

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020266.D
 Acq On : 12 Nov 2024 14:38
 Operator : SY/MD
 Sample : P4779-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-01RE

Quant Time: Nov 13 00:35:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	7140	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	14385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	10452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	2638	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	7590	85.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	170.340%#
35) Dibromofluoromethane	7.628	113	4878	53.335	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.680%
50) Toluene-d8	10.109	98	15982	43.900	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.800%
62) 4-Bromofluorobenzene	12.407	95	2709	22.909	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	45.820%

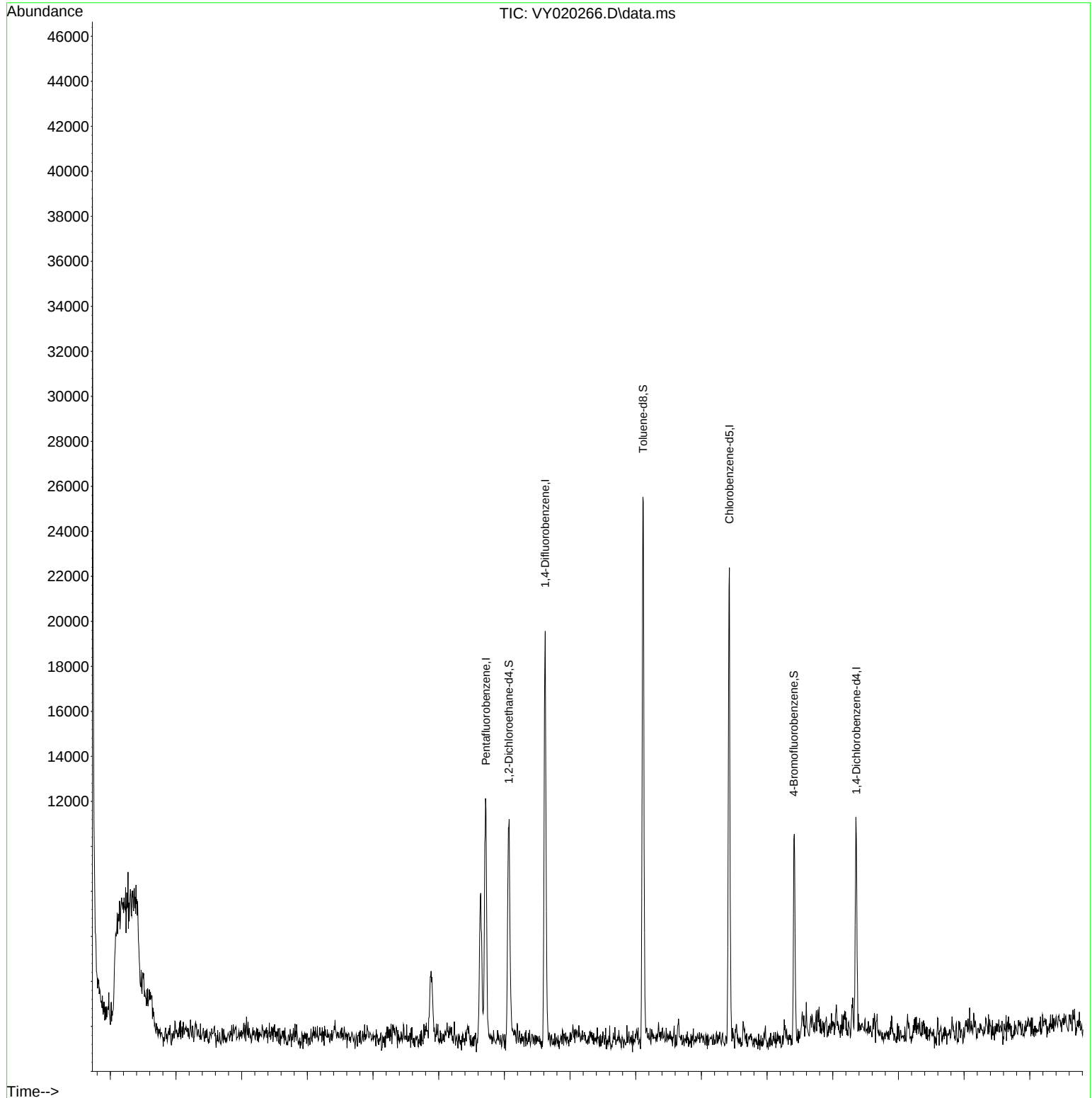
Target Compounds Qvalue

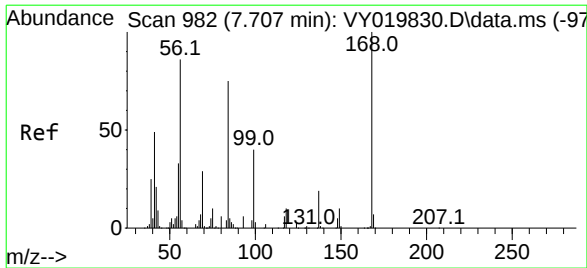
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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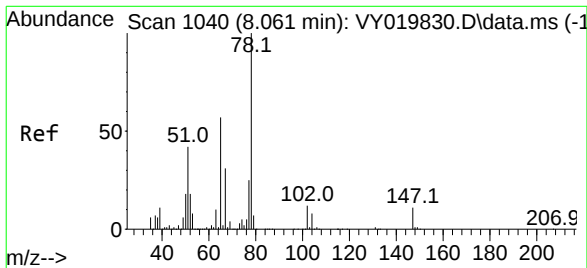
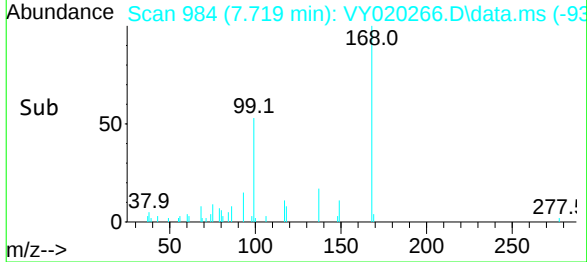
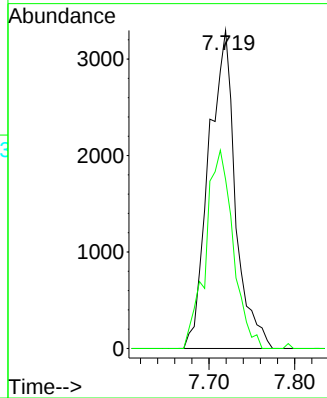
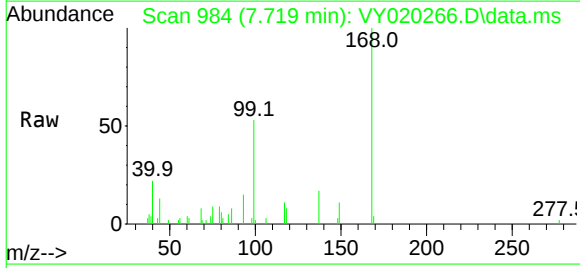




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.012 min
Lab File: VY020266.D
Acq: 12 Nov 2024 14:38

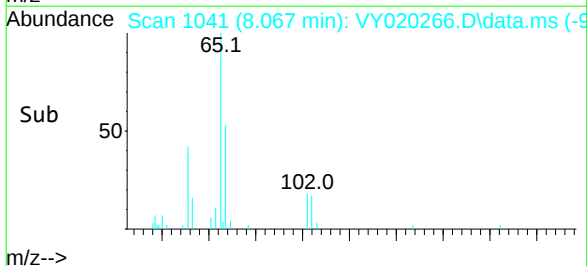
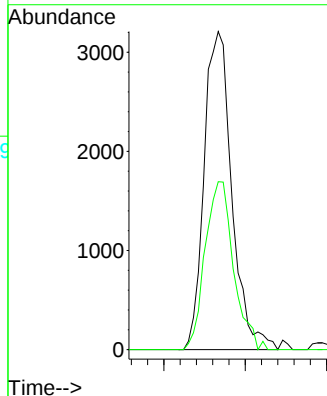
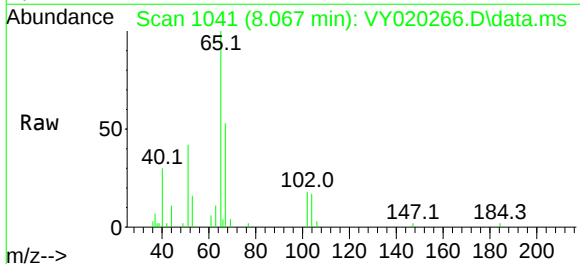
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-01RE

