

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006083.D
 Acq On : 17 Sep 2021 20:15
 Operator : SY/MD
 Sample : M3797-03
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20430

Quant Time: Sep 20 03:15:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	471	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2094	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1414	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	787	120.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	240.580%#
35) Dibromofluoromethane	7.722	113	175	20.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.620%#
50) Toluene-d8	10.185	98	2148	59.927	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.860%
62) 4-Bromofluorobenzene	12.483	95	940	77.242	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	154.480%#

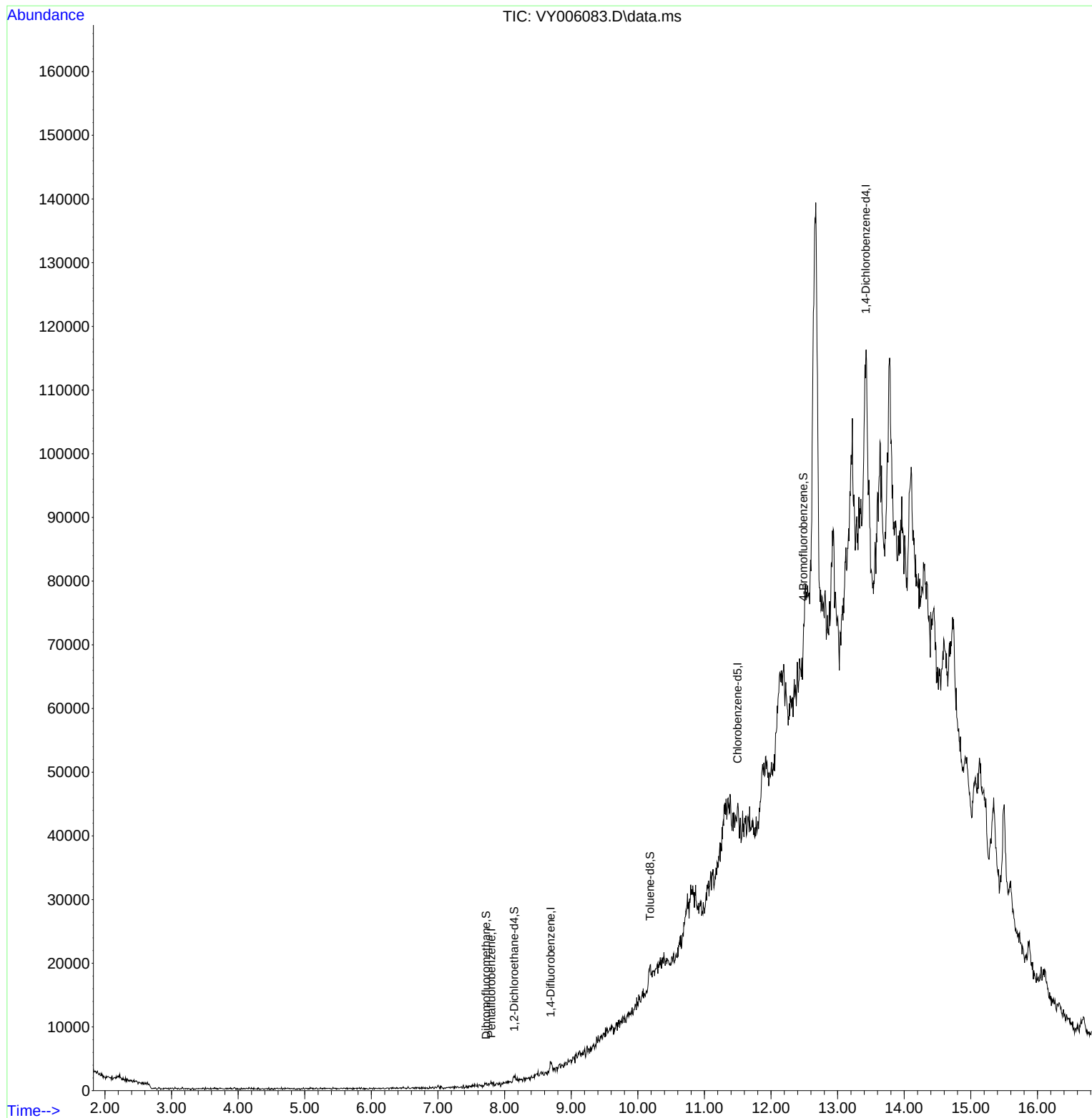
Target Compounds	Qvalue

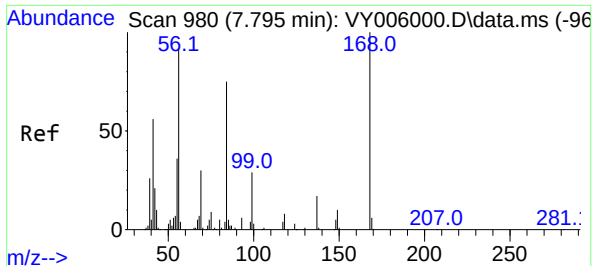
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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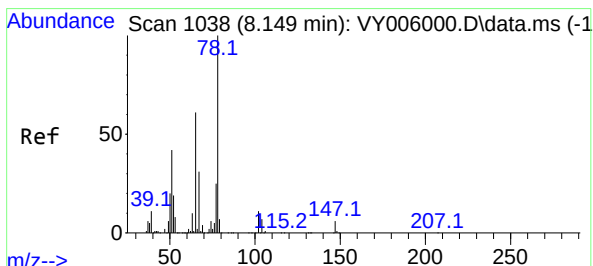
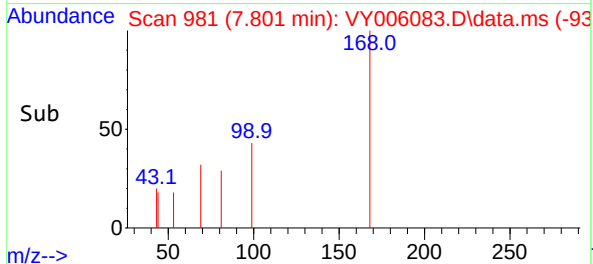
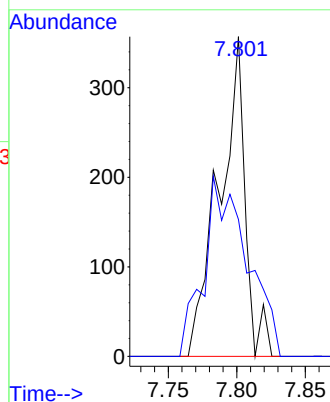
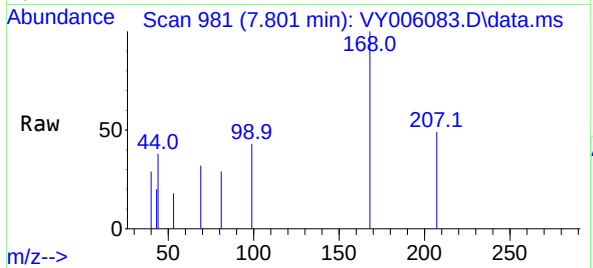




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006083.D
Acq: 17 Sep 2021 20:15

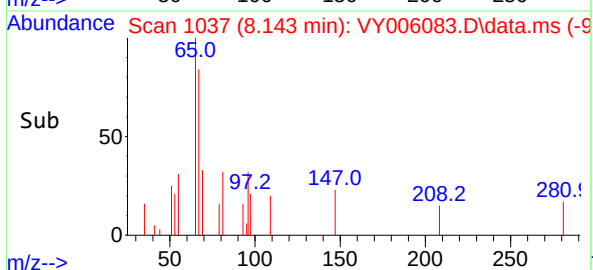
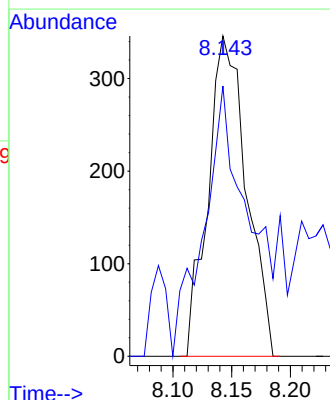
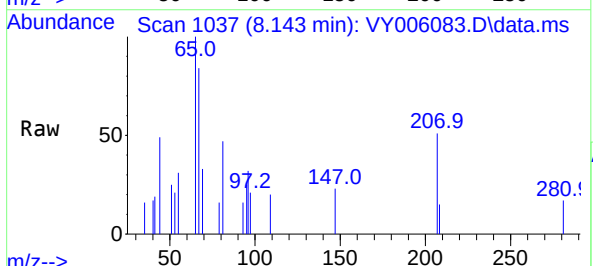
Instrument :
MSVOA_Y
ClientSampled :
20430

