

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004009.D
 Acq On : 11 Feb 2021 18:20
 Operator : SY/MD
 Sample : M1396-02
 Misc : 5.78g/5mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-04-013-ABCD

Quant Time: Feb 12 00:11:56 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	192367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	339382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	134655	63.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.32%
35) Dibromofluoromethane	7.722	113	106271	53.56	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.12%
50) Toluene-d8	10.179	98	425099	54.59	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.18%
62) 4-Bromofluorobenzene	12.477	95	157295	55.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.82%

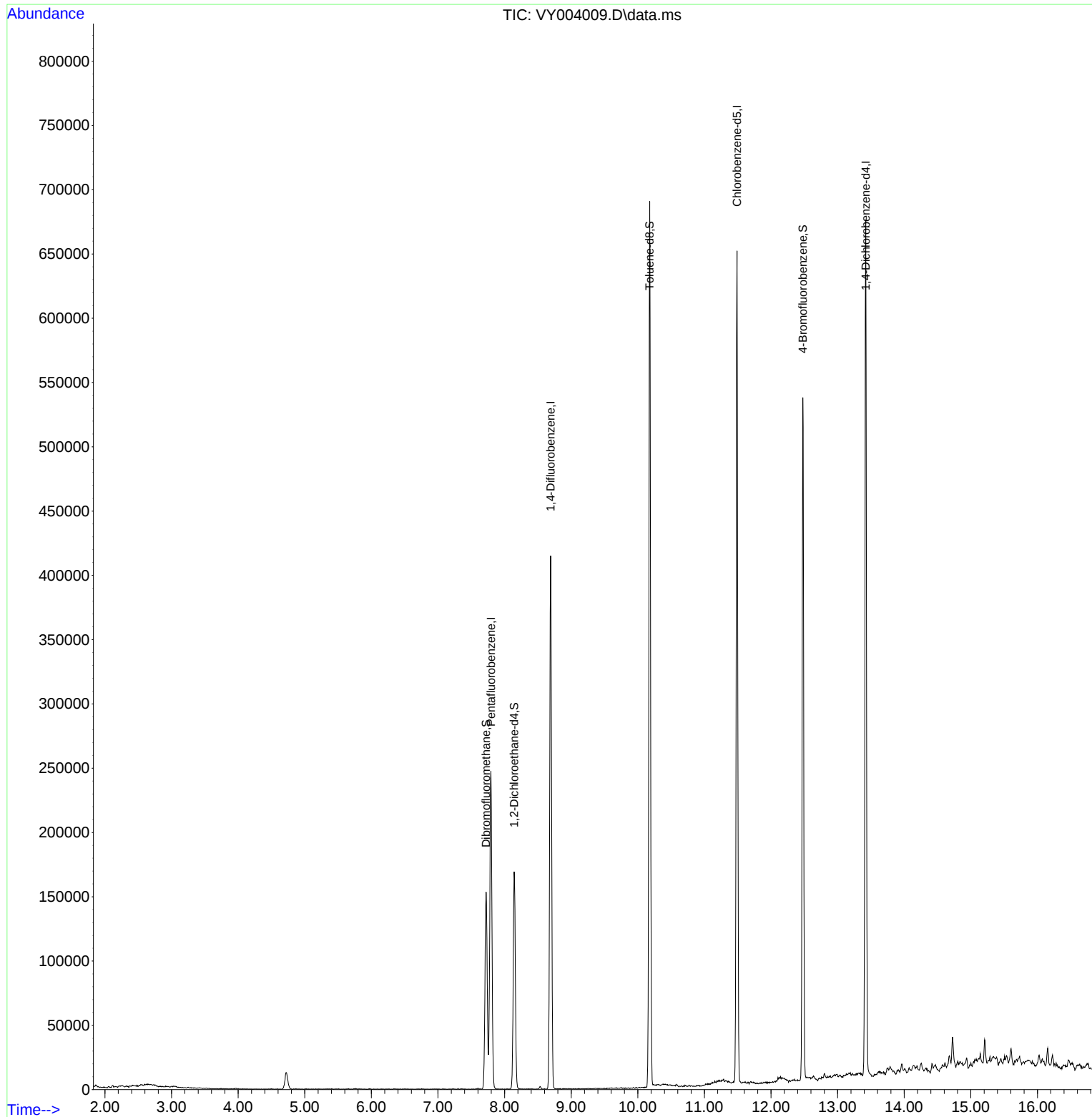
Target Compounds	Qvalue

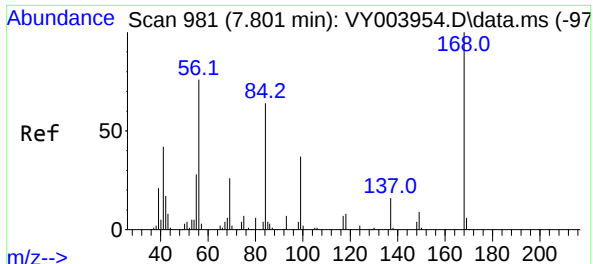
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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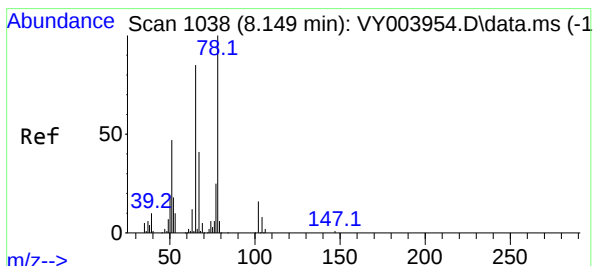
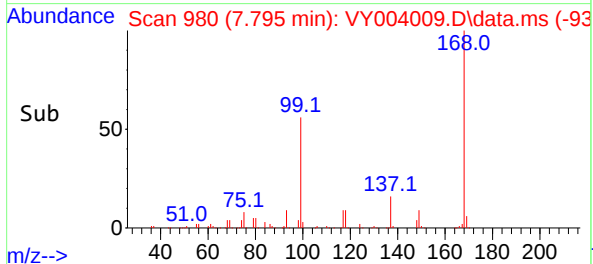
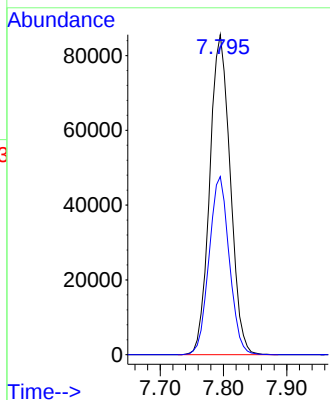
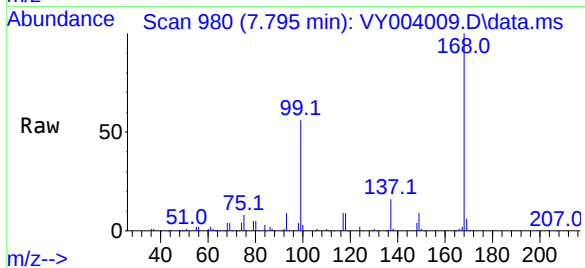




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

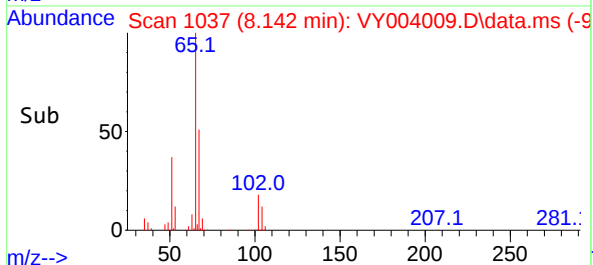
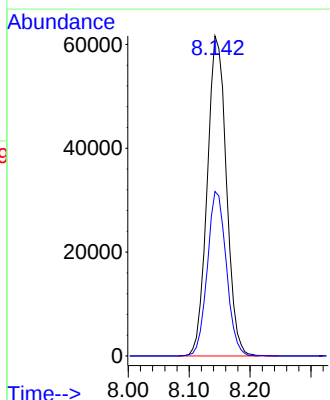
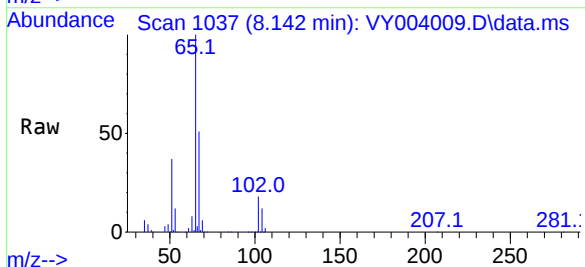
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-04-013-ABCD

