

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004104.D
 Acq On : 17 Mar 2021 15:34
 Operator : SY/MD
 Sample : M1691-02
 Misc : 6.12g/5mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-068-A

Quant Time: Mar 18 01:49:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	200458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	353211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	327291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146626	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	117942	59.62	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.24%
35) Dibromofluoromethane	7.728	113	108687	54.57	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.14%
50) Toluene-d8	10.185	98	415546	53.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.44%
62) 4-Bromofluorobenzene	12.483	95	146304	50.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.46%

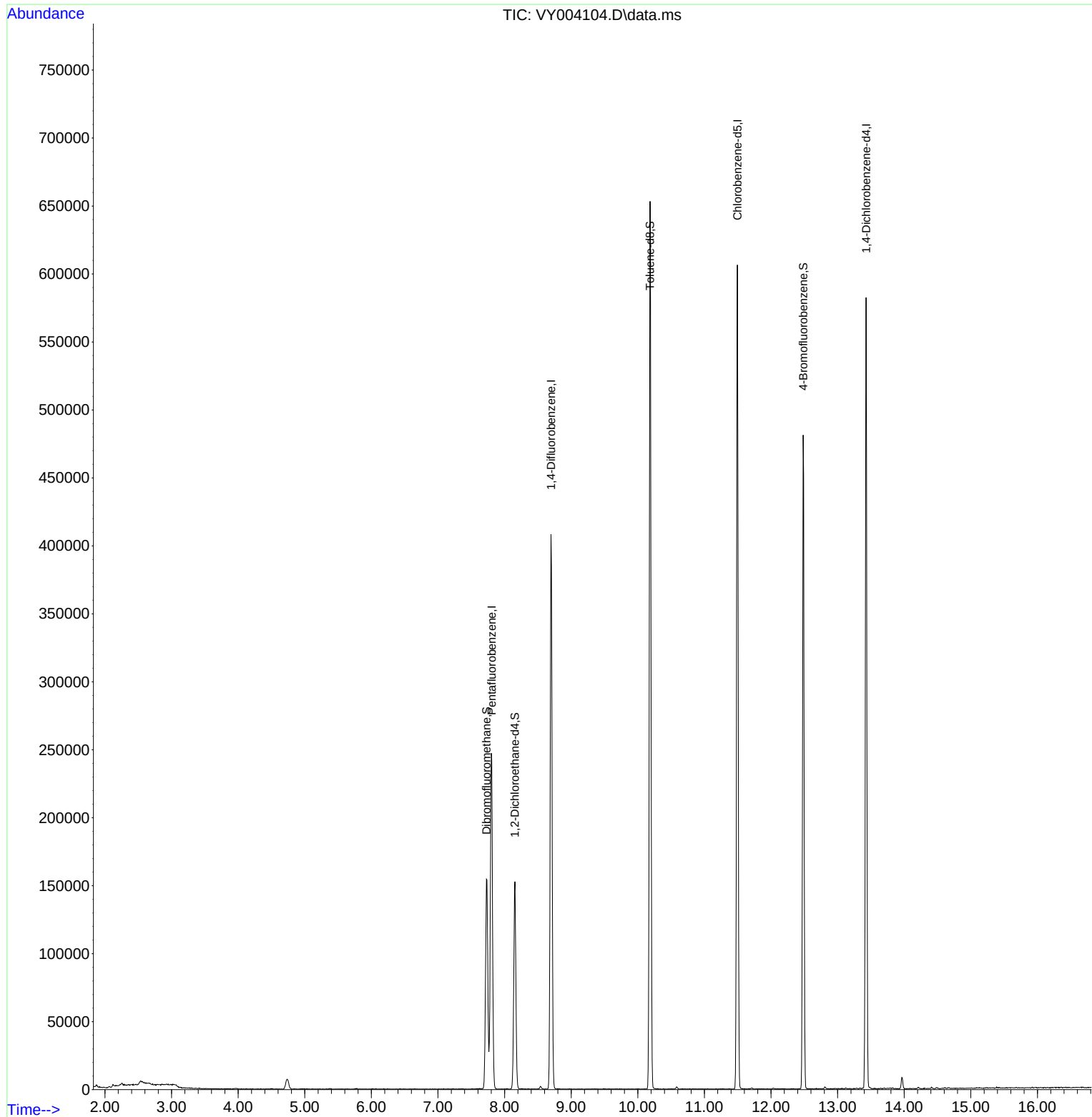
Target Compounds	Qvalue

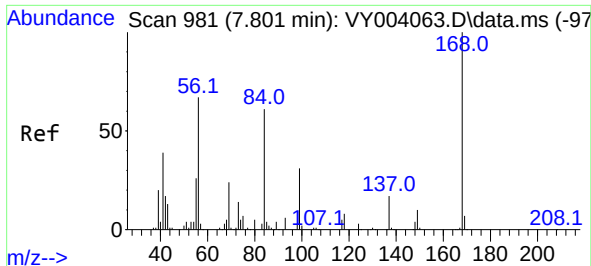
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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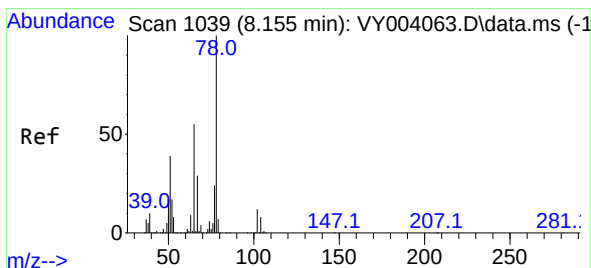
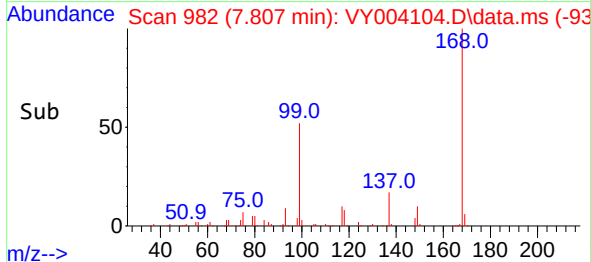
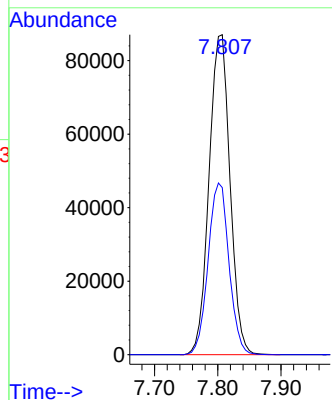
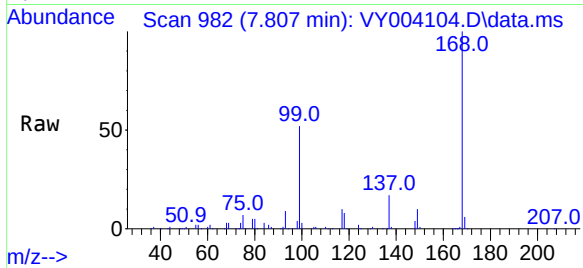




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

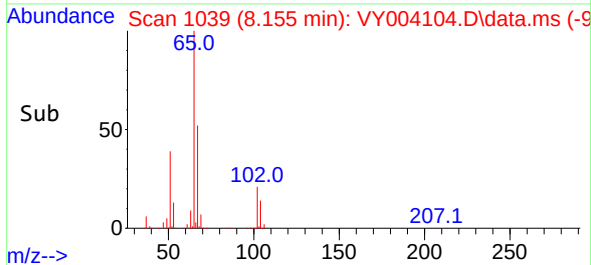
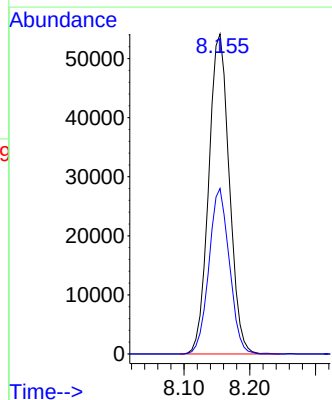
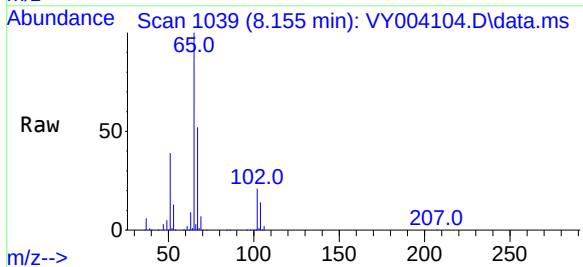
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-068-A

