

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017764.D
 Acq On : 26 Mar 2024 12:49
 Operator : SY/MD
 Sample : P1863-01
 Misc : 4.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-GRAB

Quant Time: Mar 27 01:28:46 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)

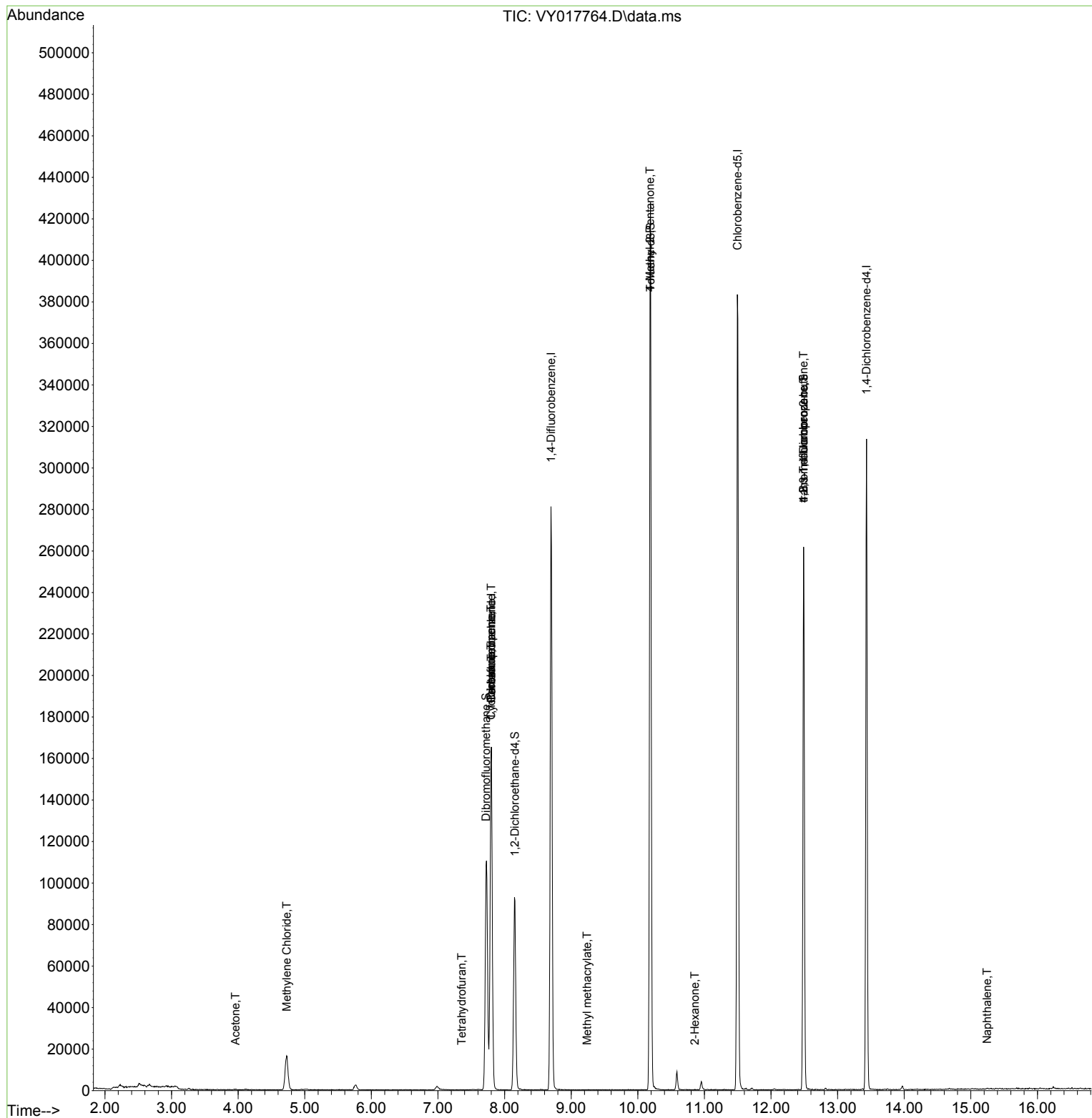
Internal Standards						
1) Pentafluorobenzene	7.801	168	132112	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.697	114	247069	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	218033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	81956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	71470	62.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.200%	
35) Dibromofluoromethane	7.722	113	80738	54.668	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.340%	
50) Toluene-d8	10.191	98	286978	50.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	12.489	95	76335	44.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.940%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	431	2.141	ug/l #	36
20) Methylene Chloride	4.728	84	13171	8.996	ug/l	97
29) Tetrahydrofuran	7.356	42	20	4.473	ug/l #	26
31) Cyclohexane	7.795	56	2776	1.220	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9643	4.226	ug/l #	49
38) Carbon Tetrachloride	7.801	117	12344	5.167	ug/l #	17
48) Methyl methacrylate	9.240	41	19	1.295	ug/l #	7
51) 4-Methyl-2-Pentanone	10.185	43	1171	6.868	ug/l #	1
59) 2-Hexanone	10.855	43	47	9.553	ug/l #	19
76) 1,2,3-Trichloropropane	12.489	75	39869	52.680	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	39869	121.728	ug/l #	16
95) Naphthalene	15.245	128	578	2.867	ug/l #	69

