

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021221\
 Data File : VY004025.D
 Acq On : 12 Feb 2021 16:00
 Operator : SY/MD
 Sample : M1395-02
 Misc : 5.81g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-03-020-ABCD

Quant Time: Feb 13 00:12:23 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	82297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	127168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62220	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	52124	57.60	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.20%
35) Dibromofluoromethane	7.722	113	43649	55.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.60%
50) Toluene-d8	10.179	98	166428	53.73	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.46%
62) 4-Bromofluorobenzene	12.477	95	59804	52.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.92%

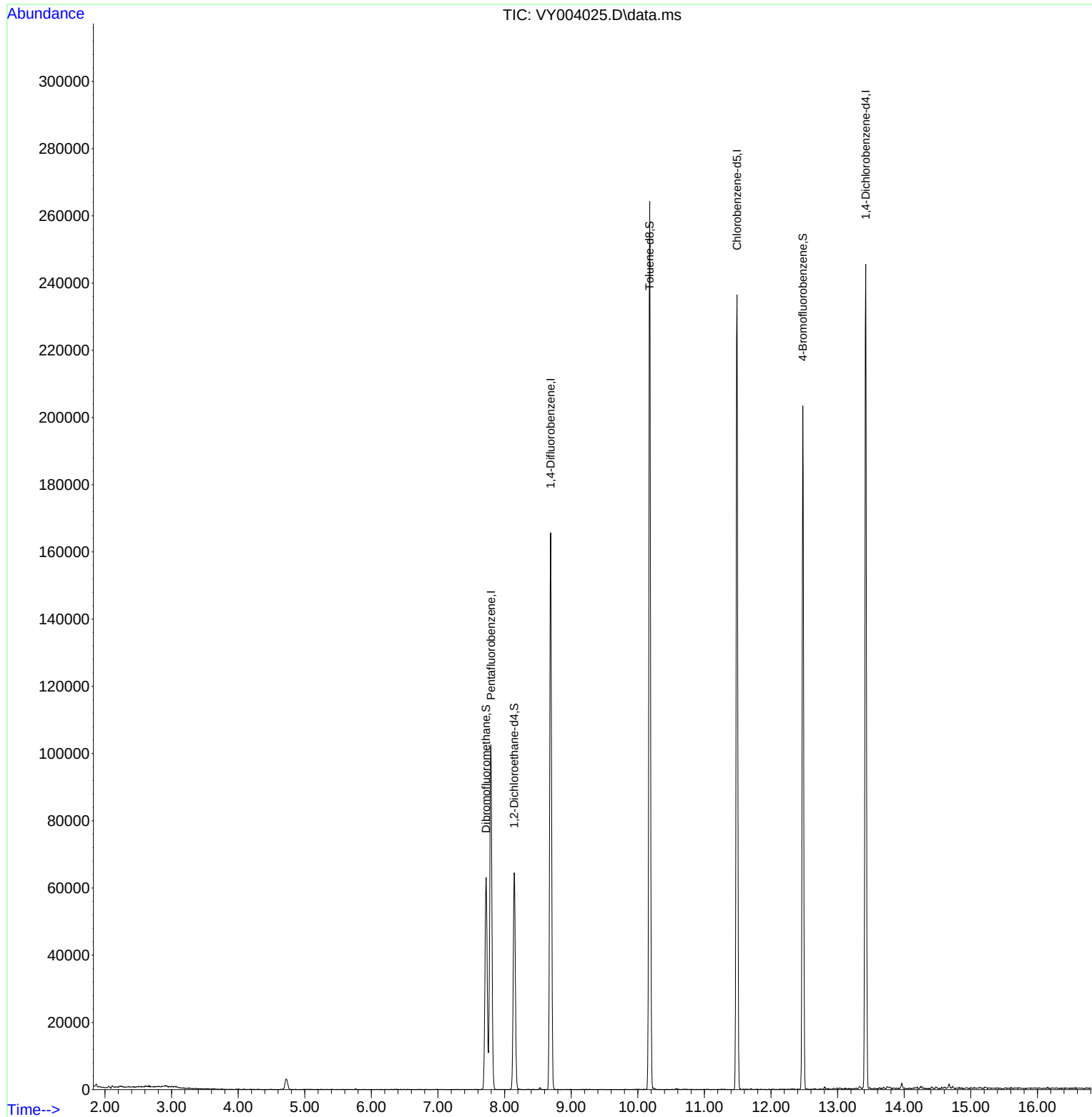
Target Compounds	Qvalue

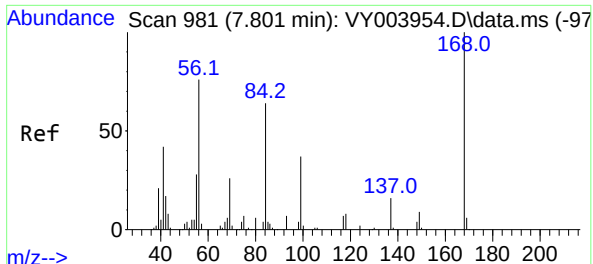
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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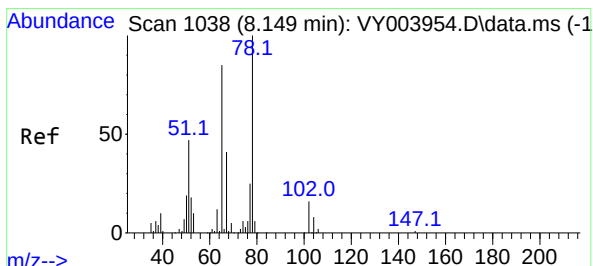
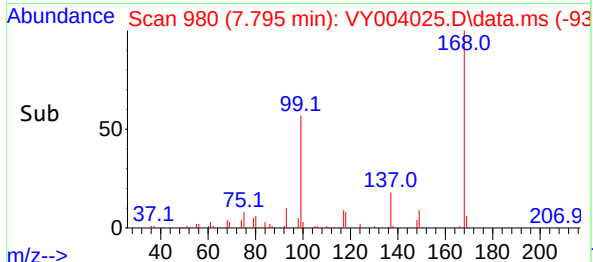
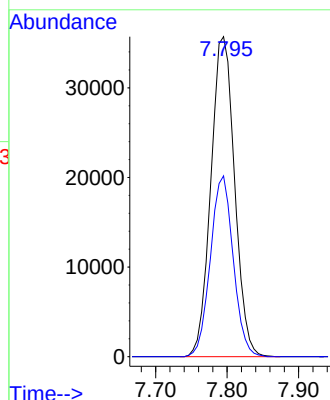
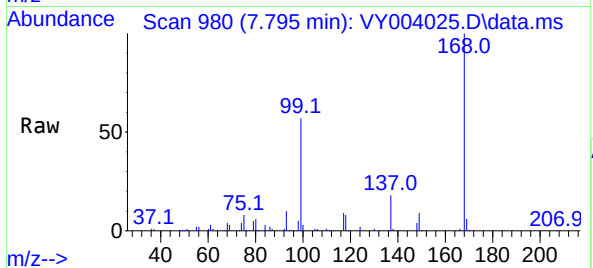




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

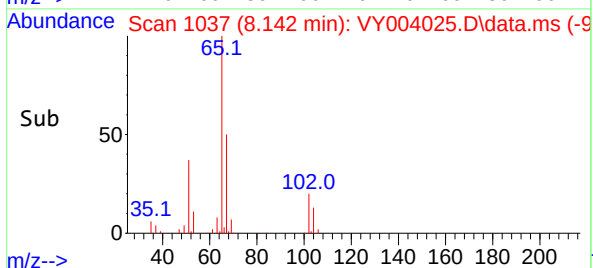
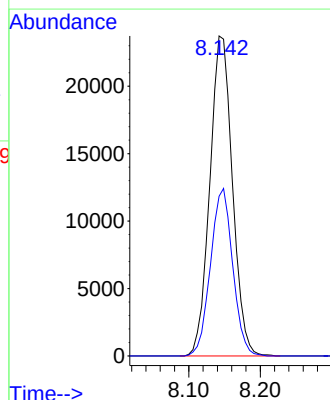
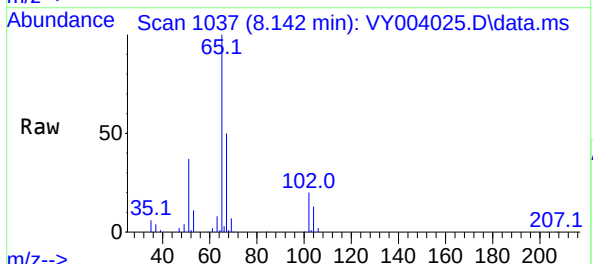
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-020-ABCD