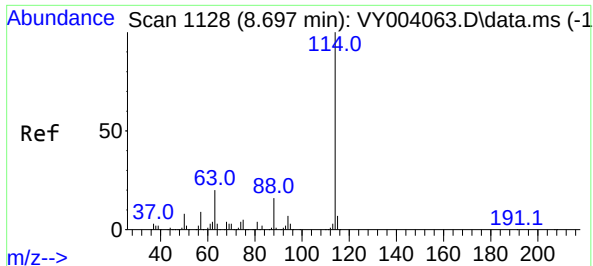
Tgt Ion:168 Resp: 200458
Ion Ratio Lower Upper
168 100
99 52.2 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 59.62 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

Tgt Ion: 65 Resp: 117942
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004104.D

Acq: 17 Mar 2021 15:34

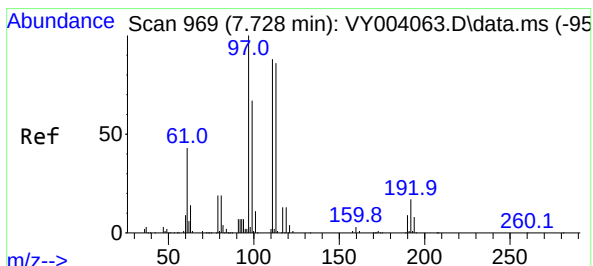
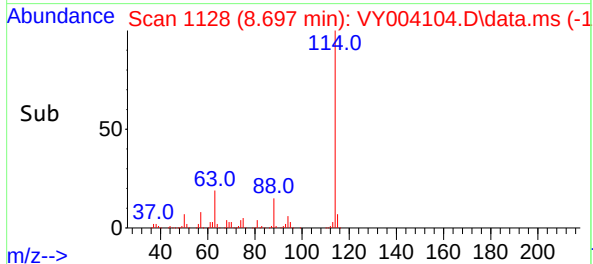
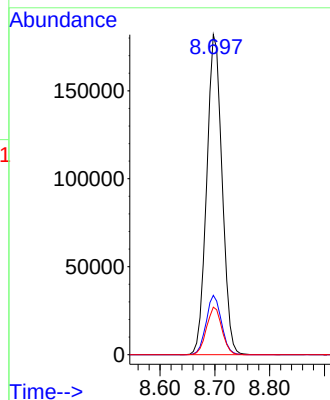
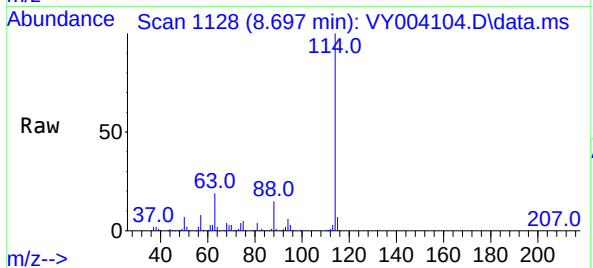
Tgt Ion:114 Resp: 353211

Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.6

88 14.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.57 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004104.D

Acq: 17 Mar 2021 15:34

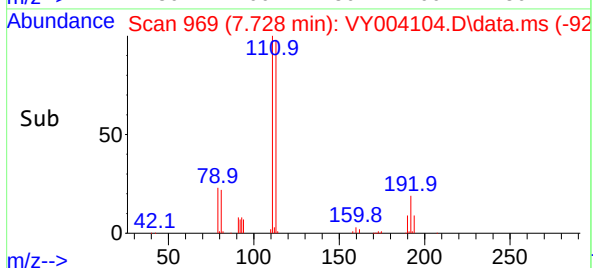
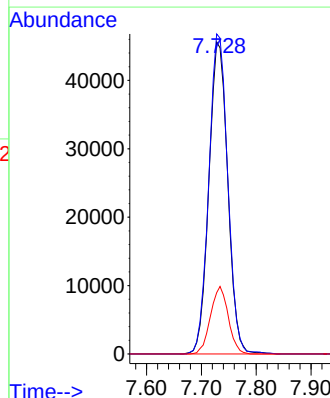
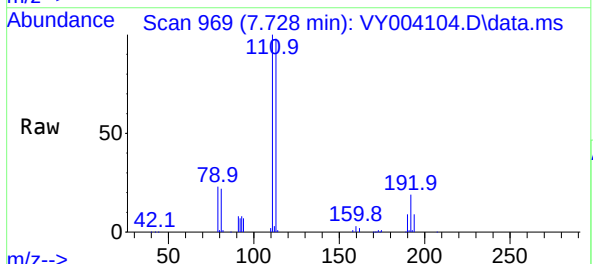
Tgt Ion:113 Resp: 108687