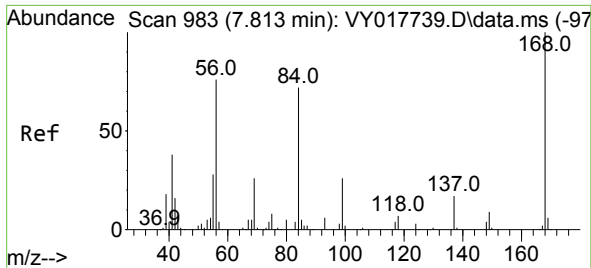
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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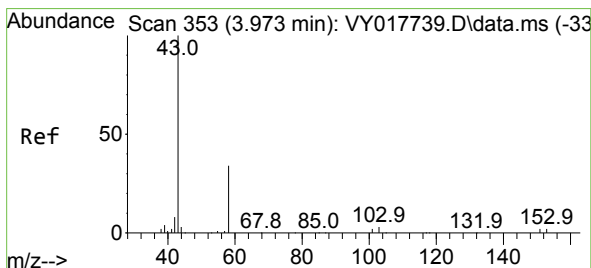
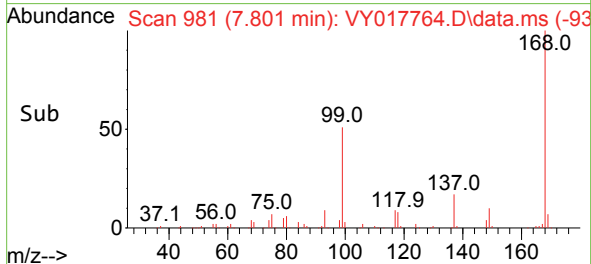
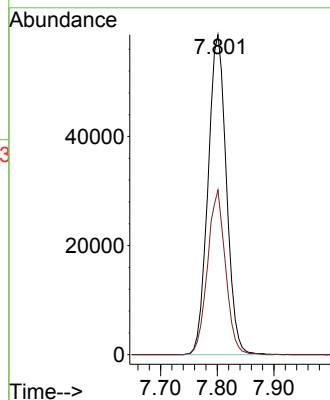
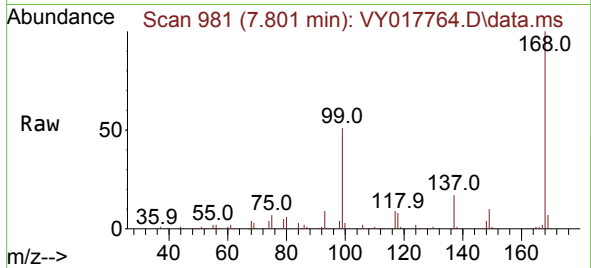




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

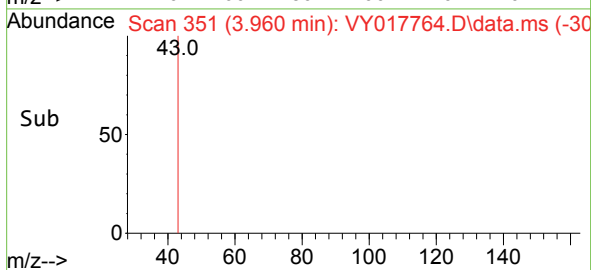
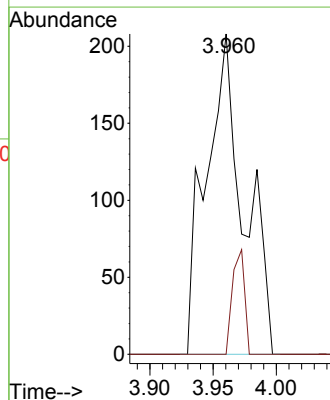
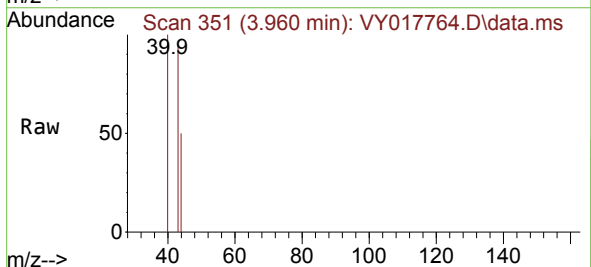
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-GRAB

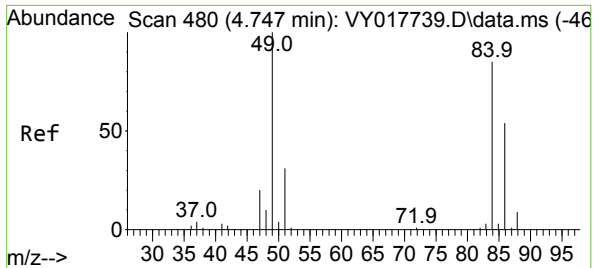
Tgt Ion:168 Resp: 132112
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#16
Acetone
Concen: 2.141 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

Tgt Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

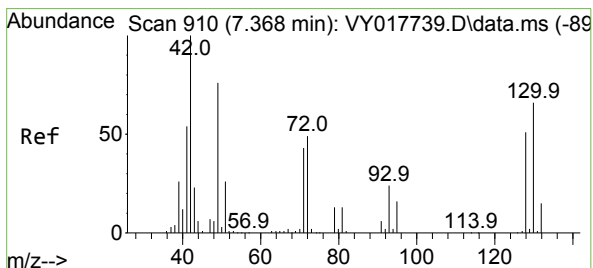
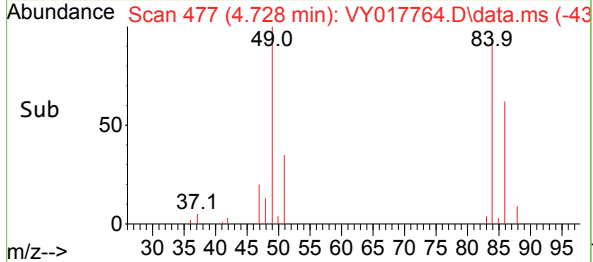
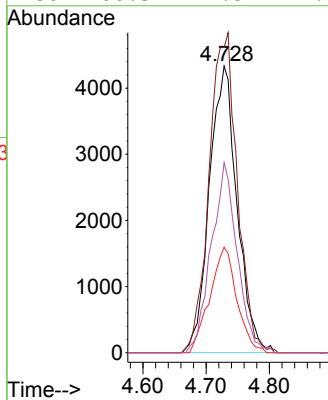
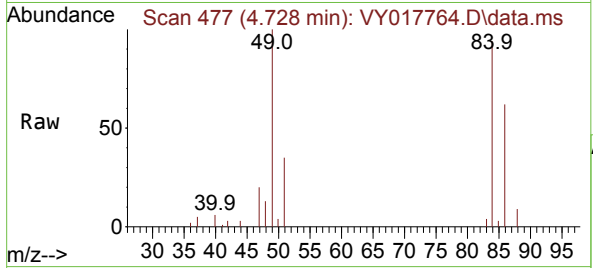




