

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012472.D
 Acq On : 03 Feb 2023 13:16
 Operator : KP/MD
 Sample : 01404-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NPHACK-SOIL-0201RE

Quant Time: Feb 04 00:08:04 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	11081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	18262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7766	87.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	175.000%#
35) Dibromofluoromethane	7.722	113	5264	55.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.140%
50) Toluene-d8	10.185	98	21583	66.604	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.200%
62) 4-Bromofluorobenzene	12.483	95	6631	49.208	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.420%

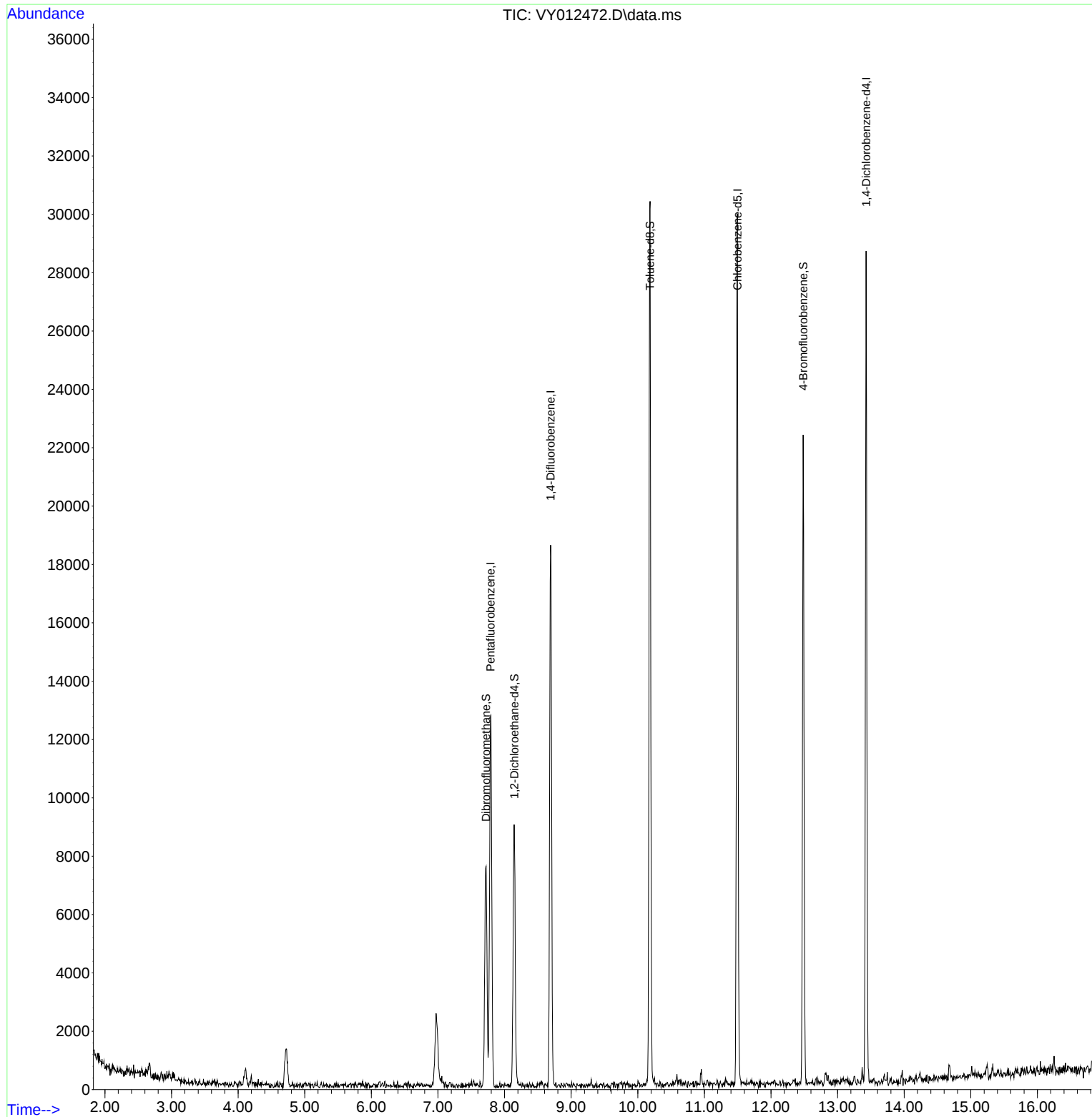
Target Compounds	Qvalue

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

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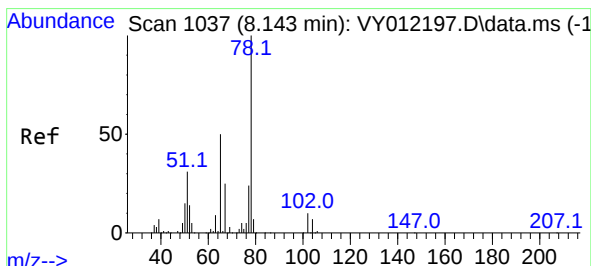
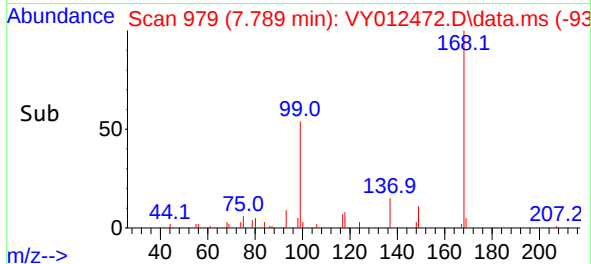
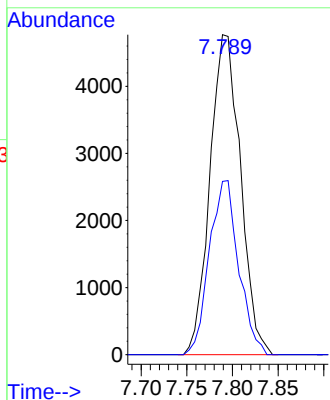
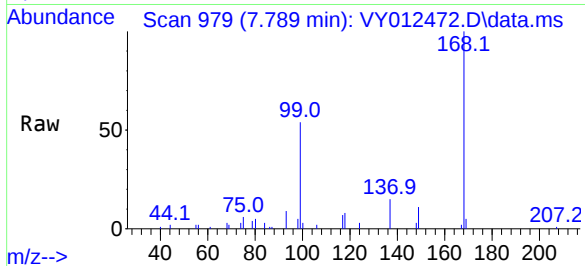




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

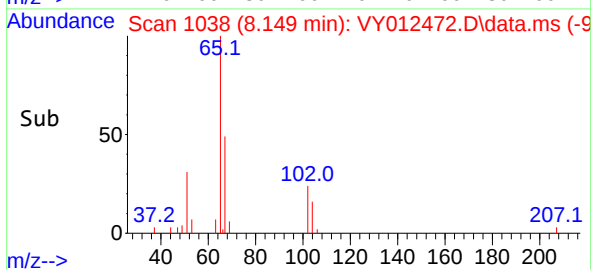
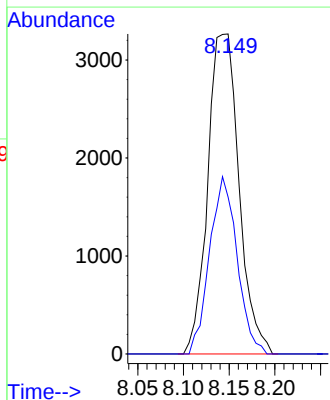
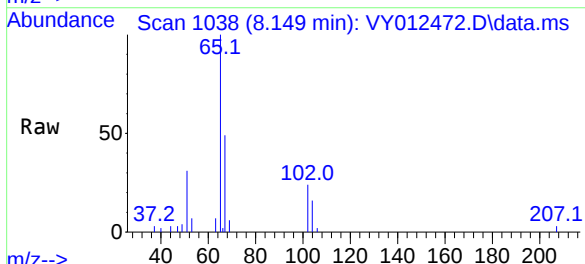
Instrument :
MSVOA_Y
ClientSampleId :
NPHACK-SOIL-0201RE

