

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006247.D
 Acq On : 30 Sep 2021 18:01
 Operator : SY/MD
 Sample : M4007-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-08-093021

Quant Time: Oct 01 06:28:39 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)

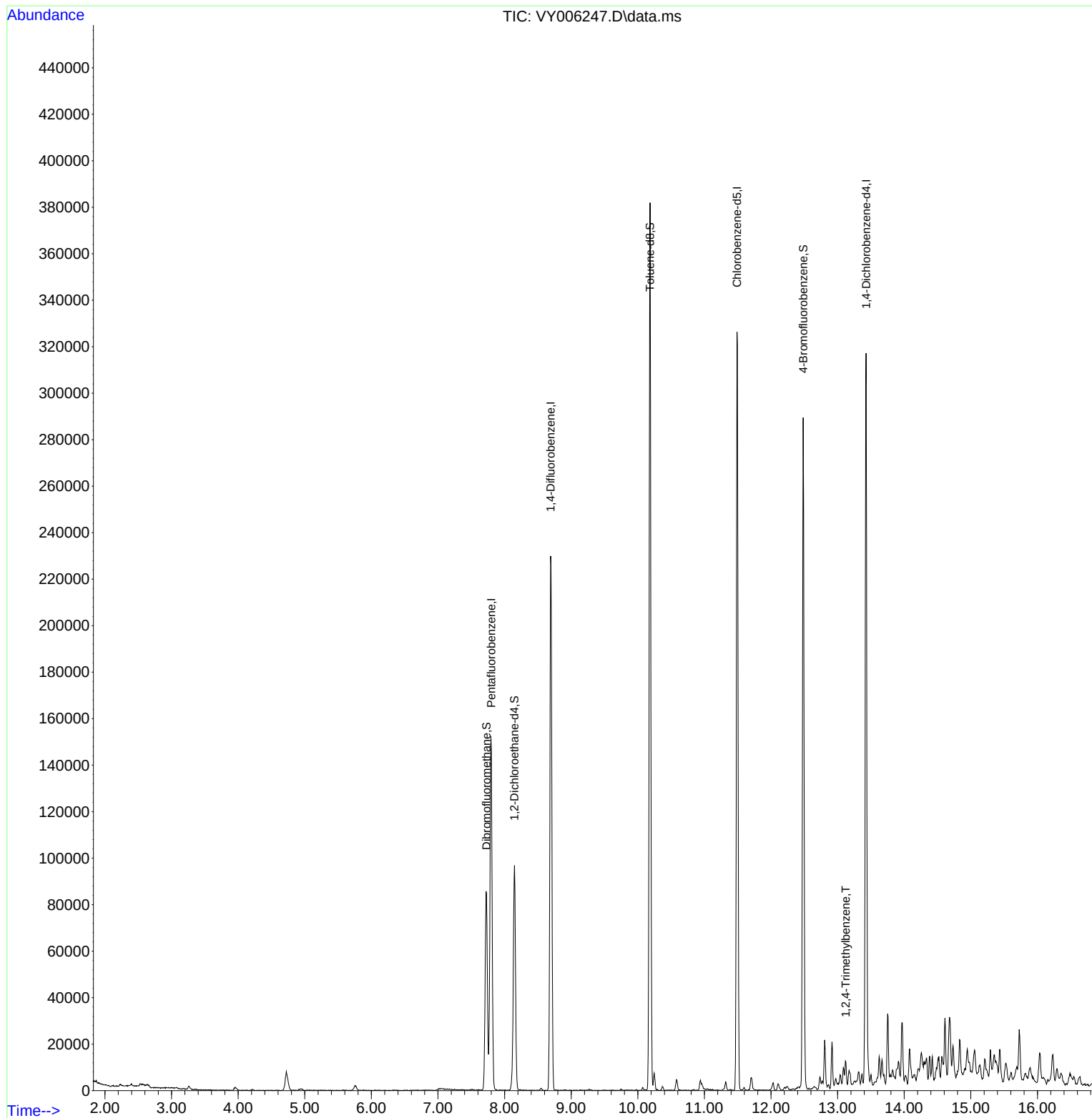
Internal Standards						
1) Pentafluorobenzene	7.801	168	119710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78818	61.517	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.040%
35) Dibromofluoromethane	7.728	113	57742	55.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.540%
50) Toluene-d8	10.185	98	240541	55.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.020%
62) 4-Bromofluorobenzene	12.483	95	72882	49.513	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.020%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.123	105	5834	1.254	ug/l	Qvalue 92

