

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010798.D
 Acq On : 04 Oct 2022 16:18
 Operator : KP/MD
 Sample : N4943-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-001-0930

Quant Time: Oct 05 07:31:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	5080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	7296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1919	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	2902	56.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.720%
35) Dibromofluoromethane	7.722	113	1248	22.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.580%#
50) Toluene-d8	10.179	98	6782	36.216	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	72.440%
62) 4-Bromofluorobenzene	12.483	95	2164	27.956	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	55.920%

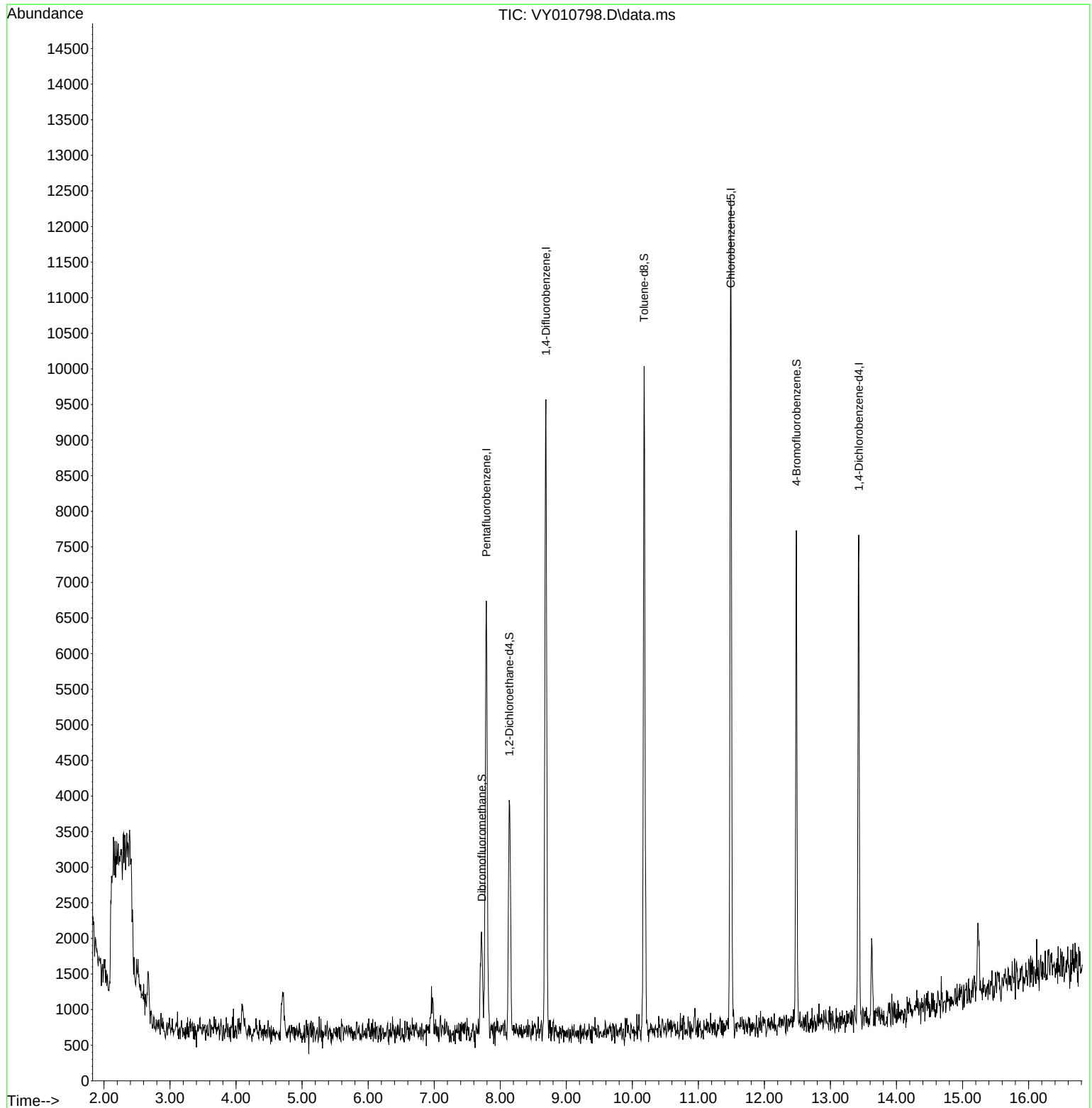
Target Compounds	Qvalue

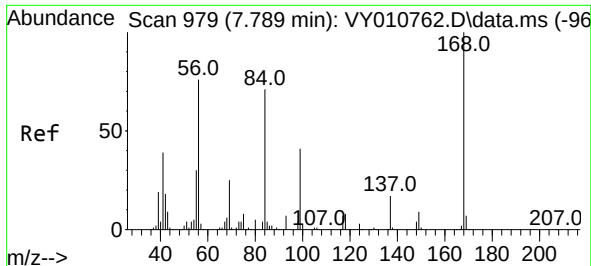
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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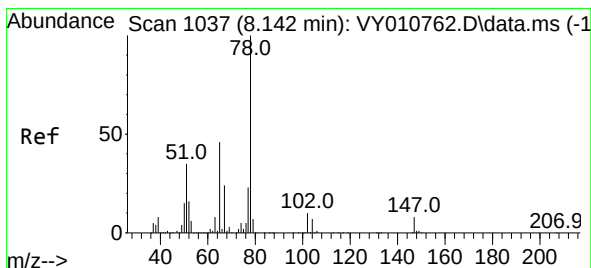
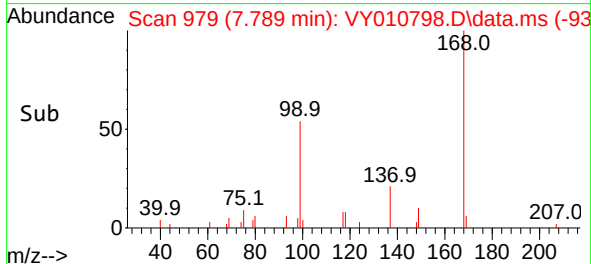
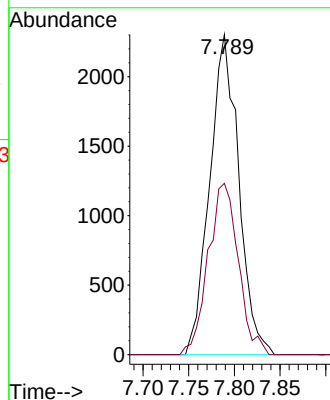
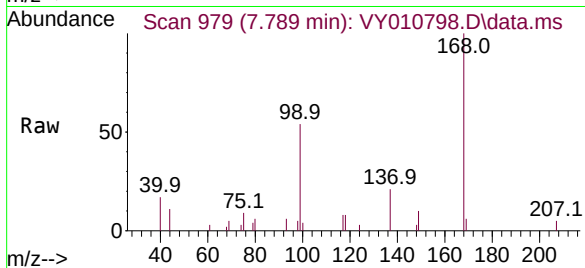




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010798.D
Acq: 04 Oct 2022 16:18

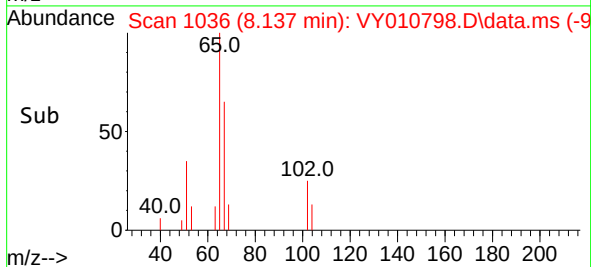
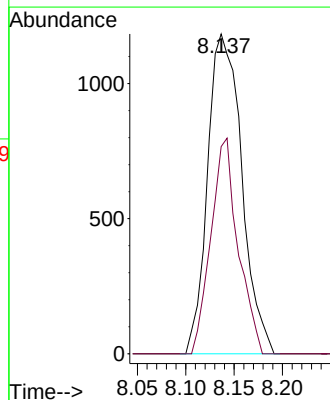
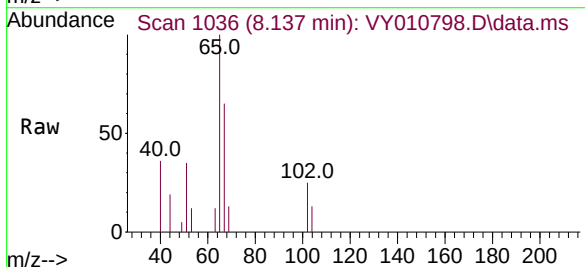
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-001-0930

