

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004011.D
 Acq On : 11 Feb 2021 19:07
 Operator : SY/MD
 Sample : M1394-02
 Misc : 5.11g/5mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-03-019-ABCD

Quant Time: Feb 12 00:12:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	197857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	346439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160087	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	135840	62.44	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.88%
35) Dibromofluoromethane	7.722	113	108117	53.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.76%
50) Toluene-d8	10.179	98	431795	54.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.64%
62) 4-Bromofluorobenzene	12.477	95	156837	54.13	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.26%

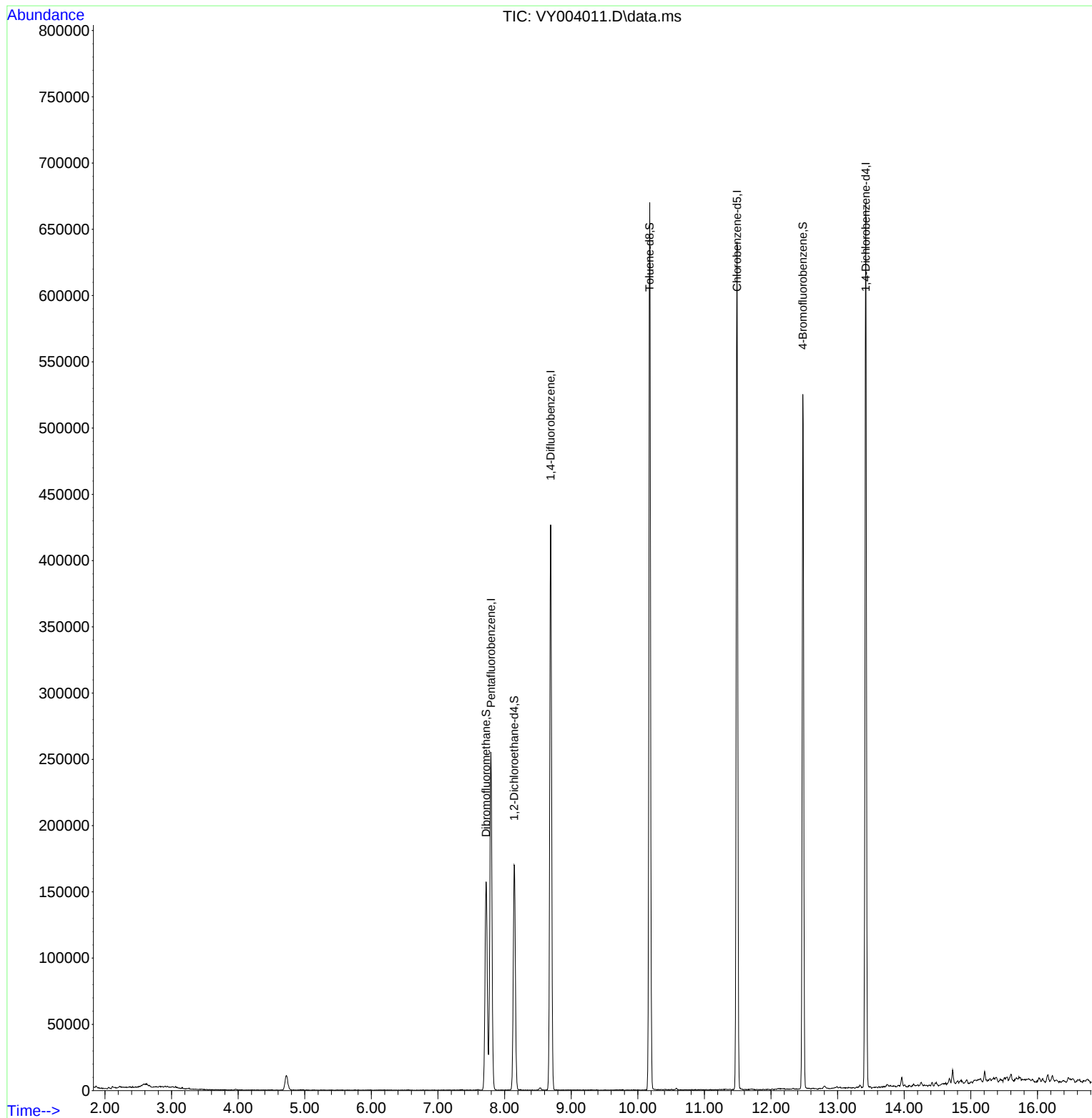
Target Compounds	Qvalue

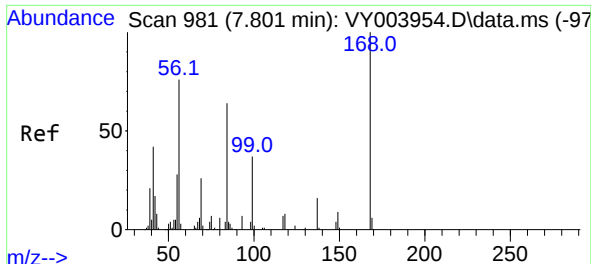
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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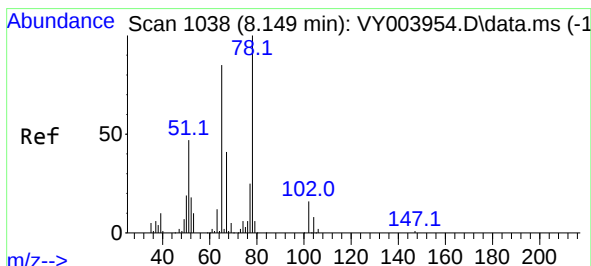
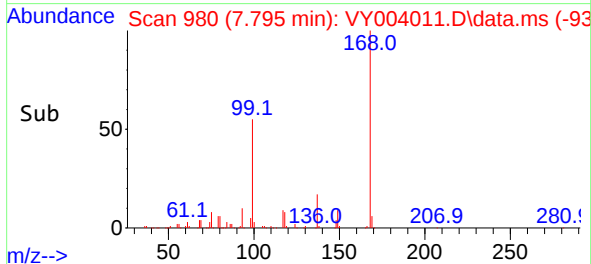
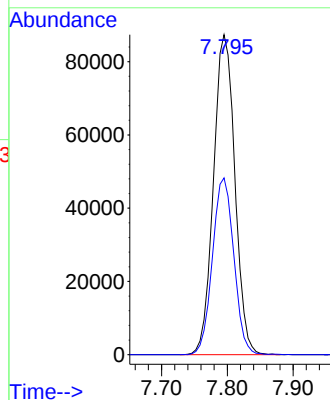
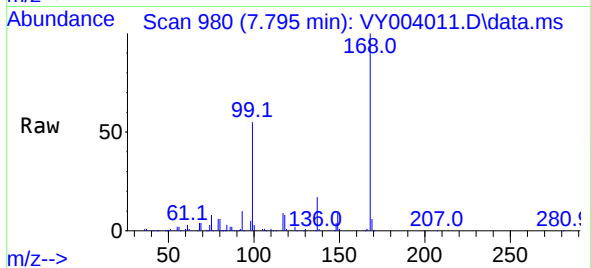




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

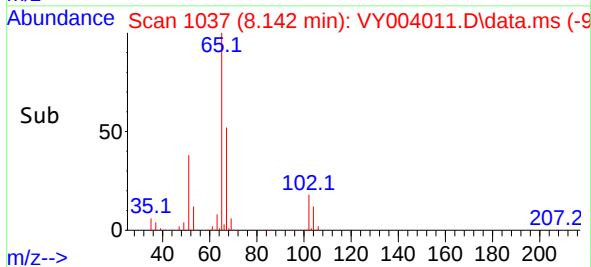
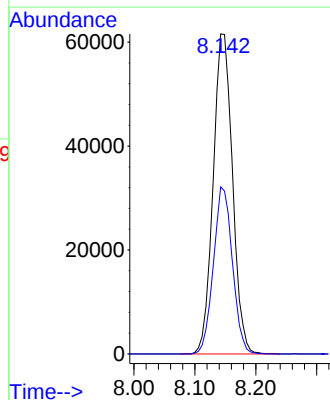
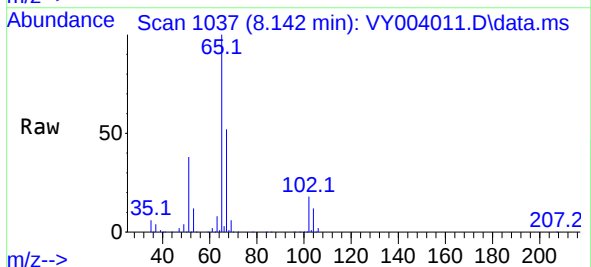
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-019-ABCD

