

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
 Data File : VY012462.D
 Acq On : 02 Feb 2023 17:48
 Operator : KP/MD
 Sample : 01404-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NPHACK-SOIL-0201

Quant Time: Feb 03 03:13:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

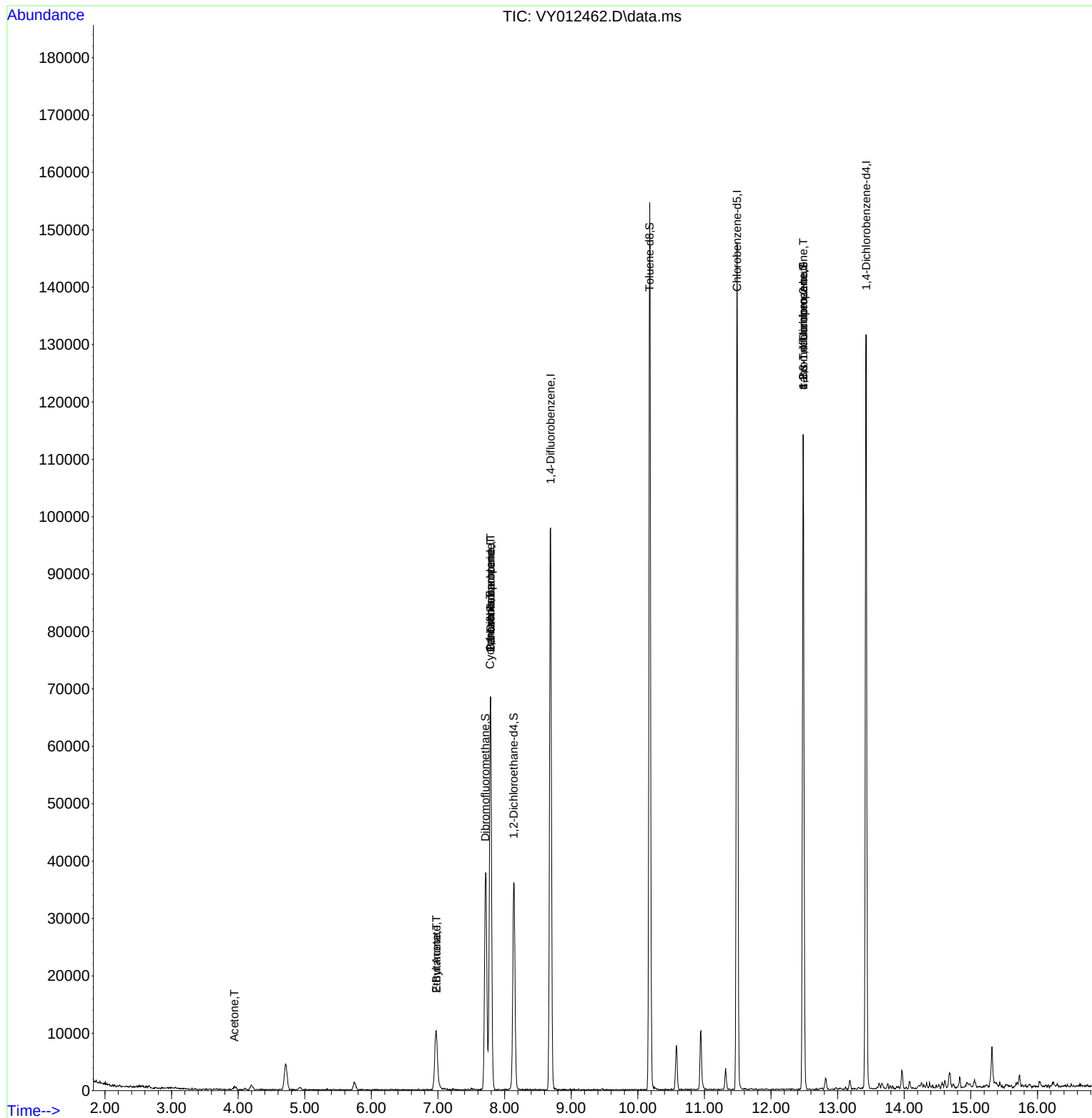
Internal Standards						
1) Pentafluorobenzene	7.789	168	55477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	89812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	83673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	30735	68.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.560%	
35) Dibromofluoromethane	7.710	113	26701	56.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.300%	
50) Toluene-d8	10.179	98	105594	65.421	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 130.840%	
62) 4-Bromofluorobenzene	12.483	95	30631	45.692	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	560	Below Cal	#	74
16) Acetone	3.942	43	915	5.923	ug/l #	71
20) Methylene Chloride	4.716	84	3742	Below Cal	#	82
25) 2-Butanone	6.978	43	406	2.381	ug/l #	46
31) Cyclohexane	7.783	56	928	1.147	ug/l #	23
36) 1,1-Dichloropropene	7.789	75	3842	4.754	ug/l #	49
37) Ethyl Acetate	6.978	43	406	1.140	ug/l #	1
38) Carbon Tetrachloride	7.789	117	5459	5.230	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	16100	47.668	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	16100	98.216	ug/l #	13

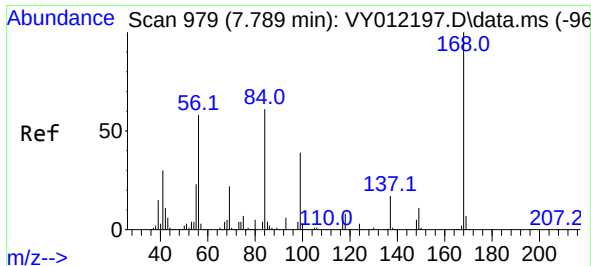
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
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Quant Title : SW846 8260
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Response via : Initial Calibration

