

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008306.D
 Acq On : 13 Apr 2022 12:43
 Operator : KP/MD
 Sample : N2365-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-041122

Quant Time: Apr 14 05:55:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

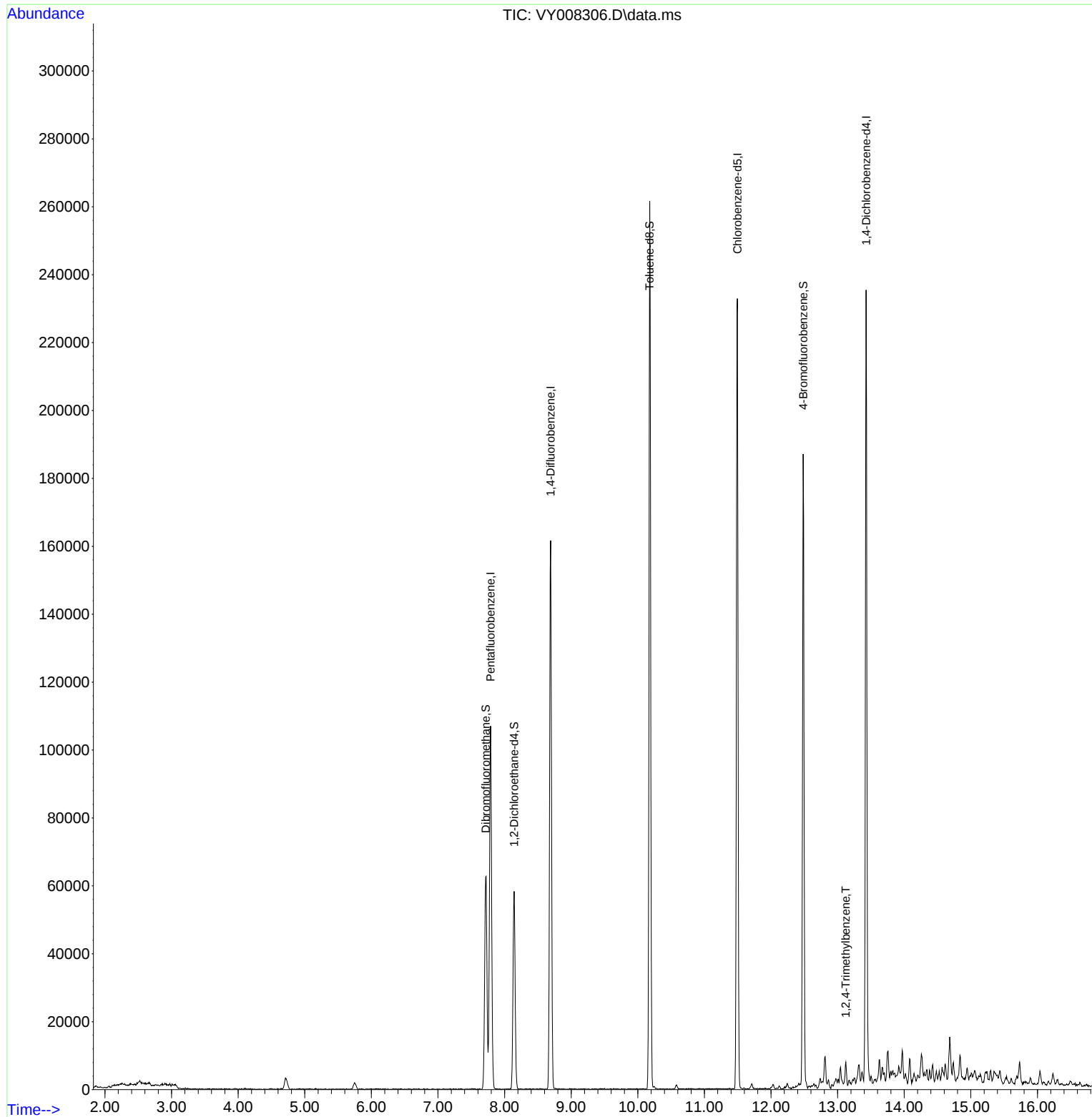
Internal Standards						
1) Pentafluorobenzene	7.789	168	83119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	146768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	134694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44852	57.447	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.900%
35) Dibromofluoromethane	7.716	113	45673	53.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.760%
50) Toluene-d8	10.179	98	175823	60.614	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.220%
62) 4-Bromofluorobenzene	12.483	95	56623	51.899	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.800%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.123	105	3884	1.082	ug/l	98