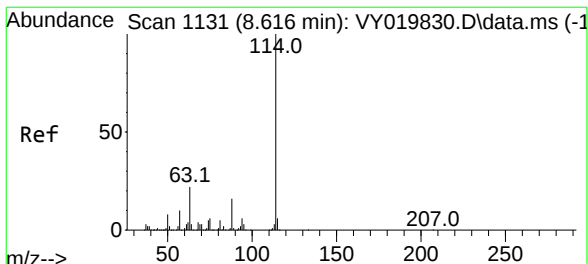
Tgt Ion: 168 Resp: 7140
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 85.174 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020266.D
Acq: 12 Nov 2024 14:38

Tgt Ion: 65 Resp: 7590
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.6

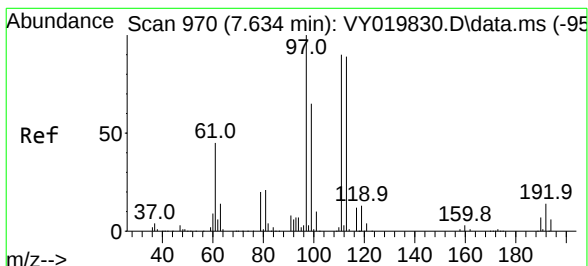
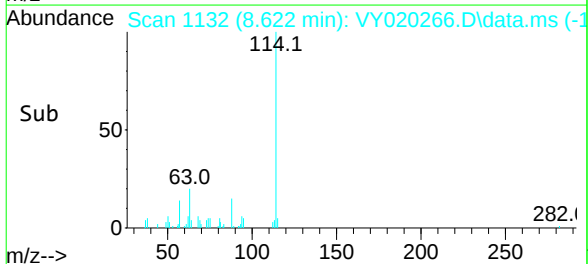
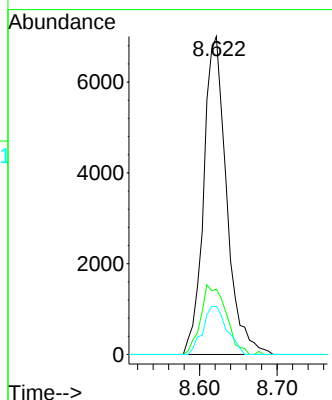
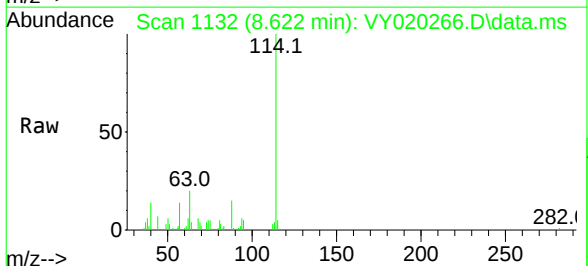




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1131
 Delta R.T. 0.006 min
 Lab File: VY020266.D
 Acq: 12 Nov 2024 14:38

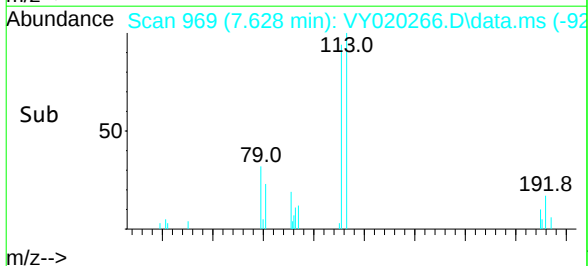
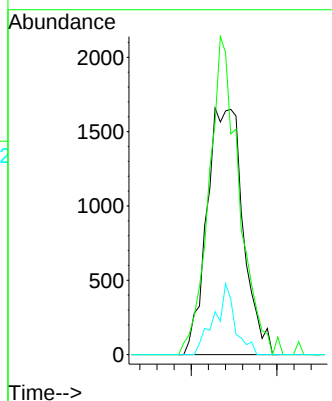
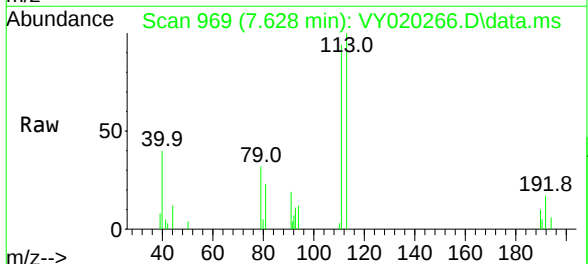
Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-01RE