#20
Methylene Chloride
Concen: 8.996 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

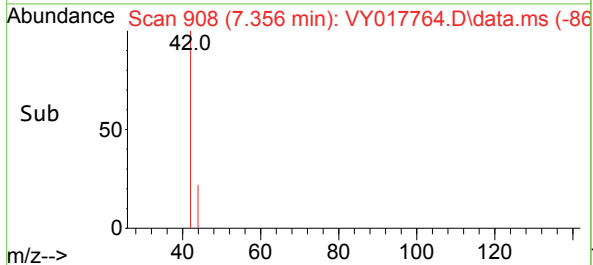
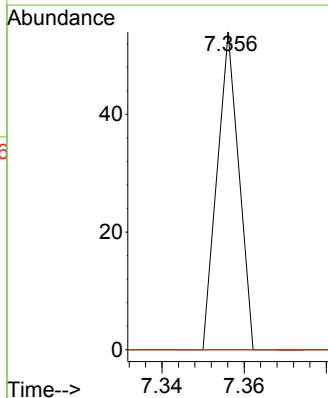
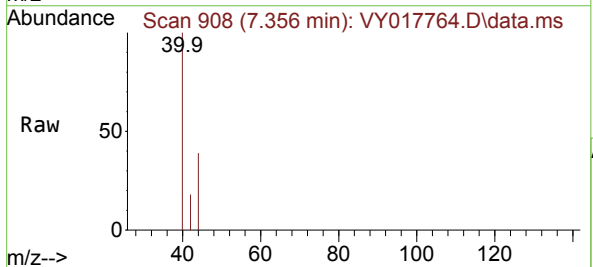
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-GRAB

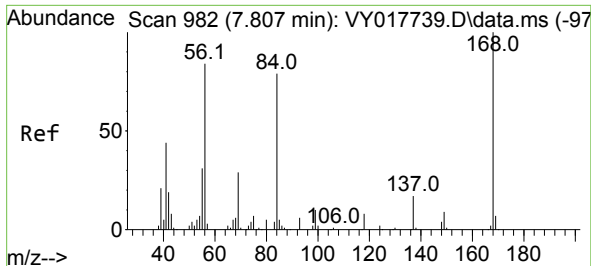
Tgt Ion: 84	Resp: 13171
Ion Ratio	Lower Upper
84	100
49	106.4 84.4 126.6
51	36.8 26.0 39.0
86	66.3 49.5 74.3



#29
Tetrahydrofuran
Concen: 4.473 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.012 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

Tgt Ion: 42	Resp: 20
Ion Ratio	Lower Upper
42	100
72	0.0 43.0 64.4#
71	0.0 40.8 61.2#

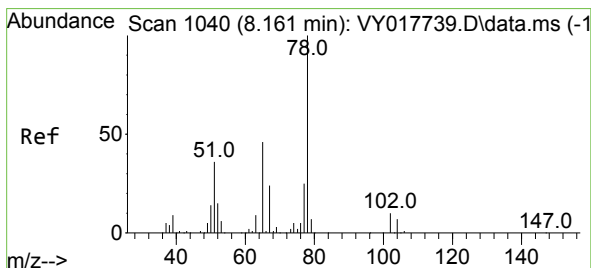
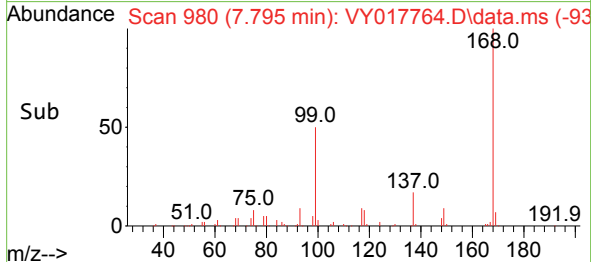
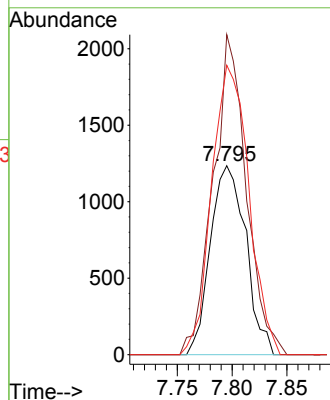
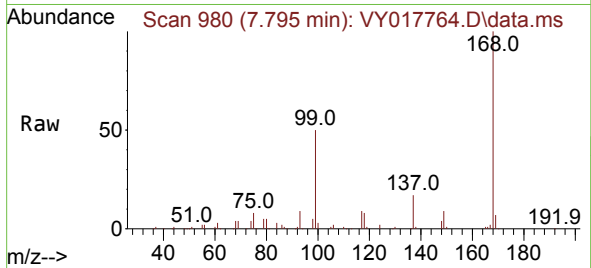




#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

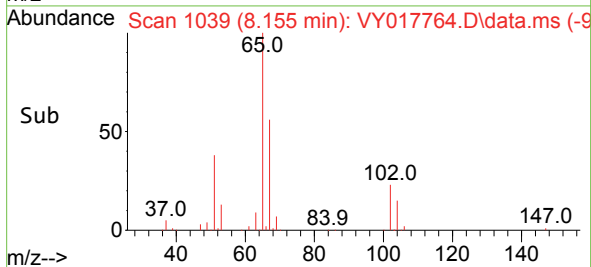
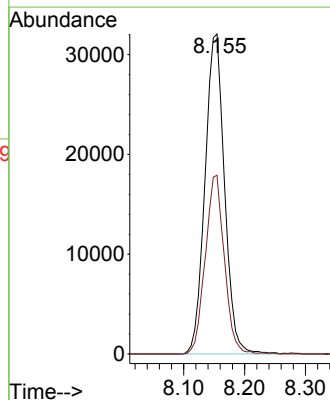
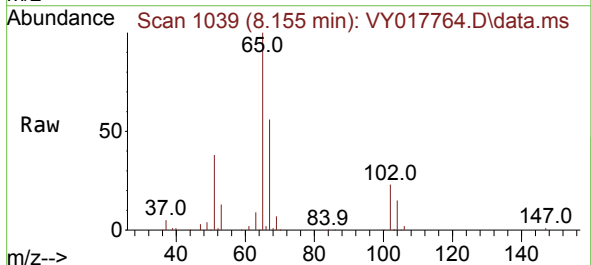
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-GRAB