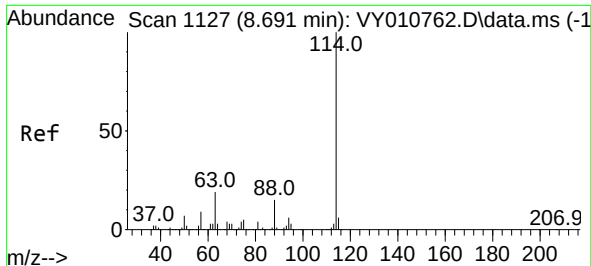
Tgt Ion:168 Resp: 5080
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.358 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010798.D
Acq: 04 Oct 2022 16:18

Tgt Ion: 65 Resp: 2902
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010798.D

Acq: 04 Oct 2022 16:18

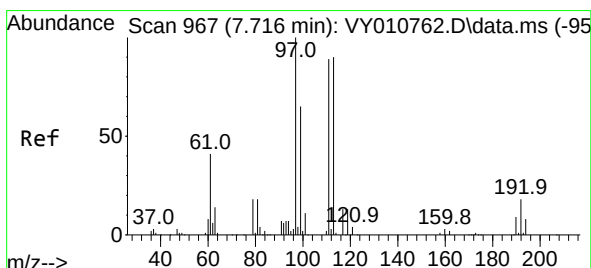
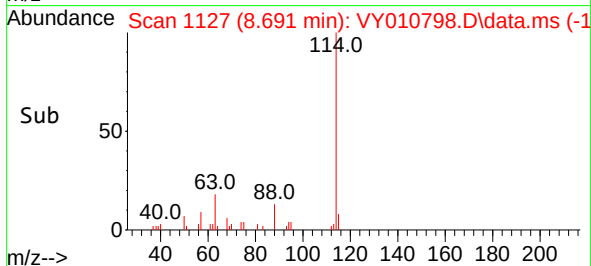
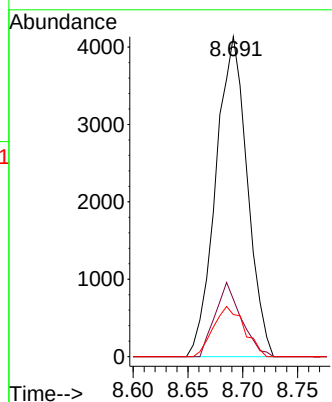
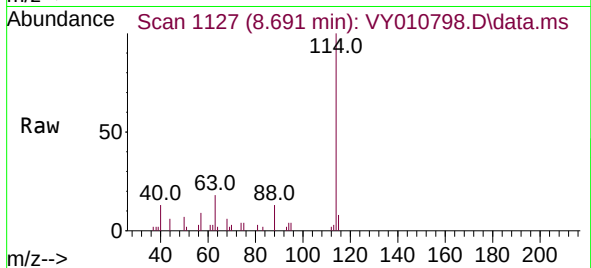
Instrument :

MSVOA_Y

ClientSampleId :

SOIL-001-0930

Tgt Ion:	114	Resp:	8249
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	43.2
88	13.1	0.0	31.8



#35

Dibromofluoromethane

Concen: 22.791 ug/l

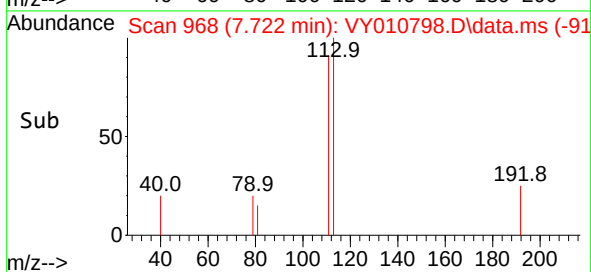
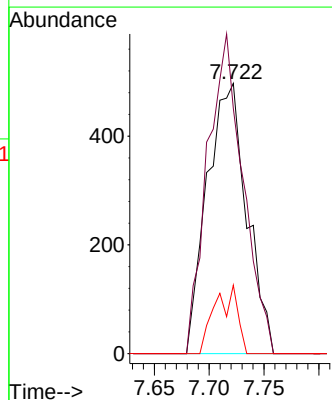
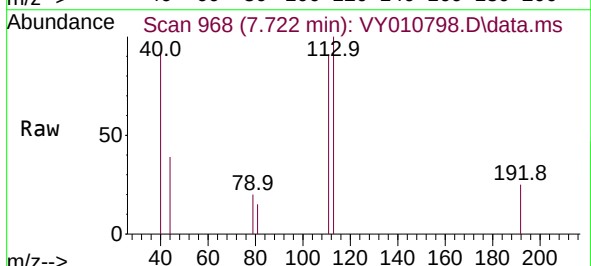
RT: 7.722 min Scan# 968

