

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006028.D
 Acq On : 15 Sep 2021 16:50
 Operator : SY/MD
 Sample : M3731-01RE
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-091421RE

Quant Time: Sep 16 05:09:11 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)

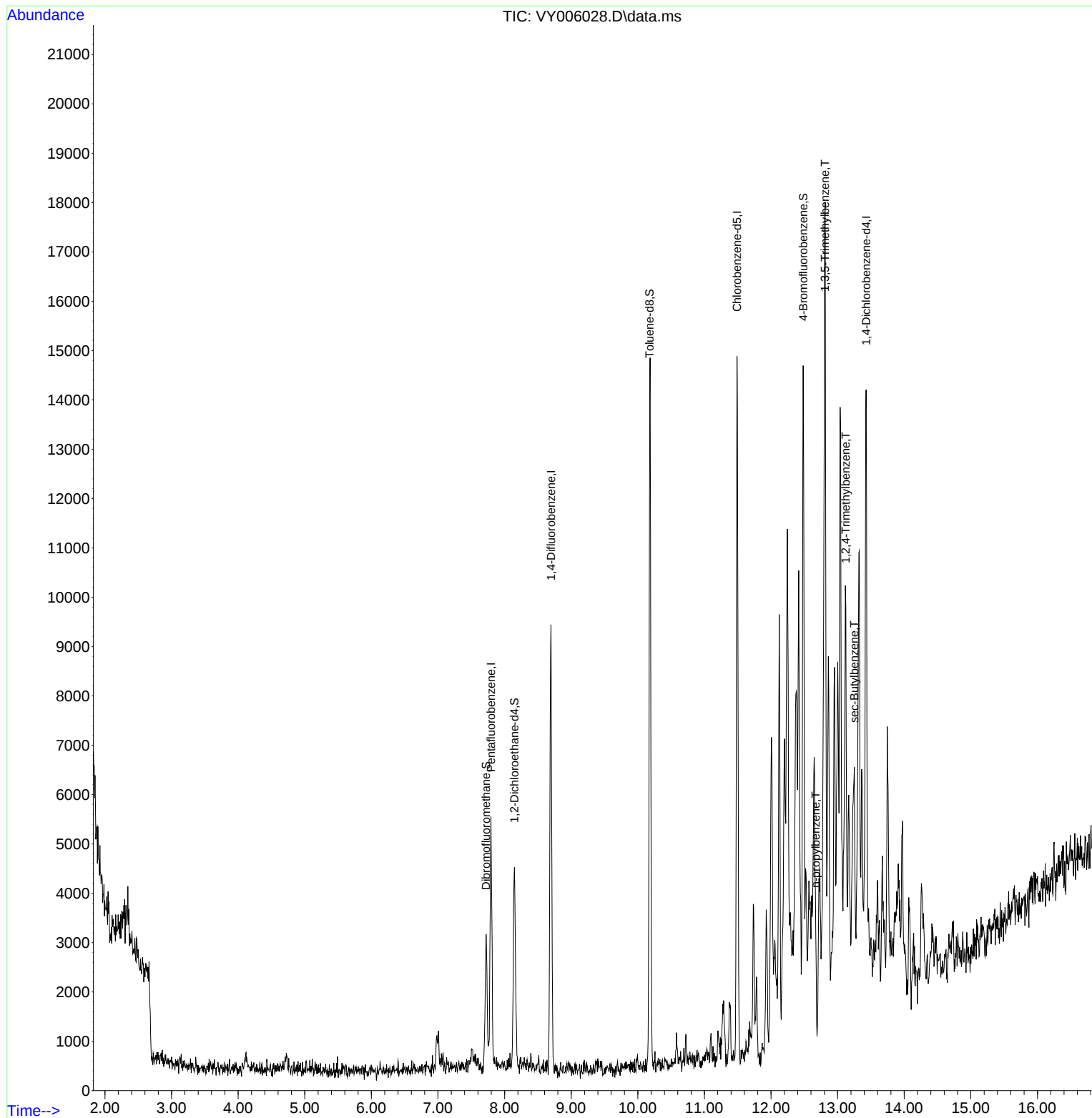
Internal Standards						
1) Pentafluorobenzene	7.795	168	3726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	7341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3571	68.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.000%
35) Dibromofluoromethane	7.722	113	1866	40.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.840%
50) Toluene-d8	10.179	98	8822	45.396	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.800%
62) 4-Bromofluorobenzene	12.483	95	3599	54.547	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.100%
Target Compounds						
					Qvalue	
78) n-propylbenzene	12.672	91	1461	5.522	ug/l	82
80) 1,3,5-Trimethylbenzene	12.812	105	1430	8.063	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	3528	20.050	ug/l	98
85) sec-Butylbenzene	13.251	105	1308	5.760	ug/l #	49