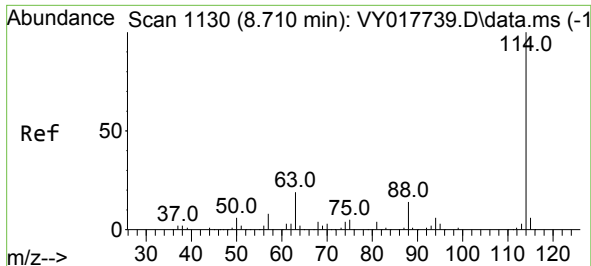
Tgt Ion: 56 Resp: 2776
Ion Ratio Lower Upper
56 100
69 169.4 28.7 43.1#
84 153.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 62.097 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

Tgt Ion: 65 Resp: 71470
Ion Ratio Lower Upper
65 100
67 54.6 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: VY017764.D

Acq: 26 Mar 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE-GRAB

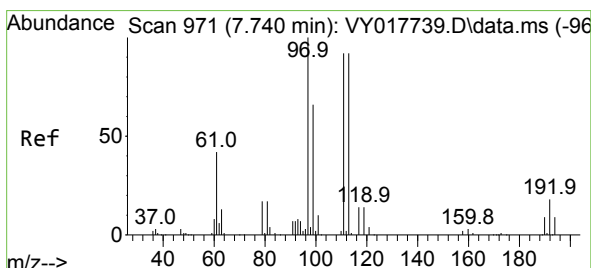
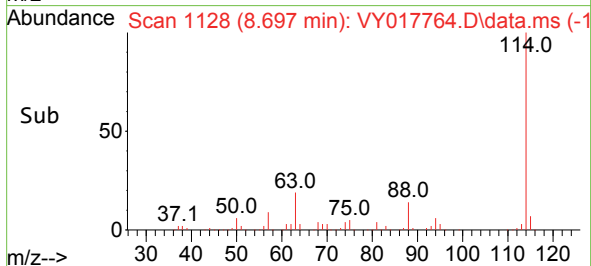
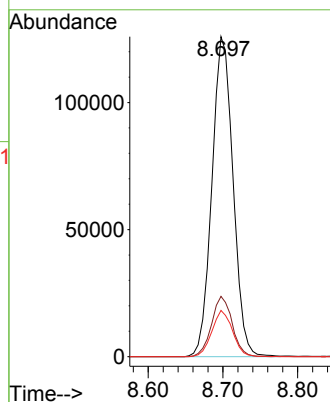
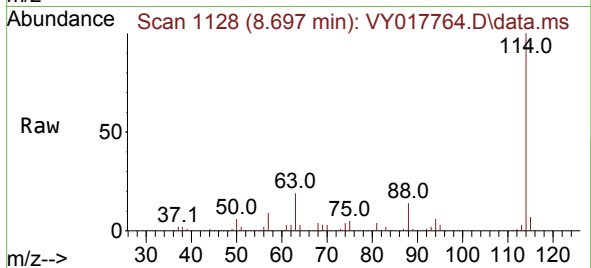
Tgt Ion:114 Resp: 247069

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.668 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.018 min

Lab File: VY017764.D

Acq: 26 Mar 2024 12:49

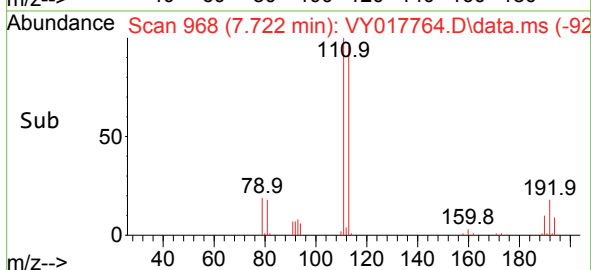
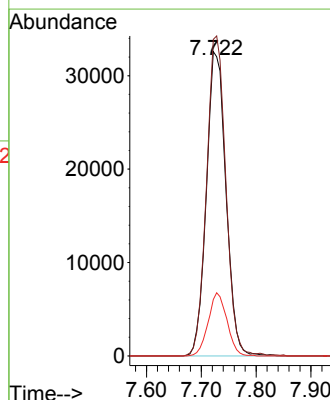
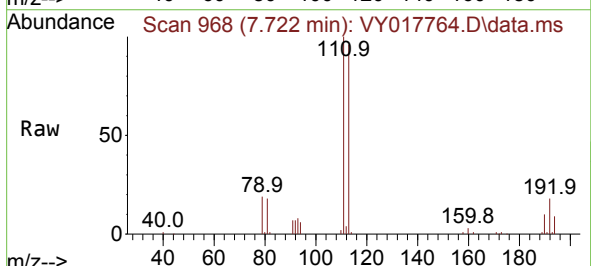
Tgt Ion:113 Resp: 80738

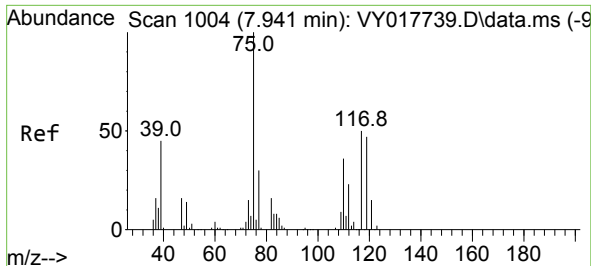
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 19.9 15.9 23.9