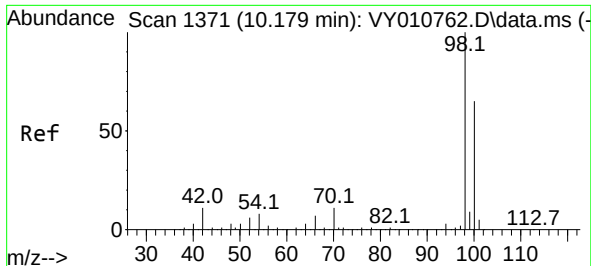
Delta R.T. 0.006 min

Lab File: VY010798.D

Acq: 04 Oct 2022 16:18

Tgt Ion:	113	Resp:	1248
Ion	Ratio	Lower	Upper
113	100		
111	106.2	82.6	124.0
192	14.5	17.6	26.4

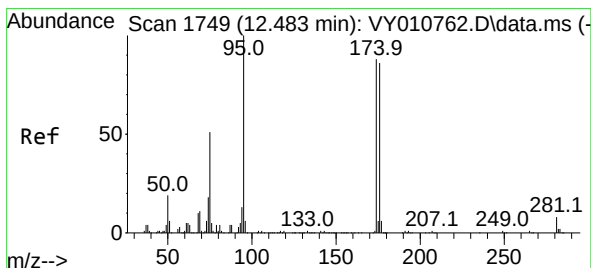
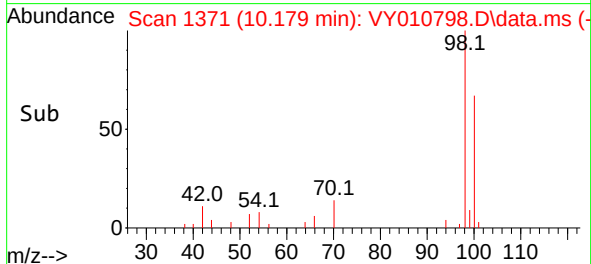
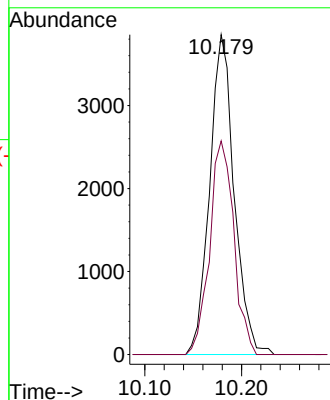
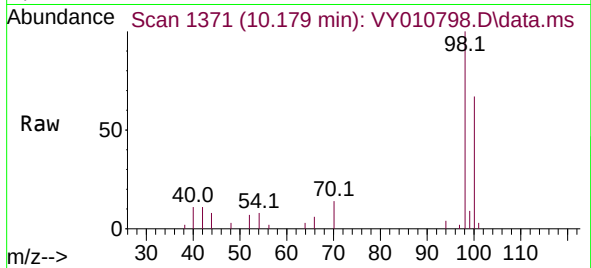




#50
Toluene-d8
Concen: 36.216 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010798.D
Acq: 04 Oct 2022 16:18

