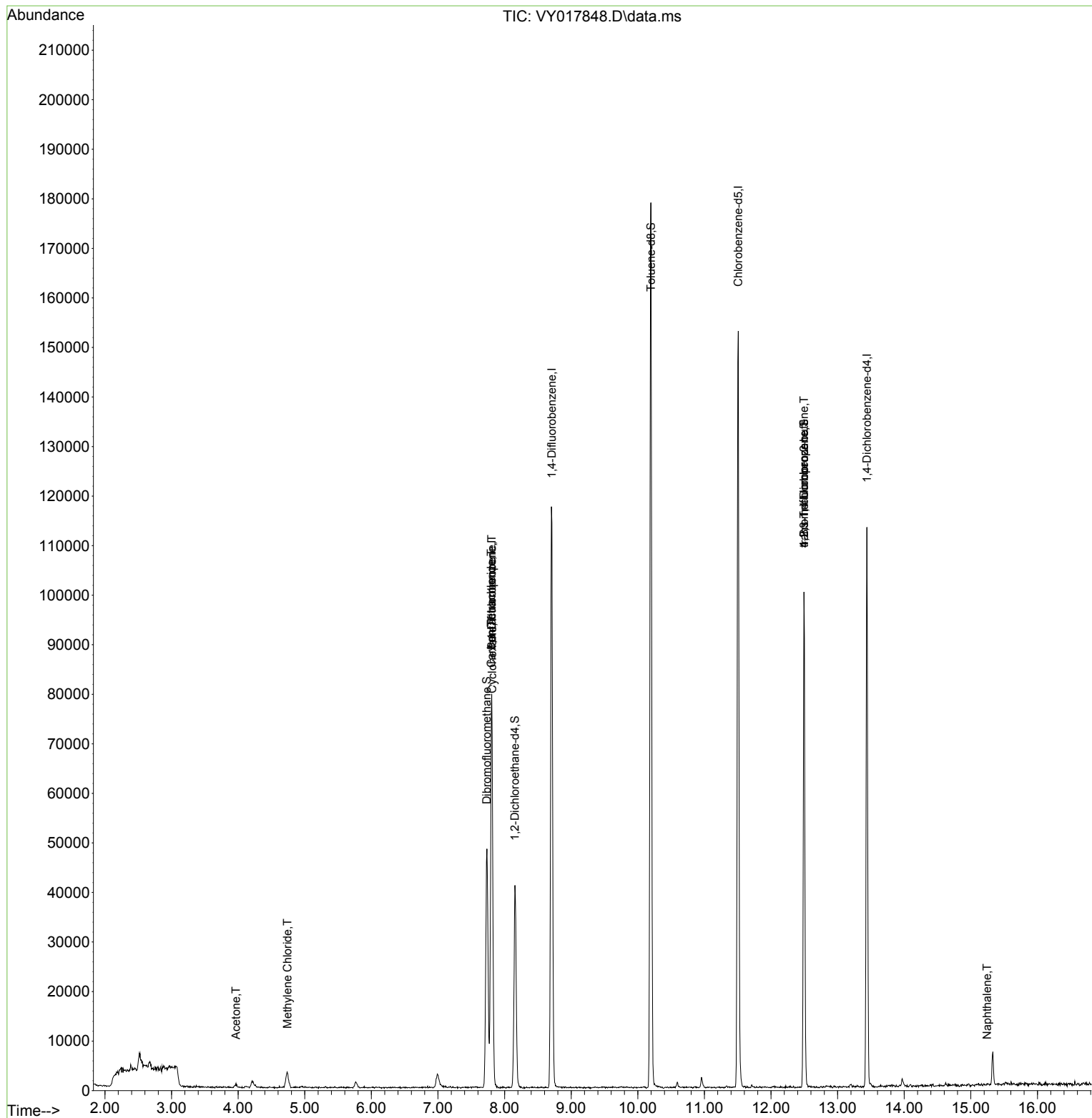
Internal Standards						
1) Pentafluorobenzene	7.807	168	64351	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	105735	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	87858	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	28899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	32102	57.649	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.300%
35) Dibromofluoromethane	7.734	113	35545	58.177	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.360%
50) Toluene-d8	10.197	98	119993	52.576	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.160%
62) 4-Bromofluorobenzene	12.495	95	28348	40.825	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	97	Below Cal	#	88
16) Acetone	3.966	43	1027	8.922	ug/l #	75
20) Methylene Chloride	4.741	84	2546	1.008	ug/l	88
31) Cyclohexane	7.813	56	1363	1.389	ug/l #	33
36) 1,1-Dichloropropene	7.807	75	5103	5.724	ug/l #	46
38) Carbon Tetrachloride	7.801	117	6203	6.703	ug/l #	16
51) 4-Methyl-2-Pentanone	10.099	43	108	Below Cal	#	31
70) Styrene	12.075	104	100	Below Cal	#	27
74) N-amyl acetate	12.191	43	19	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.495	75	14991	56.926	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	14991	110.029	ug/l #	16
95) Naphthalene	15.245	128	176	1.014	ug/l #	69

