

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013031.D
 Acq On : 21 Mar 2023 16:45
 Operator : KP/MD
 Sample : 02023-05
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-13-TEST-PIT-ON-GRAVELLY

Quant Time: Mar 22 04:22:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	75655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	121010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60669	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51717	68.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.700%
35) Dibromofluoromethane	7.716	113	45797	59.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.400%
50) Toluene-d8	10.179	98	154661	54.686	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.380%
62) 4-Bromofluorobenzene	12.477	95	49466	51.820	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.640%

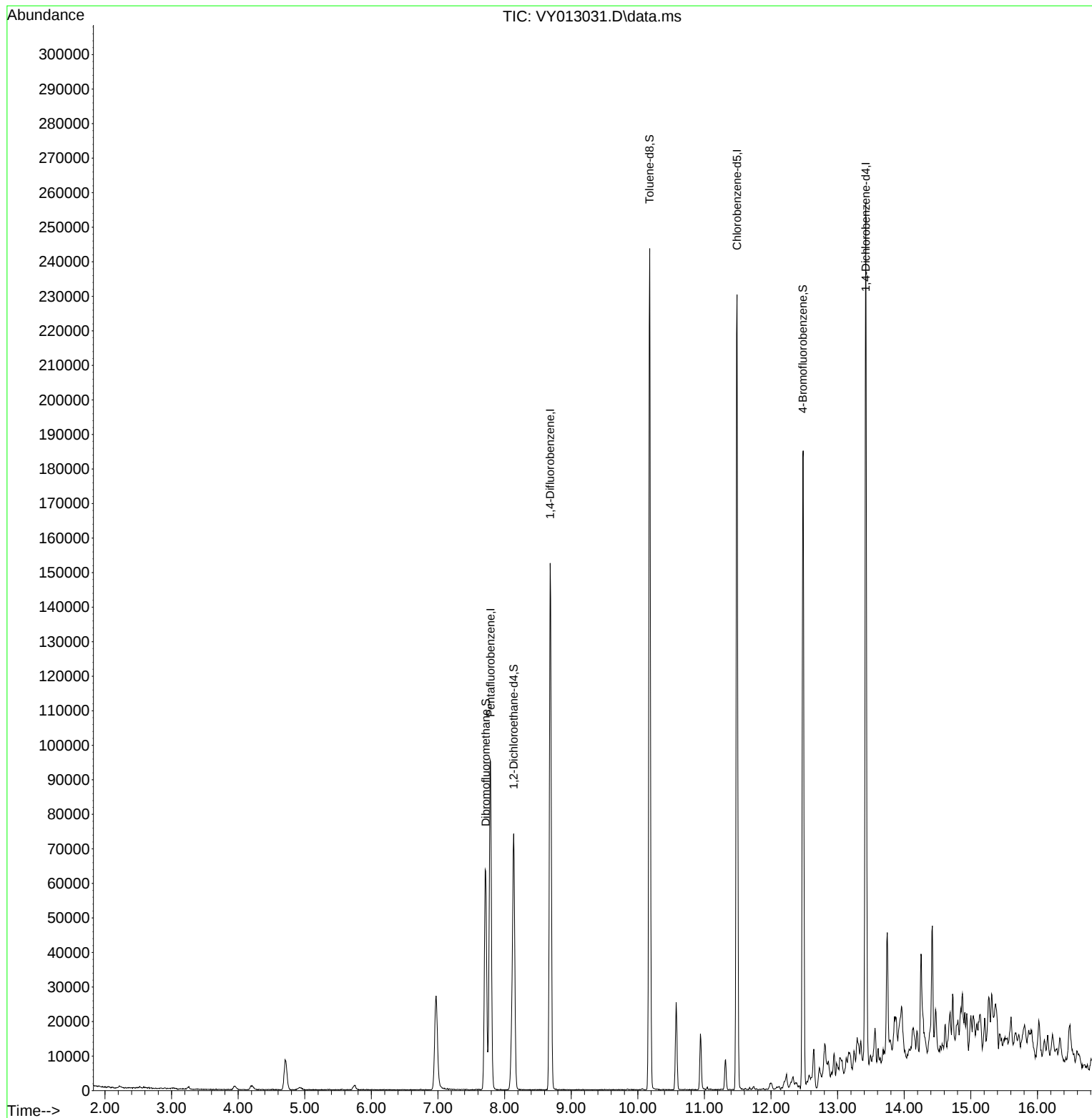
Target Compounds	Qvalue

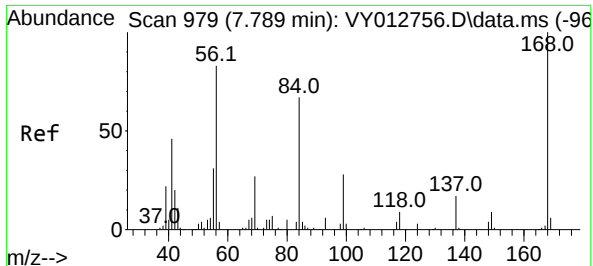
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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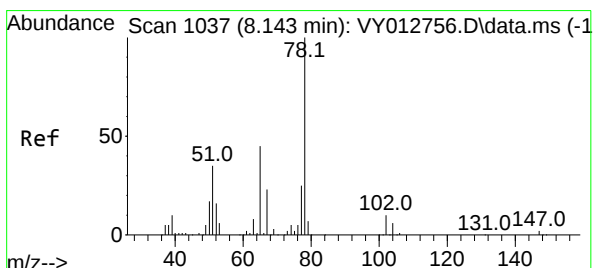
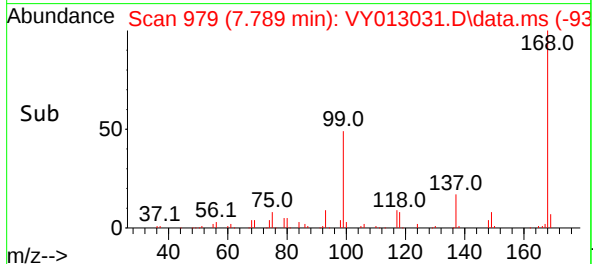
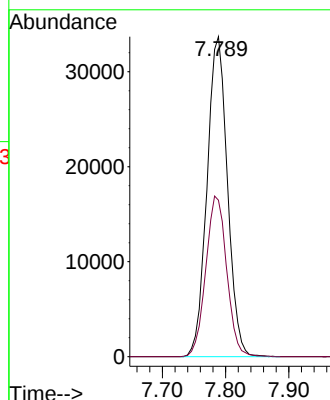
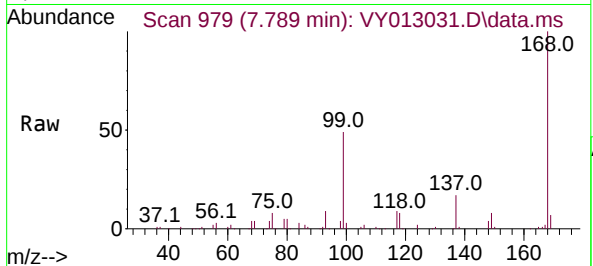




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013031.D
Acq: 21 Mar 2023 16:45

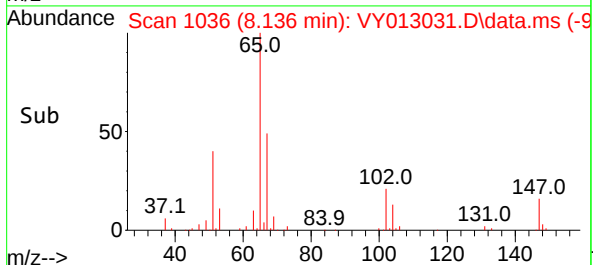
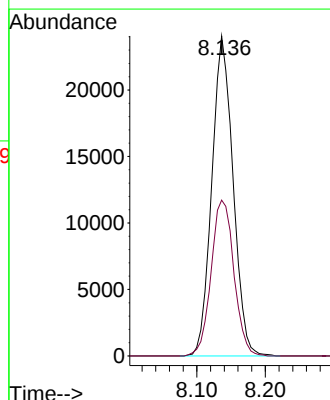
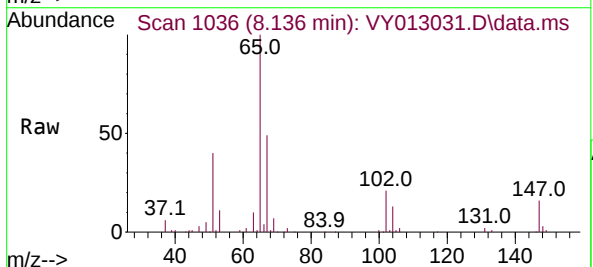
Instrument :
MSVOA_Y
ClientSampleId :
TP-13-TEST-PIT-ON-GRAVELLY