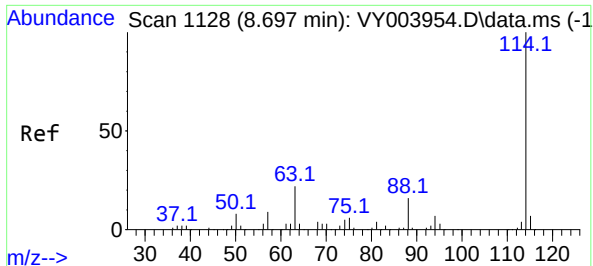
Tgt Ion:168 Resp: 82297
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 57.60 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

Tgt Ion: 65 Resp: 52124
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8

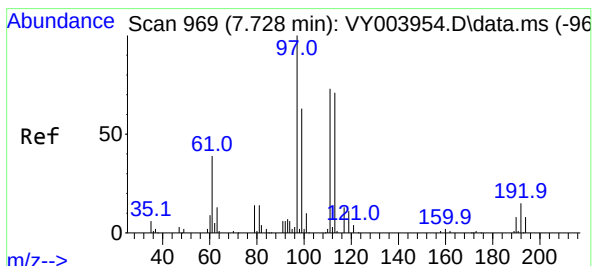
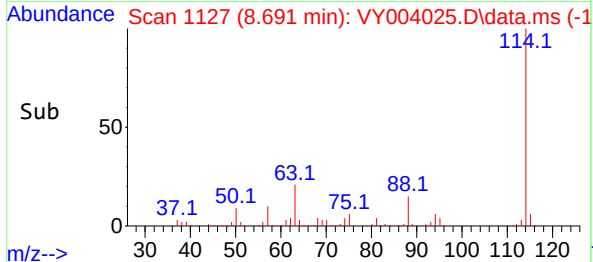
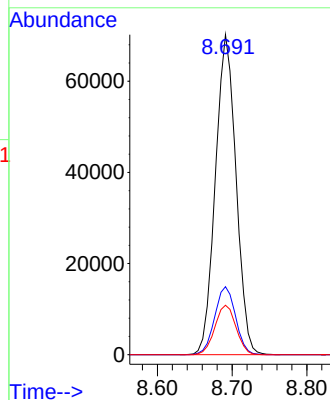
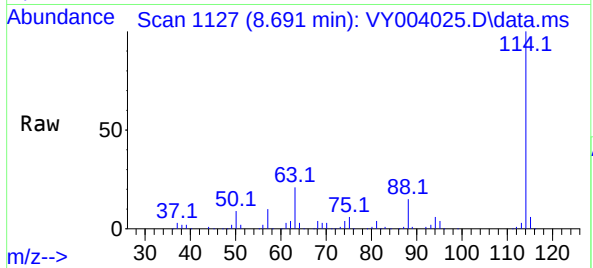