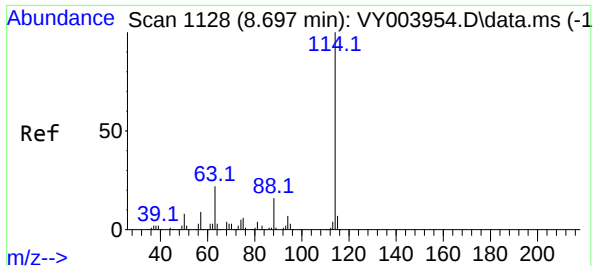
Tgt Ion:168 Resp: 197857
Ion Ratio Lower Upper
168 100
99 55.3 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 62.44 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

Tgt Ion: 65 Resp: 135840
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY004011.D

Acq: 11 Feb 2021 19:07

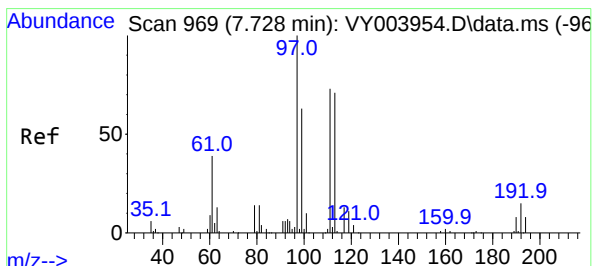
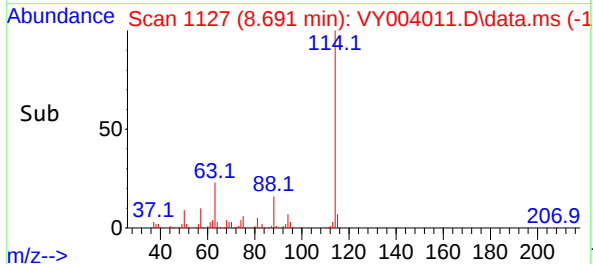
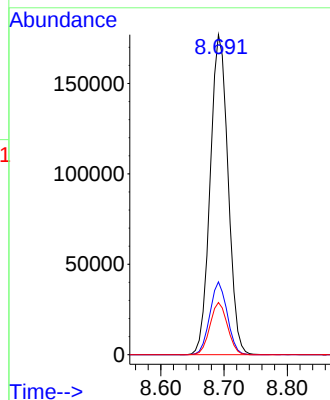
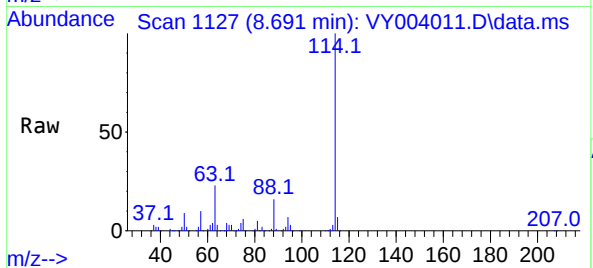
Tgt Ion:114 Resp: 346439