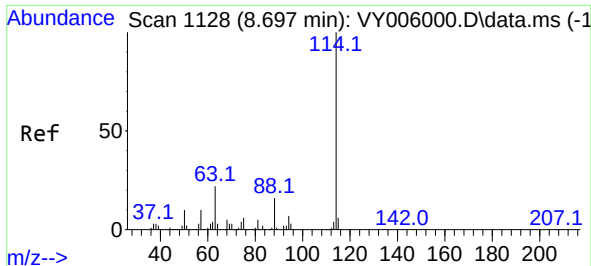
Tgt Ion:168 Resp: 471
Ion Ratio Lower Upper
168 100
99 42.9 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 120.291 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006083.D
Acq: 17 Sep 2021 20:15

Tgt Ion: 65 Resp: 787
Ion Ratio Lower Upper
65 100
67 96.7 0.0 99.4



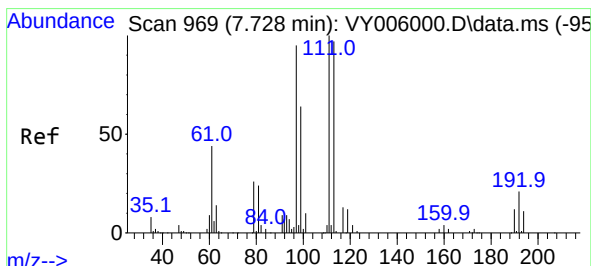
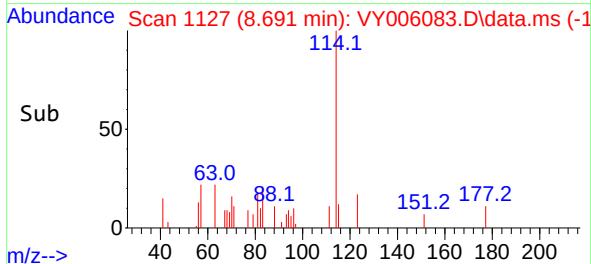
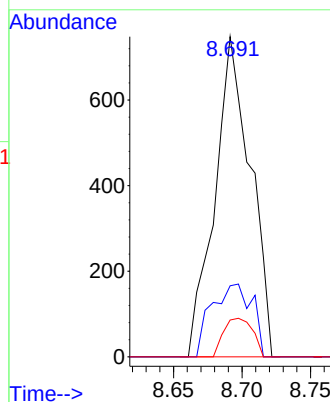
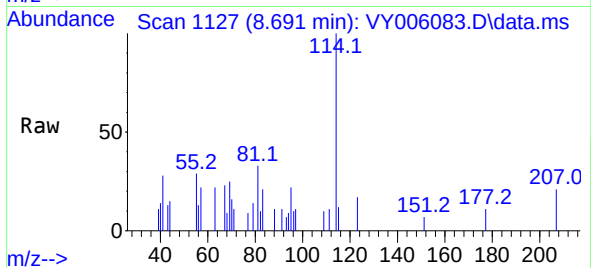


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006083.D
Acq: 17 Sep 2021 20:15

Instrument :
MSVOA_Y
ClientSampled :
20430

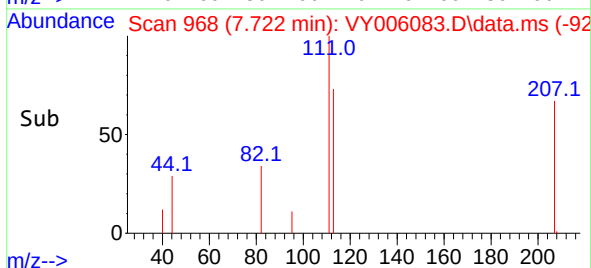
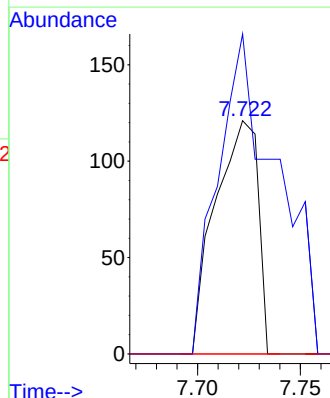
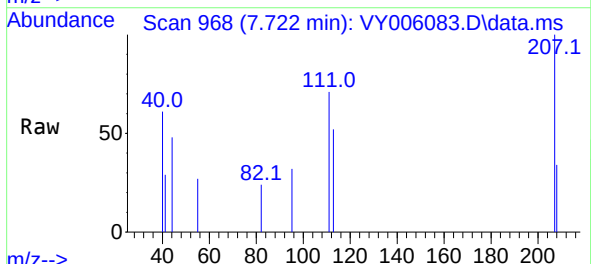
Tgt Ion:	114	Resp:	1354
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.2
88	11.5	0.0	31.8