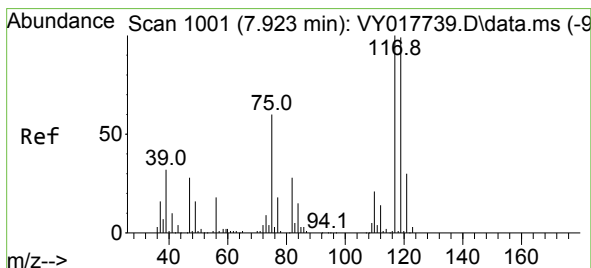
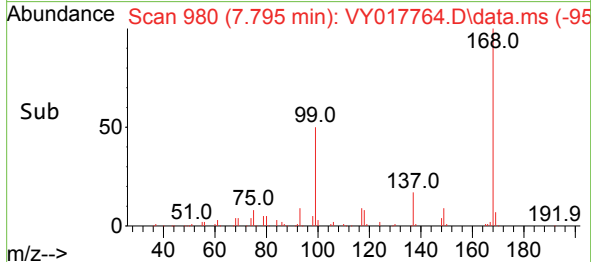
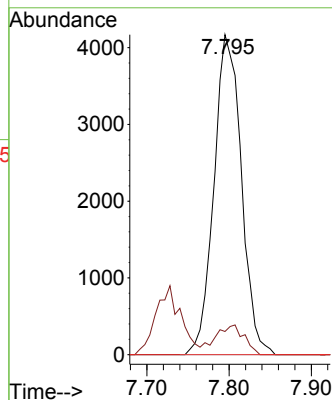
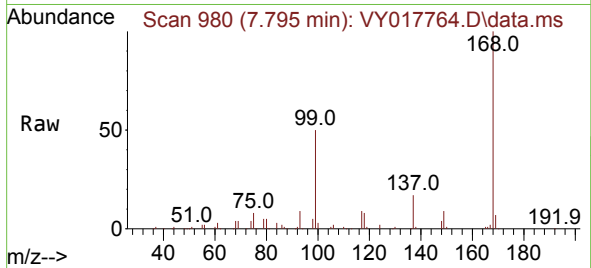




#36
1,1-Dichloropropene
Concen: 4.226 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.146 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

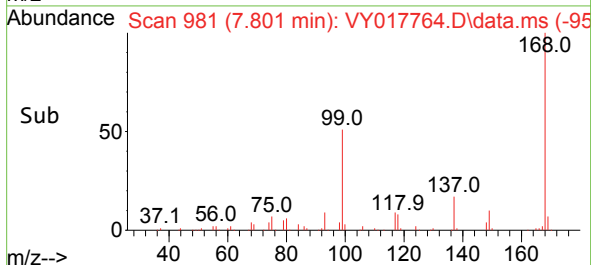
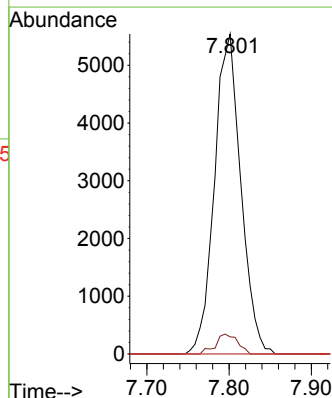
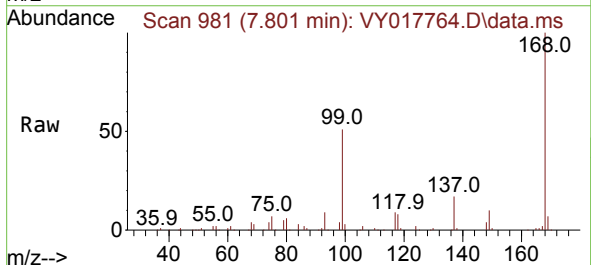
Instrument :
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SOIL-PILE-GRAB

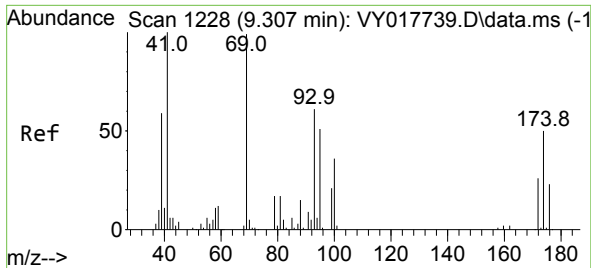
Tgt Ion: 75 Resp: 9643
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.167 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

Tgt Ion: 117 Resp: 12344
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#

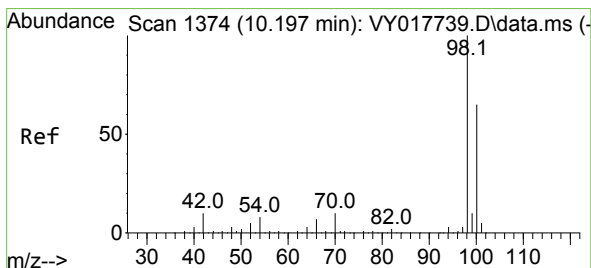
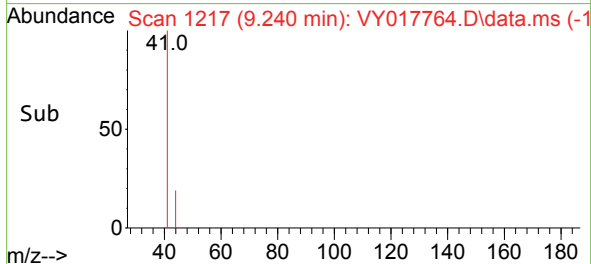
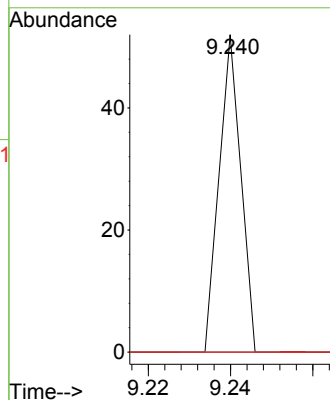
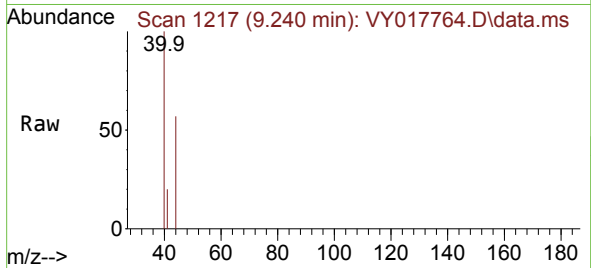