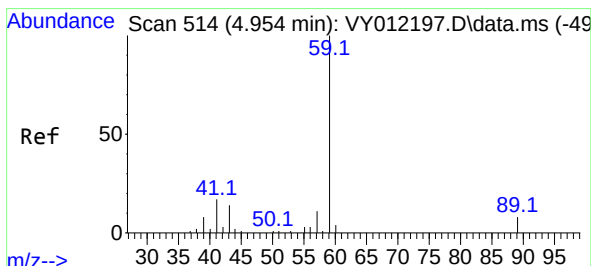
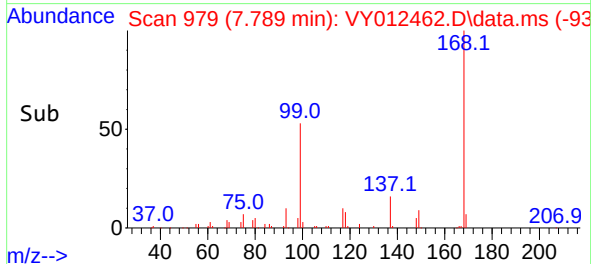
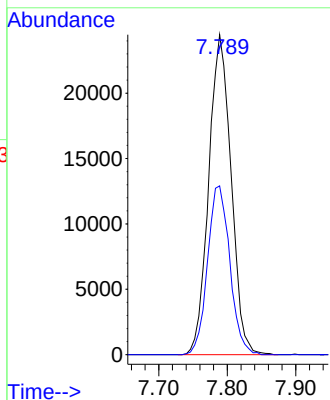
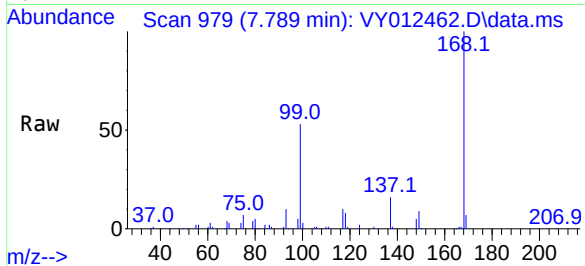




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012462.D
Acq: 02 Feb 2023 17:48

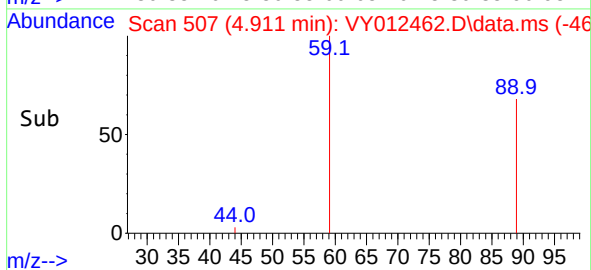
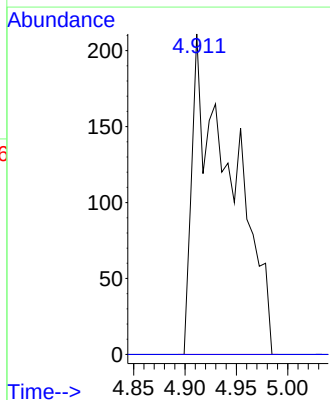
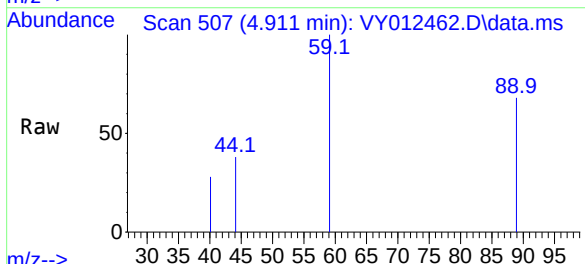
Instrument :
MSVOA_Y
ClientSampleId :
NPHACK-SOIL-0201

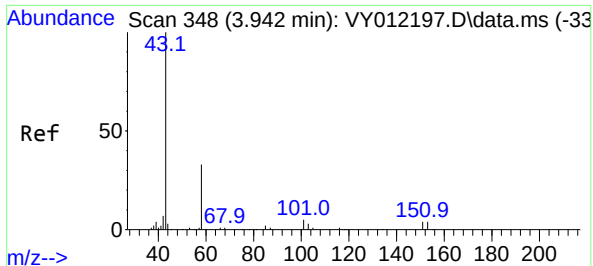
Tgt Ion:168 Resp: 55477
Ion Ratio Lower Upper
168 100
99 52.7 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY012462.D
Acq: 02 Feb 2023 17:48

Tgt Ion: 59 Resp: 560
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

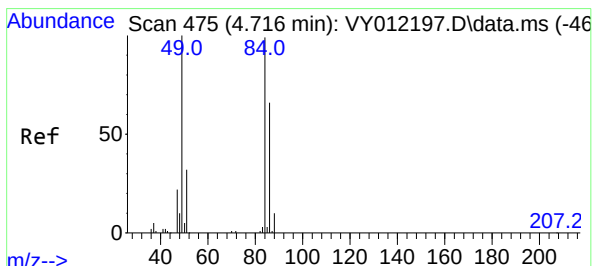
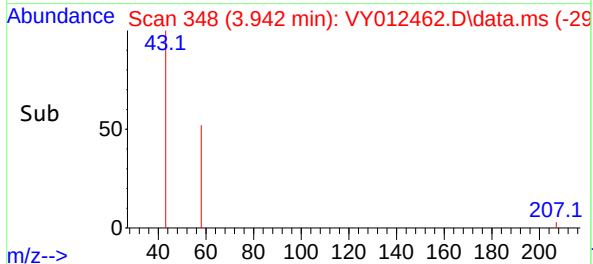
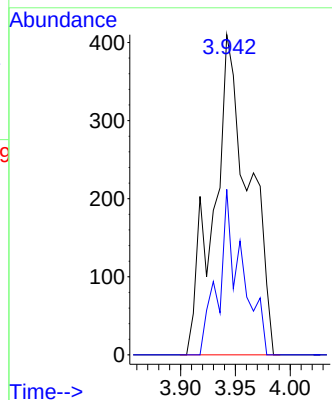
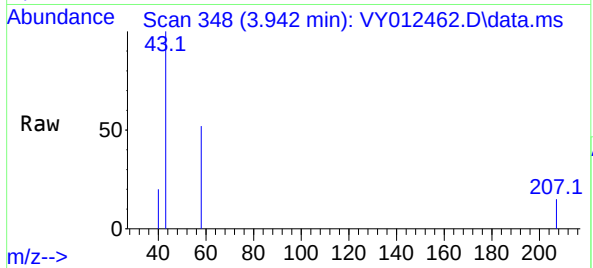




