

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006281.D
 Acq On : 04 Oct 2021 17:09
 Operator : SY/MD
 Sample : M4056-07
 Misc : 5.70G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-5

Quant Time: Oct 05 06:37:59 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	107627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	178867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	163288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77711	67.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.92%
35) Dibromofluoromethane	7.722	113	54175	56.69	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.38%
50) Toluene-d8	10.185	98	223487	55.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.76%
62) 4-Bromofluorobenzene	12.483	95	64742	47.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.30%

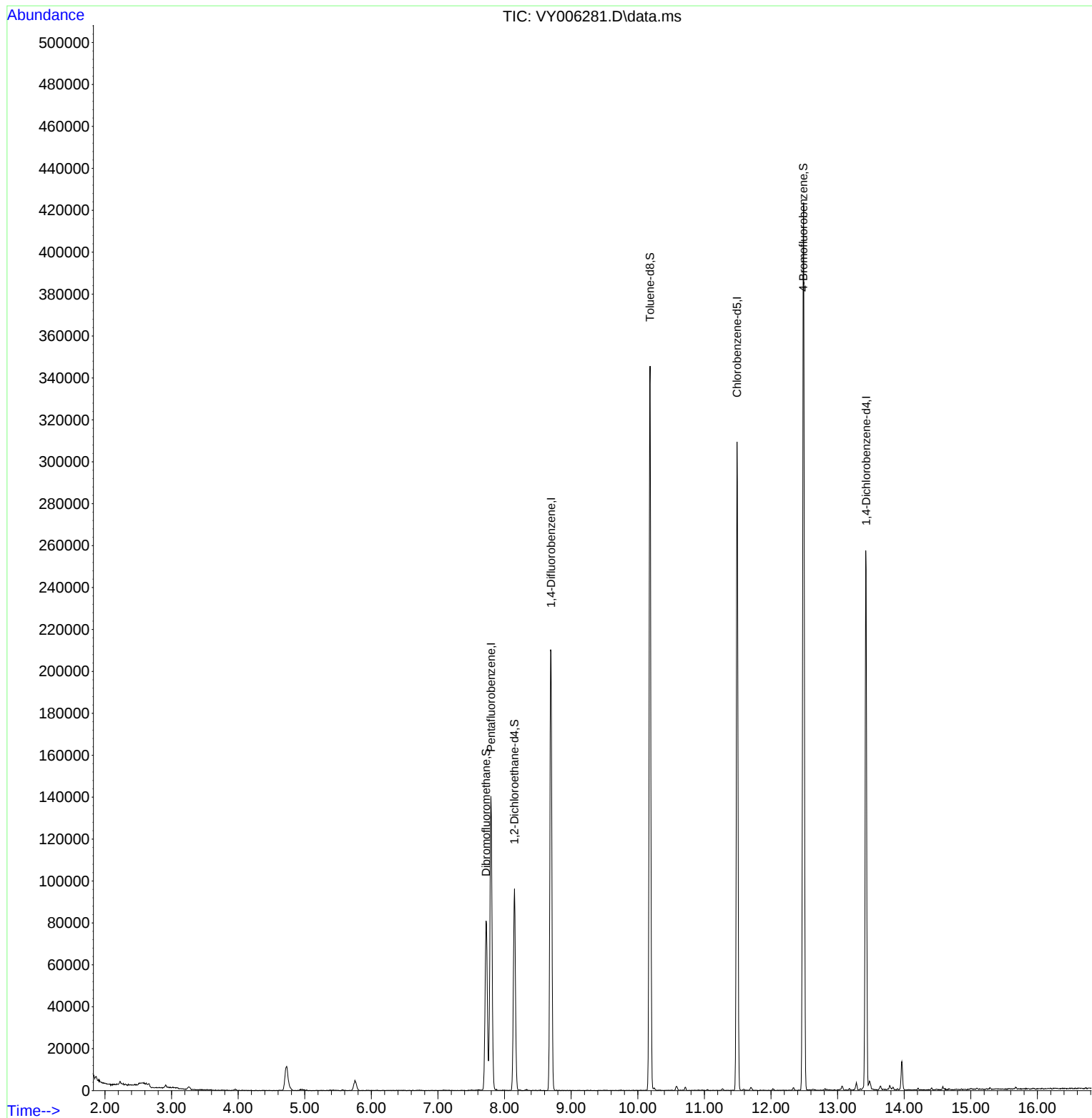
Target Compounds	Qvalue
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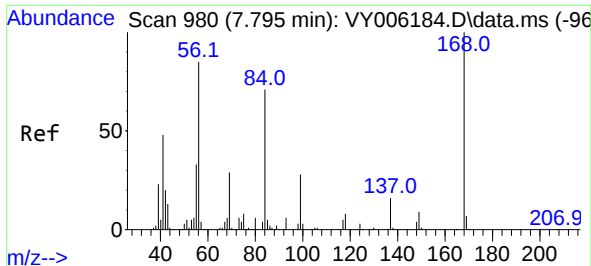
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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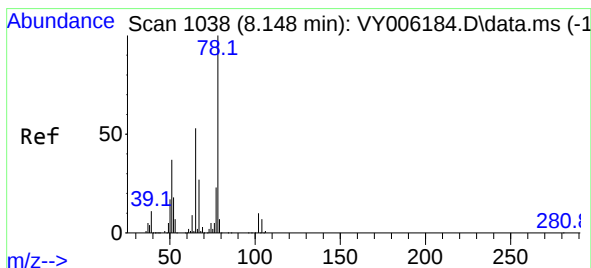
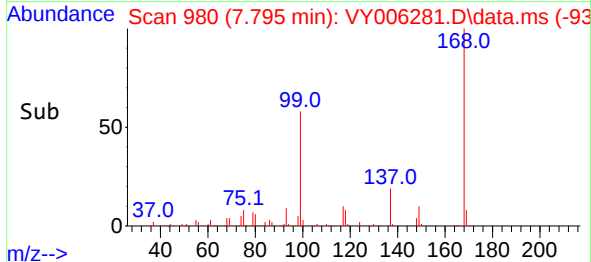
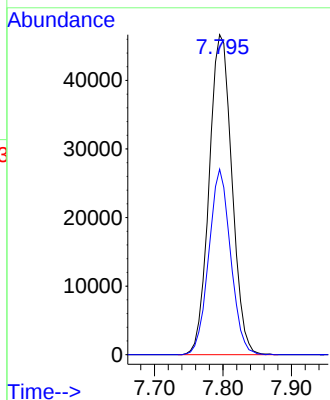
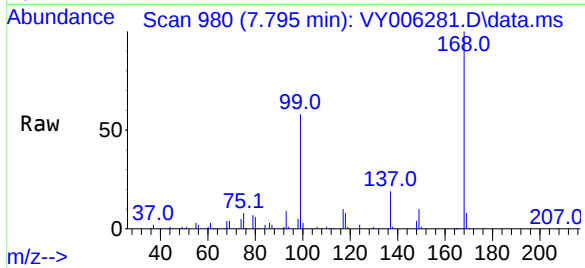