#48
Methyl methacrylate
Concen: 1.295 ug/l
RT: 9.240 min Scan# 11
Delta R.T. -0.067 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

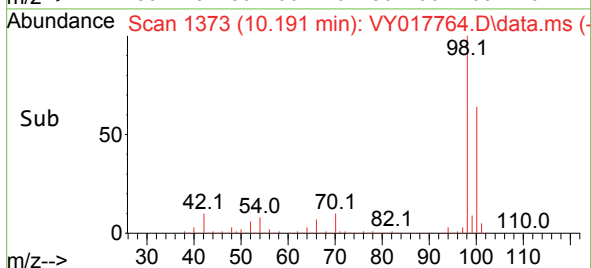
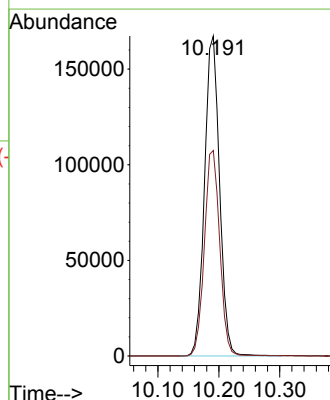
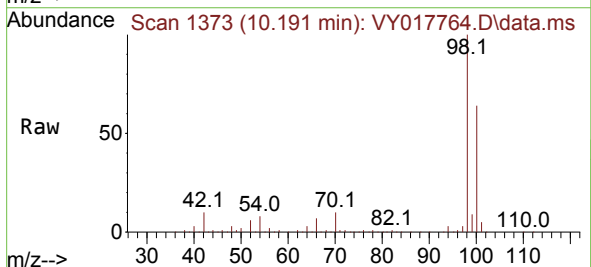
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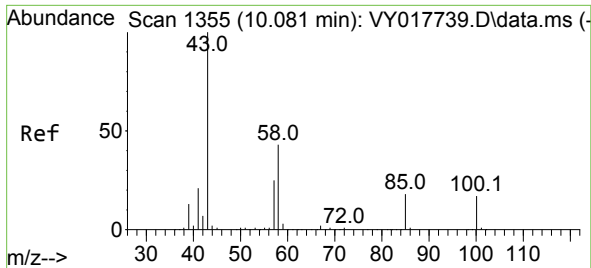
Tgt Ion: 41 Resp: 19
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 0.0 43.6 65.4#



#50
Toluene-d8
Concen: 50.772 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.006 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

Tgt Ion: 98 Resp: 286978
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 6.868 ug/l

RT: 10.185 min Scan# 1171

Delta R.T. 0.104 min

Lab File: VY017764.D

Acq: 26 Mar 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

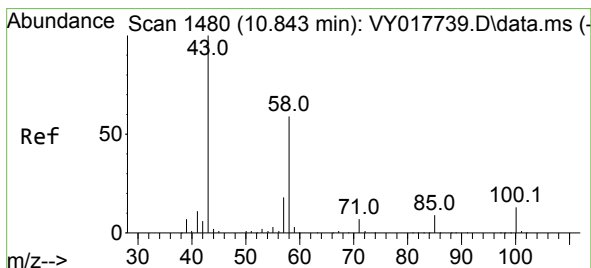
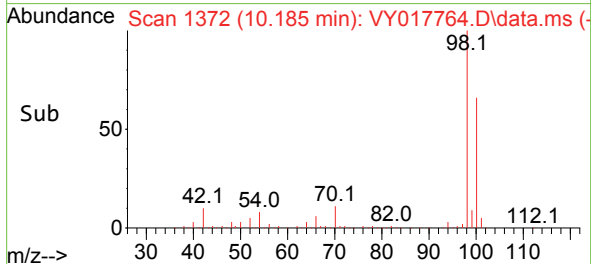
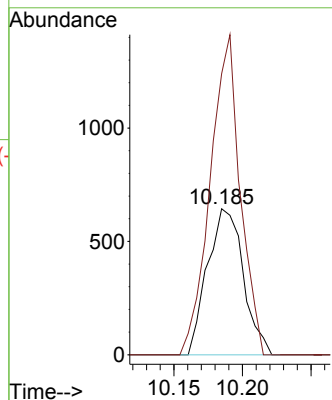
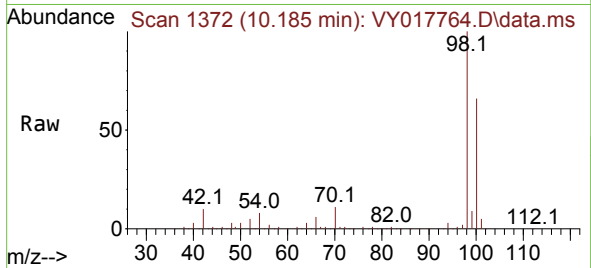
SOIL-PILE-GRAB

Tgt Ion: 43 Resp: 1171

Ion Ratio Lower Upper

43 100

58 183.9 35.7 53.5#



#59

2-Hexanone

Concen: 9.553 ug/l

RT: 10.855 min Scan# 1482

Delta R.T. 0.012 min

Lab File: VY017764.D

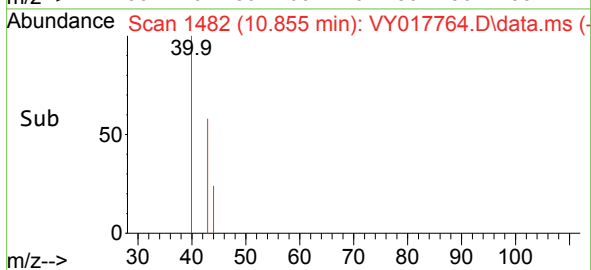
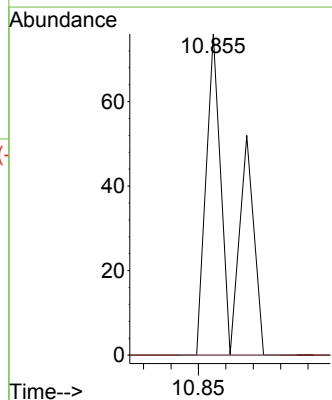
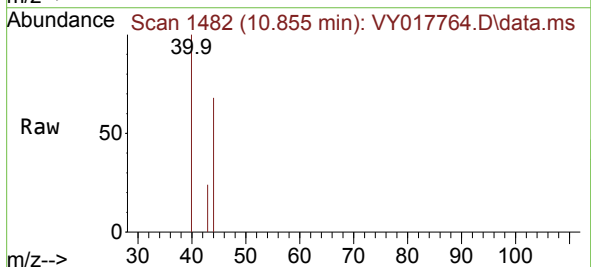
Acq: 26 Mar 2024 12:49

