

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
 Data File : VY014937.D
 Acq On : 02 Aug 2023 17:40
 Operator : SY/MD
 Sample : 03849-01
 Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GROVE-SOIL-0731

Quant Time: Aug 03 02:45:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

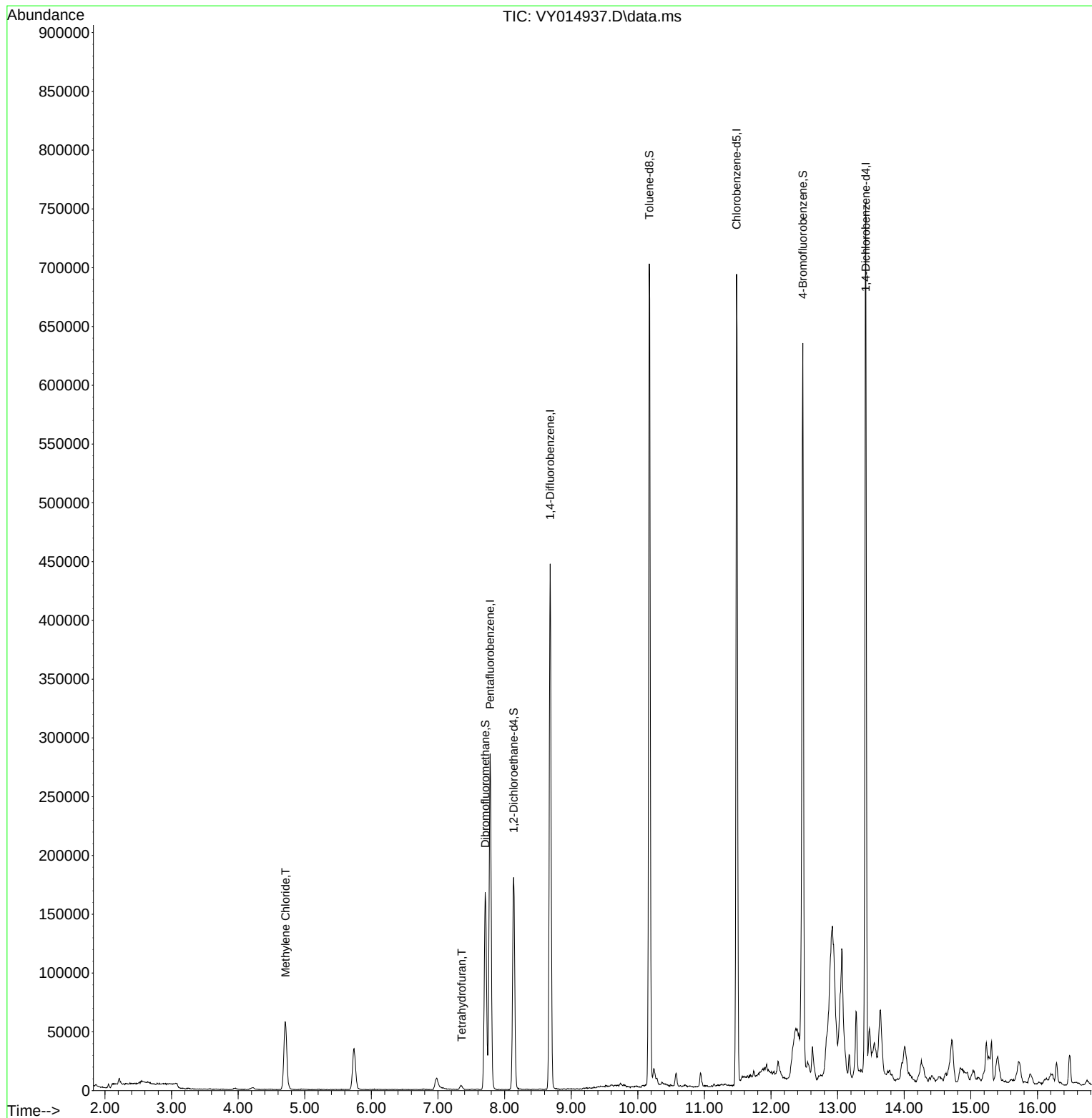
Internal Standards						
1) Pentafluorobenzene	7.783	168	216685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	378137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	367647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	144050	58.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.680%
35) Dibromofluoromethane	7.710	113	118381	49.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.360%
50) Toluene-d8	10.172	98	456775	51.470	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.477	95	176594	51.896	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.800%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	44606	14.555	ug/l	87
29) Tetrahydrofuran	7.356	42	2713	3.849	ug/l #	87