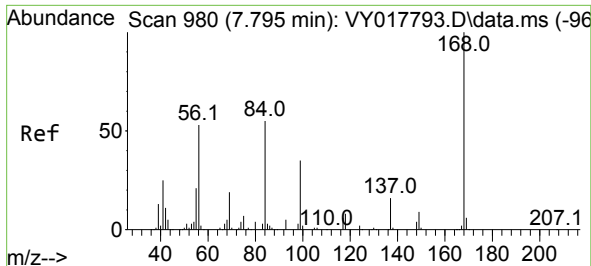
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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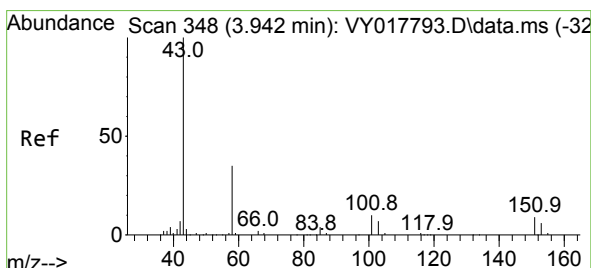
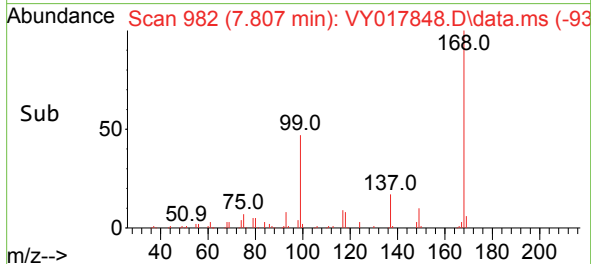
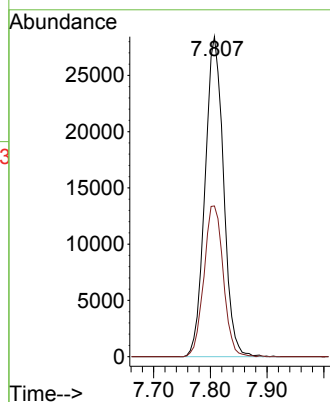
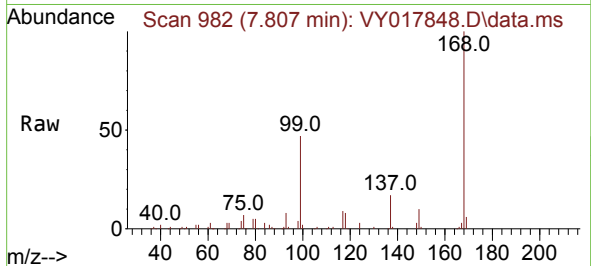




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017848.D
Acq: 04 Apr 2024 12:48

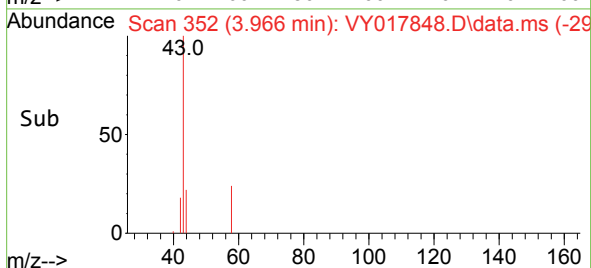
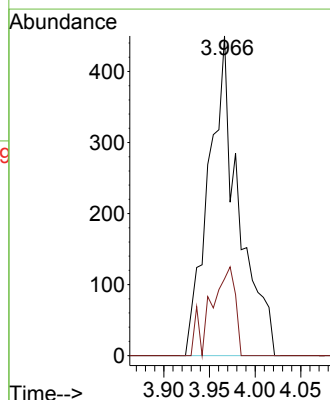
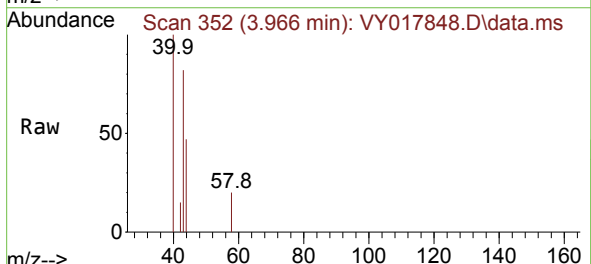
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

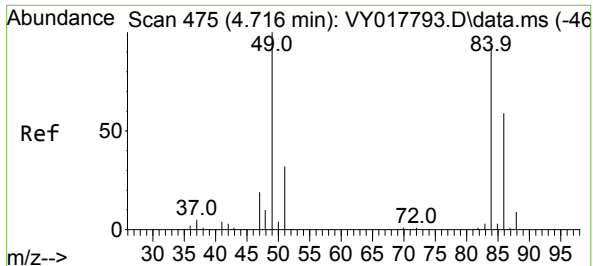
Tgt Ion:168 Resp: 64351
Ion Ratio Lower Upper
168 100
99 47.1 39.1 58.7



#16
Acetone
Concen: 8.922 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY017848.D
Acq: 04 Apr 2024 12:48