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

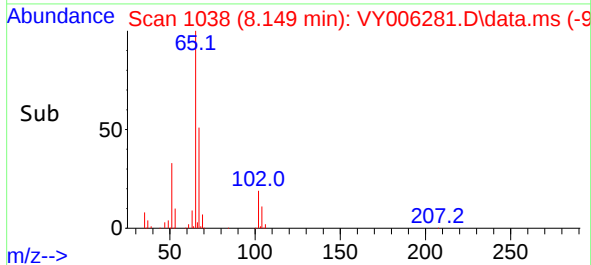
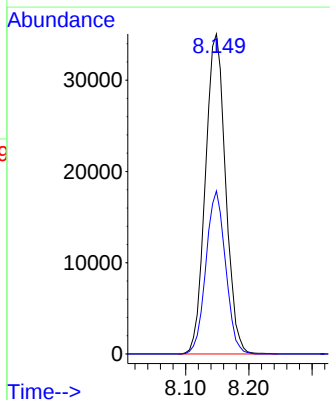
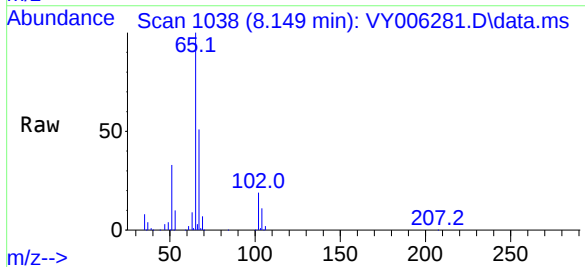
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-5