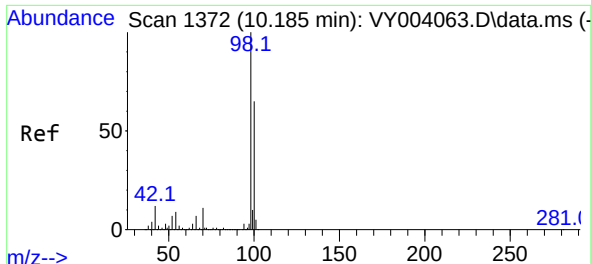
Ion Ratio Lower Upper

113 100

111 103.0 83.2 124.8

192 20.4 18.5 27.7

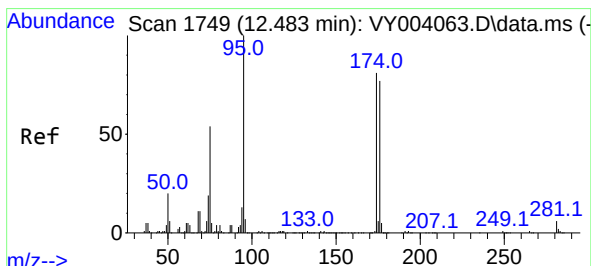
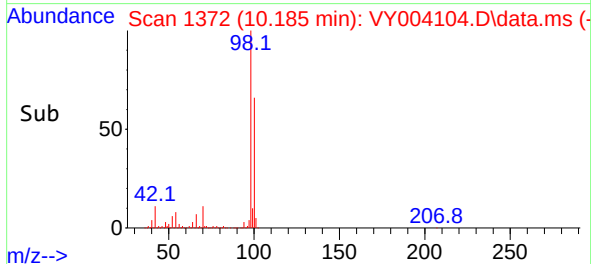
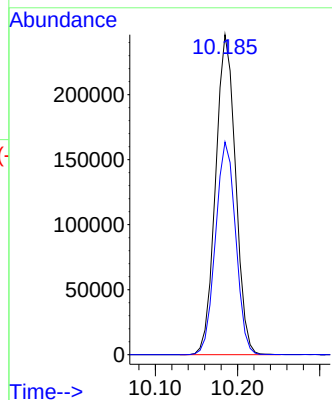
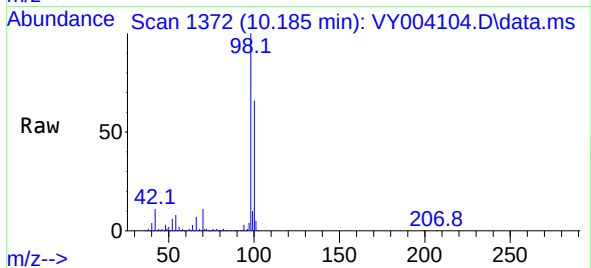




#50
Toluene-d8
Concen: 53.22 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