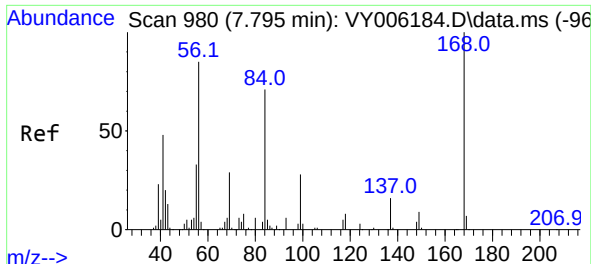
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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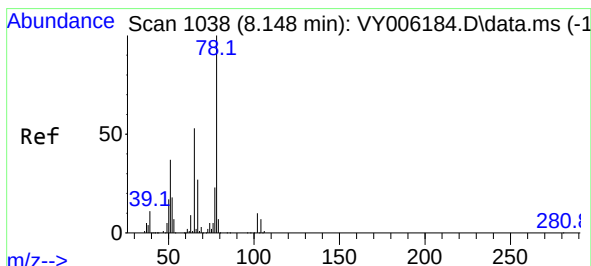
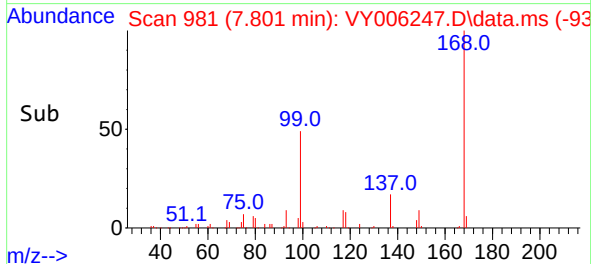
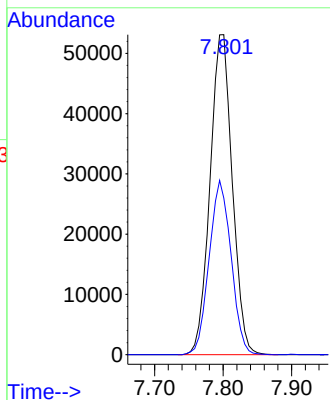
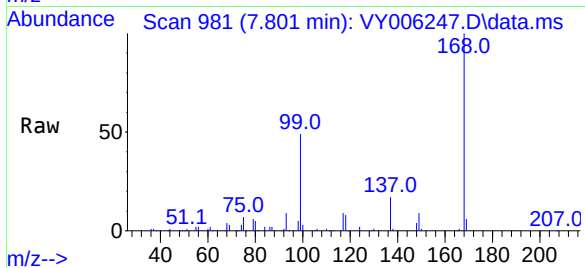