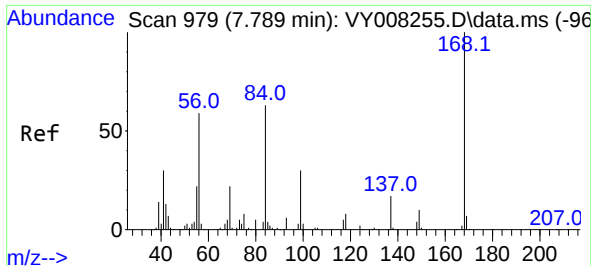
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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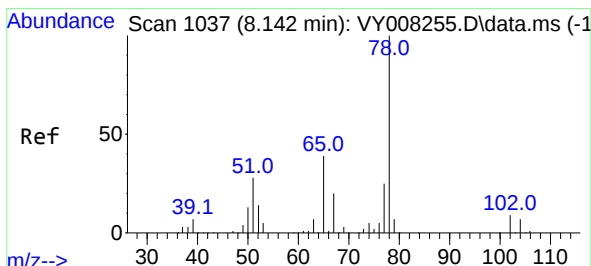
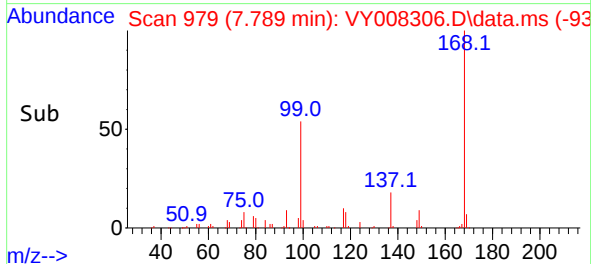
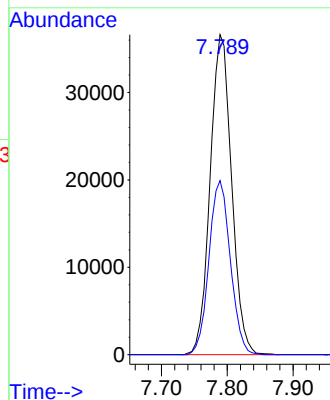
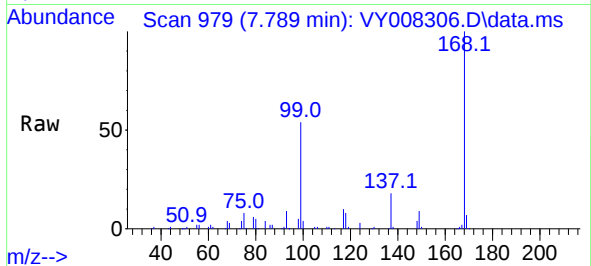




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

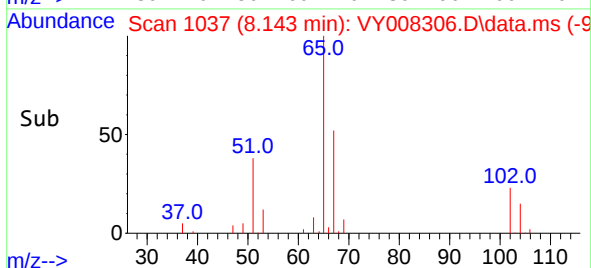
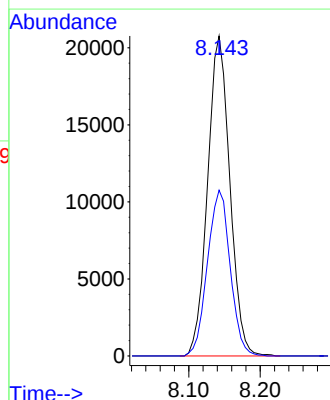
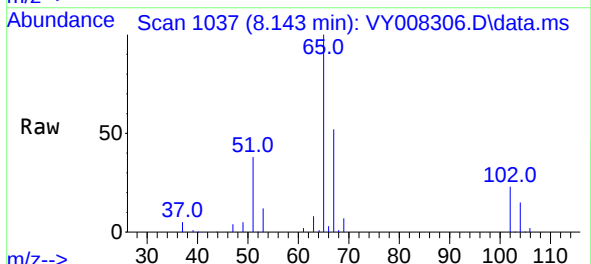
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-041122

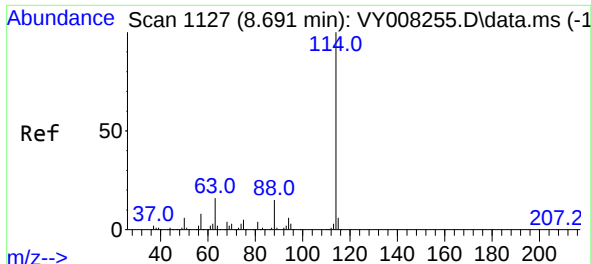
Tgt Ion:168 Resp: 83119
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.447 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