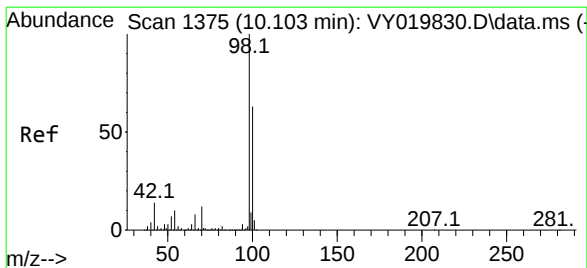
Tgt Ion:	114	Resp:	14385
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	35.0
88	15.1	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 53.335 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. -0.006 min
 Lab File: VY020266.D
 Acq: 12 Nov 2024 14:38

Tgt Ion:	113	Resp:	4878
Ion	Ratio	Lower	Upper
113	100		
111	107.6	82.2	123.4
192	16.4	15.9	23.9





#50

Toluene-d8

Concen: 43.900 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020266.D

Acq: 12 Nov 2024 14:38

Instrument :

MSVOA_Y

ClientSampleId :

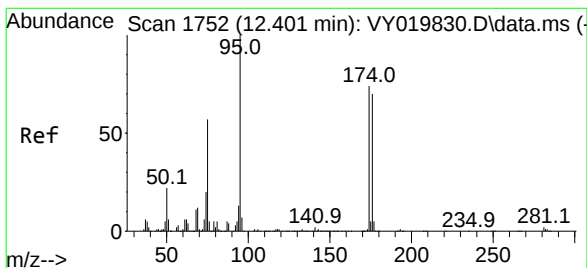
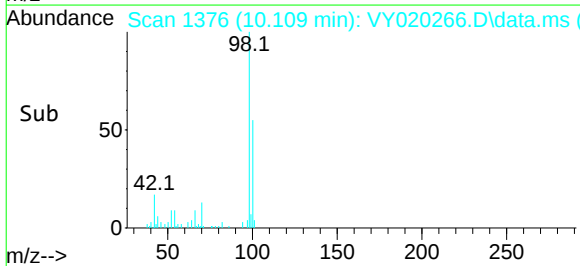
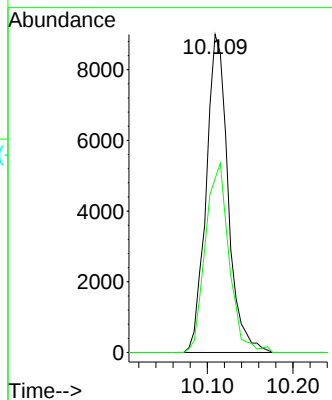
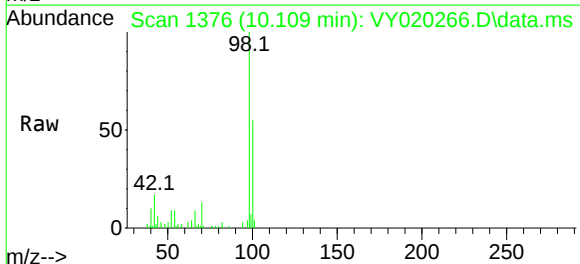
SOIL-01RE

Tgt Ion: 98 Resp: 15982

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 22.909 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020266.D