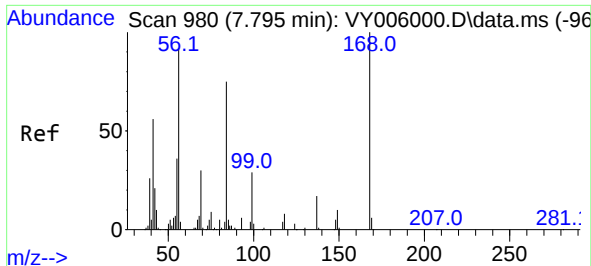
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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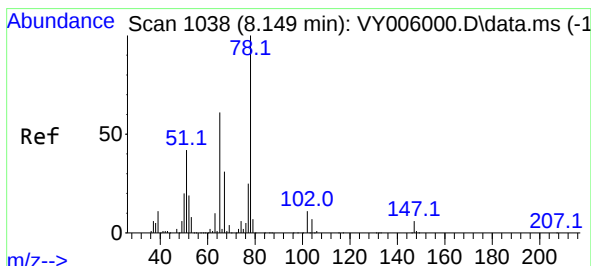
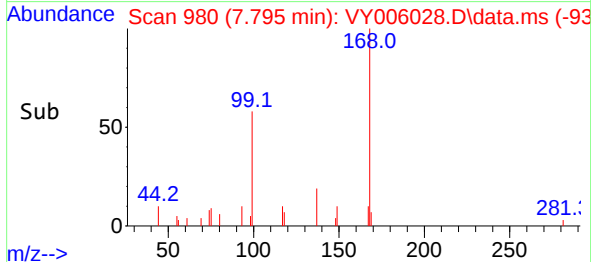
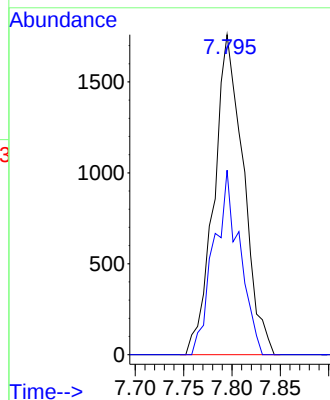
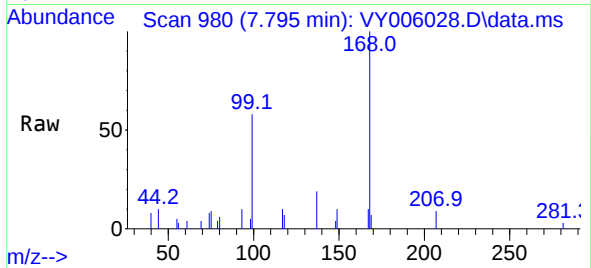




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006028.D
Acq: 15 Sep 2021 16:50