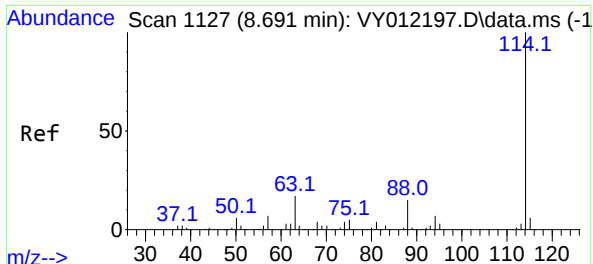
Tgt Ion:168 Resp: 11081
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 87.501 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

Tgt Ion: 65 Resp: 7766
Ion Ratio Lower Upper
65 100
67 48.8 0.0 103.2

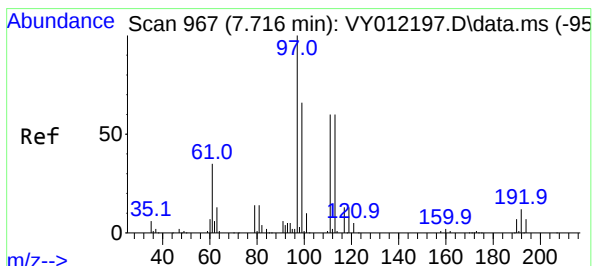
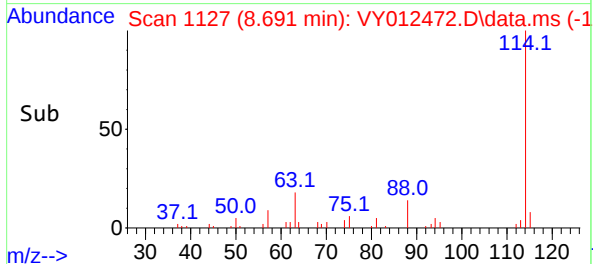
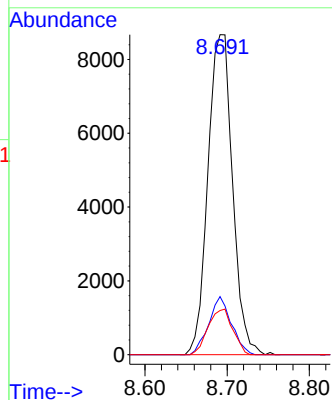
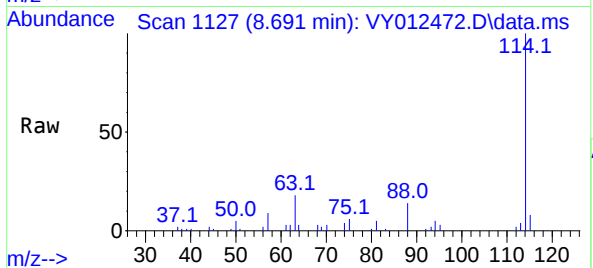




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

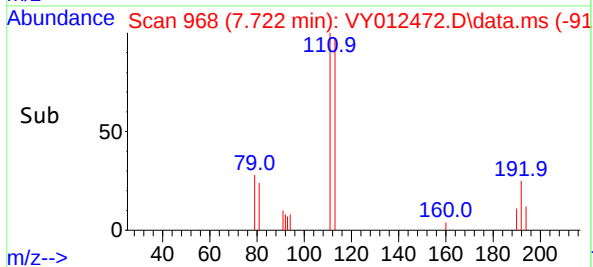
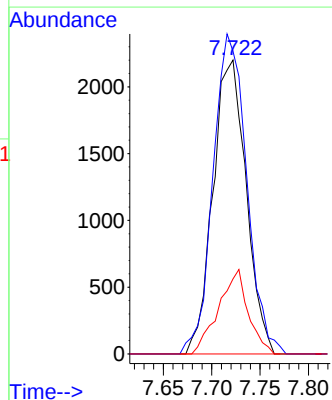
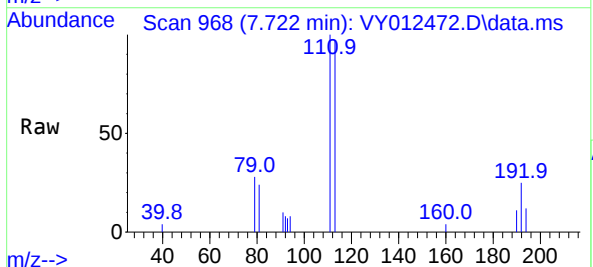
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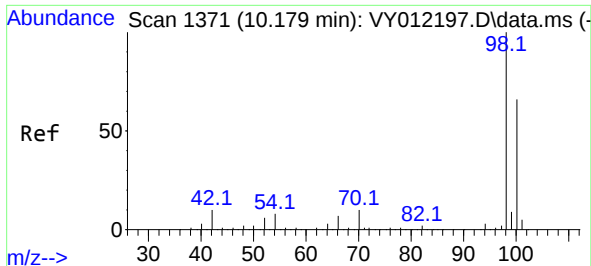
Tgt Ion:	114	Resp:	18053
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	39.6
88	13.8	0.0	32.2