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.2

88 16.3 0.0 30.2



#35

Dibromofluoromethane

Concen: 53.38 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY004011.D

Acq: 11 Feb 2021 19:07

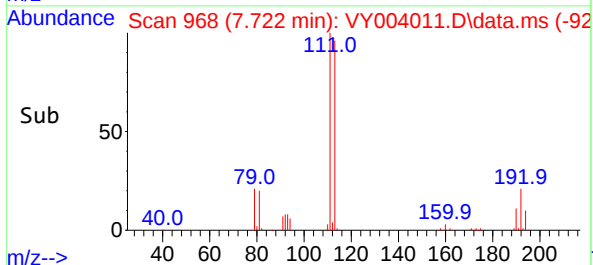
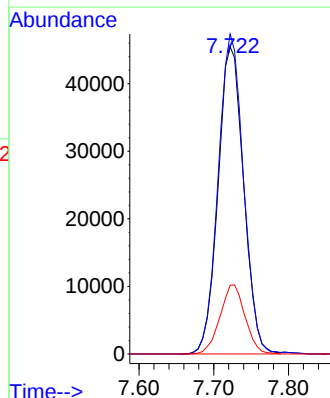
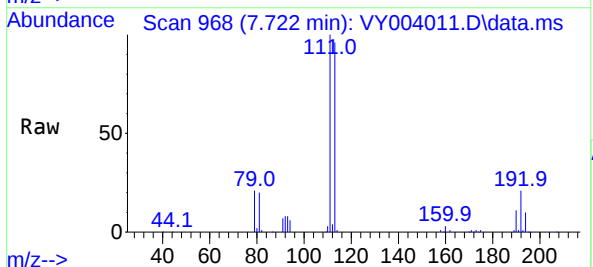
Tgt Ion:113 Resp: 108117

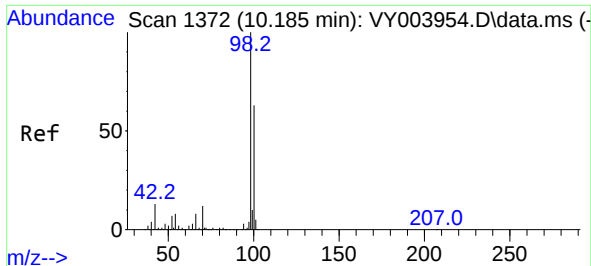
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 22.0 18.3 27.5

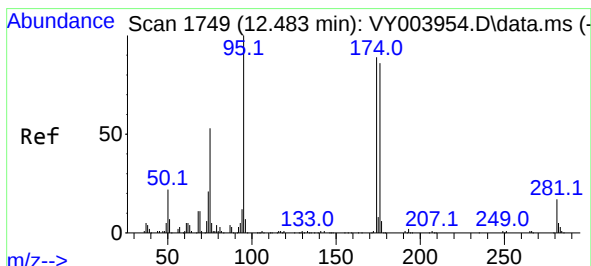
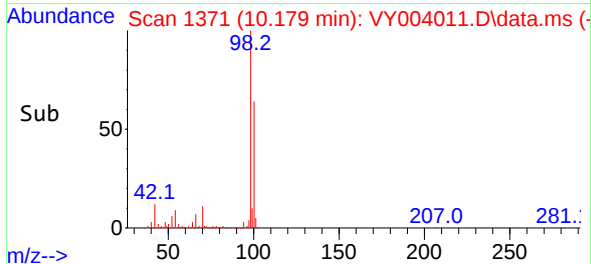
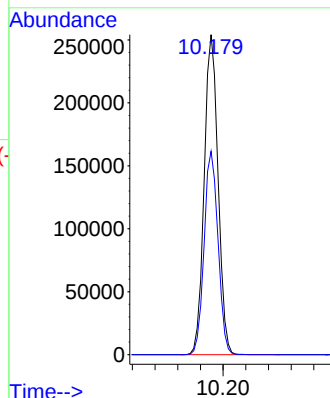
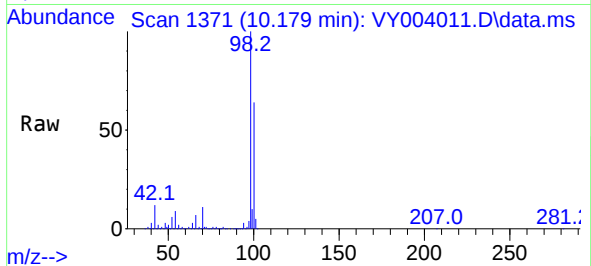




#50
Toluene-d8
Concen: 54.32 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