Tgt Ion: 43 Resp: 1027
Ion Ratio Lower Upper
43 100
58 24.0 31.7 47.5#



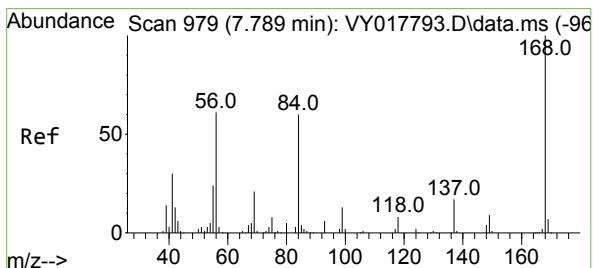
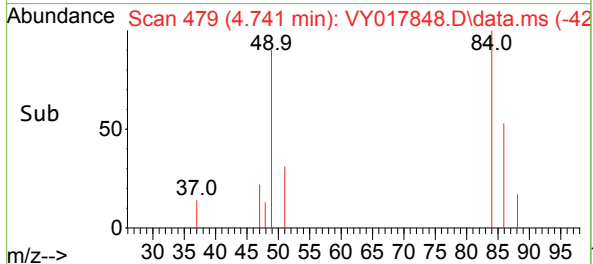
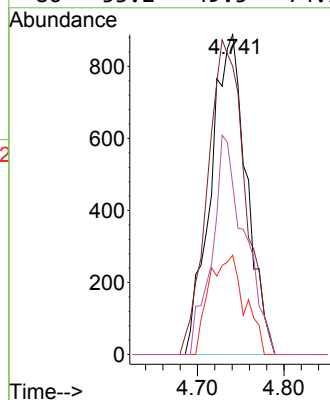
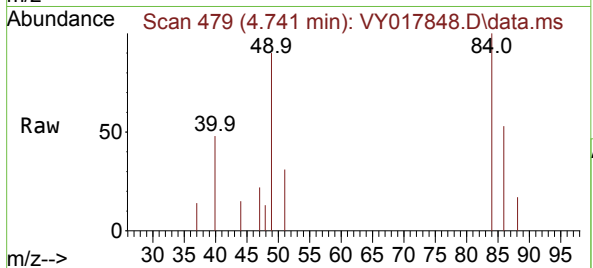


#20
Methylene Chloride
Concen: 1.008 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY017848.D
Acq: 04 Apr 2024 12:48

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

Tgt Ion: 84 Resp: 2546

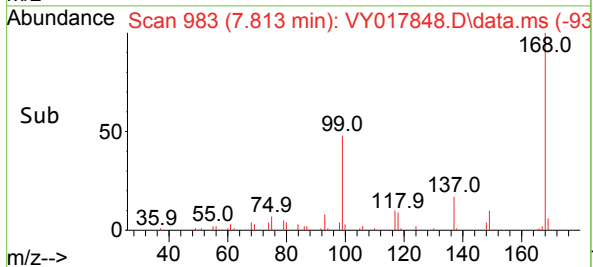
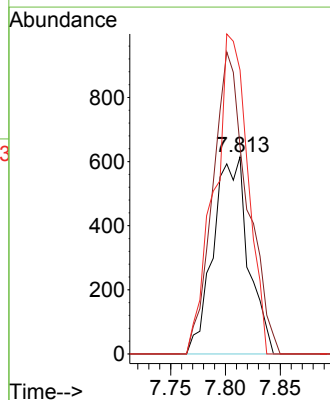
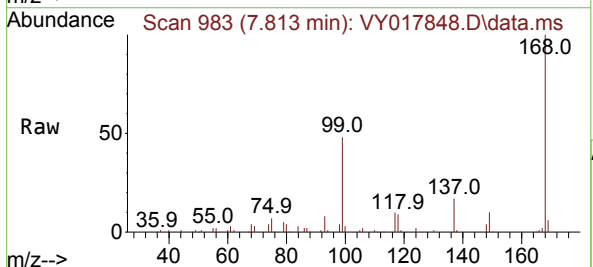
Ion	Ratio	Lower	Upper
84	100		
49	90.1	84.4	126.6
51	31.1	26.0	39.0
86	53.2	49.5	74.3

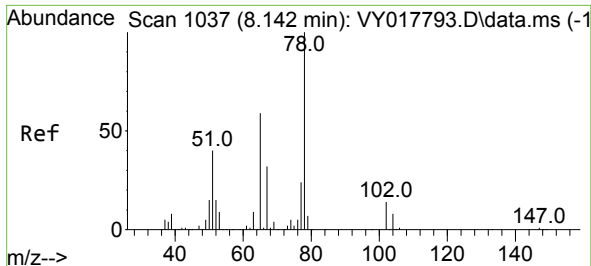


#31
Cyclohexane
Concen: 1.389 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.024 min
Lab File: VY017848.D
Acq: 04 Apr 2024 12:48

