

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006283.D
 Acq On : 04 Oct 2021 17:55
 Operator : SY/MD
 Sample : M4056-09
 Misc : 5.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-7

Quant Time: Oct 05 06:38:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	112339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64834	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	78559	65.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.68%
35) Dibromofluoromethane	7.722	113	55453	56.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.26%
50) Toluene-d8	10.179	98	226698	55.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.62%
62) 4-Bromofluorobenzene	12.483	95	65428	46.99	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.98%

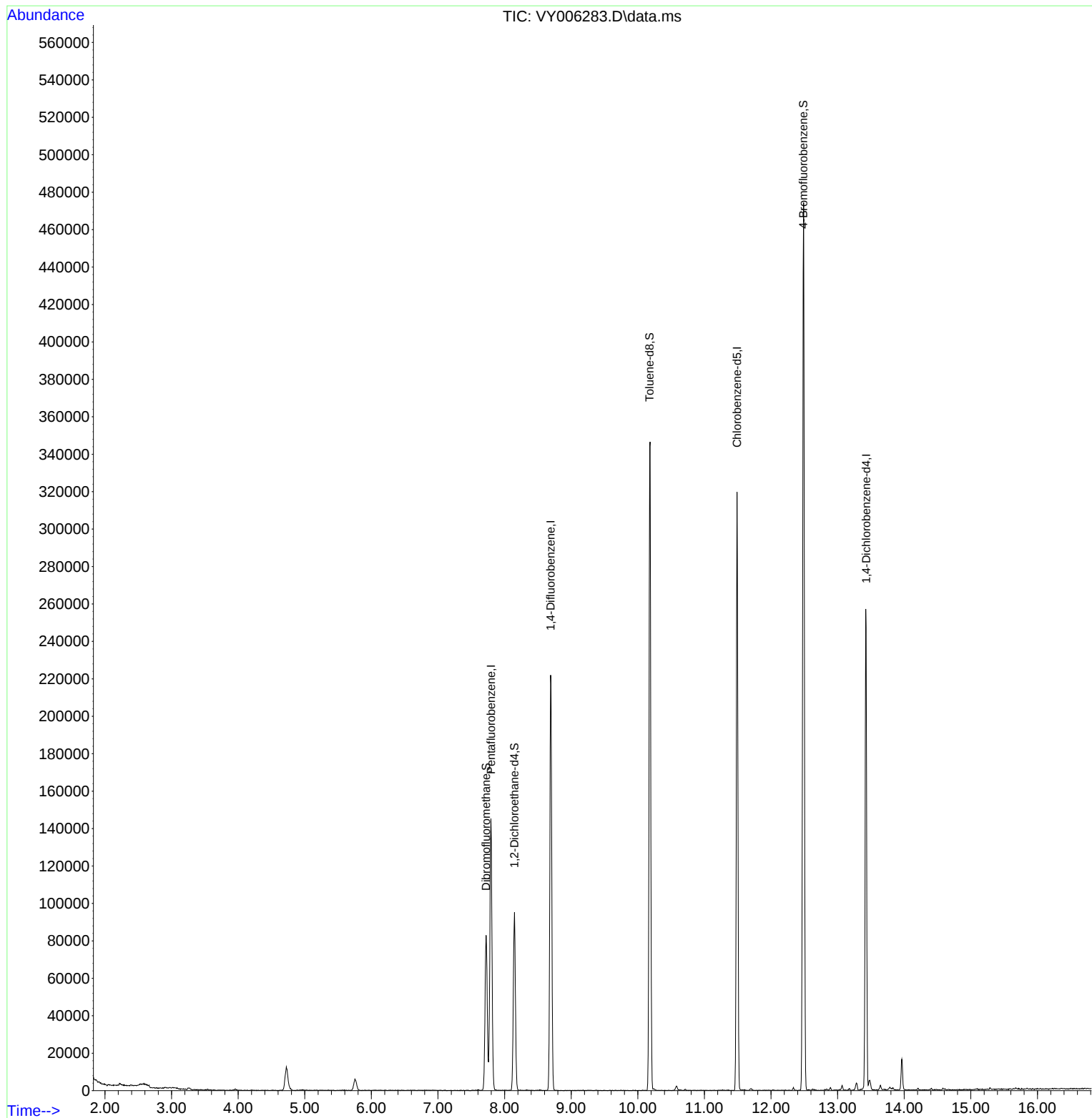
Target Compounds	Qvalue

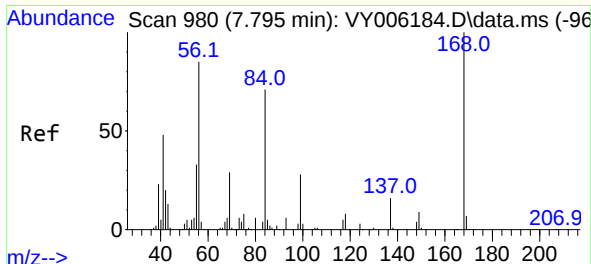
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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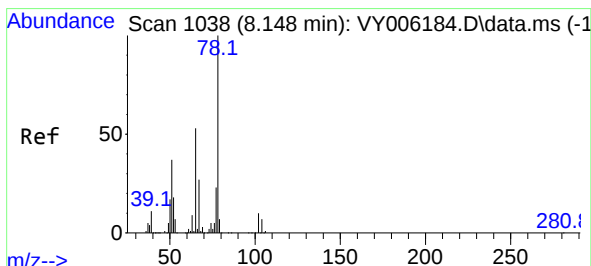
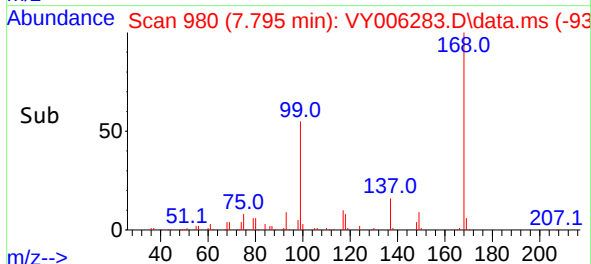
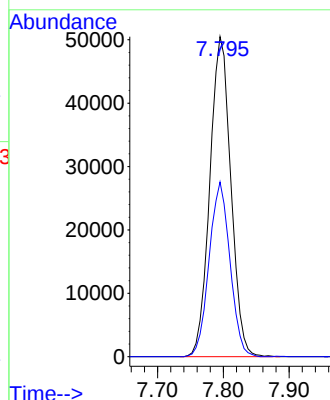
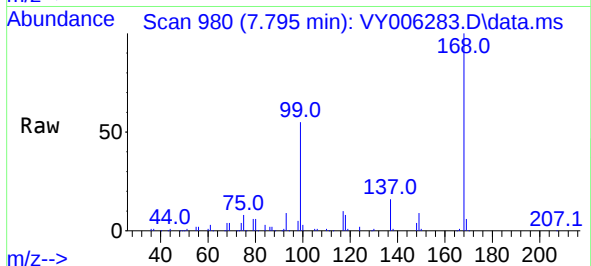




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006283.D
Acq: 04 Oct 2021 17:55

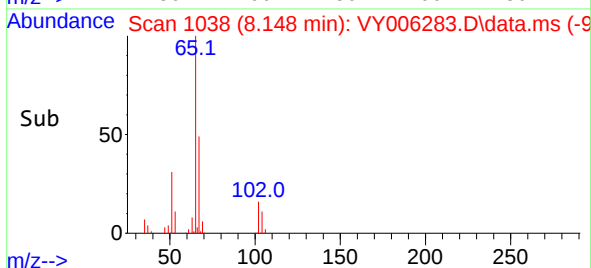
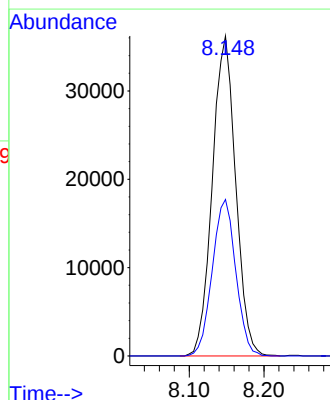
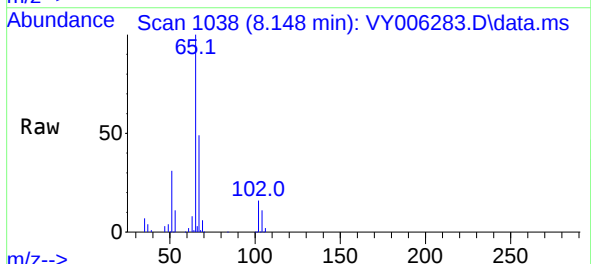
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-7