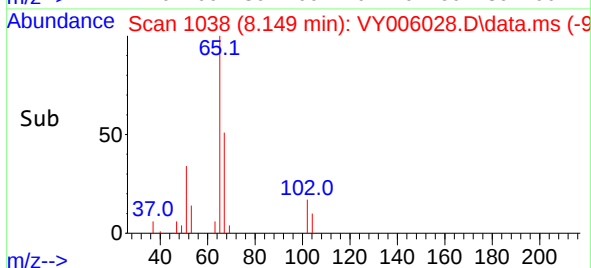
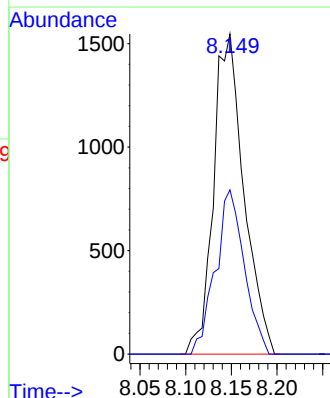
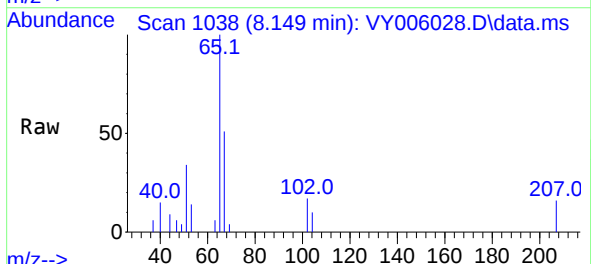
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-091421RE

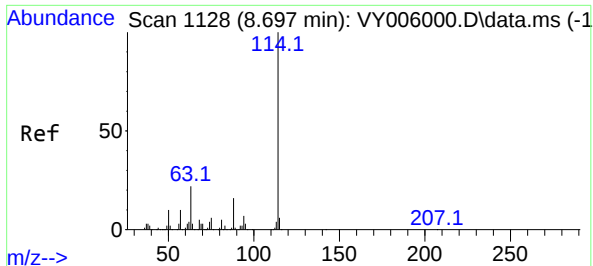
Tgt Ion:168 Resp: 3726
Ion Ratio Lower Upper
168 100
99 57.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.996 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006028.D
Acq: 15 Sep 2021 16:50

Tgt Ion: 65 Resp: 3571
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.4



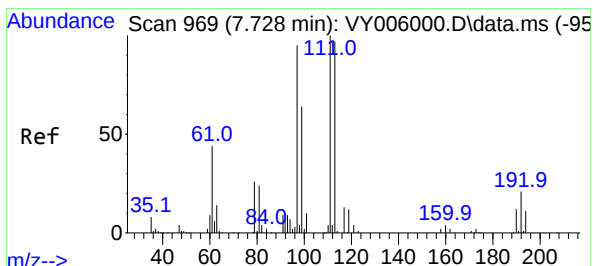
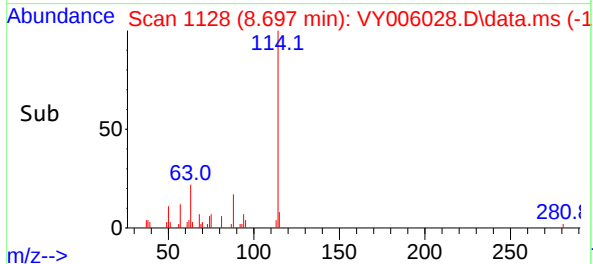
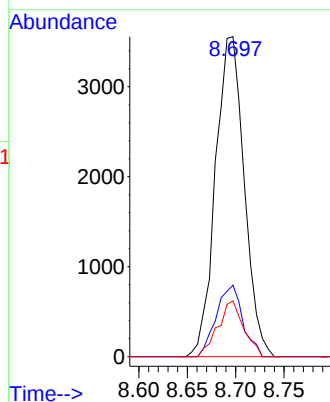
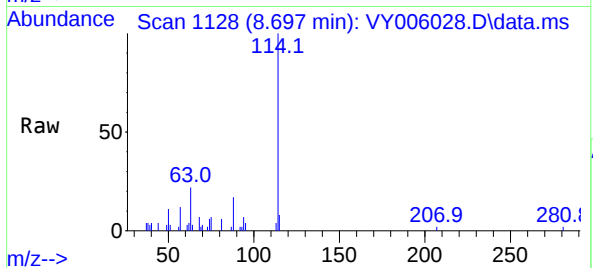