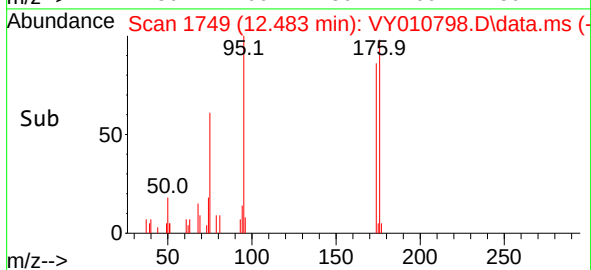
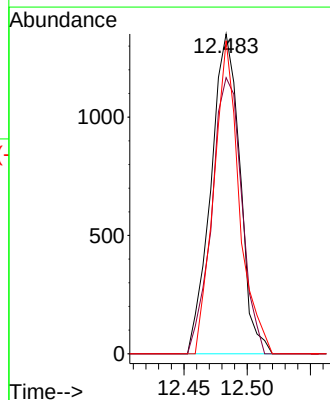
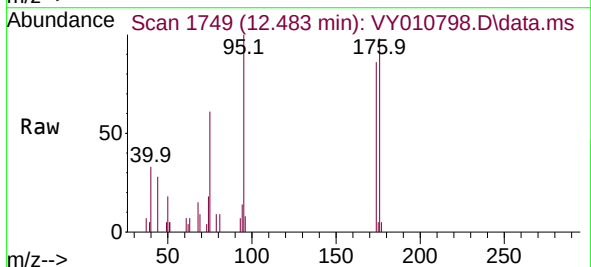
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-001-0930

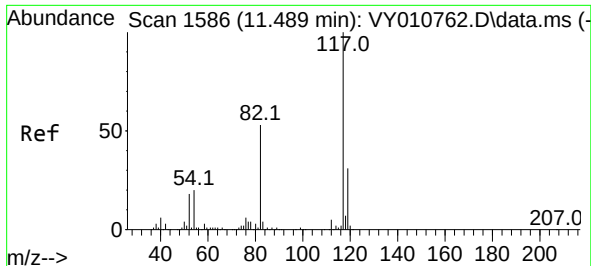
Tgt Ion: 98 Resp: 6782
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 27.956 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010798.D
Acq: 04 Oct 2022 16:18

Tgt Ion: 95 Resp: 2164
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 85.9 0.0 175.8

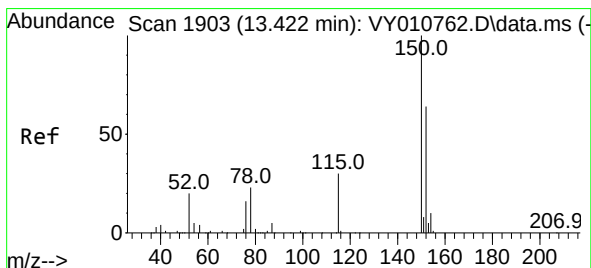
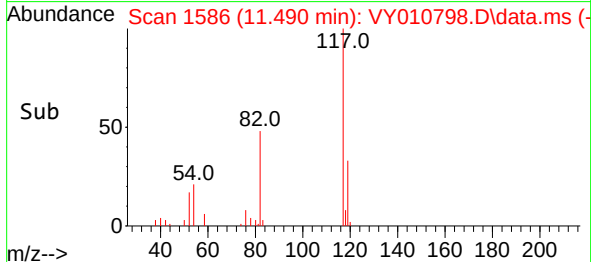
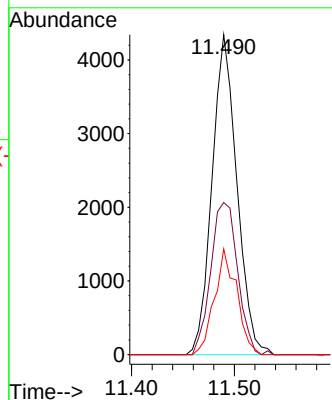
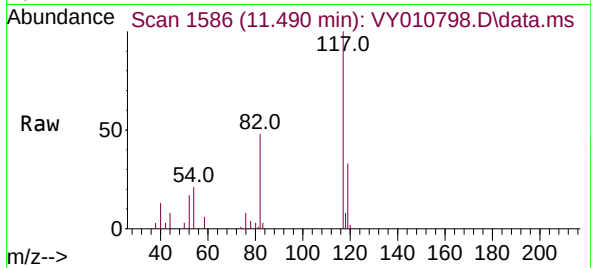




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010798.D
Acq: 04 Oct 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-001-0930

Tgt Ion:117	Resp:	7296
Ion Ratio	Lower	Upper
117	100	
82	47.5	43.0 64.4
119	33.0	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010798.D
Acq: 04 Oct 2022 16:18

Tgt Ion:152	Resp:	1919
Ion Ratio	Lower	Upper
152	100	
115	60.1	28.2 84.7
150	169.0	0.0 347.6