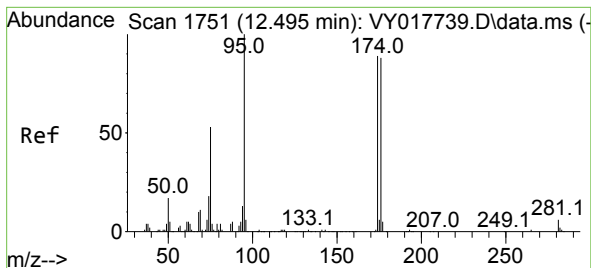
Tgt Ion: 43 Resp: 47

Ion Ratio Lower Upper

43 100

58 0.0 31.4 94.0#

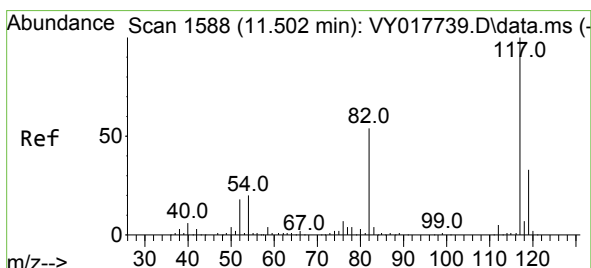
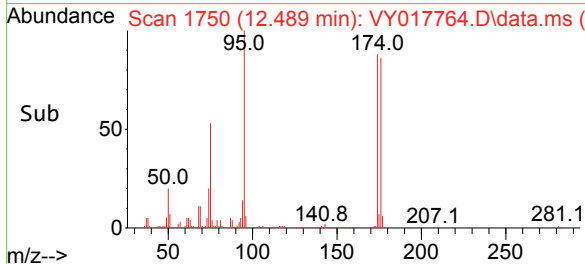
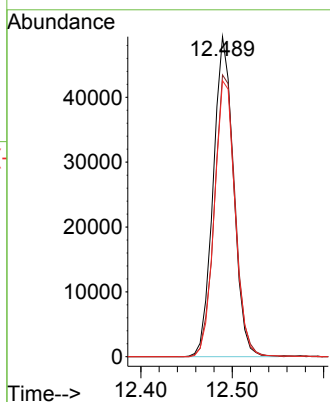
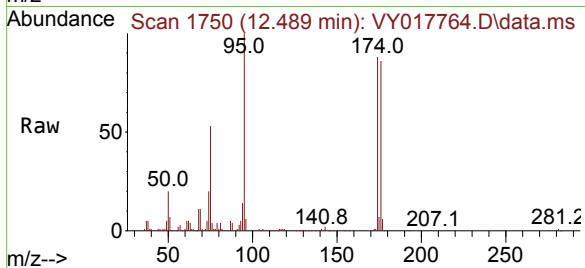




#62
4-Bromofluorobenzene
Concen: 44.975 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

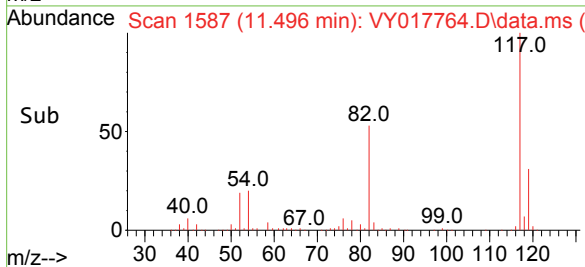
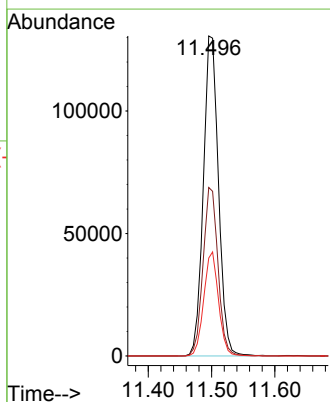
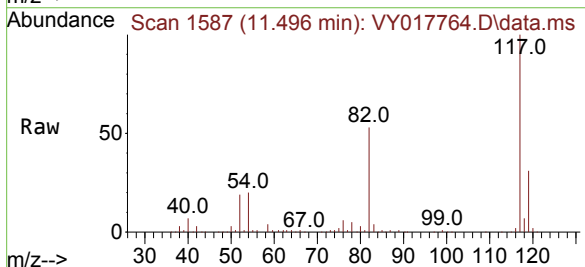
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-GRAB

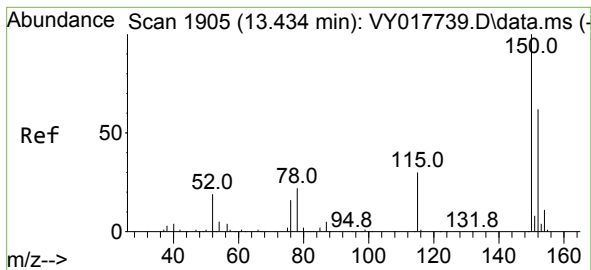
Tgt Ion: 95 Resp: 76335
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.6
176 88.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

Tgt Ion: 117 Resp: 218033
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 30.6 25.9 38.9