#16
Acetone
Concen: 5.923 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012462.D
Acq: 02 Feb 2023 17:48

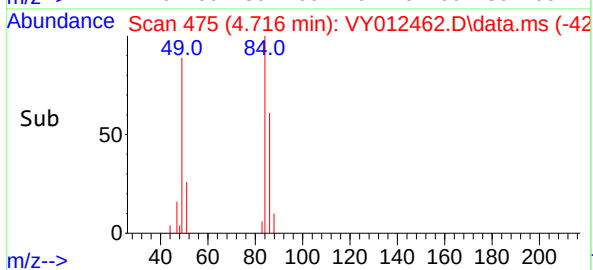
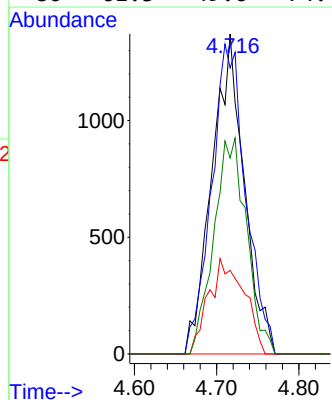
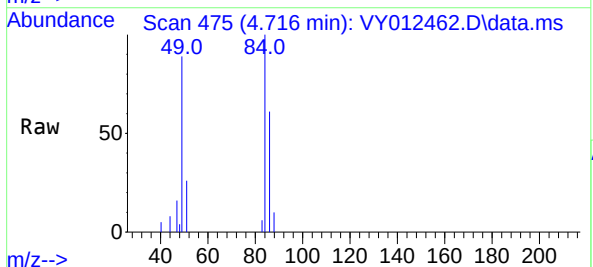
Instrument :
MSVOA_Y
ClientSampleId :
NPHACK-SOIL-0201

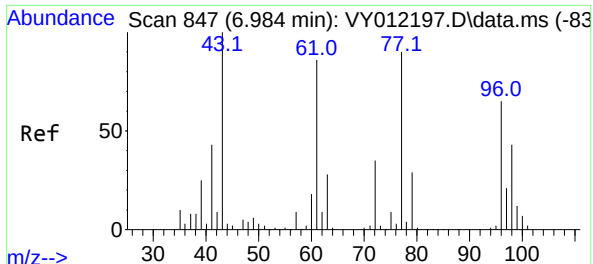
Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
58 51.7 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012462.D
Acq: 02 Feb 2023 17:48

Tgt Ion: 84 Resp: 3742
Ion Ratio Lower Upper
84 100
49 89.4 95.4 143.2#
51 26.1 29.9 44.9#
86 61.3 49.6 74.4

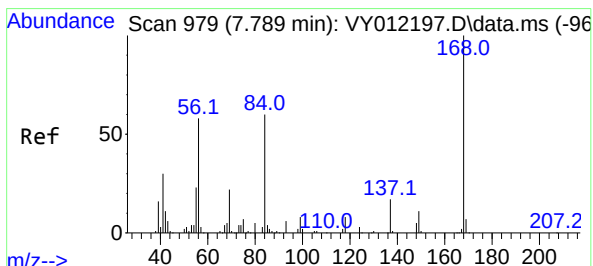
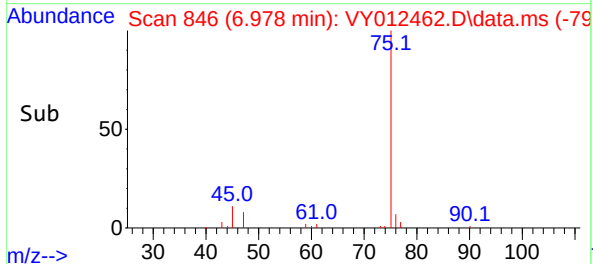
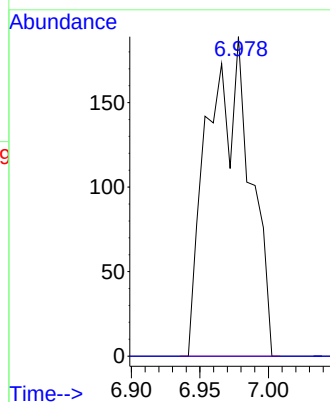
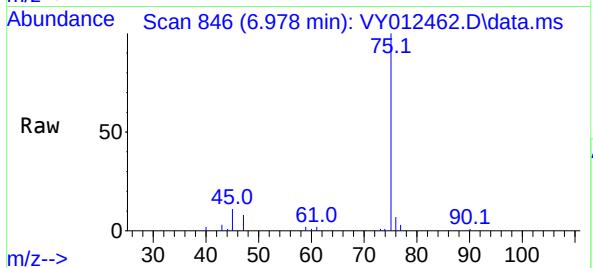