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

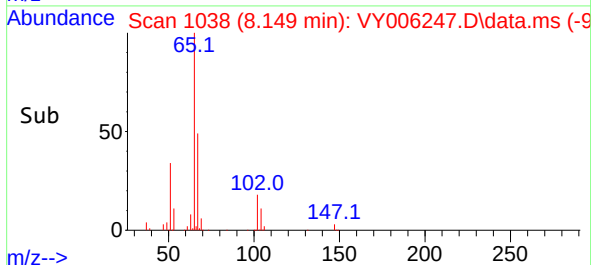
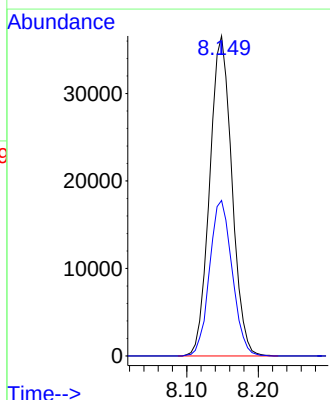
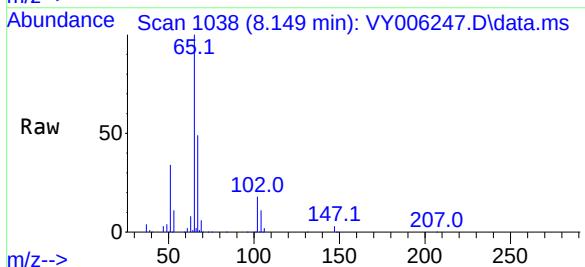
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-093021

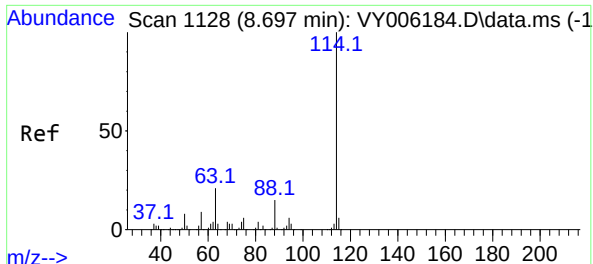
Tgt Ion:168 Resp: 119710
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.517 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

Tgt Ion: 65 Resp: 78818
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.4

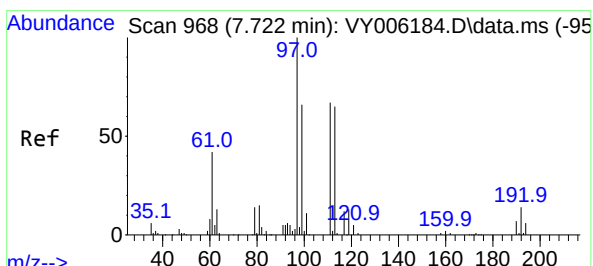
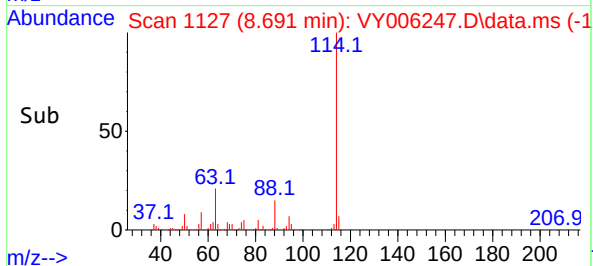
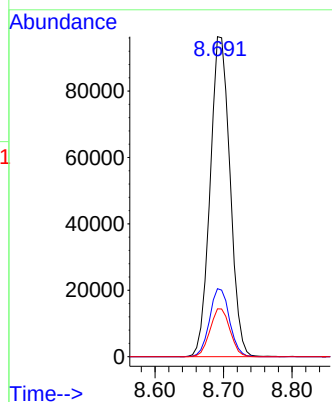
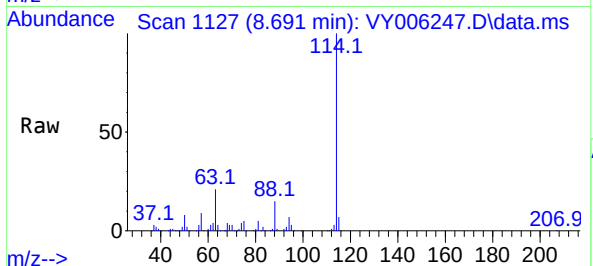