Acq: 12 Nov 2024 14:38

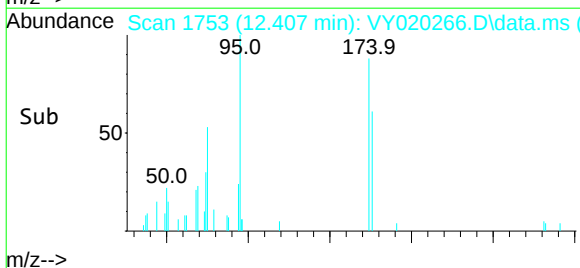
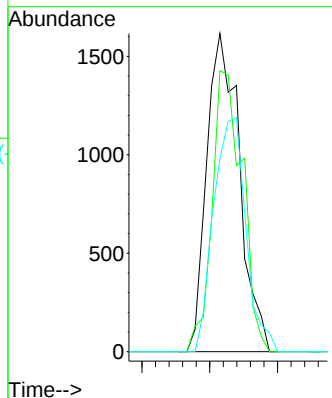
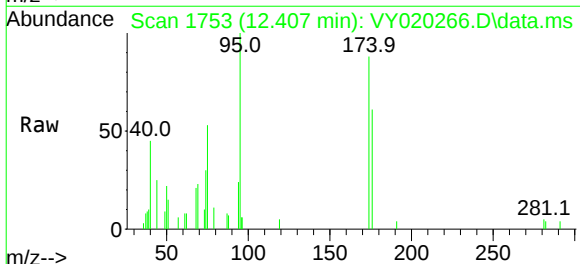
Tgt Ion: 95 Resp: 2709

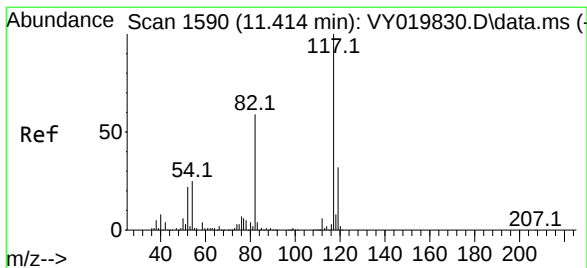
Ion Ratio Lower Upper

95 100

174 81.5 0.0 175.6

176 72.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020266.D

Acq: 12 Nov 2024 14:38

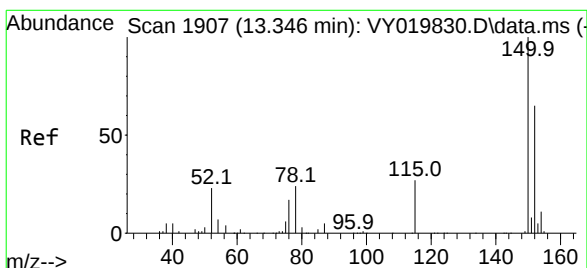
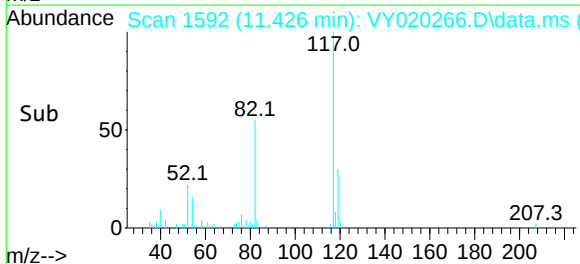
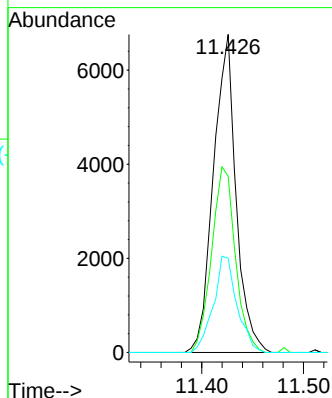
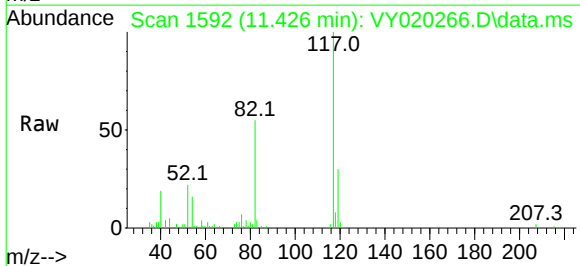
Instrument :

MSVOA_Y

ClientSampleId :

SOIL-01RE

Tgt Ion:	117	Resp:	10452
Ion Ratio	Lower	Upper	
117	100		
82	55.4	42.4	63.6
119	29.6	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.012 min

Lab File: VY020266.D

Acq: 12 Nov 2024 14:38

Tgt Ion:	152	Resp:	2638
Ion Ratio	Lower	Upper	
152	100		
115	58.2	28.2	84.7
150	131.8	0.0	345.6