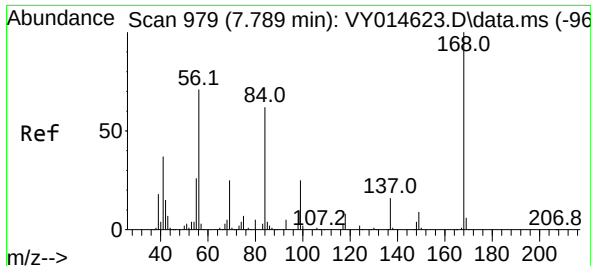
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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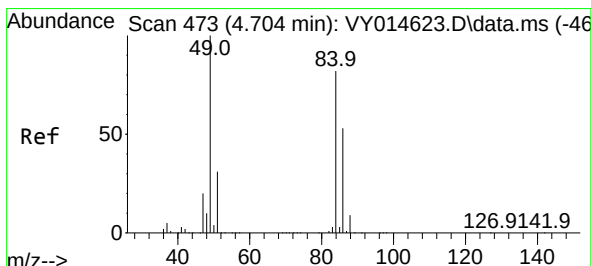
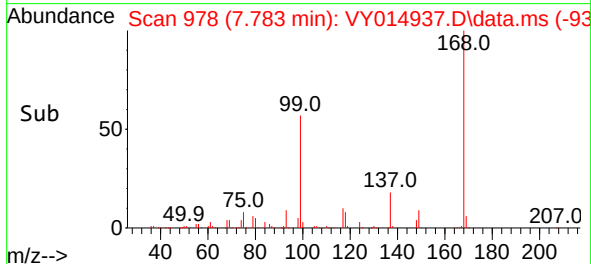
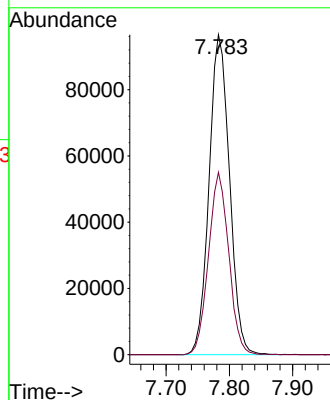
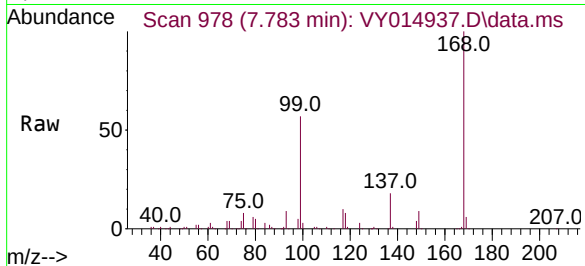




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014937.D
Acq: 02 Aug 2023 17:40

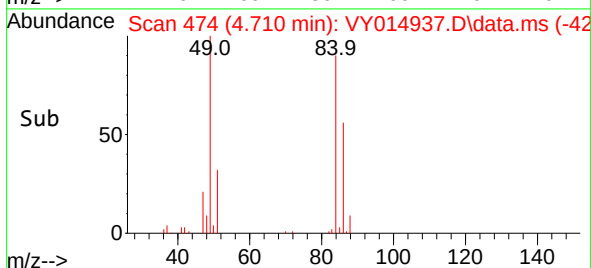
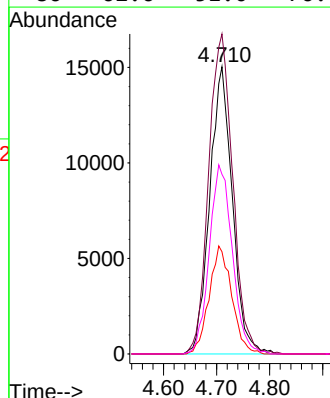
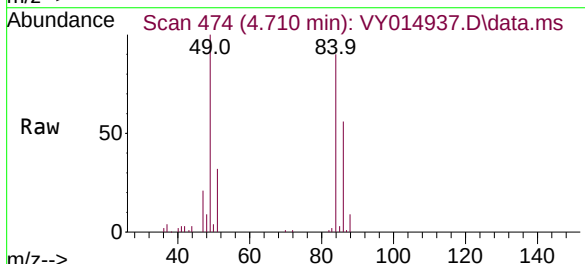
Instrument :
MSVOA_Y
ClientSampleId :
GROVE-SOIL-0731