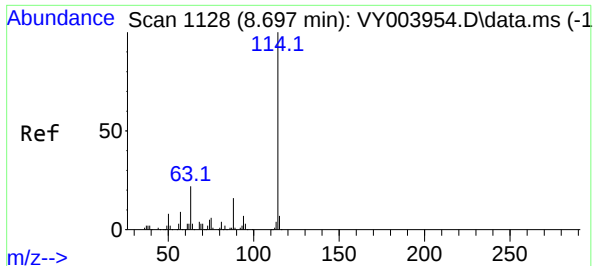
Tgt Ion:168 Resp: 192367
Ion Ratio Lower Upper
168 100
99 55.6 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 63.66 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

Tgt Ion: 65 Resp: 134655
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8



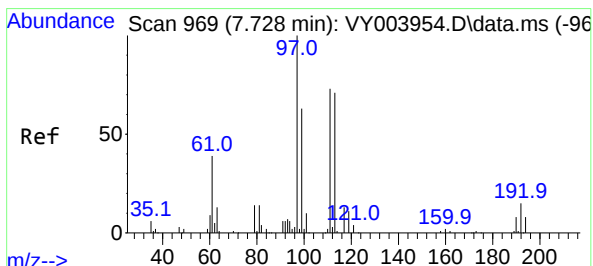
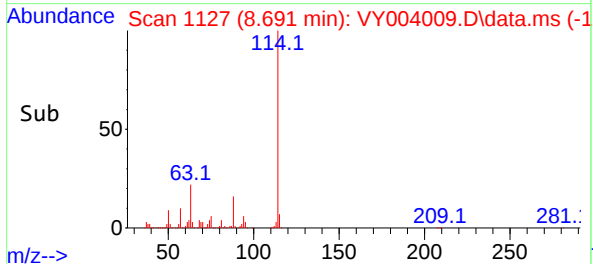
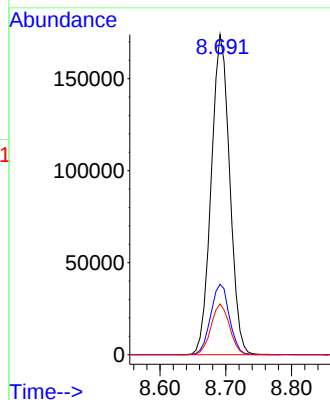
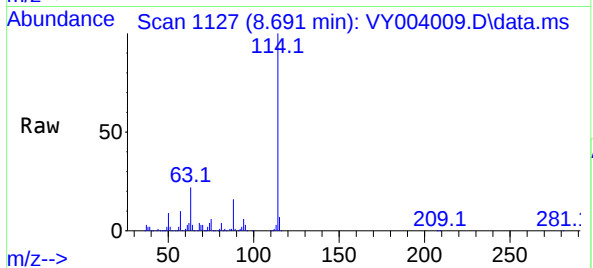


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-04-013-ABCD

Tgt Ion:114 Resp: 339382

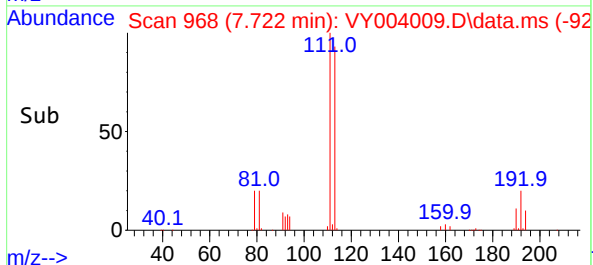
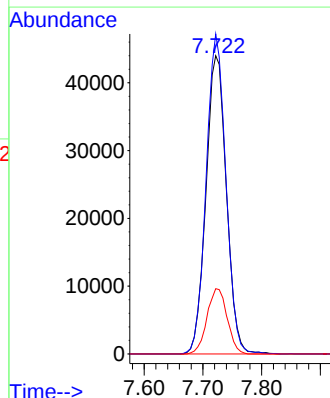
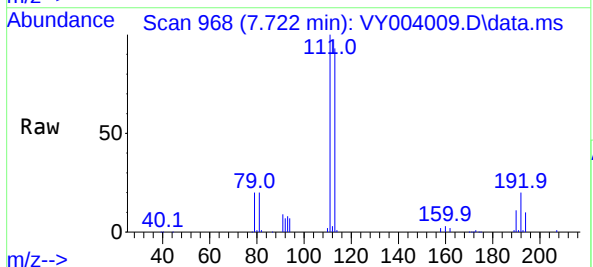
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	47.2
88	15.9	0.0	30.2