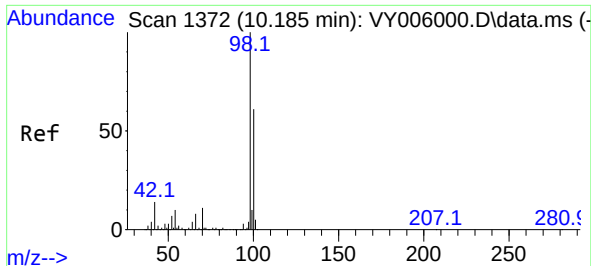


#35

Dibromofluoromethane
Concen: 20.809 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006083.D
Acq: 17 Sep 2021 20:15

Tgt Ion:	113	Resp:	175
Ion	Ratio	Lower	Upper
113	100		
111	188.6	82.6	124.0#
192	0.0	17.6	26.4#

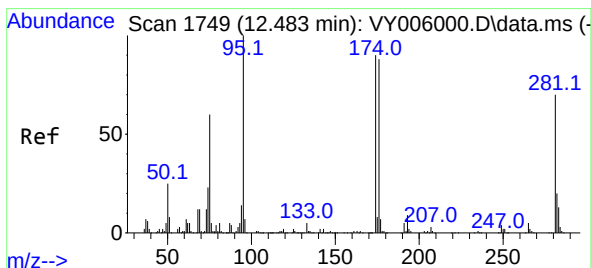
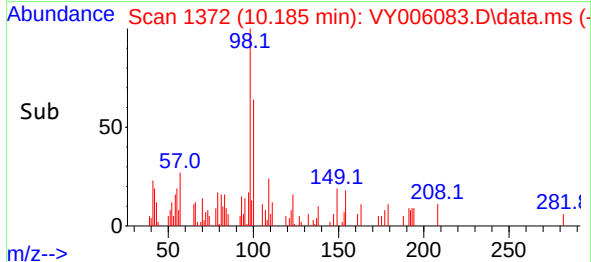
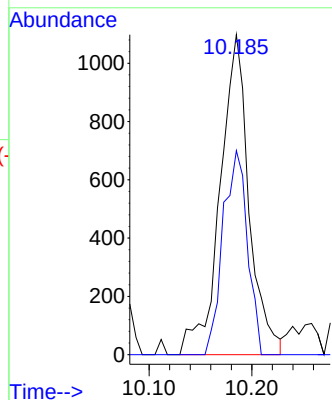
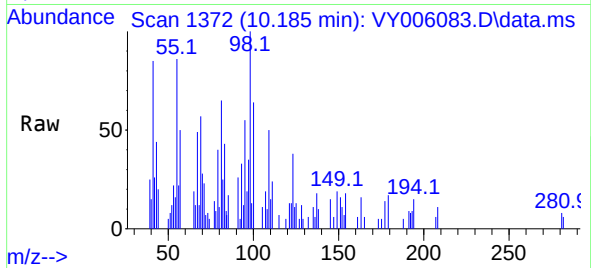




#50
Toluene-d8
Concen: 59.927 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006083.D
Acq: 17 Sep 2021 20:15