#35
Dibromofluoromethane
Concen: 55.068 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

Tgt Ion:	113	Resp:	5264
Ion	Ratio	Lower	Upper
113	100		
111	110.0	83.0	124.4
192	25.6	16.0	24.0

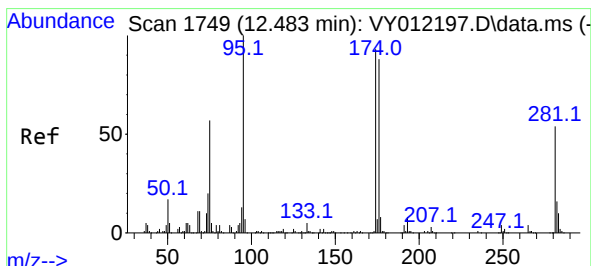
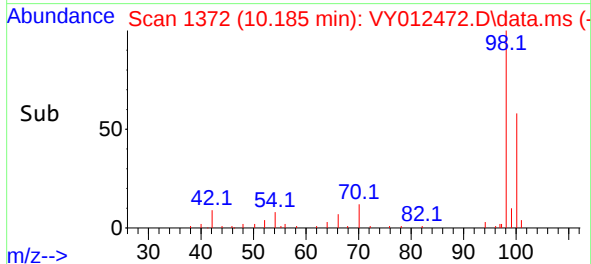
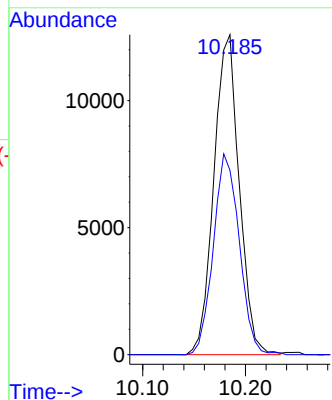
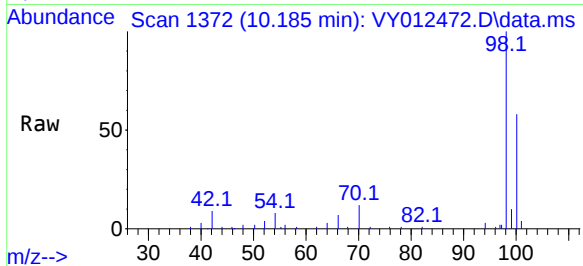




#50
Toluene-d8
Concen: 66.604 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