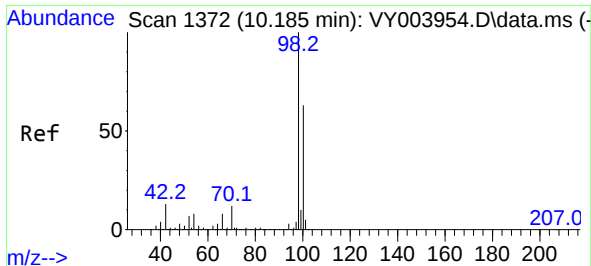


#35
Dibromofluoromethane
Concen: 53.56 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

Tgt Ion:113 Resp: 106271

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	21.5	18.3	27.5

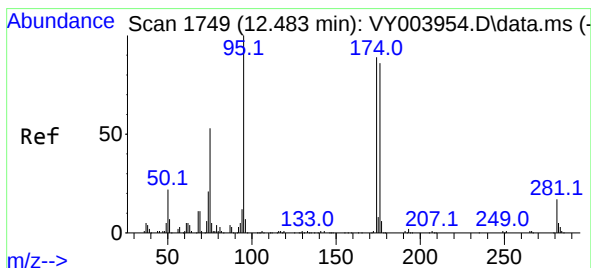
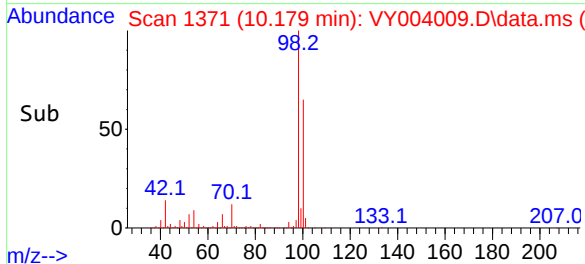
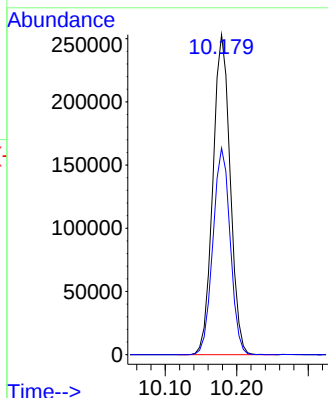
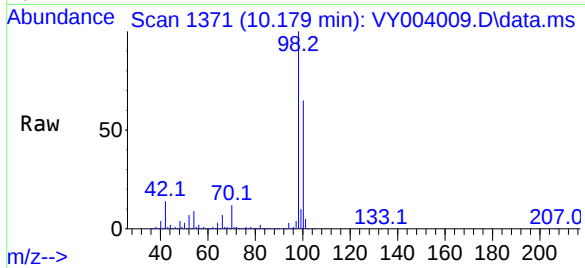




#50
Toluene-d8
Concen: 54.59 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