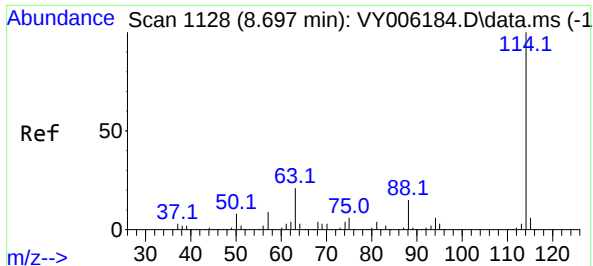
Tgt Ion:168 Resp: 112339
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.34 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006283.D
Acq: 04 Oct 2021 17:55

Tgt Ion: 65 Resp: 78559
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.4

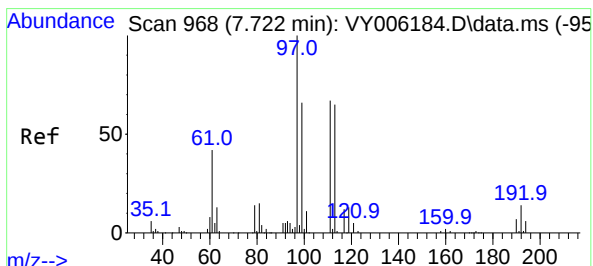
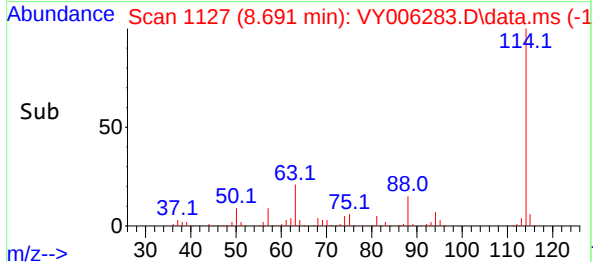
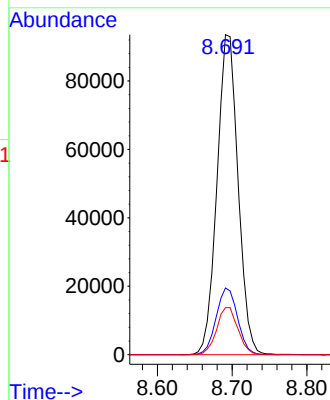
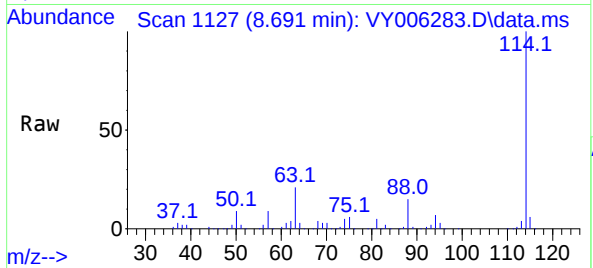




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006283.D
Acq: 04 Oct 2021 17:55