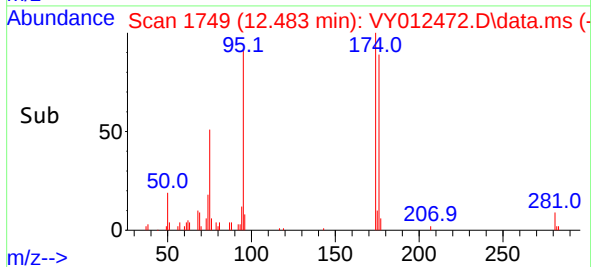
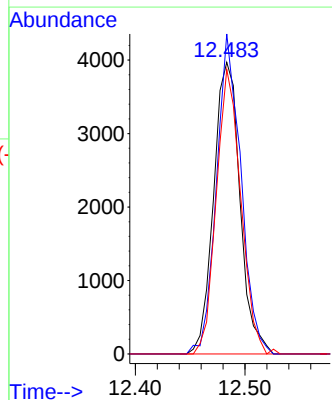
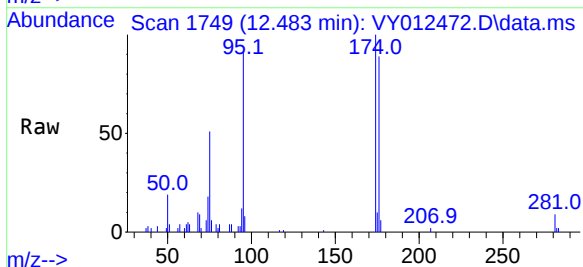
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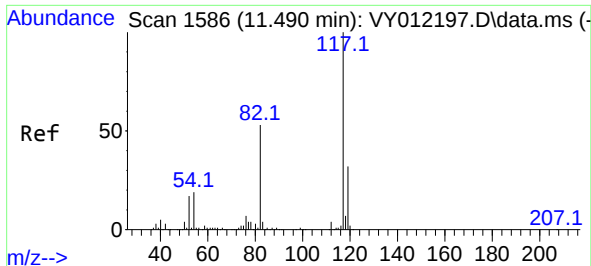
Tgt Ion: 98 Resp: 21583
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.208 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

Tgt Ion: 95 Resp: 6631
Ion Ratio Lower Upper
95 100
174 101.3 0.0 172.0
176 90.6 0.0 167.6

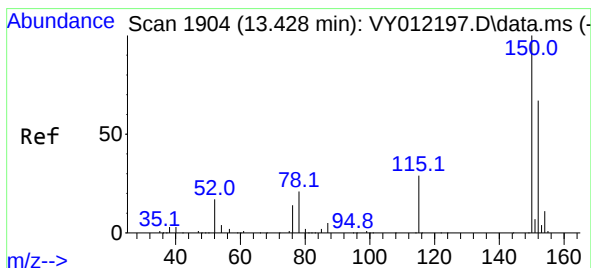
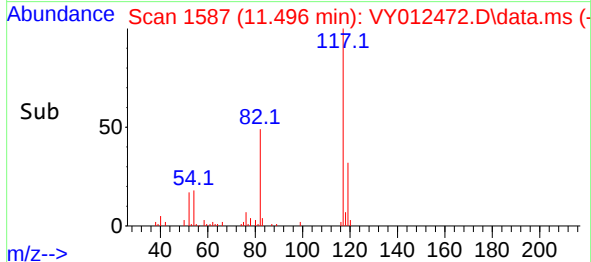
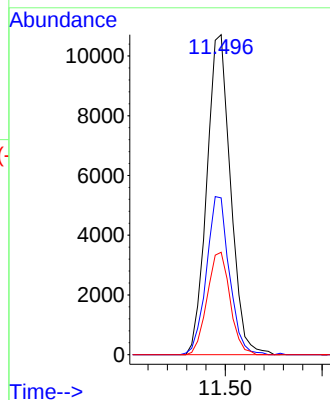
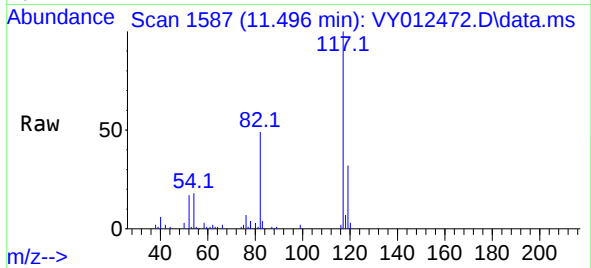




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

Instrument :
MSVOA_Y
ClientSampleId :
NPHACK-SOIL-0201RE

Tgt Ion:	117	Resp:	18262
Ion Ratio	Lower	Upper	
117	100		
82	49.0	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: VY012472.D
Acq: 03 Feb 2023 13:16

Tgt Ion:	152	Resp:	8112
Ion Ratio	Lower	Upper	
152	100		
115	55.8	29.1	87.3
150	151.4	0.0	342.6