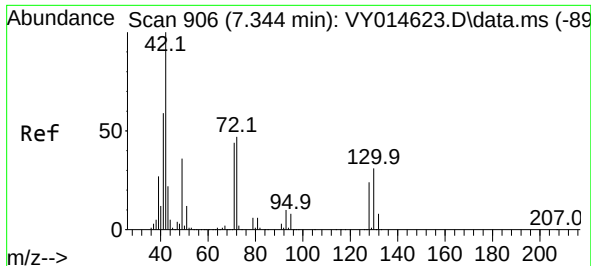
Tgt Ion:168 Resp: 216685
Ion Ratio Lower Upper
168 100
99 57.0 43.4 65.0



#20
Methylene Chloride
Concen: 14.555 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014937.D
Acq: 02 Aug 2023 17:40

Tgt Ion: 84 Resp: 44606
Ion Ratio Lower Upper
84 100
49 111.4 106.9 160.3
51 35.6 33.2 49.8
86 62.6 51.0 76.6





#29

Tetrahydrofuran

Concen: 3.849 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY014937.D

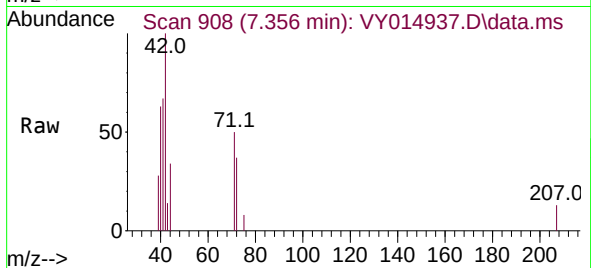
Acq: 02 Aug 2023 17:40

Instrument :

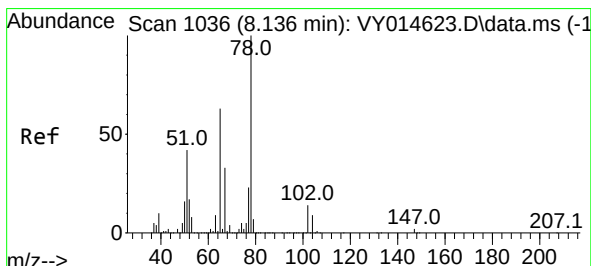
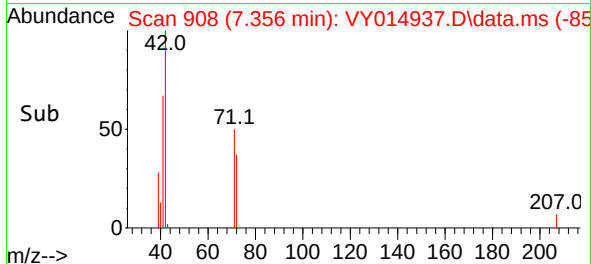
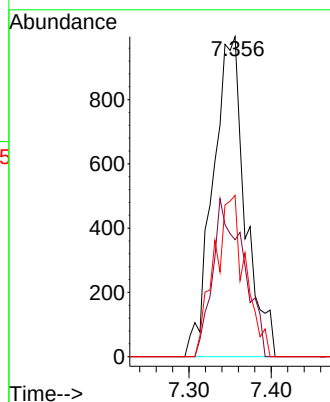
MSVOA_Y

ClientSampleId :

GROVE-SOIL-0731



Tgt Ion:	42	Resp:	2713
Ion	Ratio	Lower	Upper
42	100		
72	47.1	32.8	49.2
71	48.5	31.0	46.4