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006028.D
Acq: 15 Sep 2021 16:50

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-091421RE

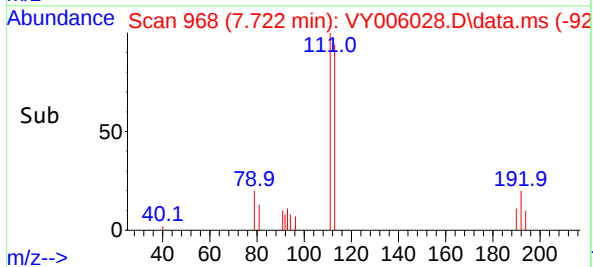
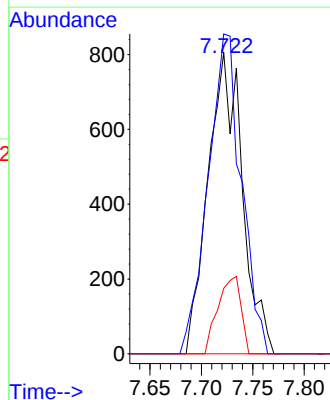
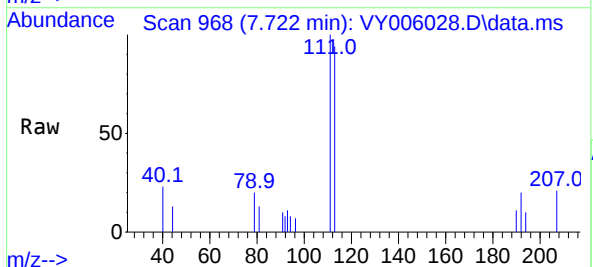
Tgt Ion:	114	Resp:	7341
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.2
88	17.4	0.0	31.8

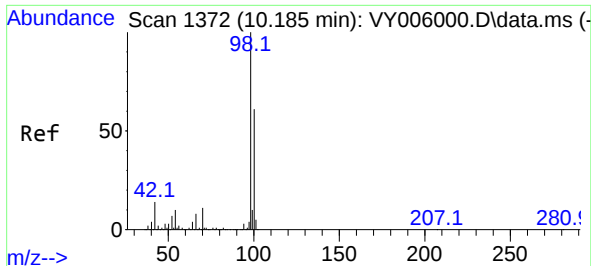


#35

Dibromofluoromethane
Concen: 40.924 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006028.D
Acq: 15 Sep 2021 16:50

Tgt Ion:	113	Resp:	1866
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	17.1	17.6	26.4#