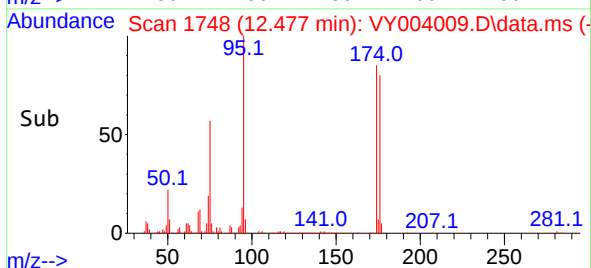
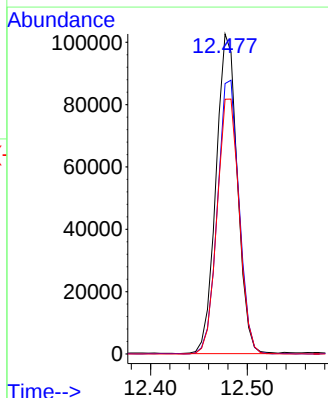
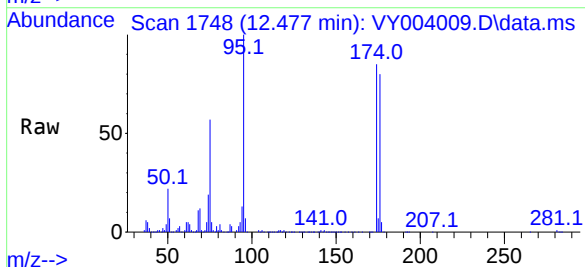
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-04-013-ABCD

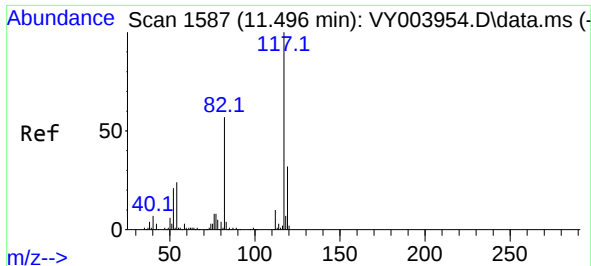
Tgt Ion: 98 Resp: 425099
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 55.41 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

Tgt Ion: 95 Resp: 157295
Ion Ratio Lower Upper
95 100
174 86.3 0.0 184.4
176 82.5 0.0 177.2

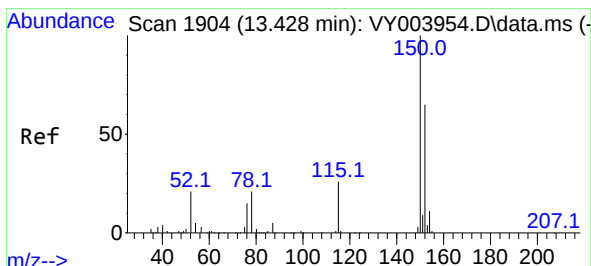
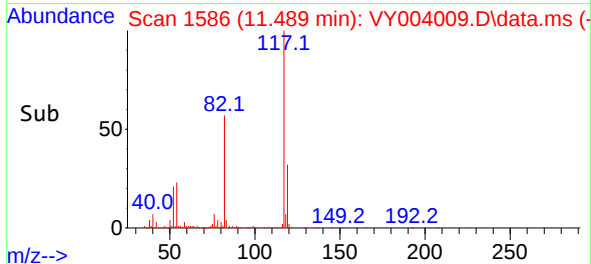
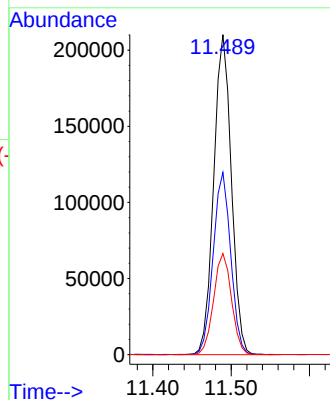
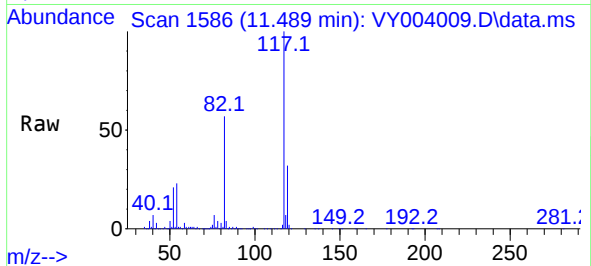




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004009.D
Acq: 11 Feb 2021 18:20

Instrument :
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Tgt Ion:	117	Resp:	329160
Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.3	66.5
119	31.5	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: VY004009.D
Acq: 11 Feb 2021 18:20

Tgt Ion:	152	Resp:	163295
Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.2	84.6
150	155.7	0.0	356.2