Tgt Ion: 56 Resp: 1363

Ion	Ratio	Lower	Upper
56	100		
69	105.2	28.7	43.1#
84	143.9	77.7	116.5#

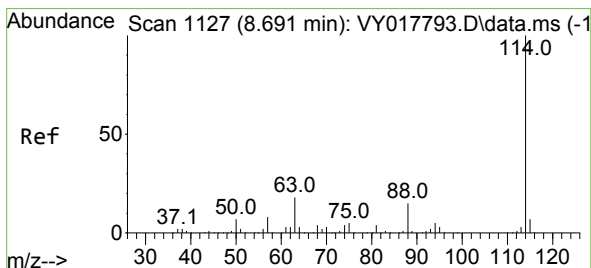
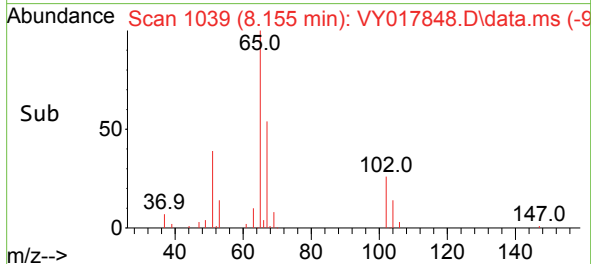
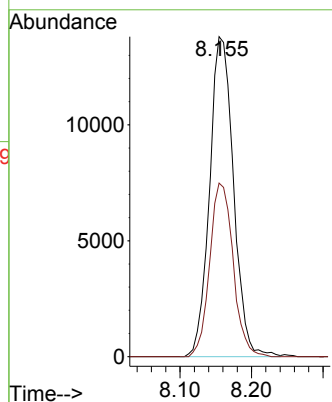
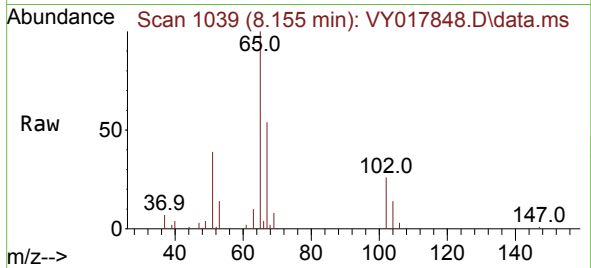




#33
1,2-Dichloroethane-d4
Concen: 57.649 ug/l
RT: 8.155 min Scan# 110
Delta R.T. 0.012 min
Lab File: VY017848.D
Acq: 04 Apr 2024 12:48

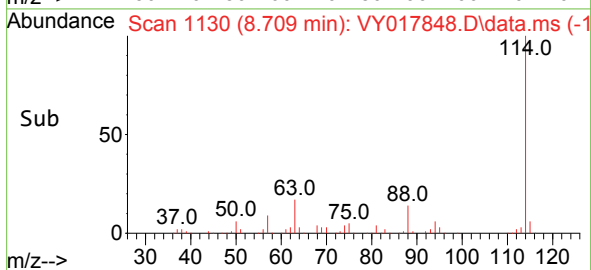
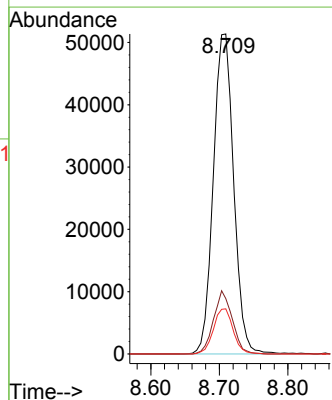
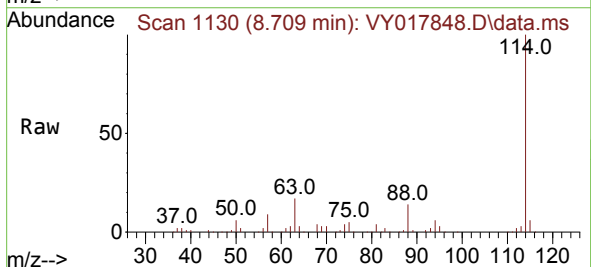
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

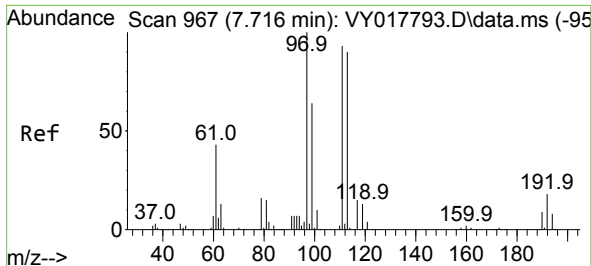
Tgt Ion: 65 Resp: 32102
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1130
Delta R.T. 0.018 min
Lab File: VY017848.D
Acq: 04 Apr 2024 12:48

Tgt Ion: 114 Resp: 105735
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 14.1 0.0 27.2