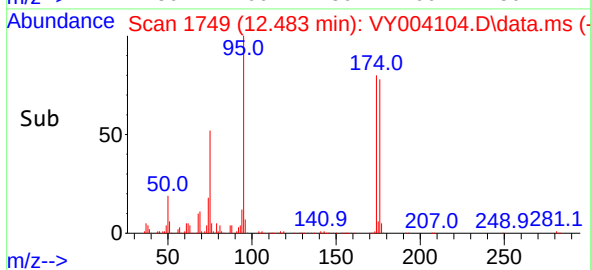
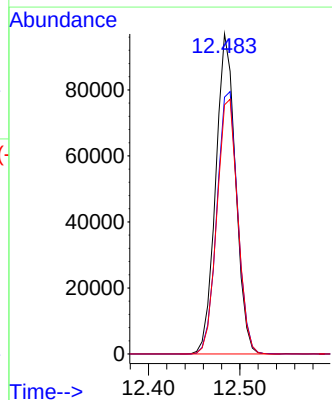
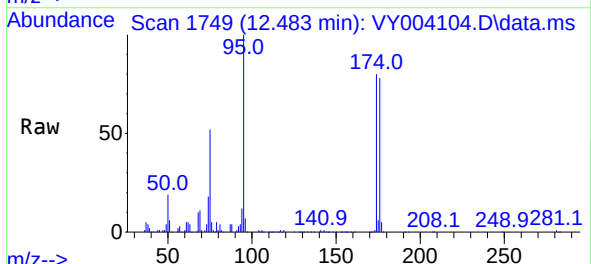
Instrument :
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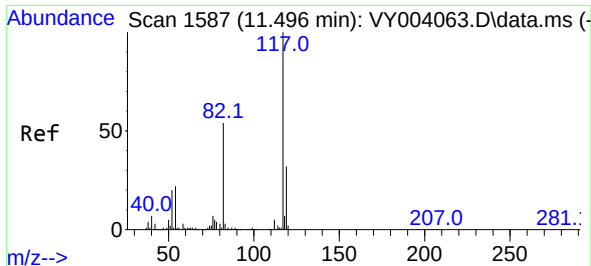
Tgt Ion: 98 Resp: 415546
Ion Ratio Lower Upper
98 100
100 67.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.73 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

Tgt Ion: 95 Resp: 146304
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 83.4 0.0 174.4



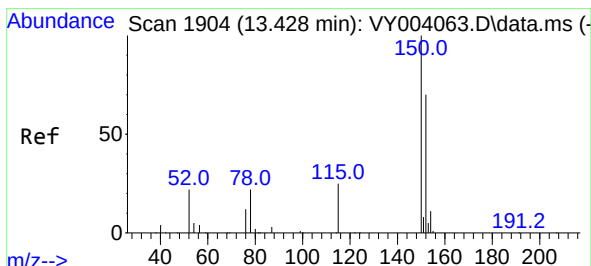
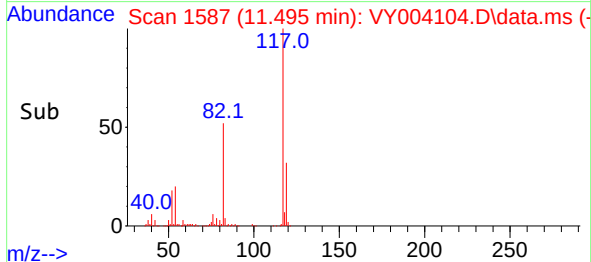
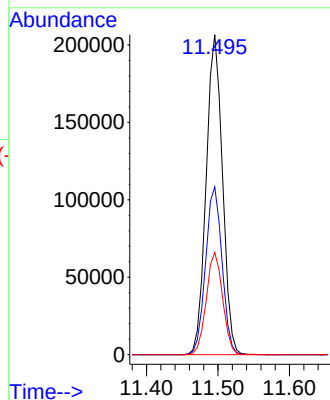
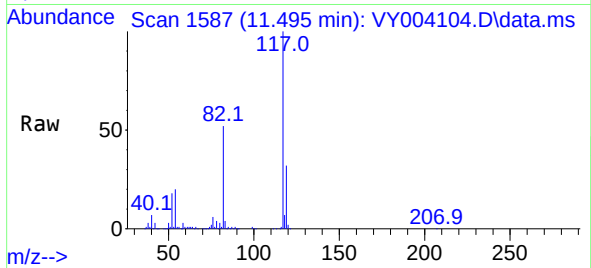


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-068-A

Tgt Ion:117 Resp: 327291

Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.8	65.6
119	31.9	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004104.D
Acq: 17 Mar 2021 15:34

Tgt Ion:152 Resp: 146626

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.6
150	158.6	0.0	347.2