#25
2-Butanone
Concen: 2.381 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY012462.D
Acq: 02 Feb 2023 17:48

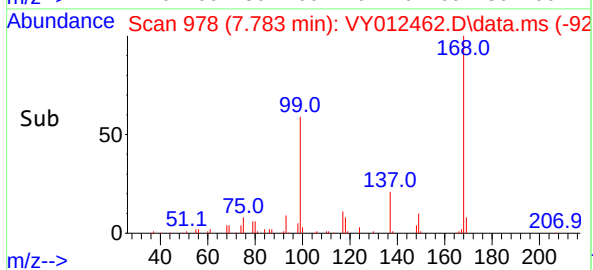
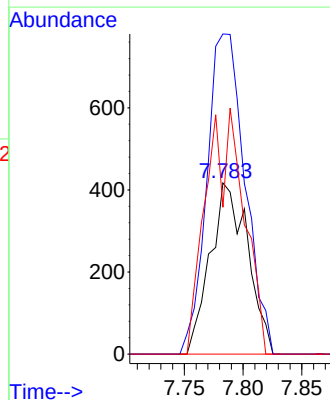
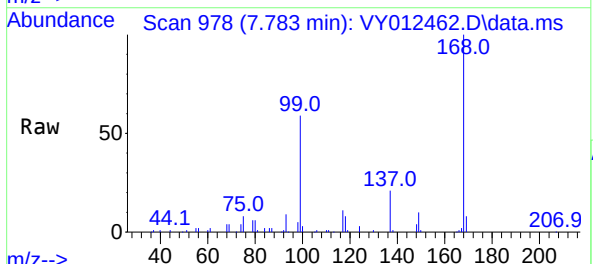
Instrument :
MSVOA_Y
ClientSampleId :
NPHACK-SOIL-0201

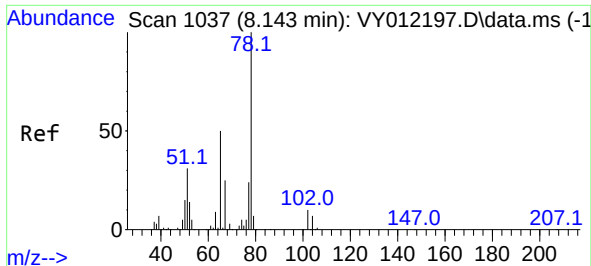
Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY012462.D
Acq: 02 Feb 2023 17:48

Tgt Ion: 56 Resp: 928
Ion Ratio Lower Upper
56 100
69 187.1 29.2 43.8#
84 85.9 72.6 108.8





#33

1,2-Dichloroethane-d4

Concen: 68.275 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VY012462.D

Acq: 02 Feb 2023 17:48

Instrument :

MSVOA_Y

ClientSampleId :

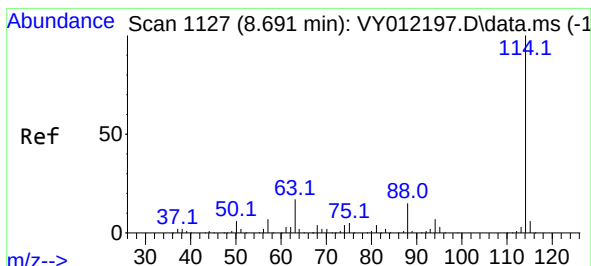
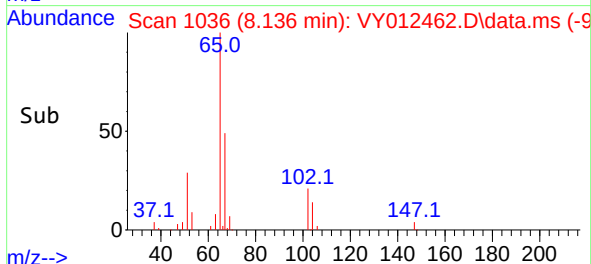
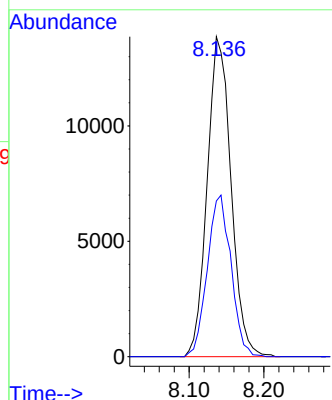
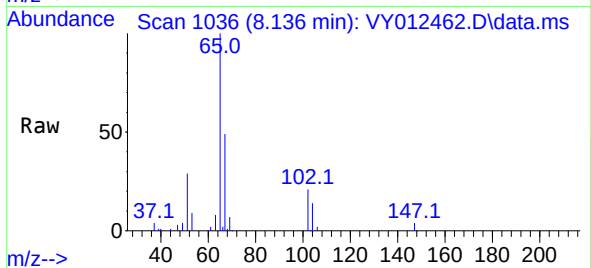
NPHACK-SOIL-0201