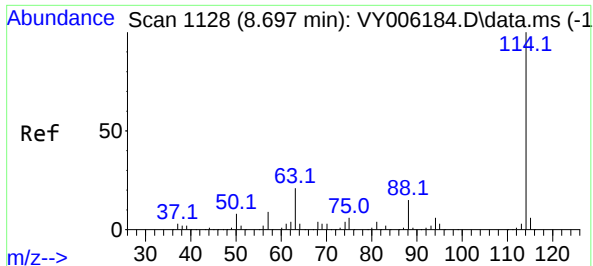
Tgt Ion:168 Resp: 107627
Ion Ratio Lower Upper
168 100
99 57.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.46 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

Tgt Ion: 65 Resp: 77711
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.4

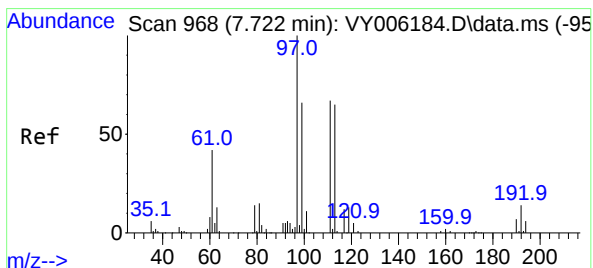
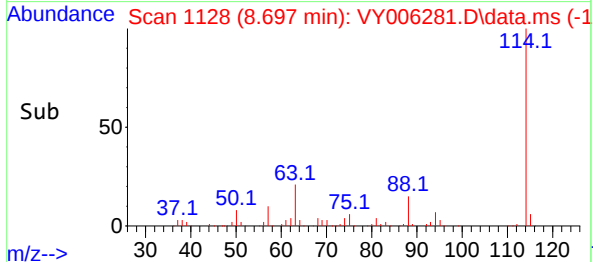
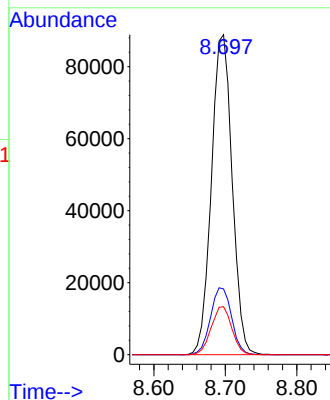
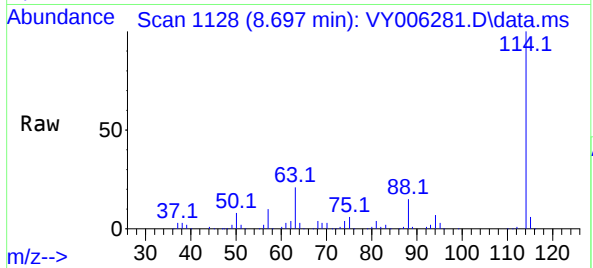




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

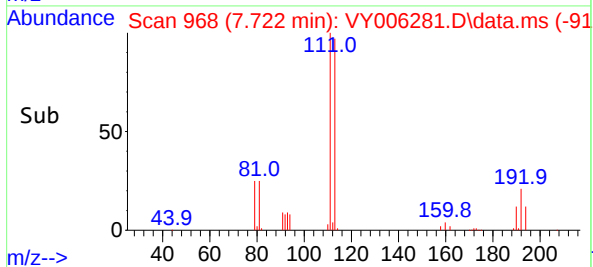
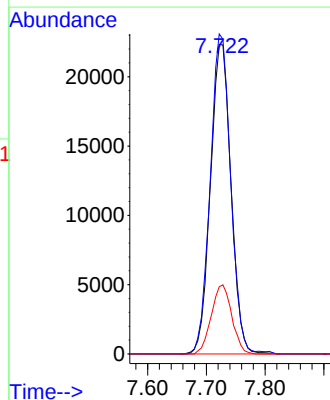
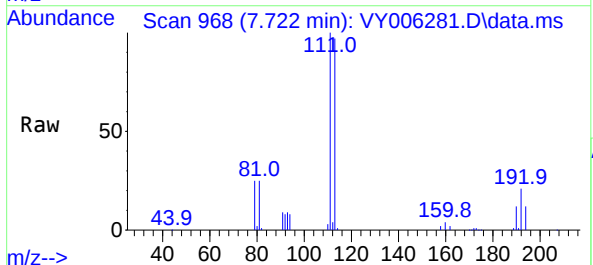
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-5