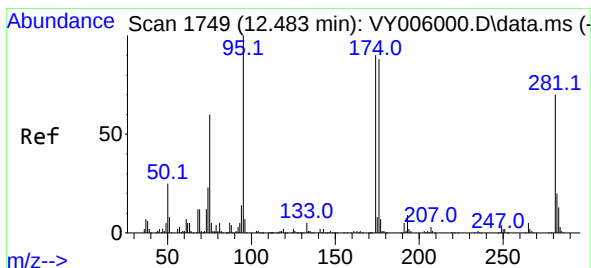
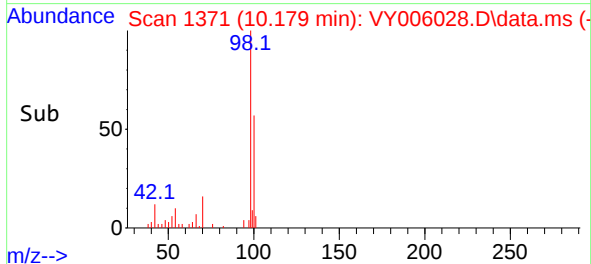
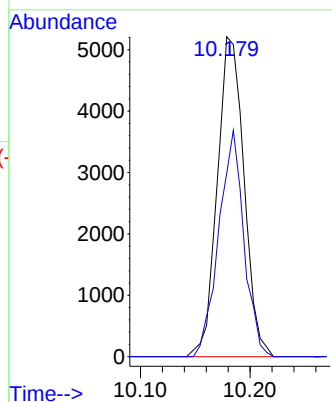
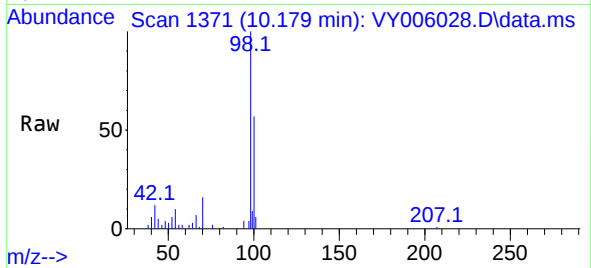




#50
Toluene-d8
Concen: 45.396 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006028.D
Acq: 15 Sep 2021 16:50

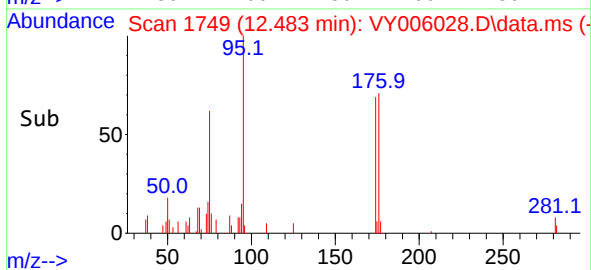
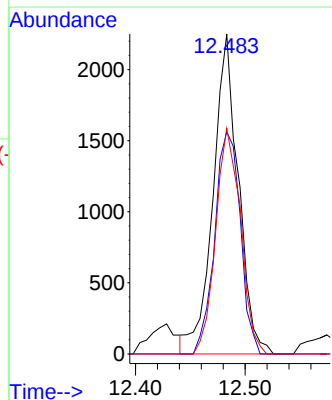
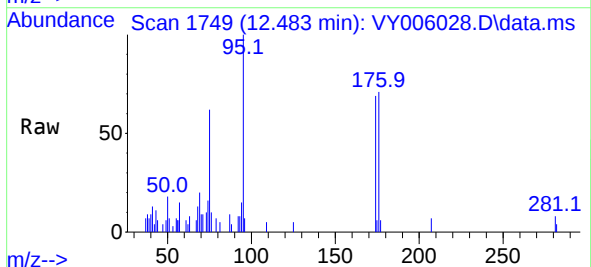
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-091421RE

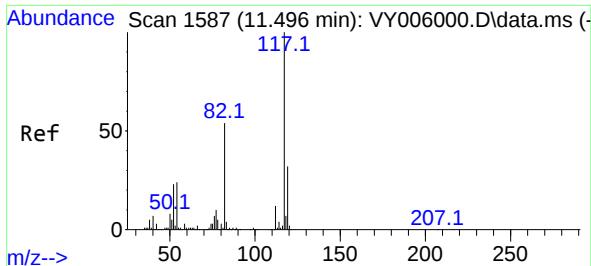
Tgt Ion: 98 Resp: 8822
Ion Ratio Lower Upper
98 100
100 66.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.547 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006028.D
Acq: 15 Sep 2021 16:50

Tgt Ion: 95 Resp: 3599
Ion Ratio Lower Upper
95 100
174 70.4 0.0 177.0
176 69.4 0.0 175.8