Tgt Ion: 65 Resp: 30735

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012462.D

Acq: 02 Feb 2023 17:48

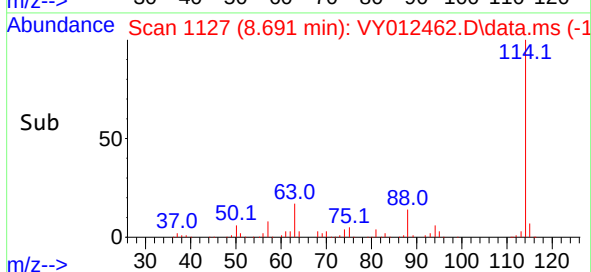
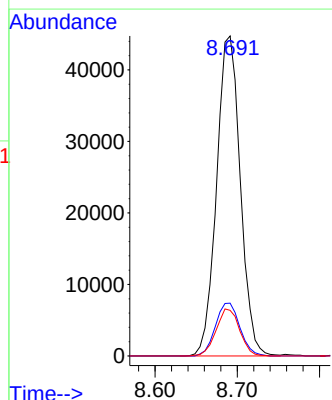
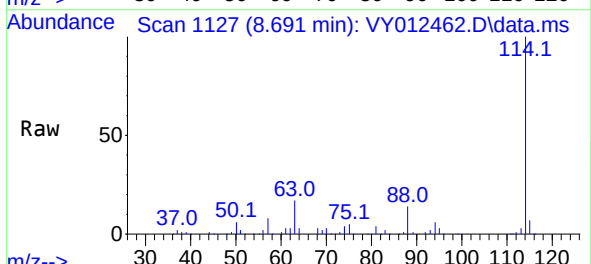
Tgt Ion: 114 Resp: 89812

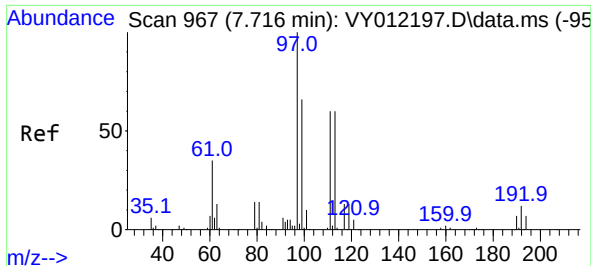
Ion Ratio Lower Upper

114 100

63 16.5 0.0 39.6

88 14.2 0.0 32.2

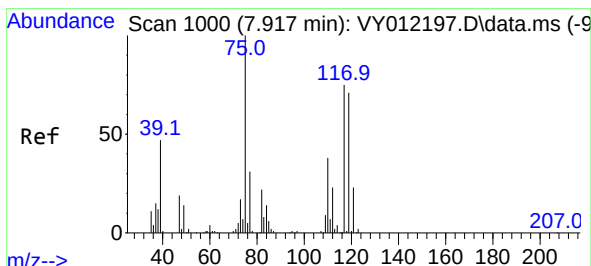
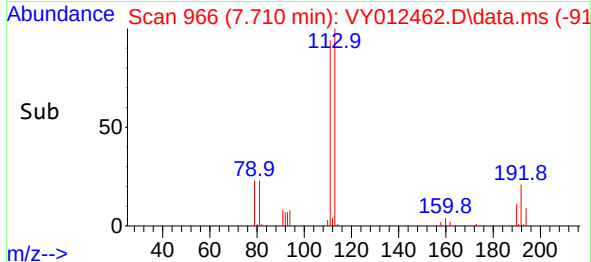
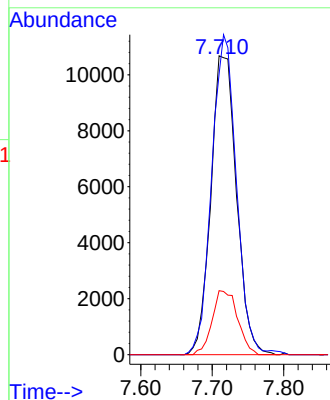
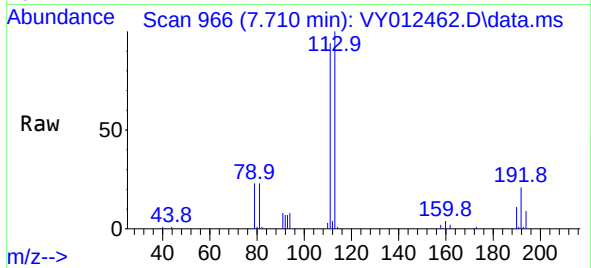




#35
Dibromofluoromethane
Concen: 56.147 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY012462.D
Acq: 02 Feb 2023 17:48

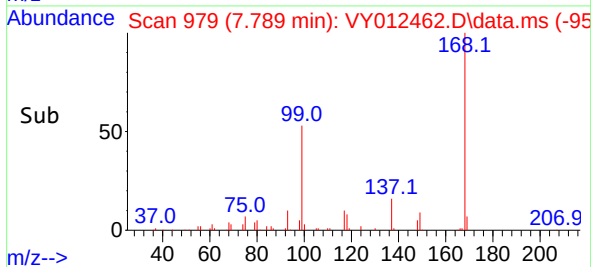
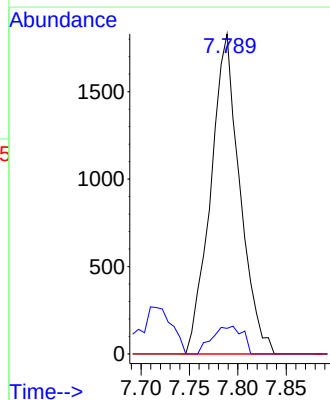
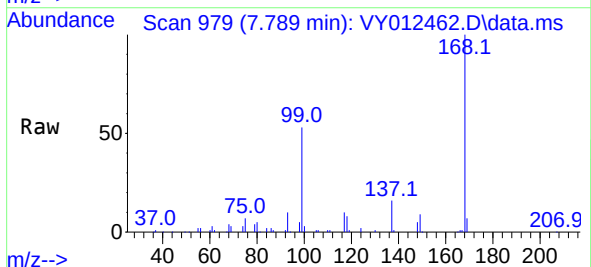
Instrument :
MSVOA_Y
ClientSampleId :
NPHACK-SOIL-0201