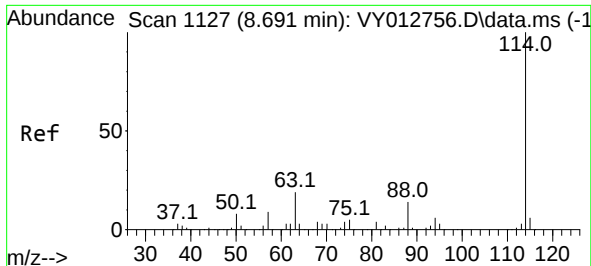
Tgt Ion:168 Resp: 75655
Ion Ratio Lower Upper
168 100
99 48.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 68.850 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013031.D
Acq: 21 Mar 2023 16:45

Tgt Ion: 65 Resp: 51717
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013031.D

Acq: 21 Mar 2023 16:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLY

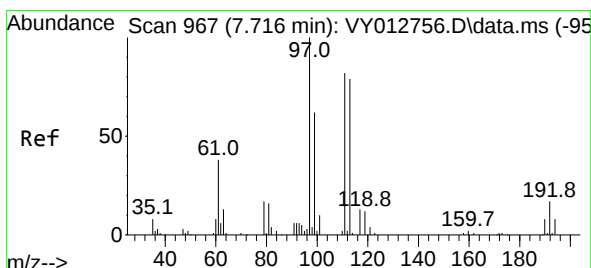
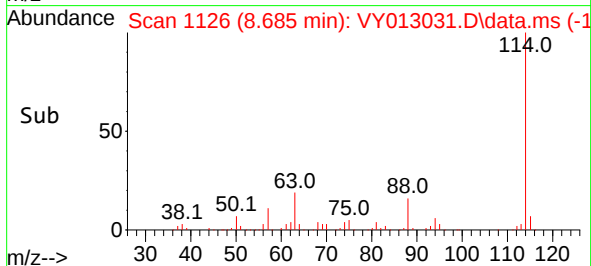
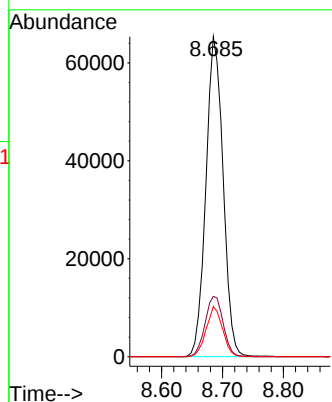
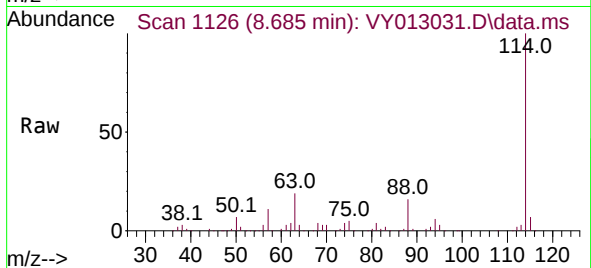
Tgt Ion:114 Resp: 128187

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 15.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 59.199 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013031.D