Tgt Ion: 65 Resp: 44852
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4



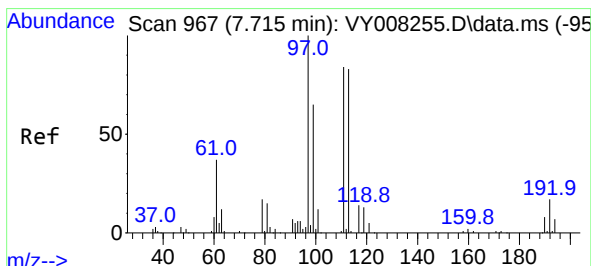
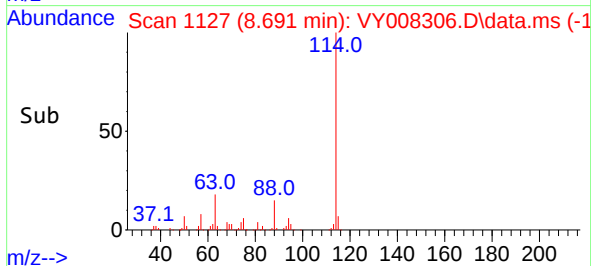
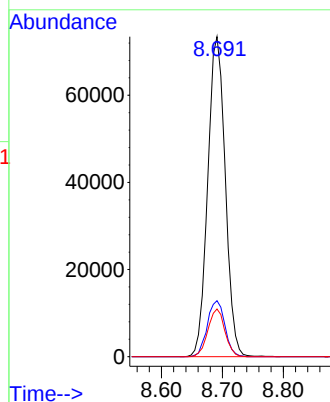
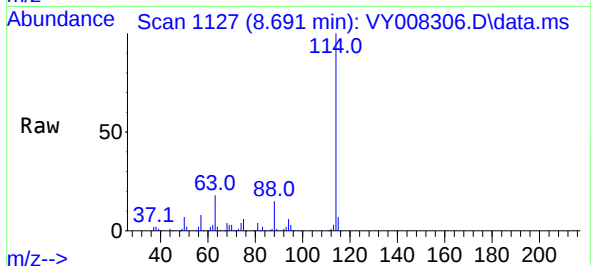


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-041122

Tgt Ion:114 Resp: 146768

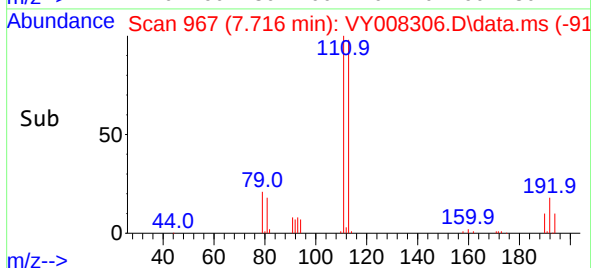
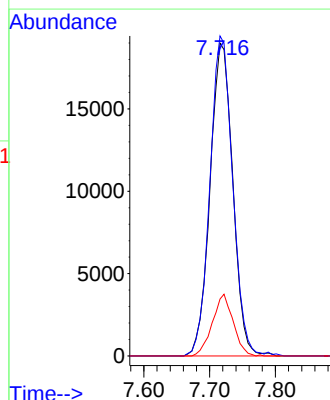
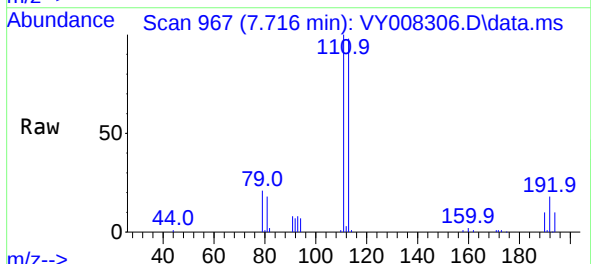
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	43.2
88	14.9	0.0	31.8

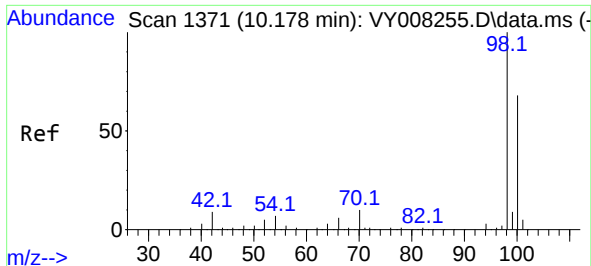


#35
Dibromofluoromethane
Concen: 53.878 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.001 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