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

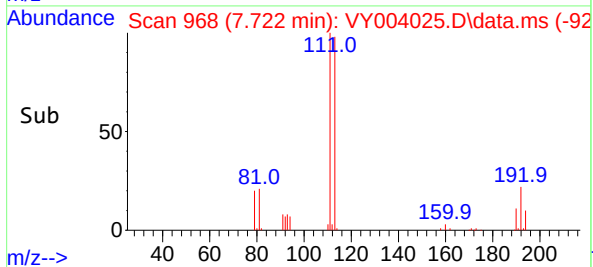
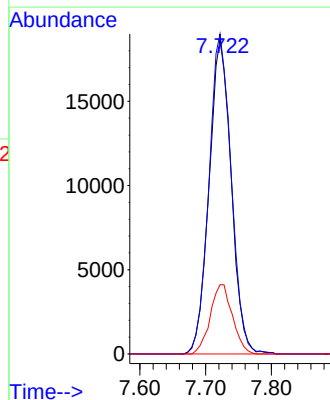
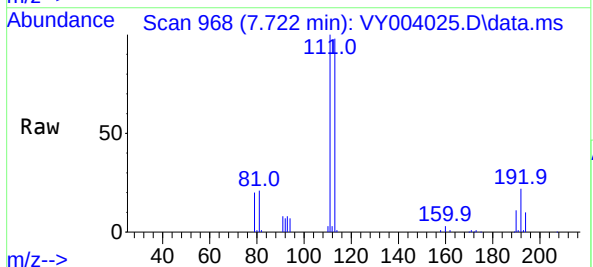
Instrument :
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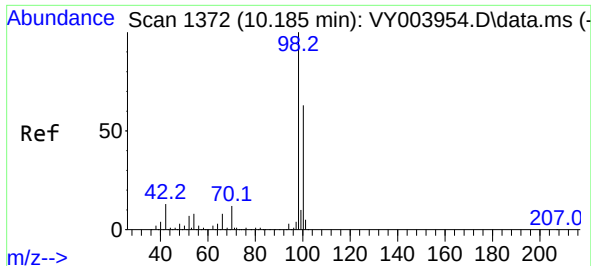
Tgt Ion:114 Resp: 135007
Ion Ratio Lower Upper
114 100
63 21.3 0.0 47.2
88 15.5 0.0 30.2



#35
Dibromofluoromethane
Concen: 55.30 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

Tgt Ion:113 Resp: 43649
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 22.1 18.3 27.5

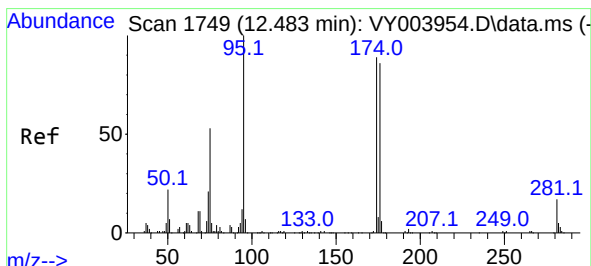
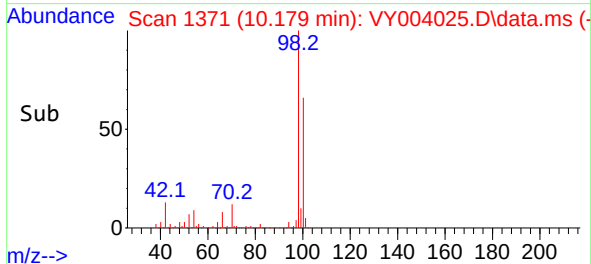
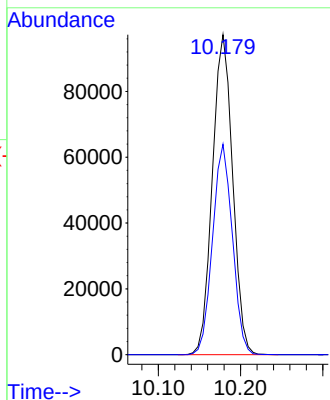
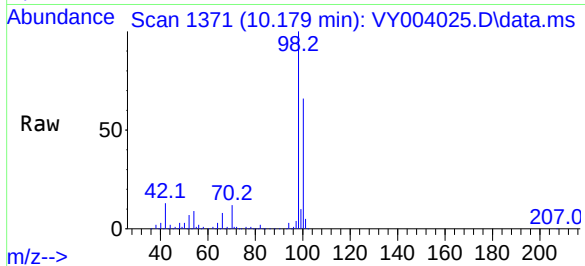




#50
Toluene-d8
Concen: 53.73 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