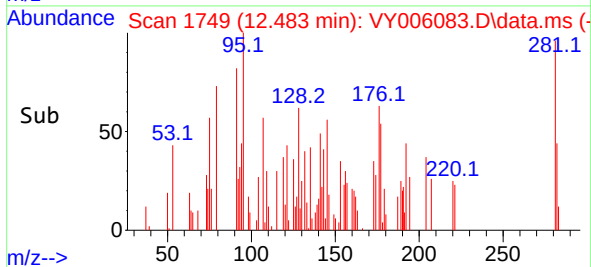
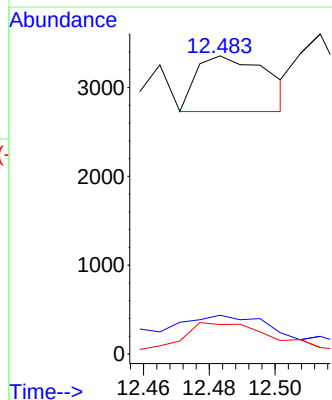
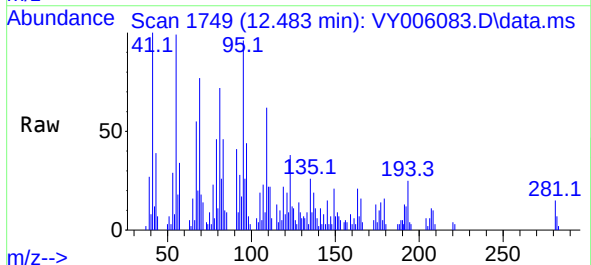
Instrument :
MSVOA_Y
ClientSampled :
20430

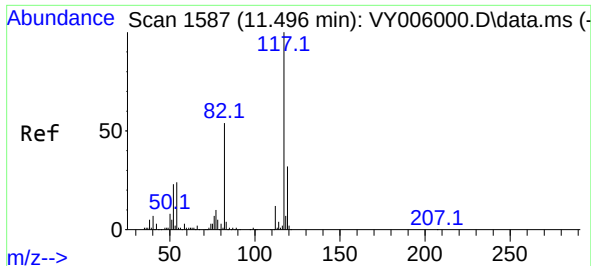
Tgt Ion: 98 Resp: 2148
Ion Ratio Lower Upper
98 100
100 53.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 77.242 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006083.D
Acq: 17 Sep 2021 20:15

Tgt Ion: 95 Resp: 940
Ion Ratio Lower Upper
95 100
174 61.8 0.0 177.0
176 77.9 0.0 175.8

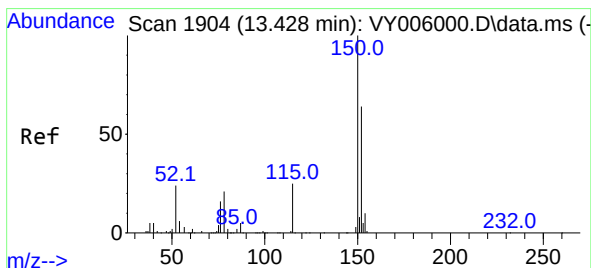
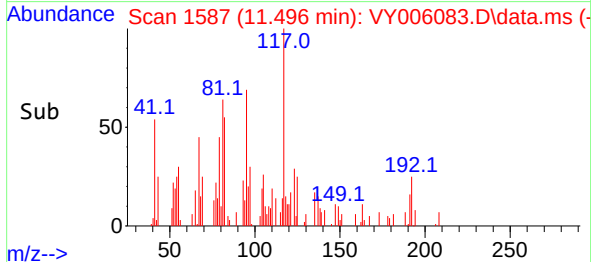
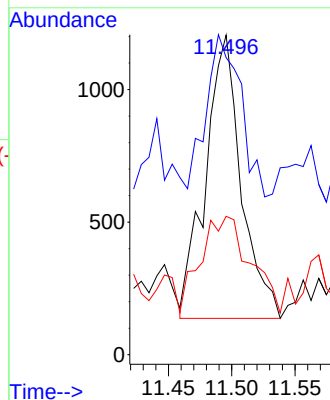
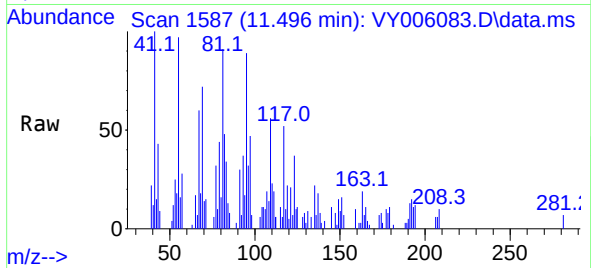




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006083.D
Acq: 17 Sep 2021 20:15

Instrument :
MSVOA_Y
ClientSampled :
20430

Tgt Ion:	117	Resp:	2094
Ion	Ratio	Lower	Upper
117	100		
82	42.3	43.0	64.4#
119	34.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006083.D
Acq: 17 Sep 2021 20:15

Tgt Ion:	152	Resp:	1414
Ion	Ratio	Lower	Upper
152	100		
115	28.8	28.2	84.7
150	71.4	0.0	347.6