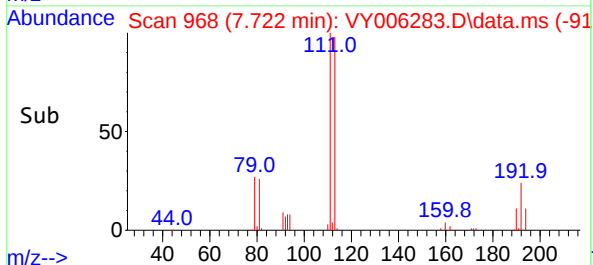
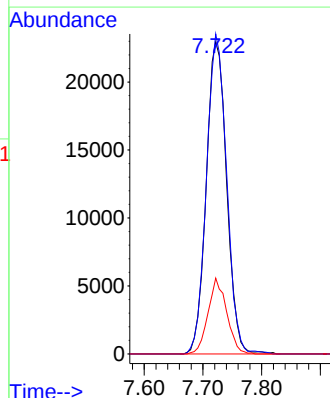
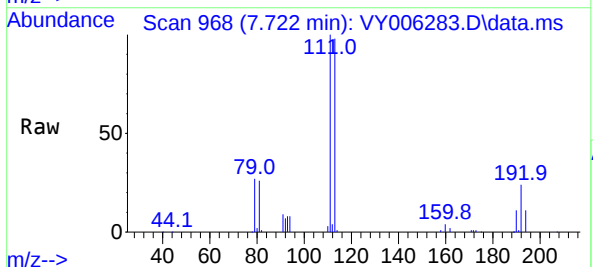
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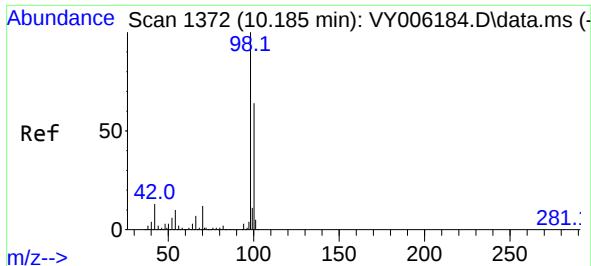
Tgt Ion:114 Resp: 183292
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.2
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 56.63 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006283.D
Acq: 04 Oct 2021 17:55

Tgt Ion:113 Resp: 55453
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 22.2 17.6 26.4

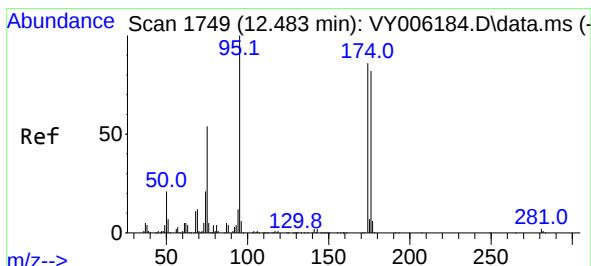
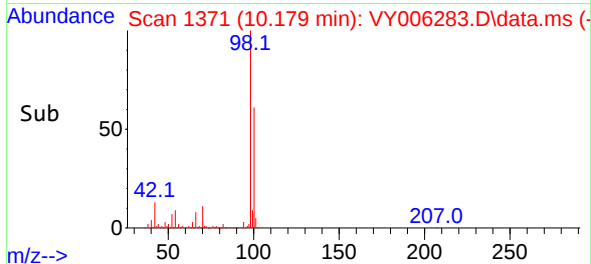
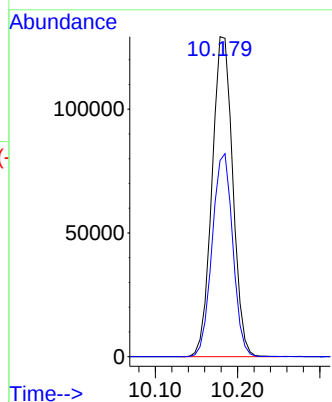
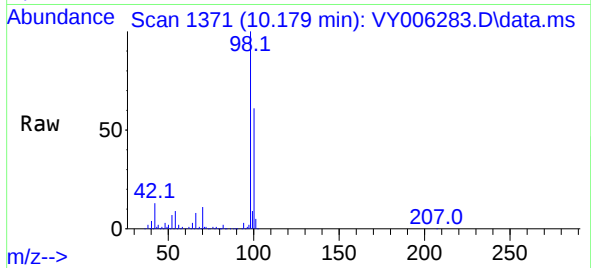




#50
Toluene-d8
Concen: 55.31 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006283.D
Acq: 04 Oct 2021 17:55