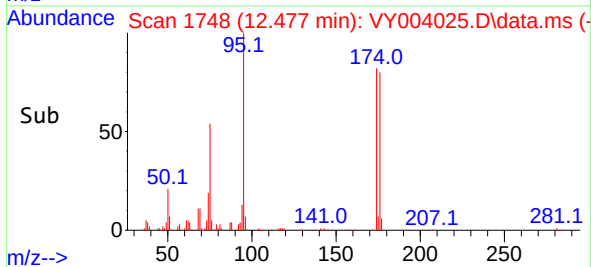
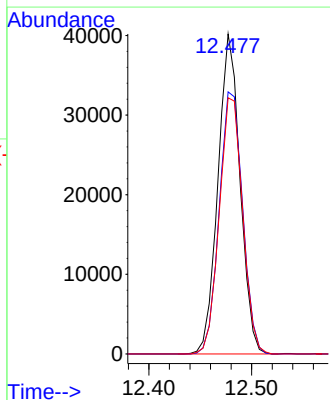
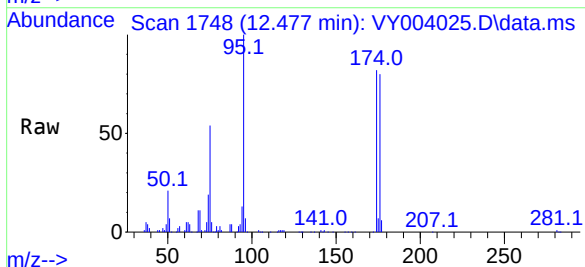
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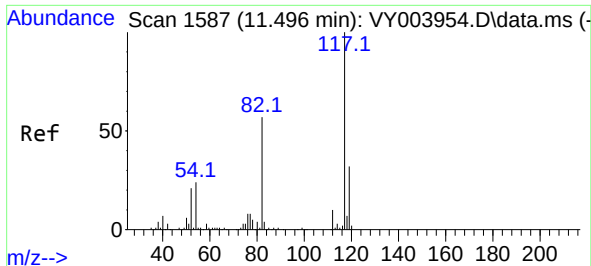
Tgt Ion: 98 Resp: 166428
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.96 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

Tgt Ion: 95 Resp: 59804
Ion Ratio Lower Upper
95 100
174 86.7 0.0 184.4
176 84.7 0.0 177.2

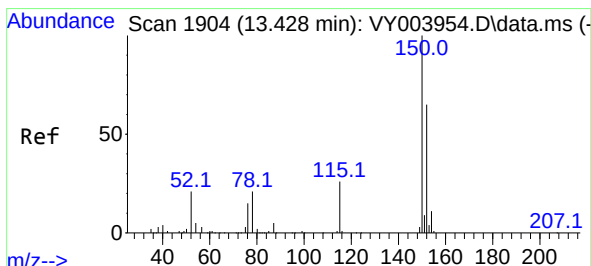
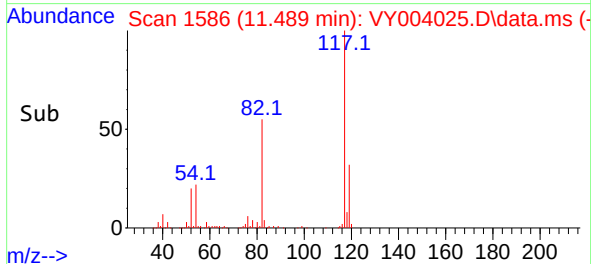
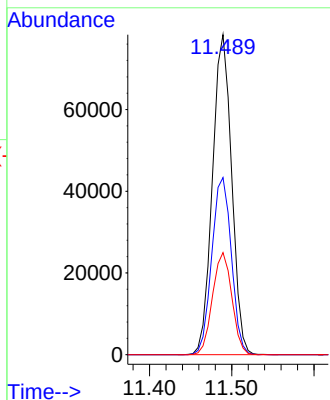
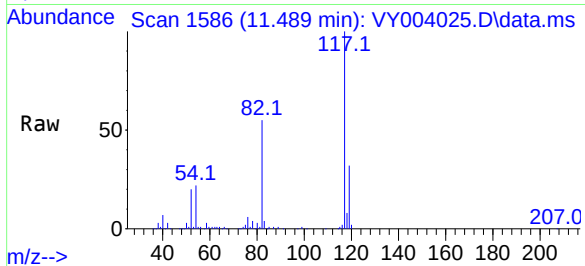




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004025.D
Acq: 12 Feb 2021 16:00

Instrument :
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ClientSampleId :
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Tgt Ion:	117	Resp:	127168
Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.3	66.5
119	31.9	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: VY004025.D
Acq: 12 Feb 2021 16:00

Tgt Ion:	152	Resp:	62220
Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.2	84.6
150	155.3	0.0	356.2