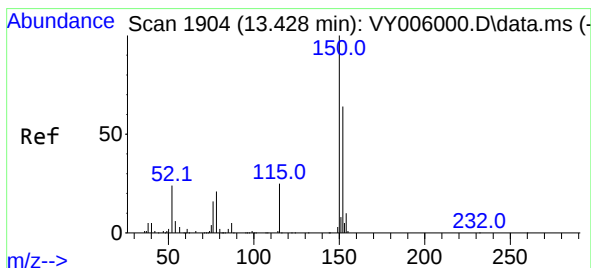
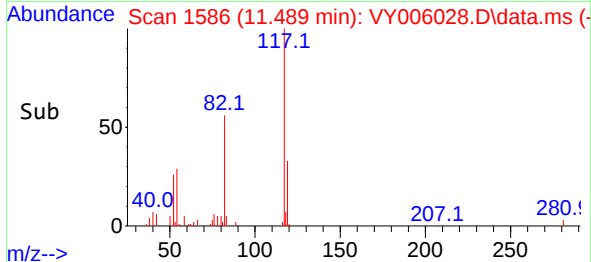
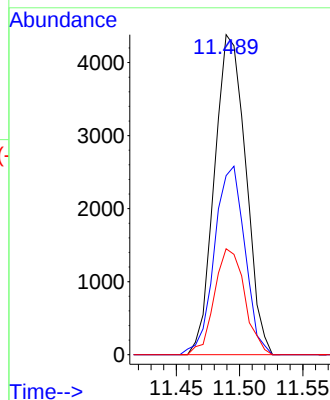
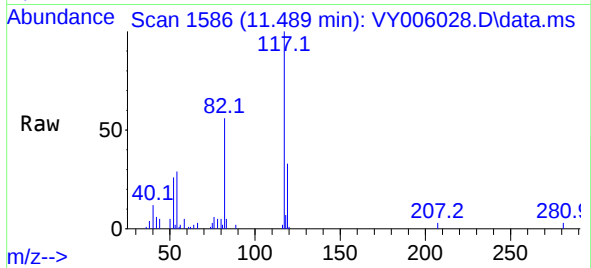




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006028.D
Acq: 15 Sep 2021 16:50

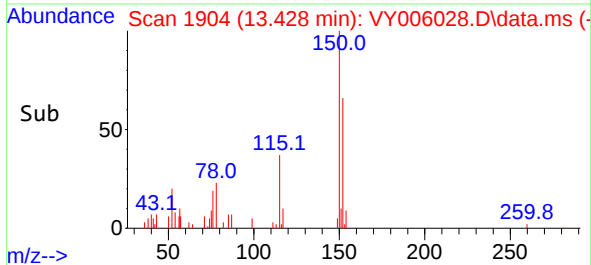
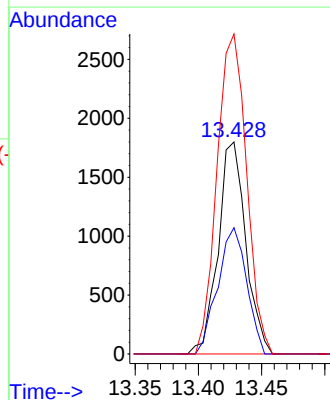
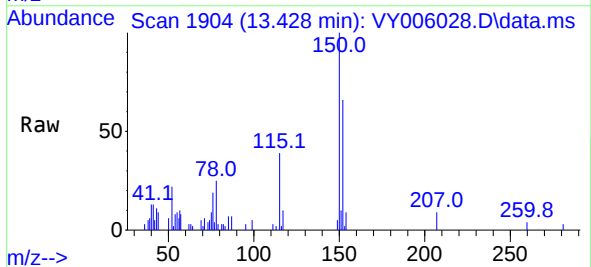
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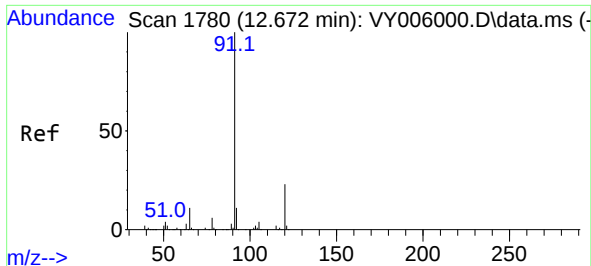
Tgt Ion:	117	Resp:	7543
Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.0	64.4
119	33.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006028.D
Acq: 15 Sep 2021 16:50