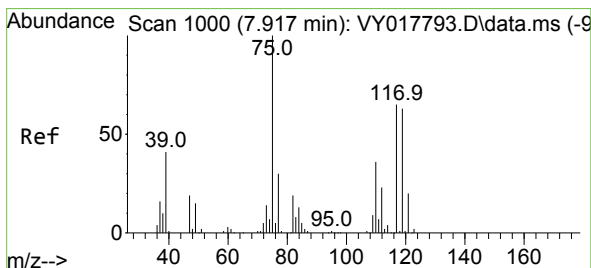
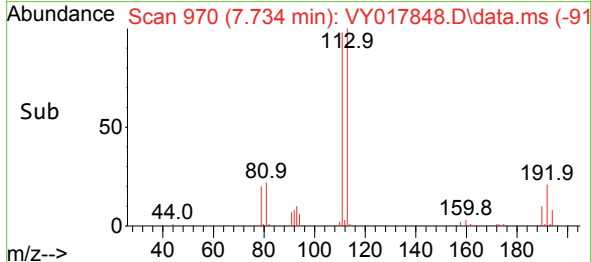
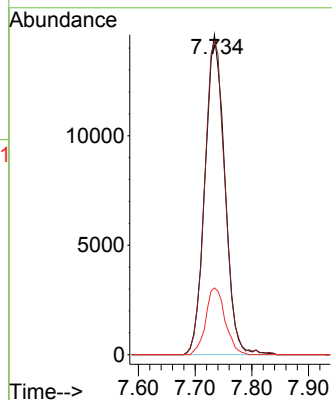
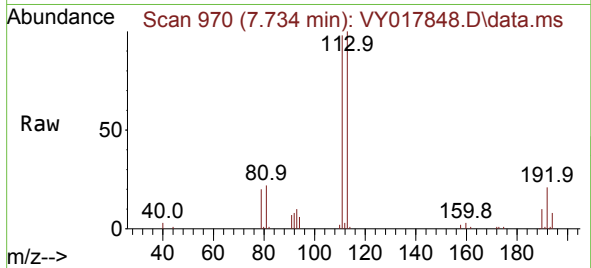




#35
Dibromofluoromethane
Concen: 58.177 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017848.D
Acq: 04 Apr 2024 12:48

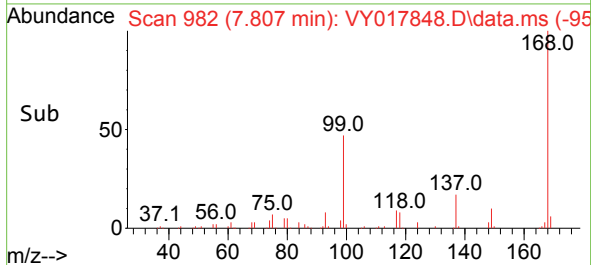
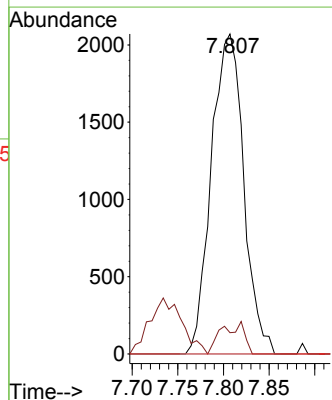
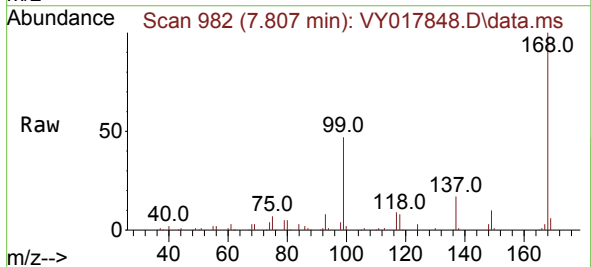
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

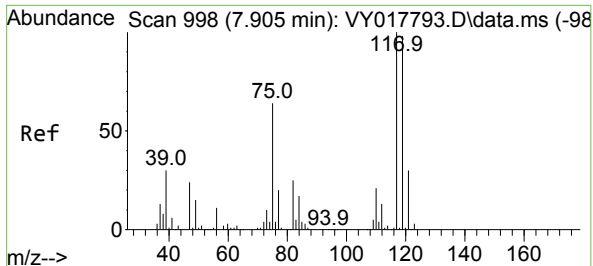
Tgt Ion:113 Resp: 35545
Ion Ratio Lower Upper
113 100
111 99.7 82.2 123.4
192 20.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.724 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY017848.D
Acq: 04 Apr 2024 12:48

Tgt Ion: 75 Resp: 5103
Ion Ratio Lower Upper
75 100
110 7.1 19.0 57.0#
77 0.0 25.3 37.9#