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

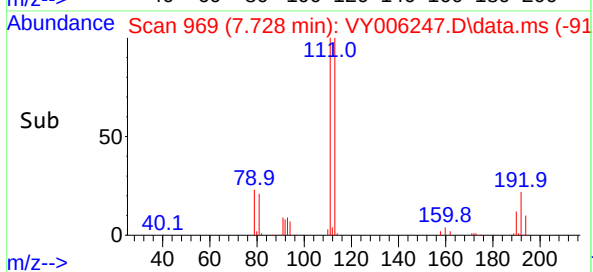
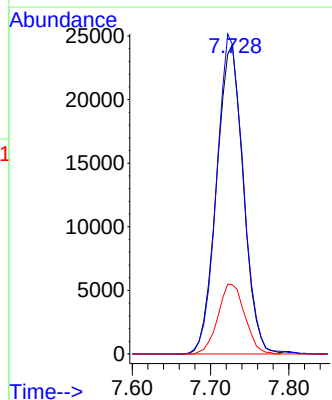
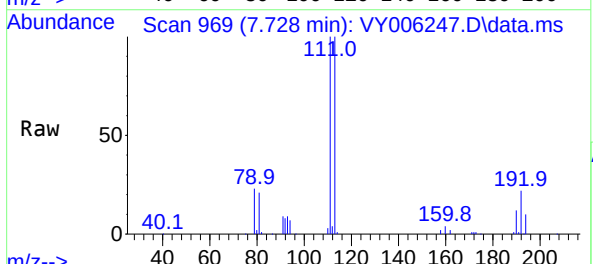
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-093021

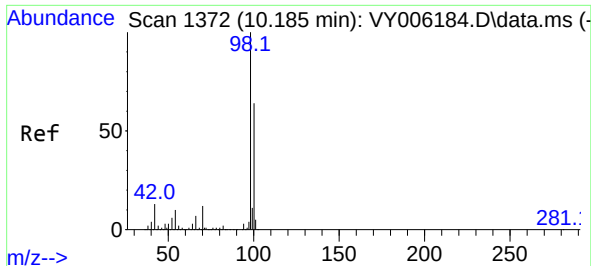
Tgt Ion:	114	Resp:	193787
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.2
88	15.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 55.772 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

Tgt Ion:	113	Resp:	57742
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	22.6	17.6	26.4

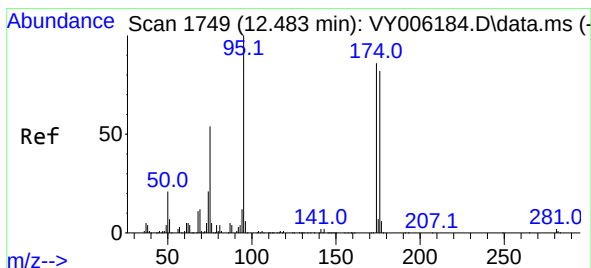
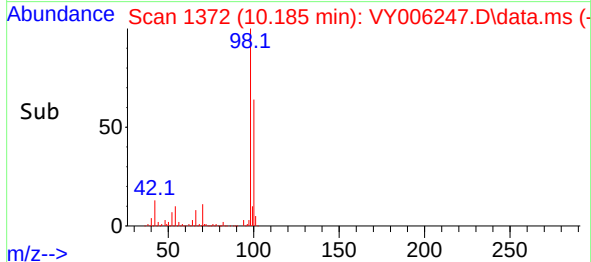
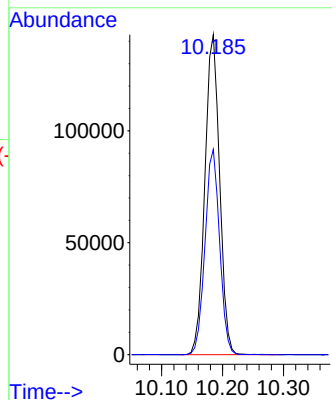
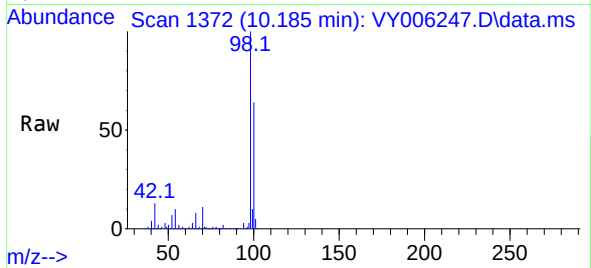