Tgt Ion:	152	Resp:	2731
Ion	Ratio	Lower	Upper
152	100		
115	62.4	28.2	84.7
150	161.4	0.0	347.6

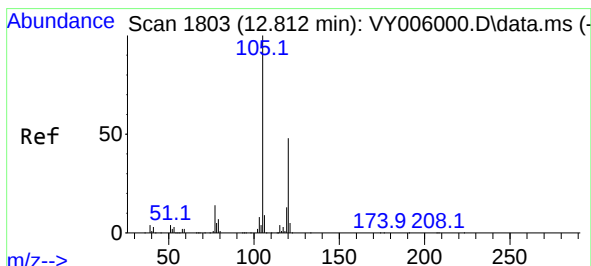
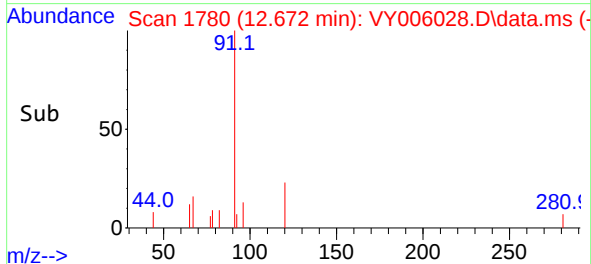
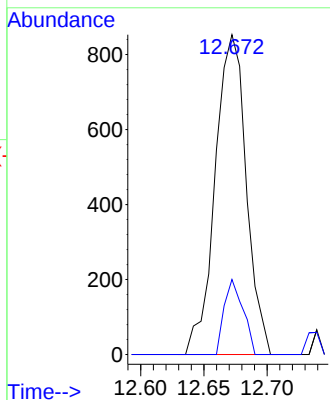
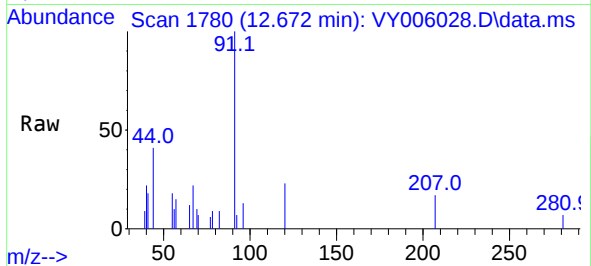




#78
n-propylbenzene
Concen: 5.522 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY006028.D
Acq: 15 Sep 2021 16:50

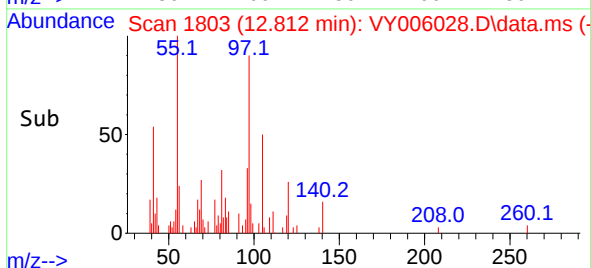
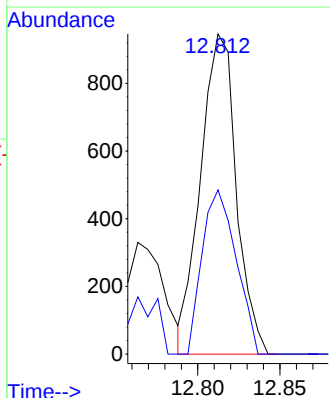
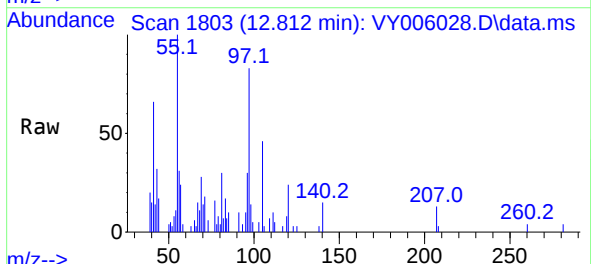
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-091421RE