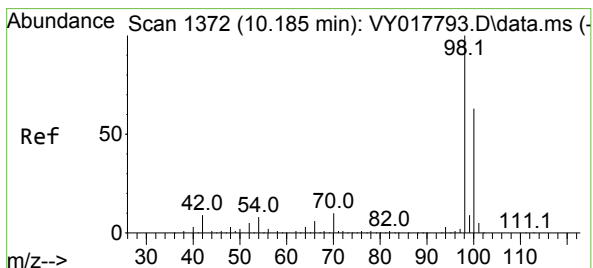
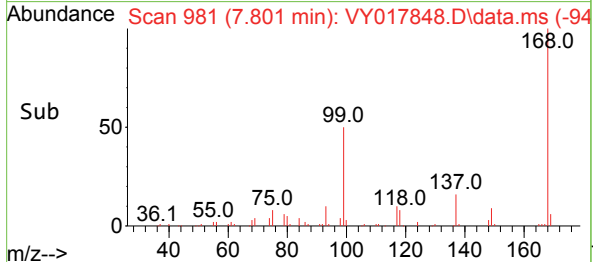
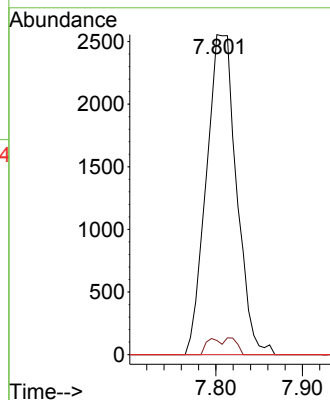
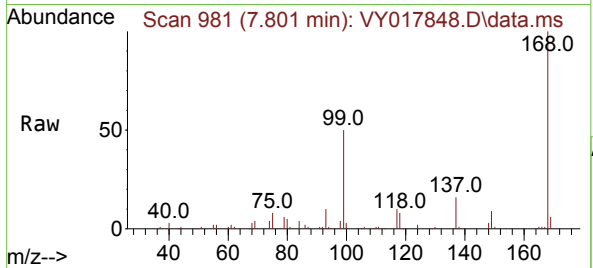




#38
Carbon Tetrachloride
Concen: 6.703 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017848.D
Acq: 04 Apr 2024 12:48

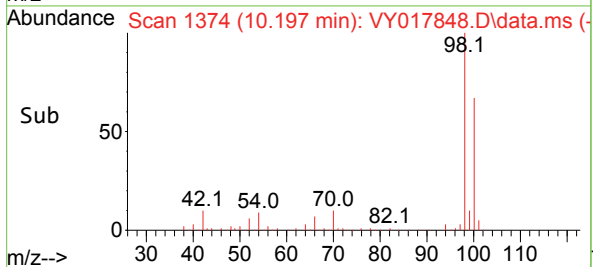
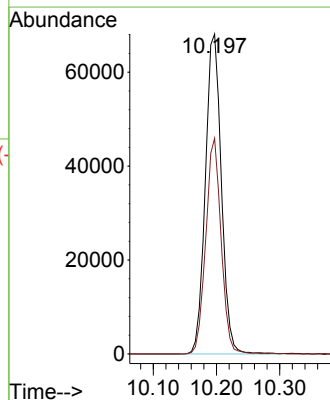
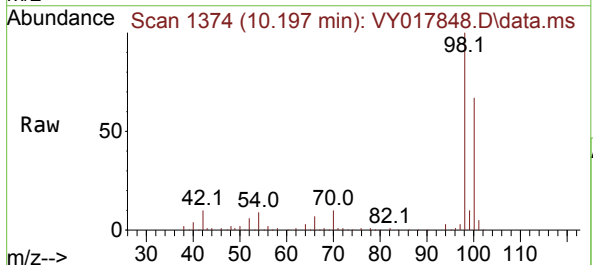
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

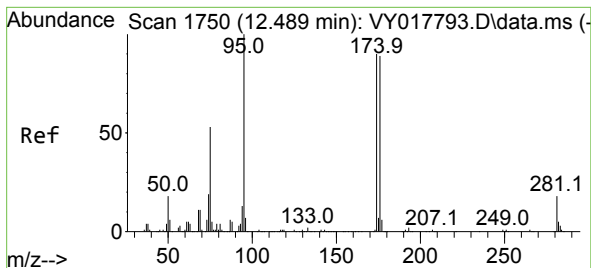
Tgt Ion:117 Resp: 6203
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 52.576 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY017848.D
Acq: 04 Apr 2024 12:48

Tgt Ion: 98 Resp: 119993
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

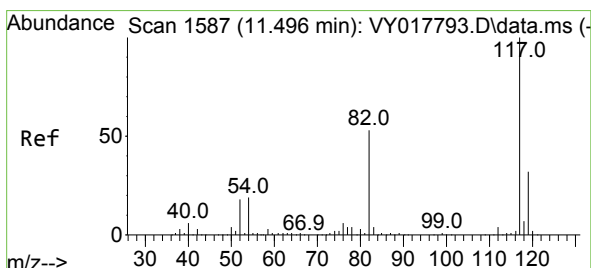
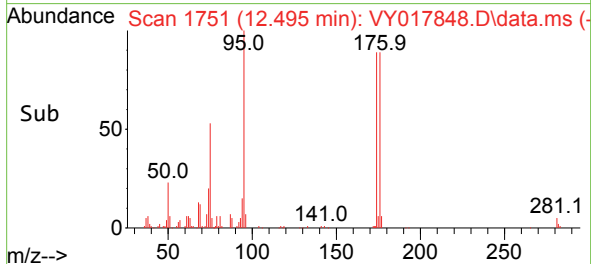
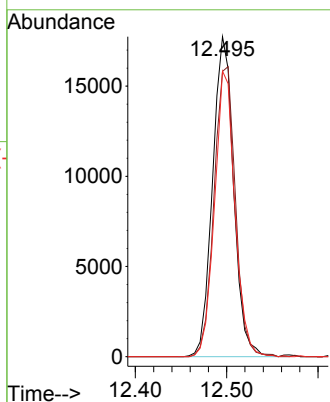
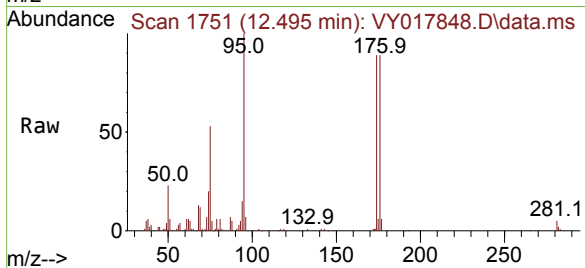