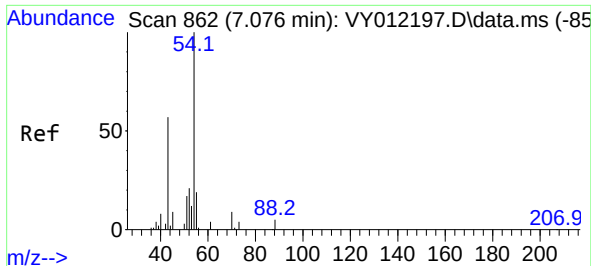
Tgt Ion:113 Resp: 26701
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.4
192 21.2 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012462.D
Acq: 02 Feb 2023 17:48

Tgt Ion: 75 Resp: 3842
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.140 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY012462.D

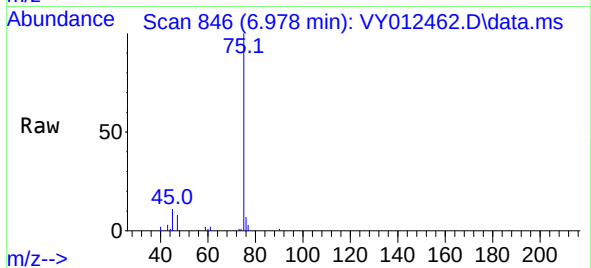
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Instrument :

MSVOA_Y

ClientSampleId :

NPHACK-SOIL-0201



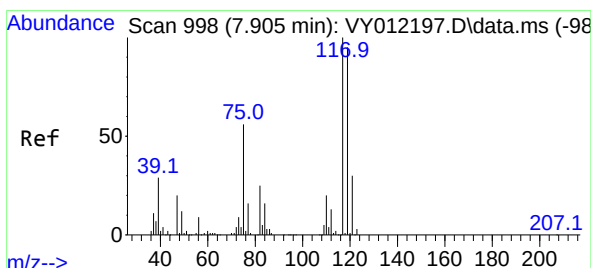
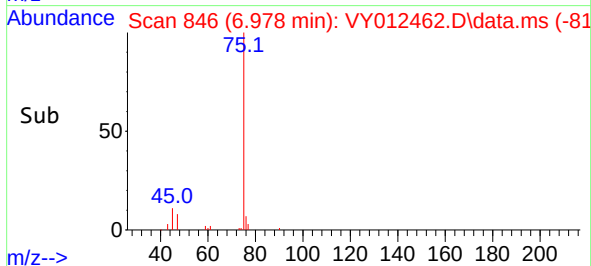
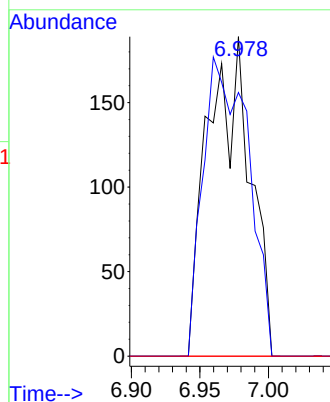
Tgt Ion: 43 Resp: 406

Ion Ratio Lower Upper

43 100

61 100.0 11.3 16.9#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 5.230 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012462.D

Acq: 02 Feb 2023 17:48

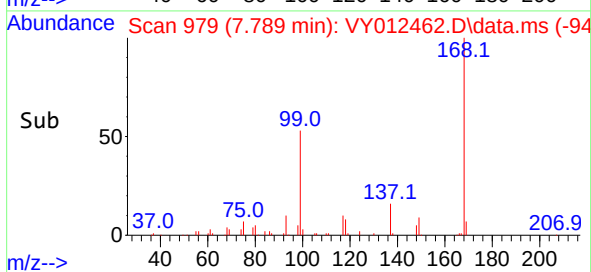
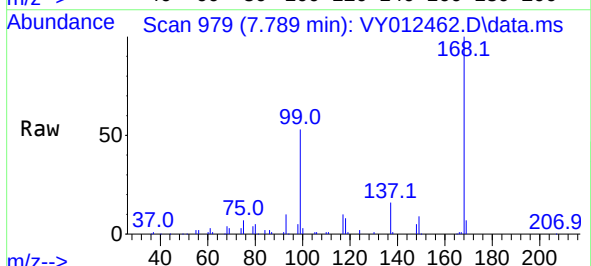
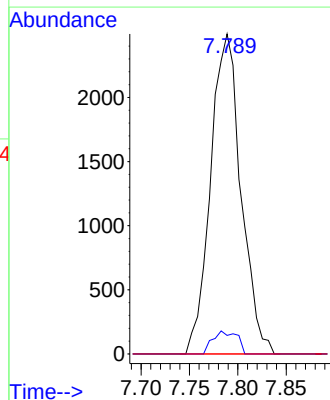
Tgt Ion: 117 Resp: 5459