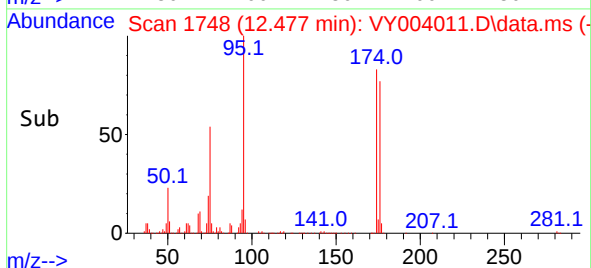
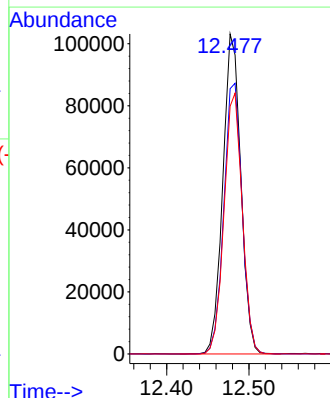
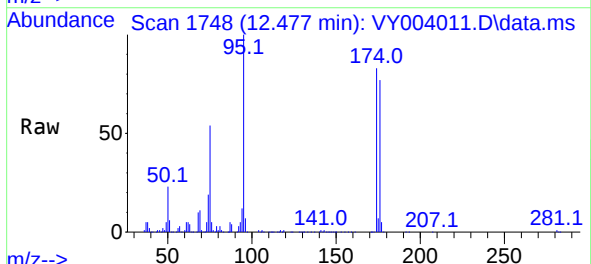
Instrument :
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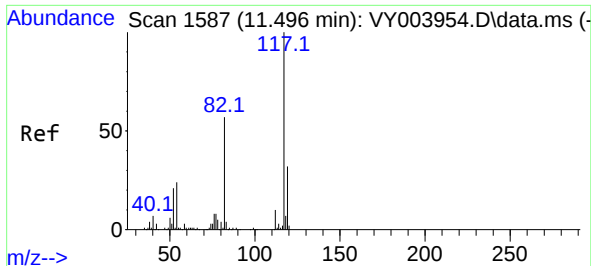
Tgt Ion: 98 Resp: 431795
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 54.13 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

Tgt Ion: 95 Resp: 156837
Ion Ratio Lower Upper
95 100
174 85.7 0.0 184.4
176 82.4 0.0 177.2

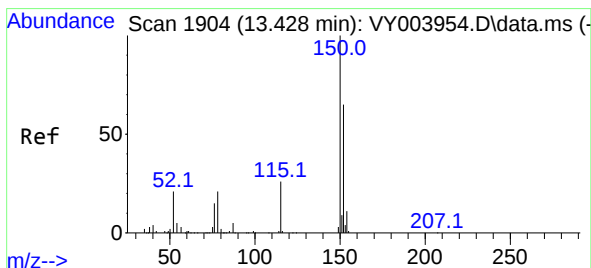
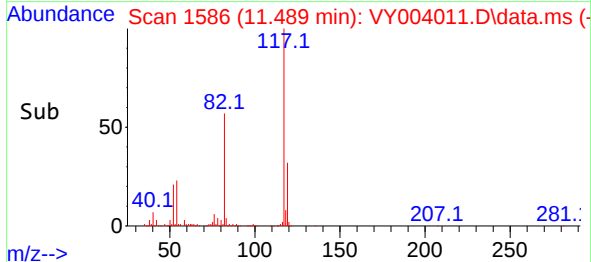
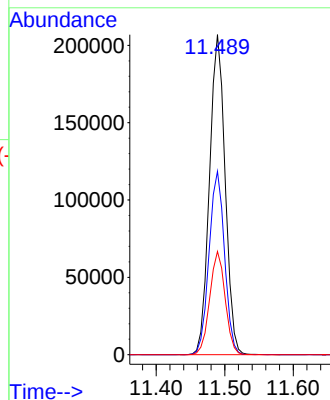
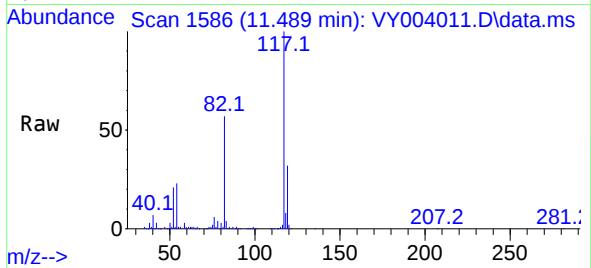




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:	117	Resp:	329093
Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.3	66.5
119	32.2	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004011.D
Acq: 11 Feb 2021 19:07

Tgt Ion:	152	Resp:	160087
Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.2	84.6
150	157.1	0.0	356.2