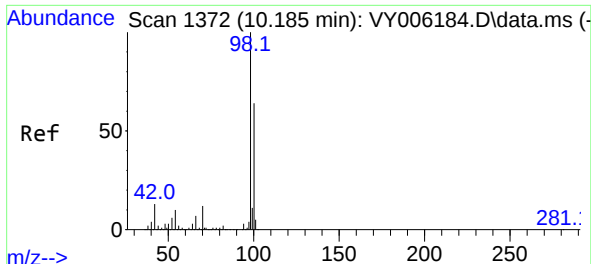
Tgt Ion:	114	Resp:	178867
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	43.2
88	15.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 56.69 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

Tgt Ion:	113	Resp:	54175
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.6	124.0
192	22.2	17.6	26.4

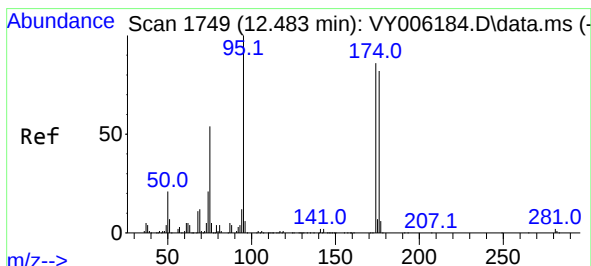
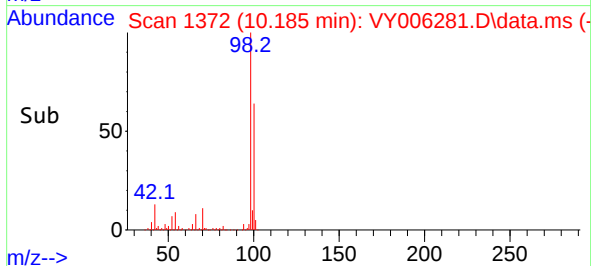
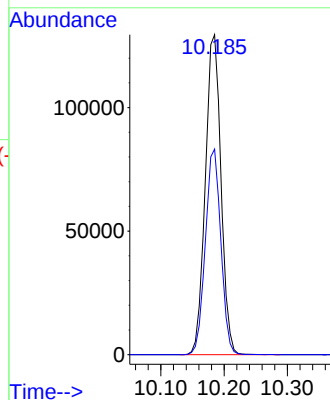
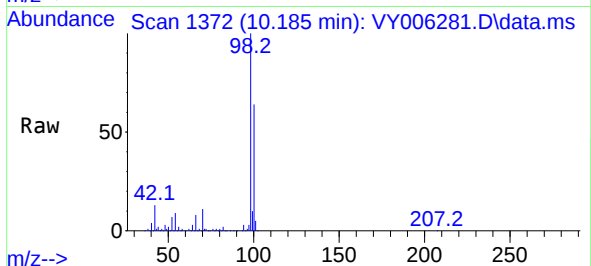




#50
Toluene-d8
Concen: 55.88 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