#62
4-Bromofluorobenzene
Concen: 40.825 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017848.D
Acq: 04 Apr 2024 12:48

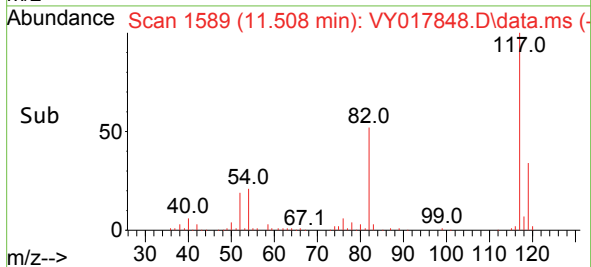
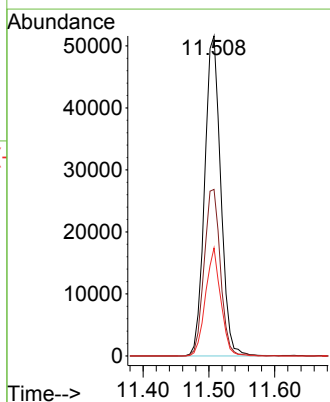
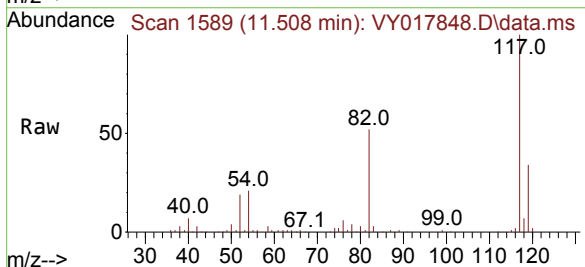
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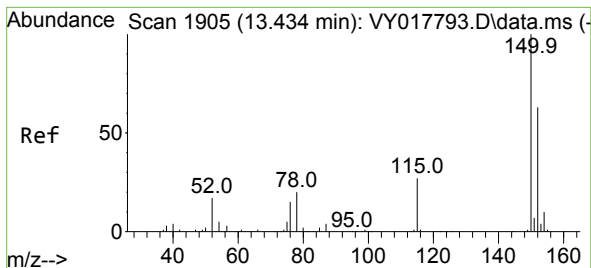
Tgt Ion: 95 Resp: 28348
Ion Ratio Lower Upper
95 100
174 92.2 0.0 175.6
176 86.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.012 min
Lab File: VY017848.D
Acq: 04 Apr 2024 12:48

Tgt Ion: 117 Resp: 87858
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 33.7 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: VY017848.D

Acq: 04 Apr 2024 12:48

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-3

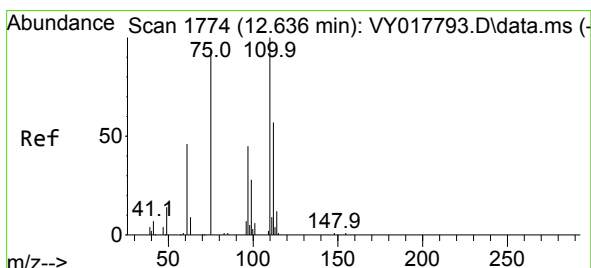
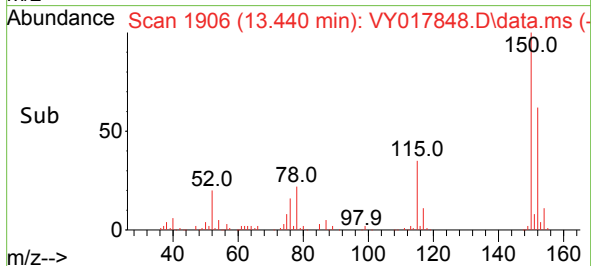
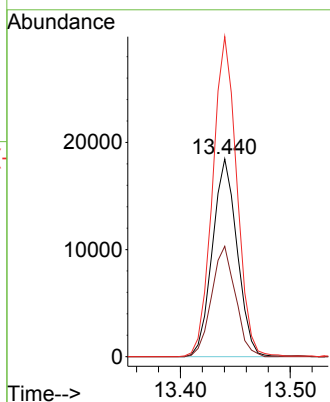
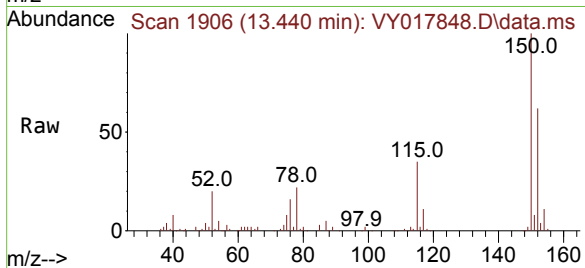
Tgt Ion:152 Resp: 28899