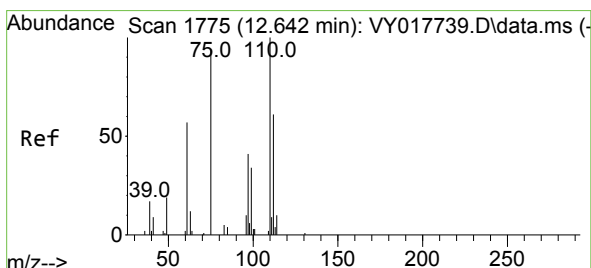
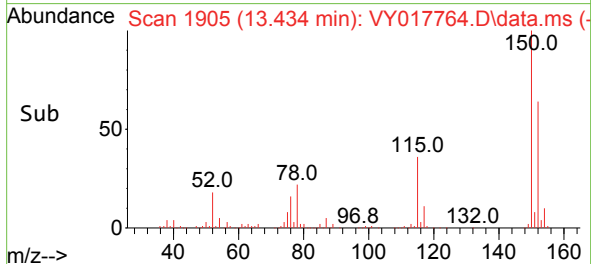
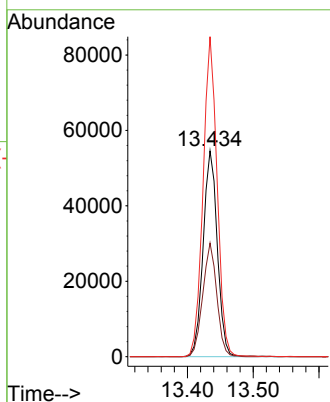
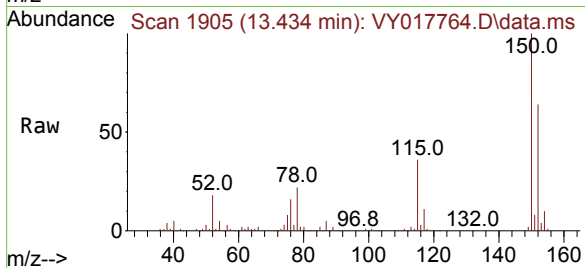




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

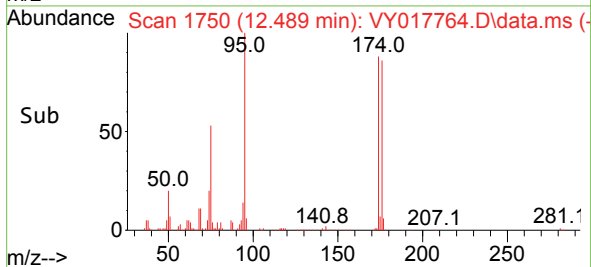
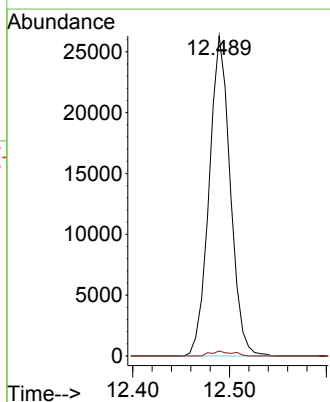
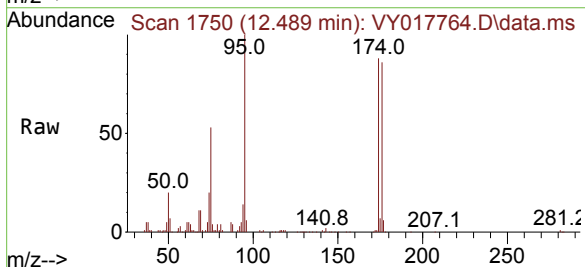
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-GRAB

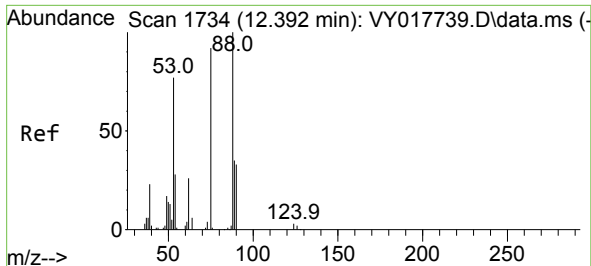
Tgt Ion:152 Resp: 81956
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 154.0 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 52.680 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

Tgt Ion: 75 Resp: 39869
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

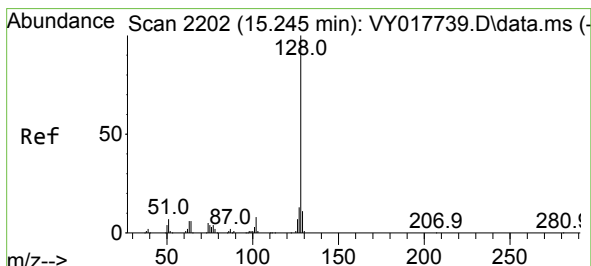
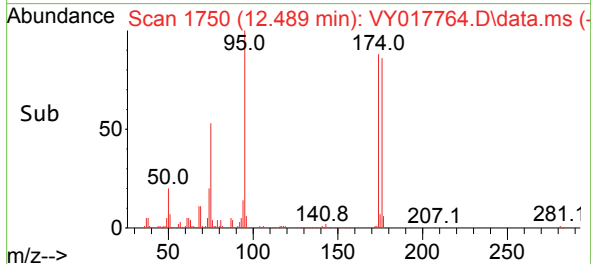
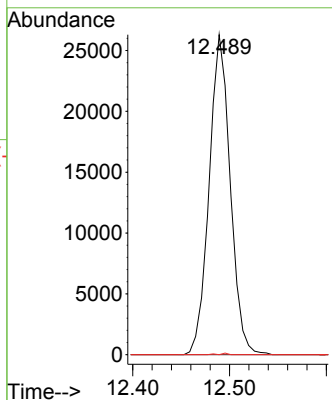
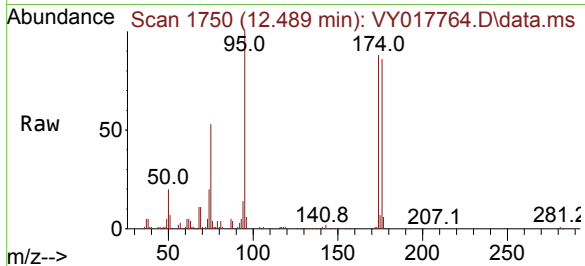




#81
trans-1,4-Dichloro-2-butene
Concen: 121.728 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.097 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-GRAB

Tgt Ion: 75 Resp: 39869
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#



#95
Naphthalene
Concen: 2.867 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

Tgt Ion: 128 Resp: 578
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