#50
Toluene-d8
Concen: 55.513 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

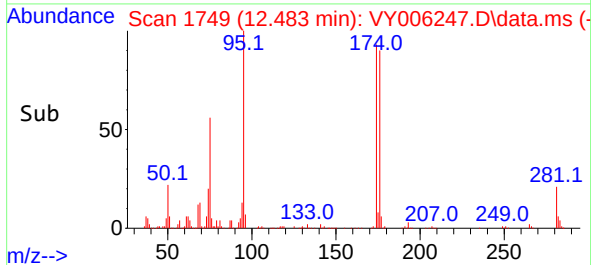
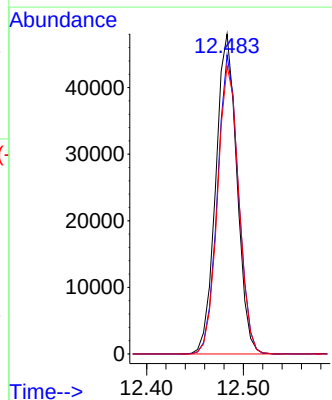
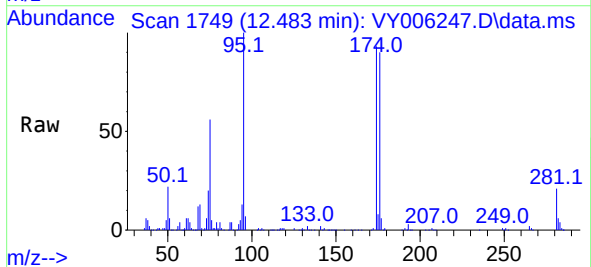
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-093021

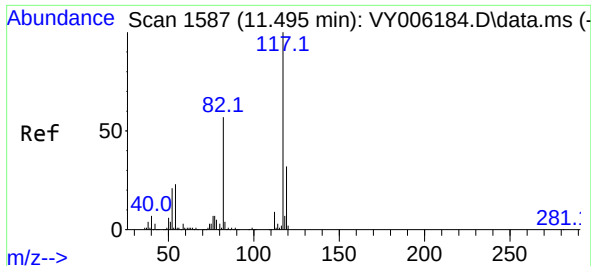
Tgt Ion: 98 Resp: 240541
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.513 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

Tgt Ion: 95 Resp: 72882
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 90.1 0.0 175.8

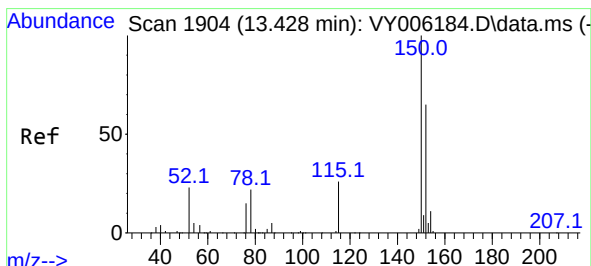
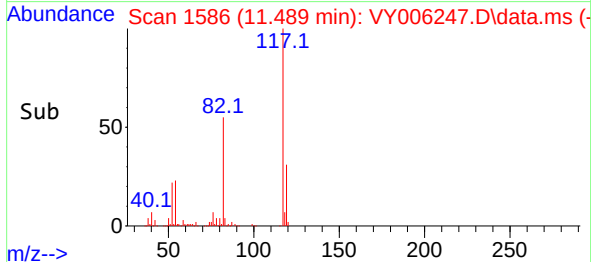
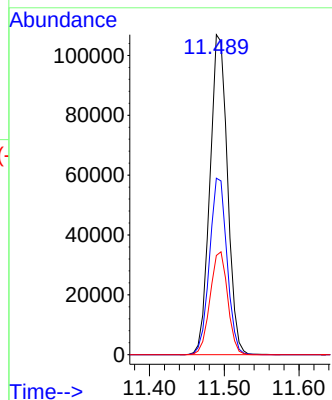
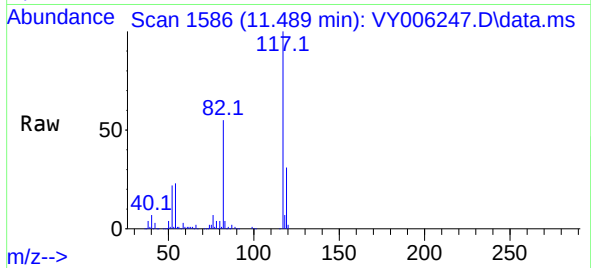