Ion Ratio Lower Upper

152 100

115 54.1 28.2 84.7

150 158.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 56.926 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.140 min

Lab File: VY017848.D

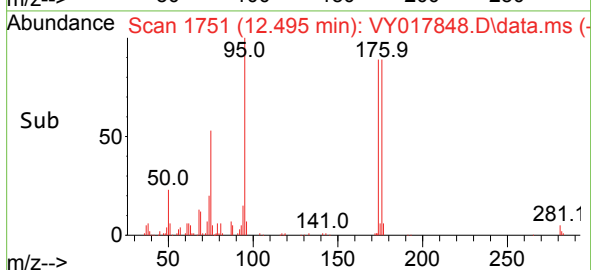
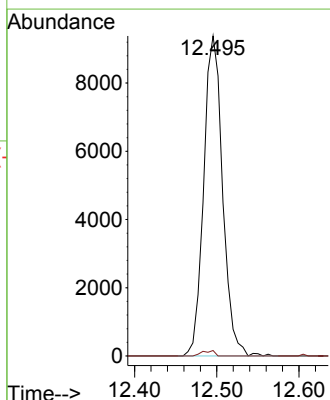
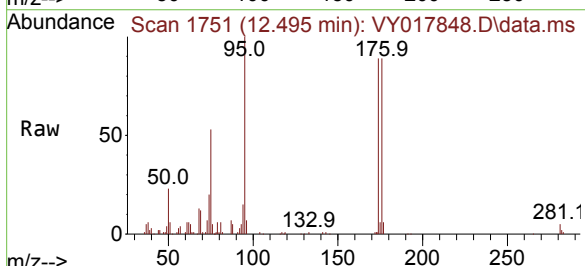
Acq: 04 Apr 2024 12:48

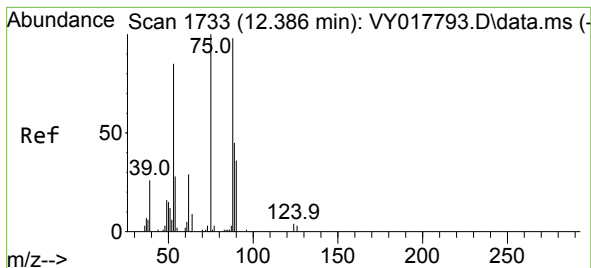
Tgt Ion: 75 Resp: 14991

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#

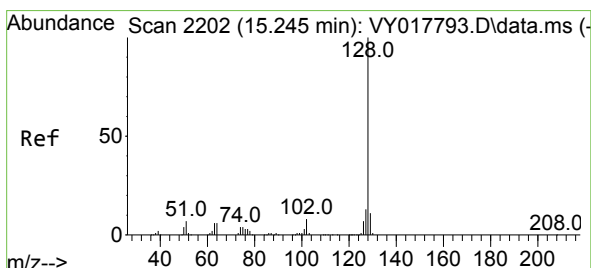
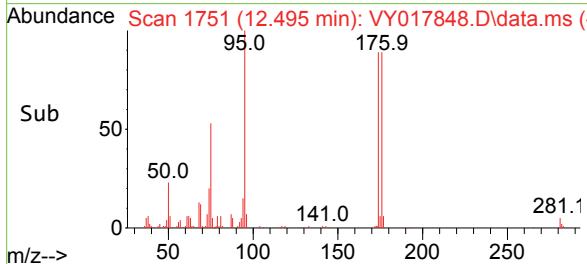
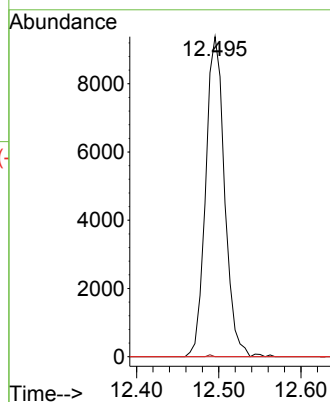
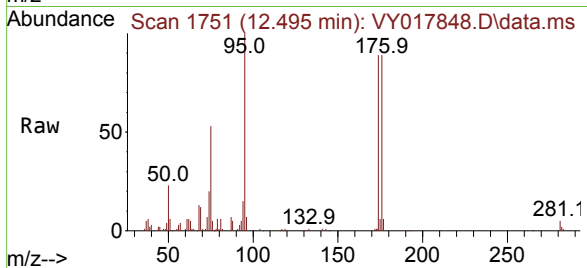




#81
trans-1,4-Dichloro-2-butene
Concen: 110.029 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY017848.D
Acq: 04 Apr 2024 12:48

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

Tgt Ion: 75 Resp: 14991
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.014 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017848.D
Acq: 04 Apr 2024 12:48

Tgt Ion: 128 Resp: 176
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