Acq: 21 Mar 2023 16:45

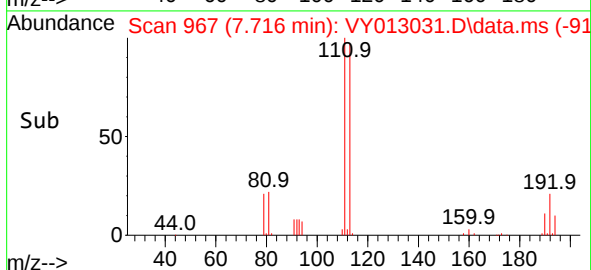
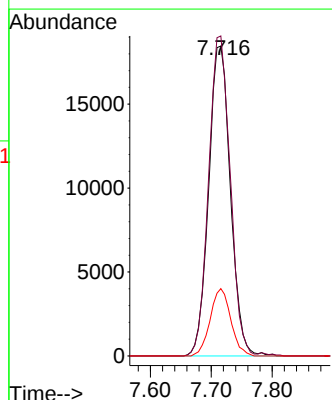
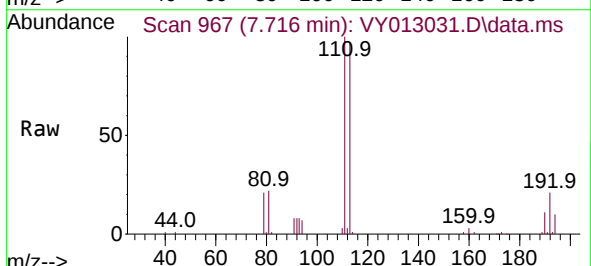
Tgt Ion:113 Resp: 45797

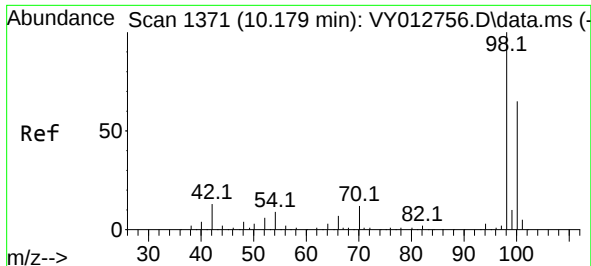
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 20.6 16.8 25.2

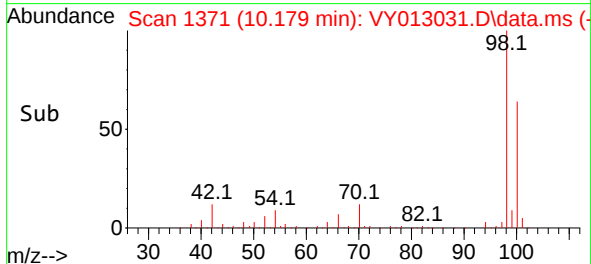
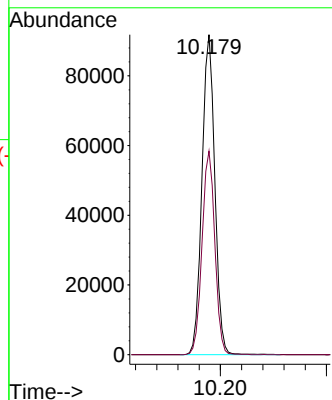
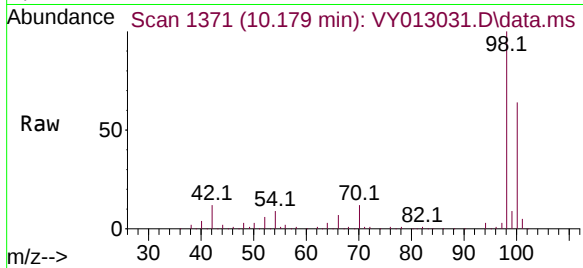




#50
Toluene-d8
Concen: 54.686 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013031.D
Acq: 21 Mar 2023 16:45