#33

1,2-Dichloroethane-d4

Concen: 58.338 ug/l

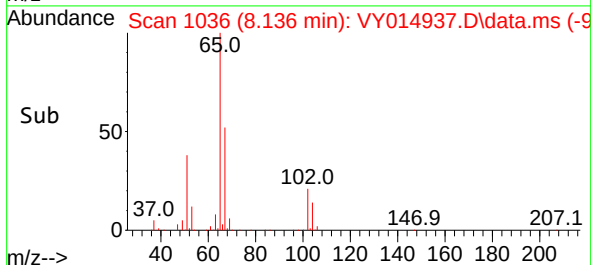
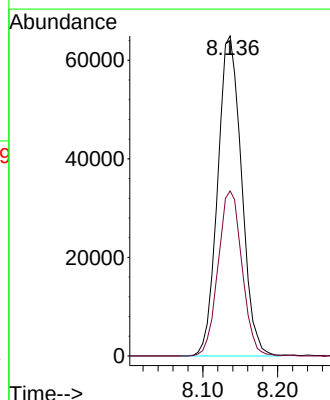
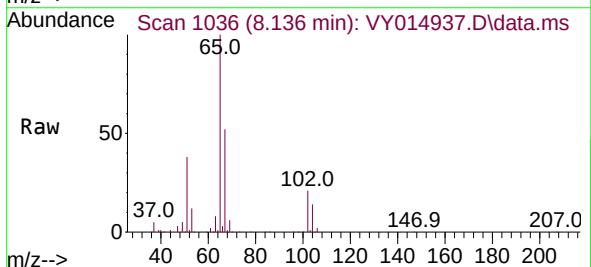
RT: 8.136 min Scan# 1036

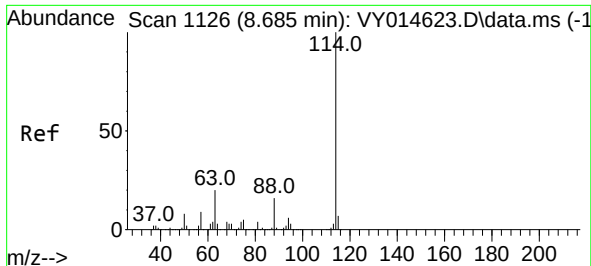
Delta R.T. 0.000 min

Lab File: VY014937.D

Acq: 02 Aug 2023 17:40

Tgt Ion:	65	Resp:	144050
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	101.8

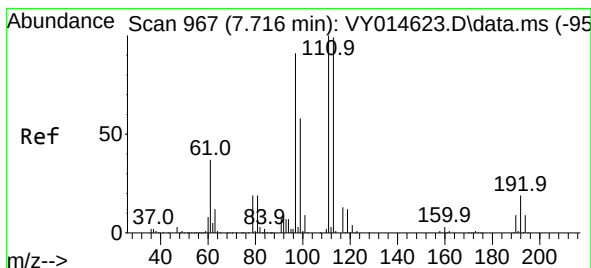
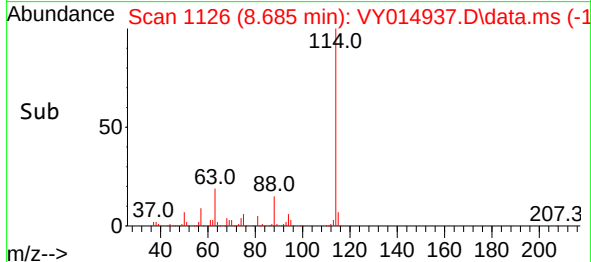
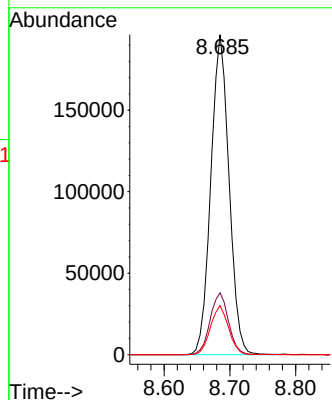
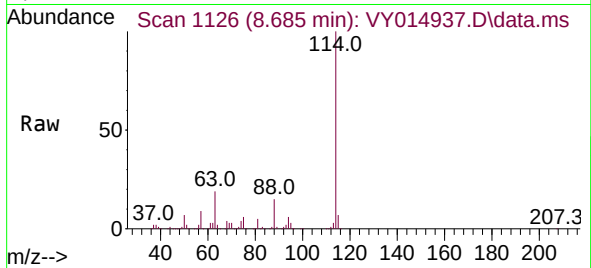




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY014937.D
Acq: 02 Aug 2023 17:40