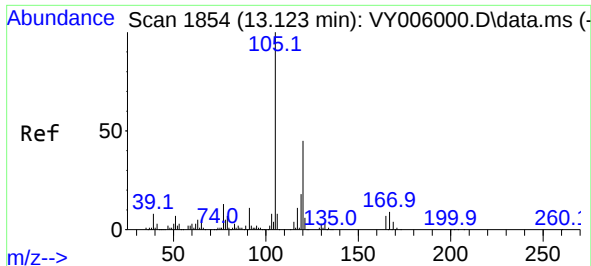
Tgt Ion: 91 Resp: 1461
Ion Ratio Lower Upper
91 100
120 14.2 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 8.063 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006028.D
Acq: 15 Sep 2021 16:50

Tgt Ion: 105 Resp: 1430
Ion Ratio Lower Upper
105 100
120 48.8 24.4 73.4

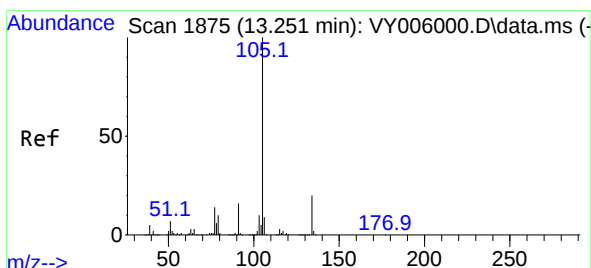
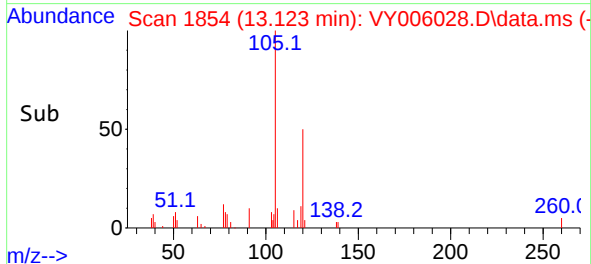
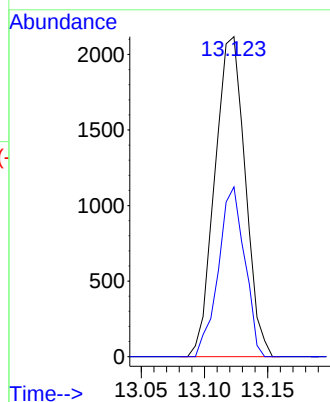
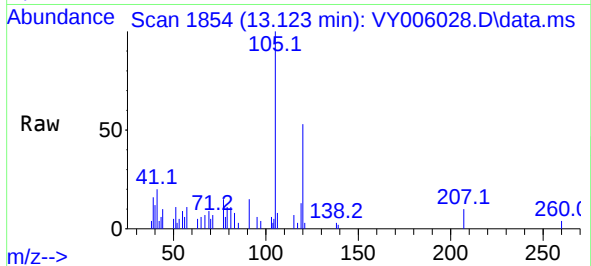




#84
1,2,4-Trimethylbenzene
Concen: 20.050 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006028.D
Acq: 15 Sep 2021 16:50

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-091421RE

Tgt Ion:105 Resp: 3528
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9



#85
sec-Butylbenzene
Concen: 5.760 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY006028.D
Acq: 15 Sep 2021 16:50

Tgt Ion:105 Resp: 1308
Ion Ratio Lower Upper
105 100
134 43.7 10.2 30.4#