Tgt Ion:113 Resp: 45673

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	18.1	17.6	26.4

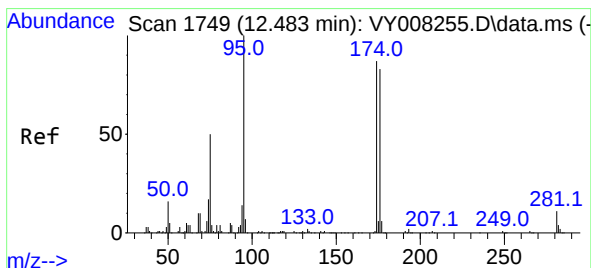
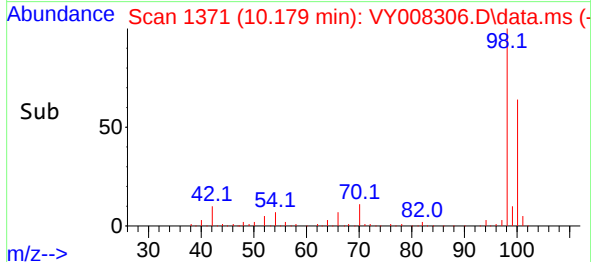
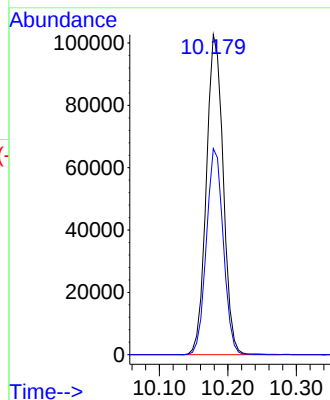
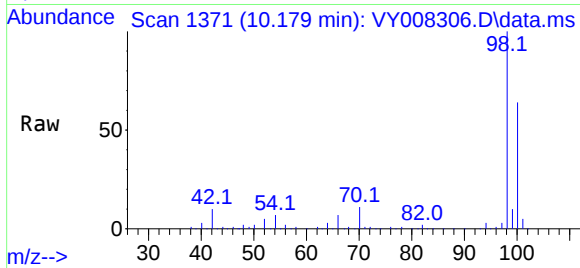




#50
Toluene-d8
Concen: 60.614 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

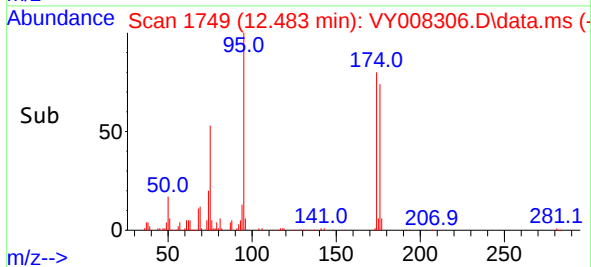
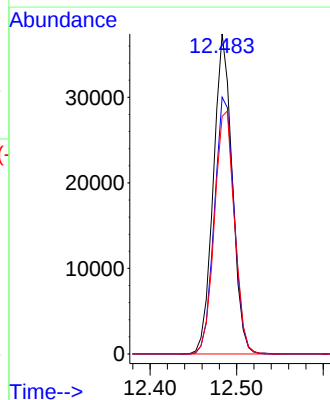
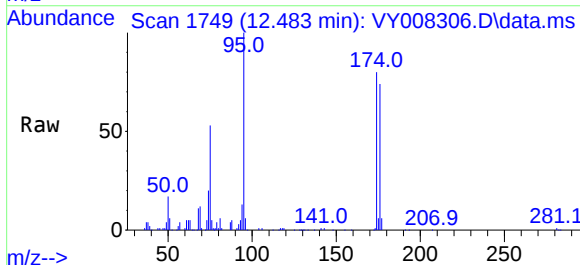
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-041122

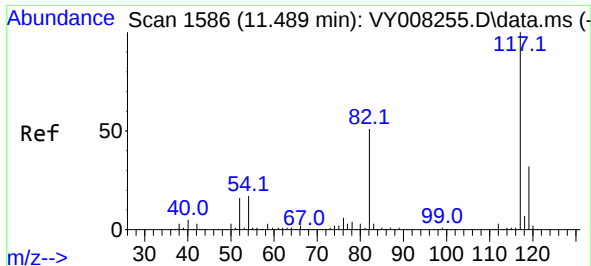
Tgt Ion: 98 Resp: 175823
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.899 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

Tgt Ion: 95 Resp: 56623
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 80.5 0.0 175.8