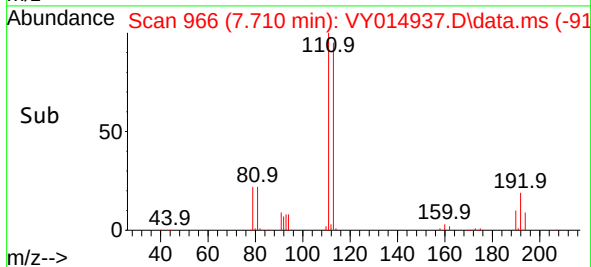
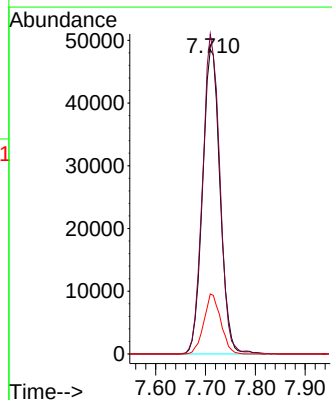
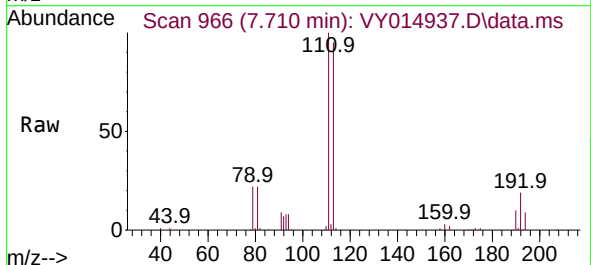
Instrument :
MSVOA_Y
ClientSampleId :
GROVE-SOIL-0731

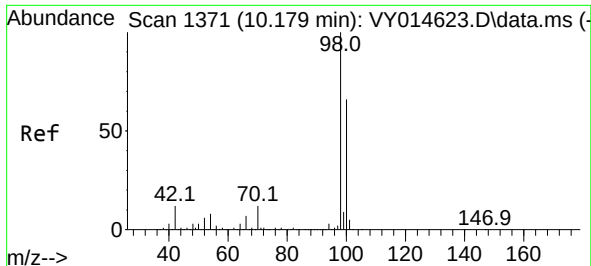
Tgt Ion:114 Resp: 378137
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.179 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014937.D
Acq: 02 Aug 2023 17:40

Tgt Ion:113 Resp: 118381
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.0 16.9 25.3

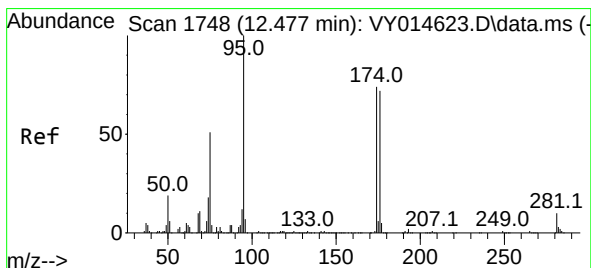
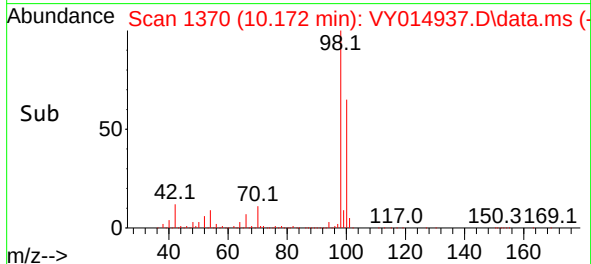
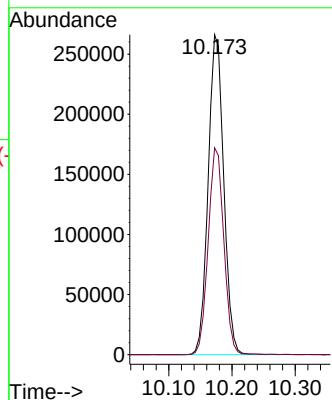
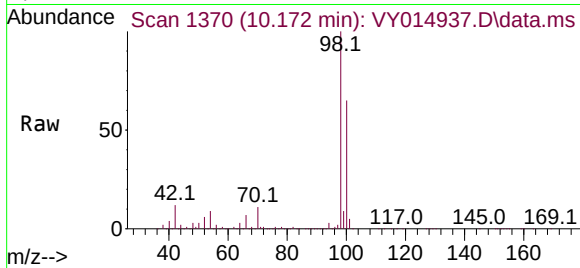




#50
Toluene-d8
Concen: 51.470 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY014937.D
Acq: 02 Aug 2023 17:40