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

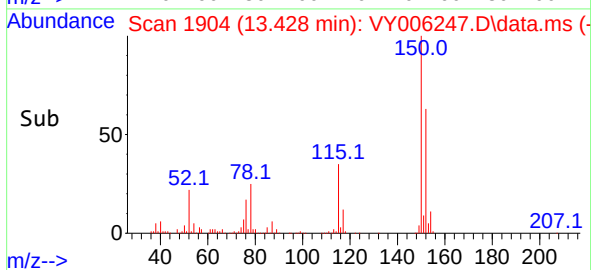
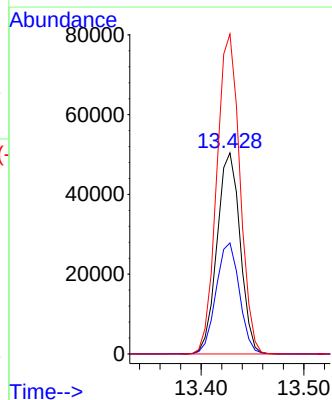
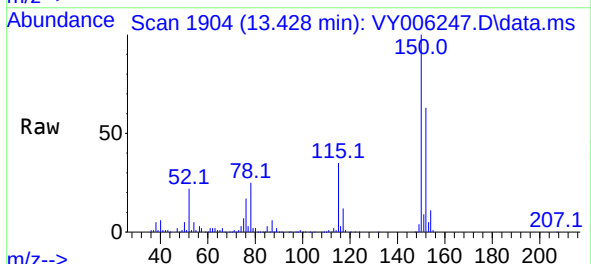
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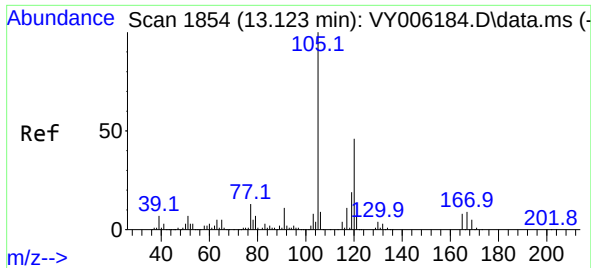
Tgt Ion:117 Resp: 174770
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

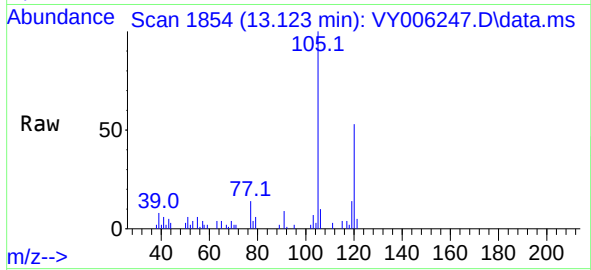
Tgt Ion:152 Resp: 78662
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 159.2 0.0 347.6





#84
1,2,4-Trimethylbenzene
Concen: 1.254 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

Instrument :
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ClientSampleId :
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Tgt Ion:105 Resp: 5834
Ion Ratio Lower Upper
105 100
120 49.7 22.3 66.9