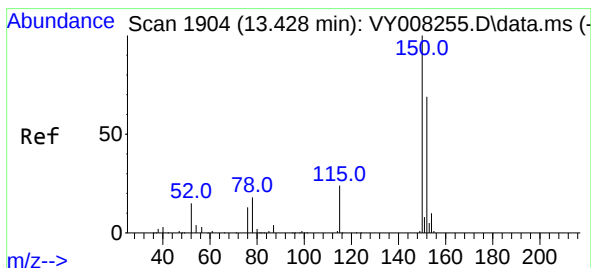
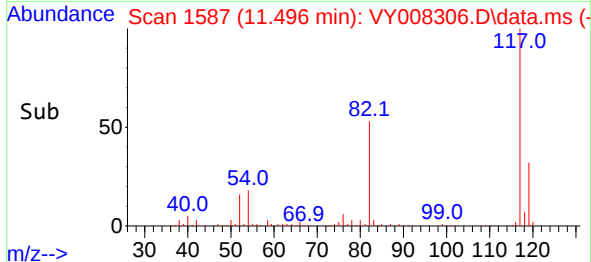
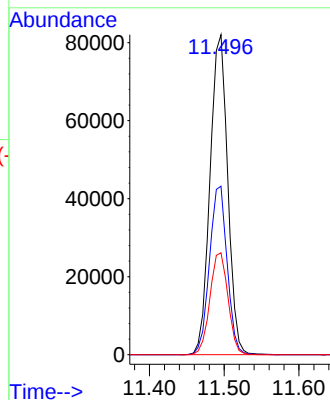
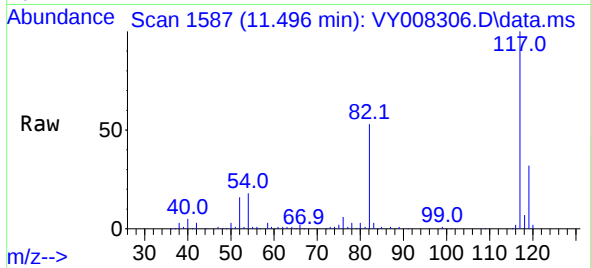




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

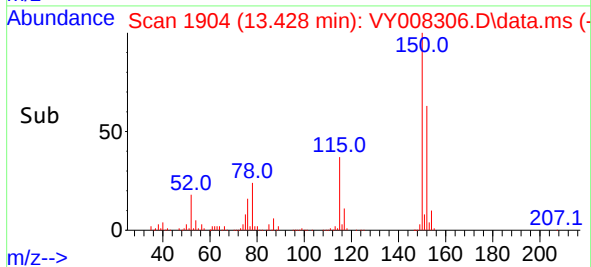
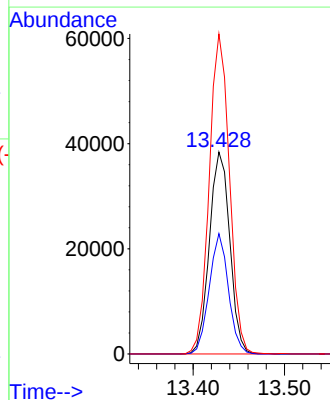
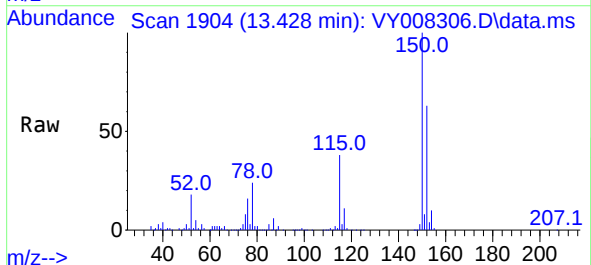
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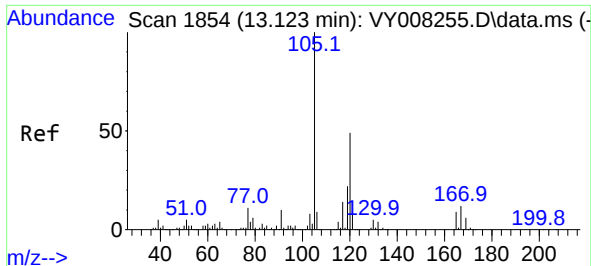
Tgt Ion:117 Resp: 134694
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

Tgt Ion:152 Resp: 59496
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 156.8 0.0 347.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.082 ug/l
 RT: 13.123 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY008306.D
 Acq: 13 Apr 2022 12:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-041122

Tgt Ion:105 Resp: 3884
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.9