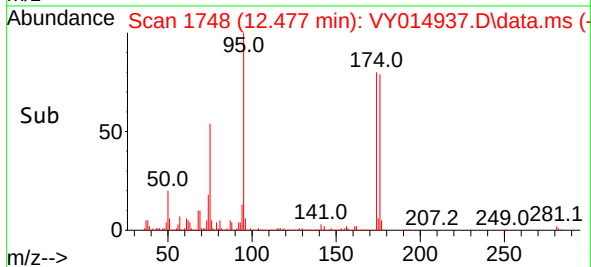
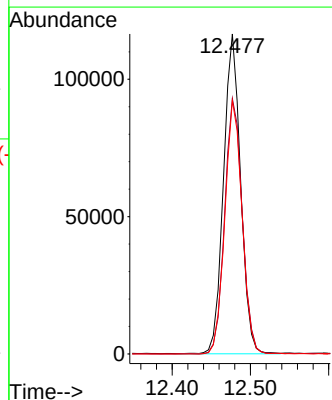
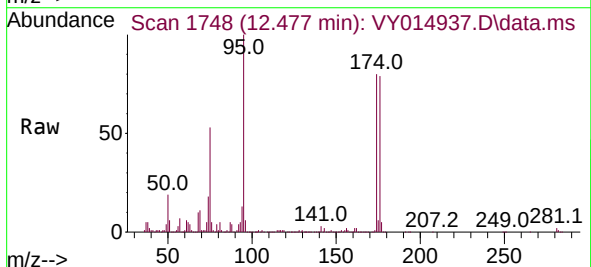
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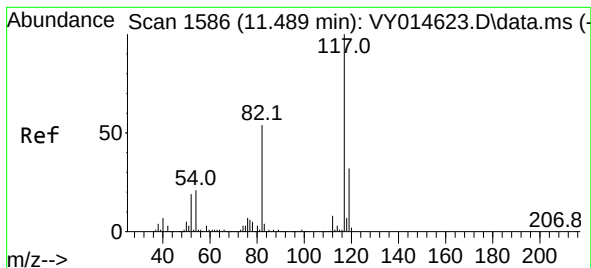
Tgt Ion: 98 Resp: 456775
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.896 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014937.D
Acq: 02 Aug 2023 17:40

Tgt Ion: 95 Resp: 176594
Ion Ratio Lower Upper
95 100
174 82.0 0.0 178.2
176 79.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014937.D

Acq: 02 Aug 2023 17:40

Instrument :

MSVOA_Y

ClientSampleId :

GROVE-SOIL-0731

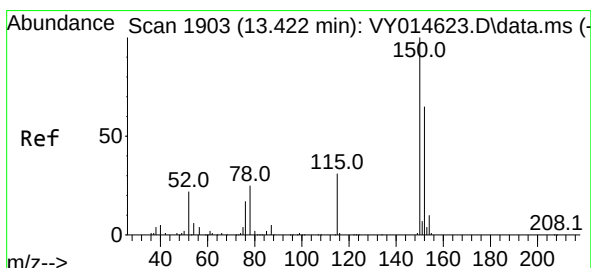
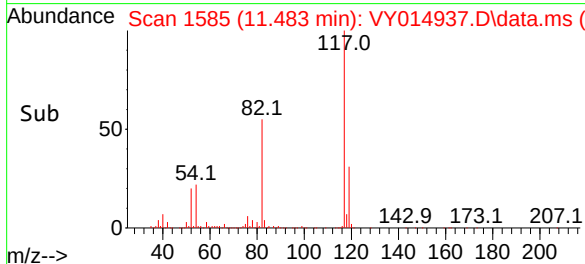
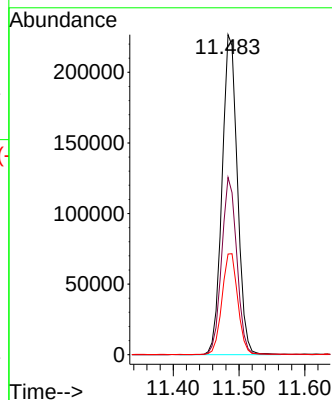
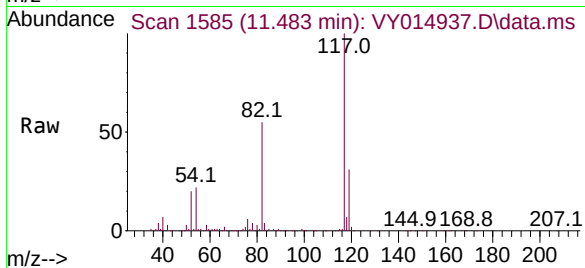
Tgt Ion:117 Resp: 367647

Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

119 31.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY014937.D

Acq: 02 Aug 2023 17:40

Tgt Ion:152 Resp: 181875

Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 158.3 0.0 348.8