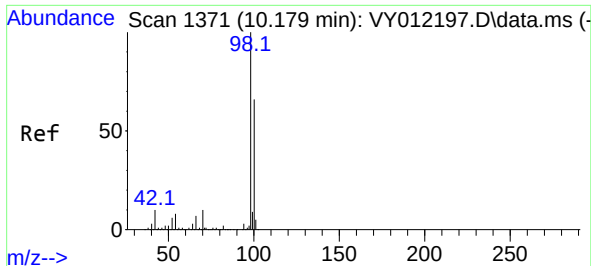
Ion Ratio Lower Upper

117 100

119 5.8 73.8 110.8#

121 0.0 25.2 37.8#

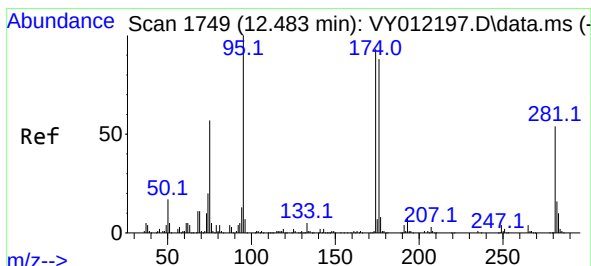
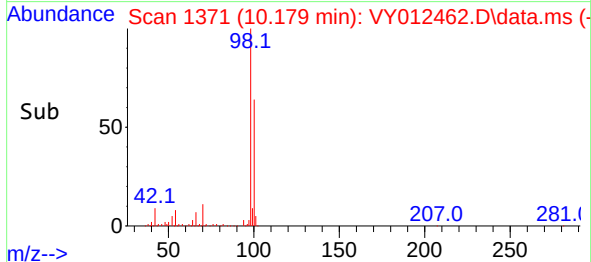
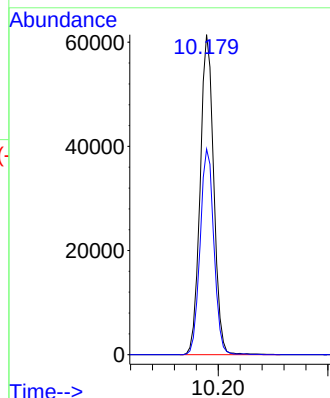
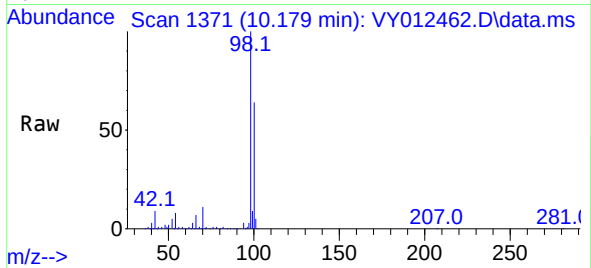




#50
Toluene-d8
Concen: 65.421 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012462.D
Acq: 02 Feb 2023 17:48

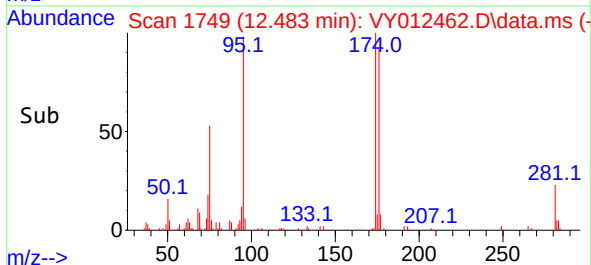
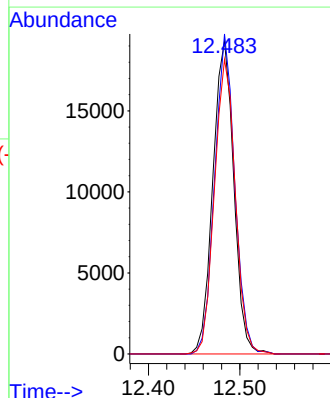
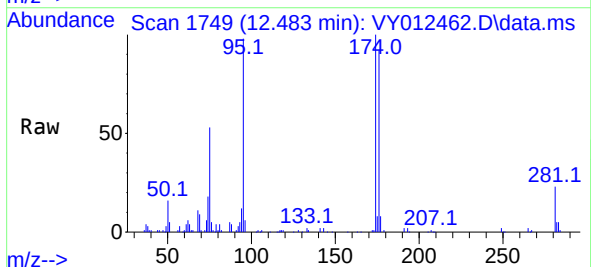
Instrument :
MSVOA_Y
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NPHACK-SOIL-0201

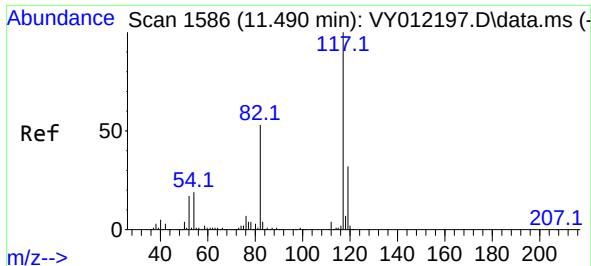
Tgt Ion: 98 Resp: 105594
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.692 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012462.D
Acq: 02 Feb 2023 17:48

Tgt Ion: 95 Resp: 30631
Ion Ratio Lower Upper
95 100
174 98.2 0.0 172.0
176 93.9 0.0 167.6

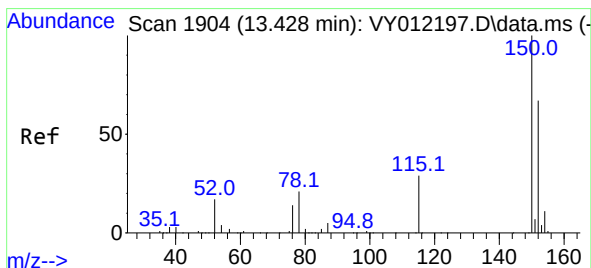
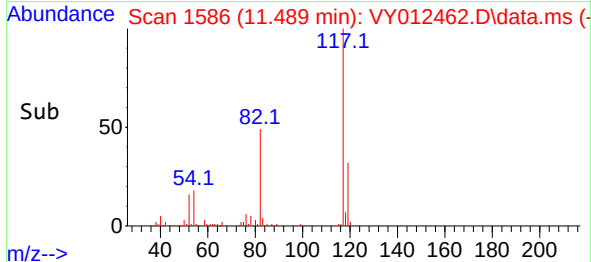
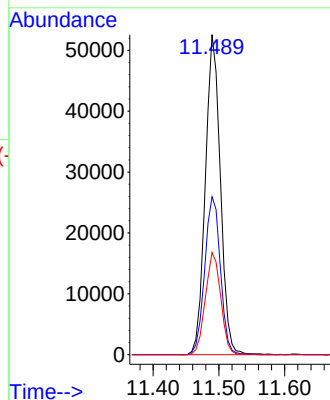
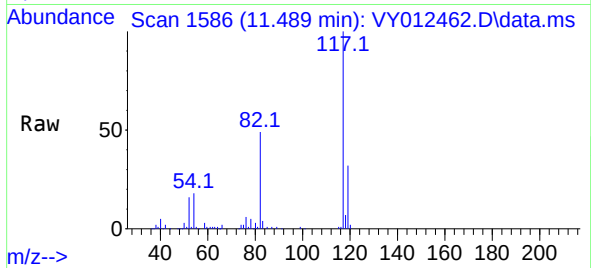