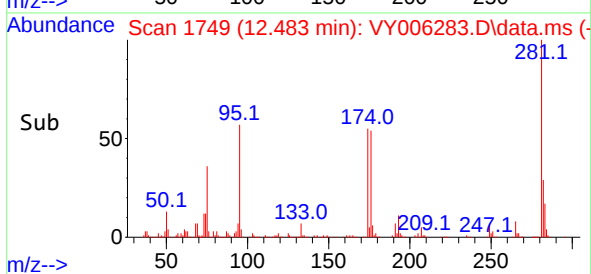
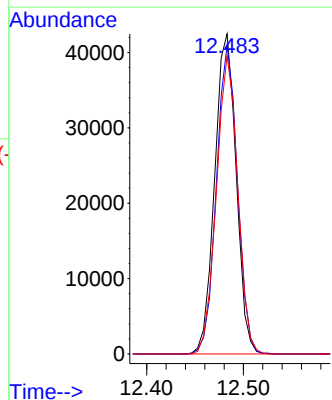
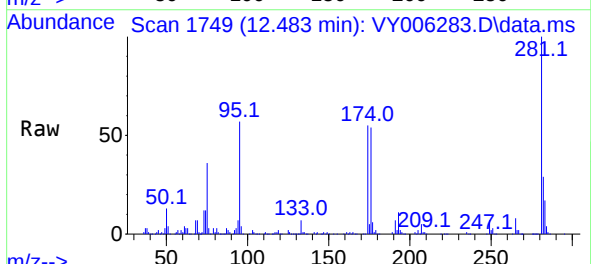
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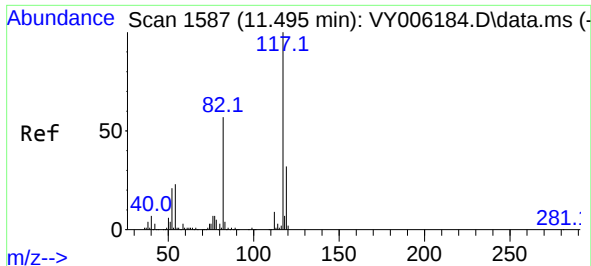
Tgt Ion: 98 Resp: 226698
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.99 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006283.D
Acq: 04 Oct 2021 17:55

Tgt Ion: 95 Resp: 65428
Ion Ratio Lower Upper
95 100
174 94.3 0.0 177.0
176 92.5 0.0 175.8

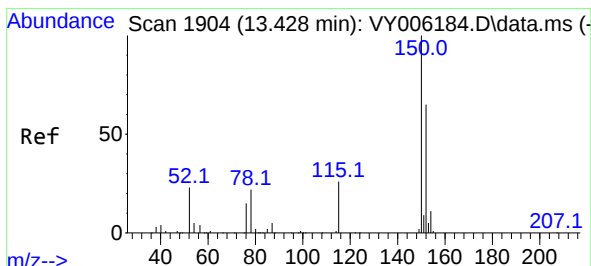
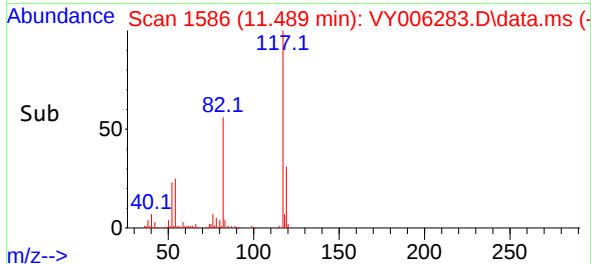
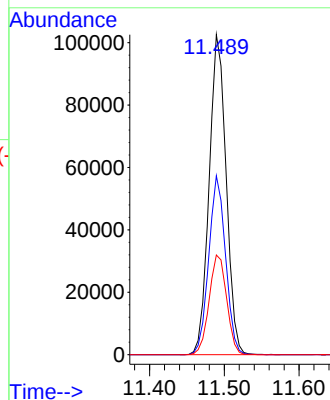
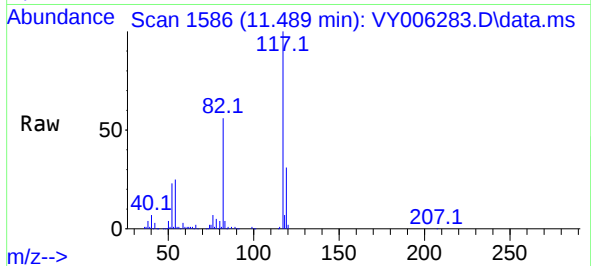




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006283.D
Acq: 04 Oct 2021 17:55

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Tgt Ion:	117	Resp:	161920
Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.0	64.4
119	31.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006283.D
Acq: 04 Oct 2021 17:55

Tgt Ion:	152	Resp:	64834
Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.2	84.7
150	157.3	0.0	347.6