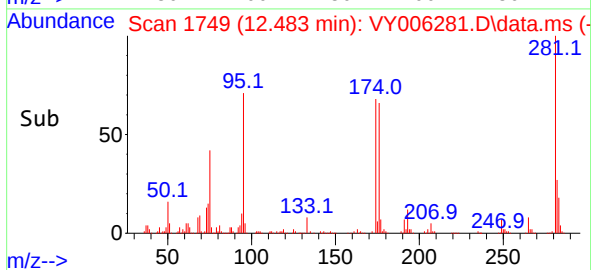
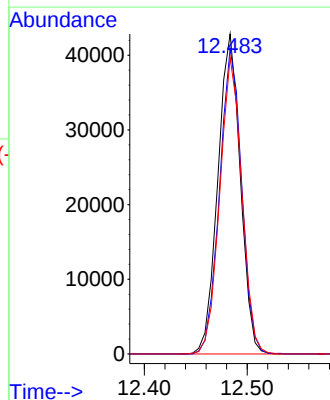
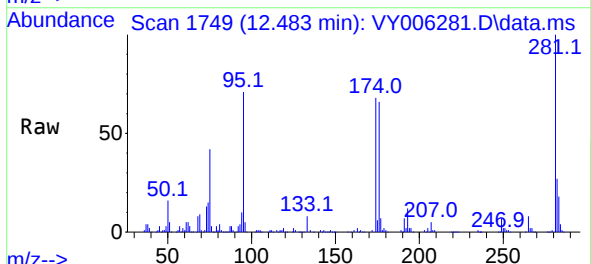
Instrument :
MSVOA_Y
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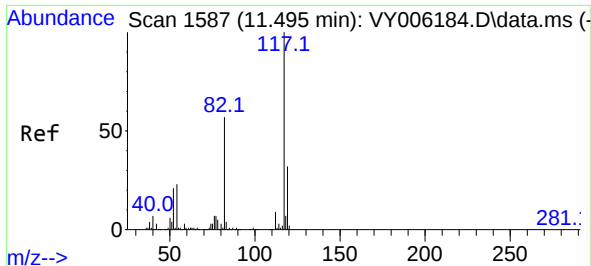
Tgt Ion: 98 Resp: 223487
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

Tgt Ion: 95 Resp: 64742
Ion Ratio Lower Upper
95 100
174 94.0 0.0 177.0
176 91.0 0.0 175.8

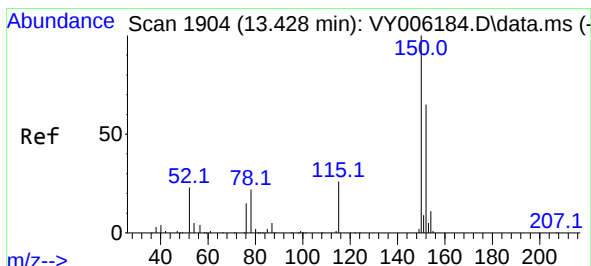
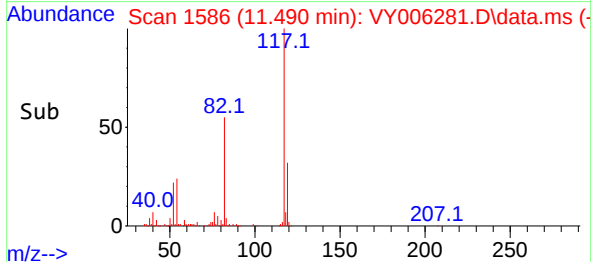
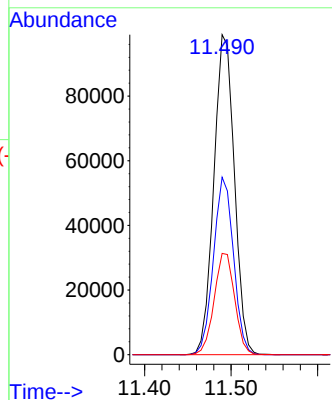
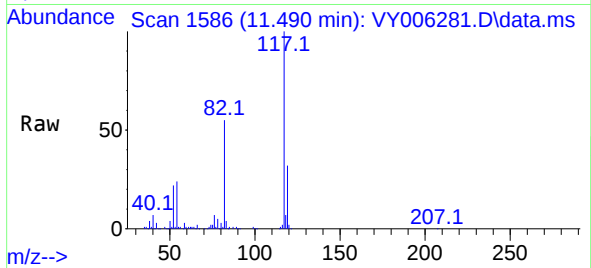




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

Instrument :
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Tgt Ion:117 Resp: 163288
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 31.6 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: VY006281.D
Acq: 04 Oct 2021 17:09

Tgt Ion:152 Resp: 65086
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 159.0 0.0 347.6