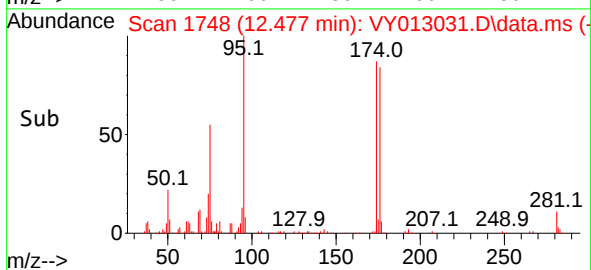
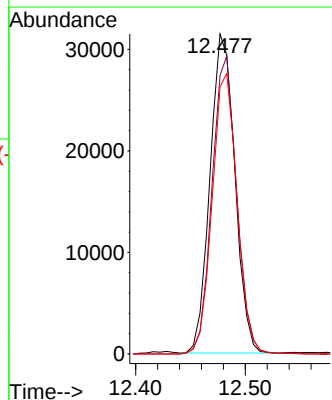
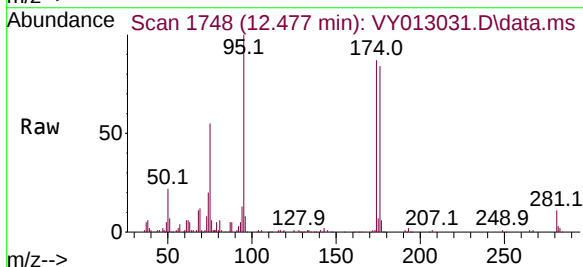
Instrument :
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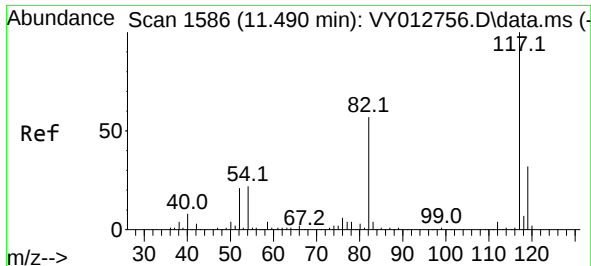
Tgt Ion: 98 Resp: 154661
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.820 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013031.D
Acq: 21 Mar 2023 16:45

Tgt Ion: 95 Resp: 49466
Ion Ratio Lower Upper
95 100
174 92.1 0.0 176.6
176 88.3 0.0 170.2

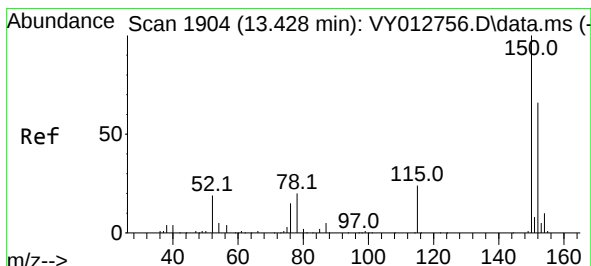
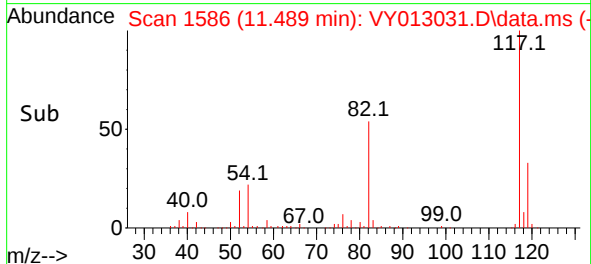
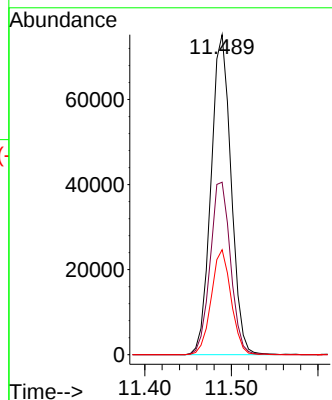
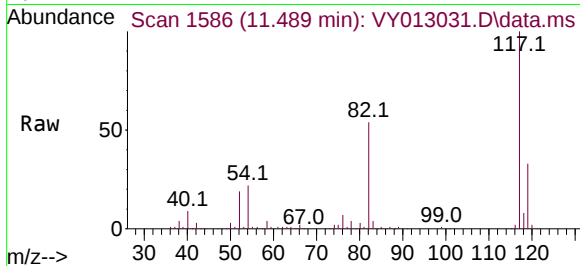




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013031.D
Acq: 21 Mar 2023 16:45

Instrument :
MSVOA_Y
ClientSampleId :
TP-13-TEST-PIT-ON-GRAVELLY

Tgt Ion:117	Resp:	121010
Ion	Ratio	Lower Upper
117	100	
82	53.9	45.4 68.0
119	32.8	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013031.D
Acq: 21 Mar 2023 16:45

Tgt Ion:152	Resp:	60669
Ion	Ratio	Lower Upper
152	100	
115	55.6	27.1 81.3
150	156.3	0.0 347.8