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY012462.D
Acq: 02 Feb 2023 17:48

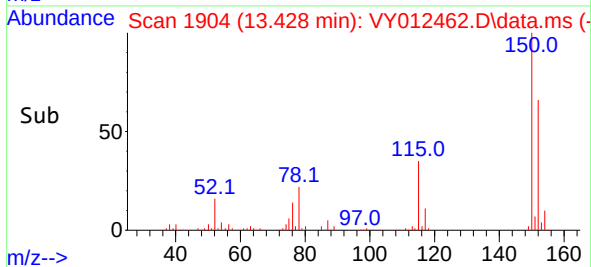
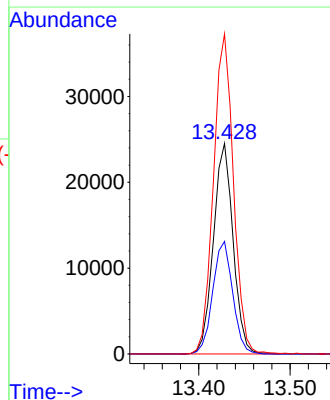
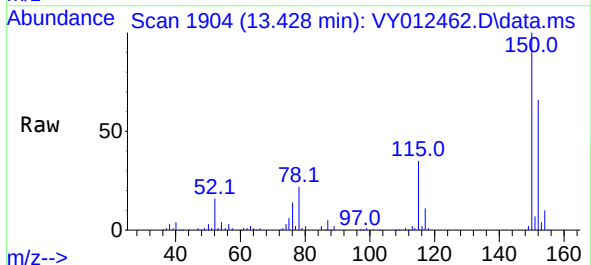
Instrument :
MSVOA_Y
ClientSampleId :
NPHACK-SOIL-0201

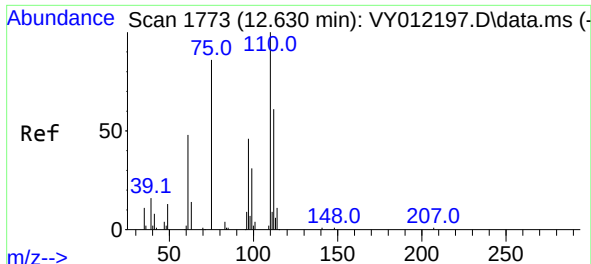
Tgt Ion:117	Resp:	83673
Ion Ratio	Lower	Upper
117	100	
82	49.3	44.8 67.2
119	32.0	25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012462.D
Acq: 02 Feb 2023 17:48

Tgt Ion:152	Resp:	36731
Ion Ratio	Lower	Upper
152	100	
115	54.1	29.1 87.3
150	154.4	0.0 342.6

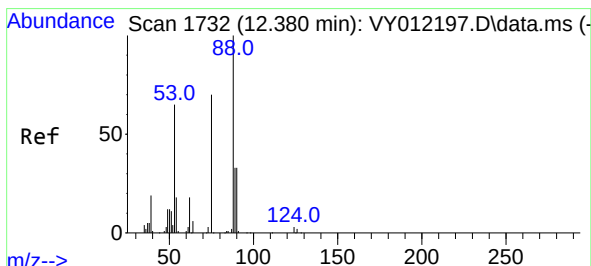
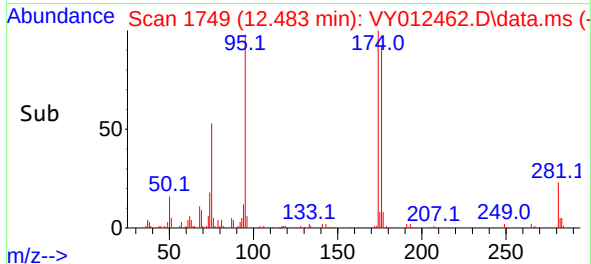
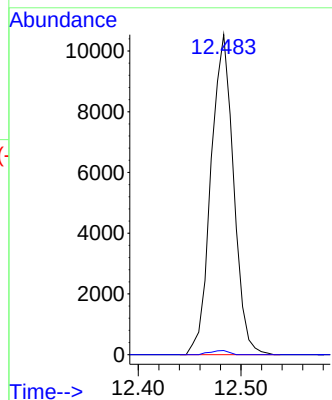
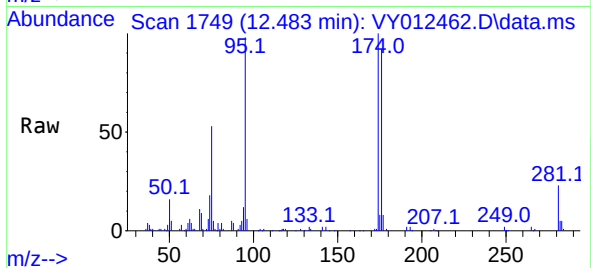




#76
1,2,3-Trichloropropane
Concen: 47.668 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012462.D
Acq: 02 Feb 2023 17:48

Instrument :
MSVOA_Y
ClientSampleId :
NPHACK-SOIL-0201

Tgt Ion: 75 Resp: 16100
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012462.D
Acq: 02 Feb 2023 17:48

Tgt Ion: 75 Resp: 16100
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

