

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006026.D
 Acq On : 15 Sep 2021 16:04
 Operator : SY/MD
 Sample : M3733-06
 Misc : 6.25G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-01-(25-27)

Quant Time: Sep 16 01:23:23 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)

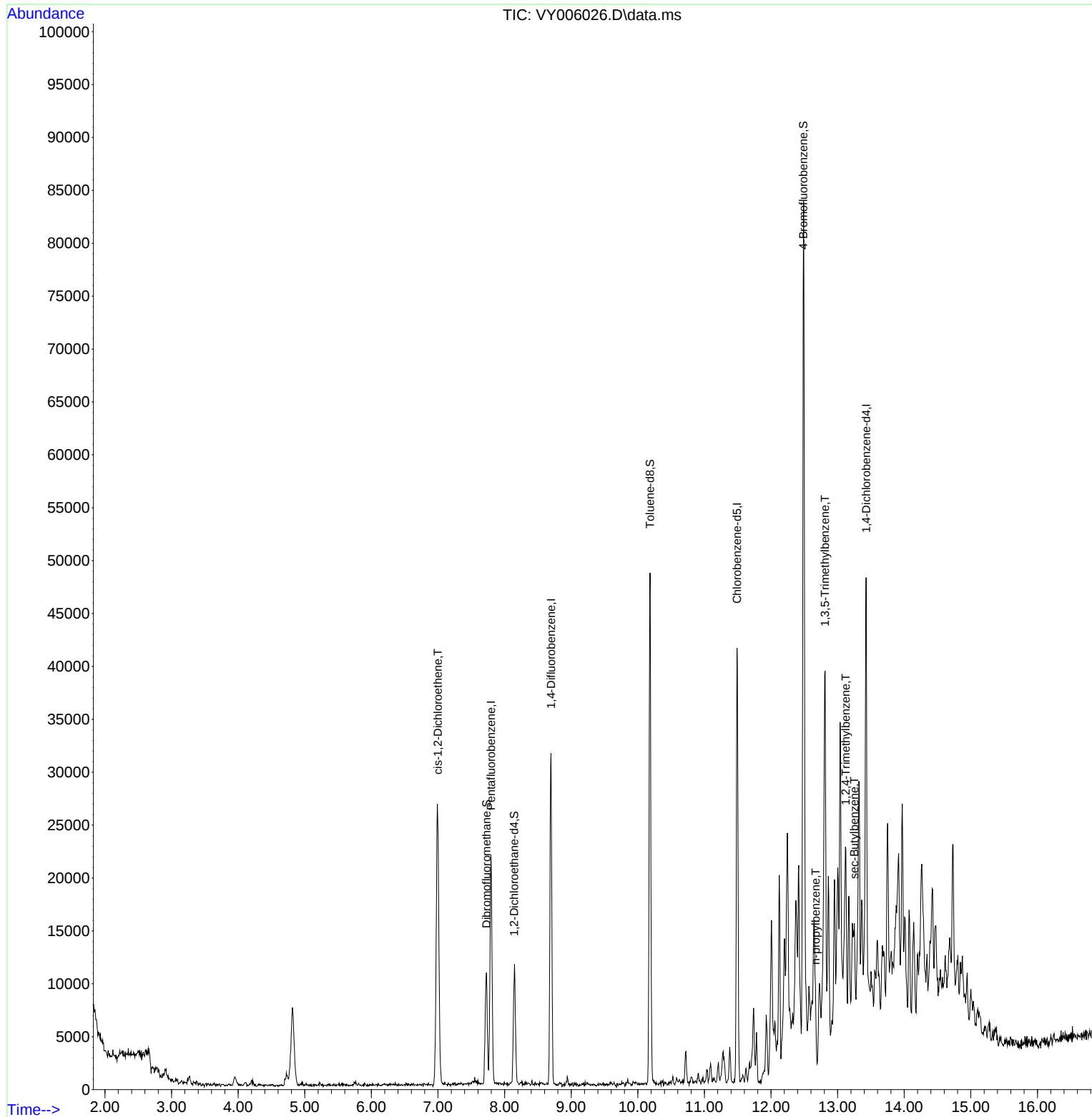
Internal Standards						
1) Pentafluorobenzene	7.795	168	15759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	23801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	21100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	8985	41.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.100%
35) Dibromofluoromethane	7.728	113	6866	46.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.880%
50) Toluene-d8	10.185	98	30096	47.766	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.540%
62) 4-Bromofluorobenzene	12.483	95	10078	47.111	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.220%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	6.996	96	15614	79.321	ug/l	91
78) n-propylbenzene	12.672	91	3160	3.467	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	2830	4.632	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	7598	12.536	ug/l	97
85) sec-Butylbenzene	13.251	105	3098	3.961	ug/l	87

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

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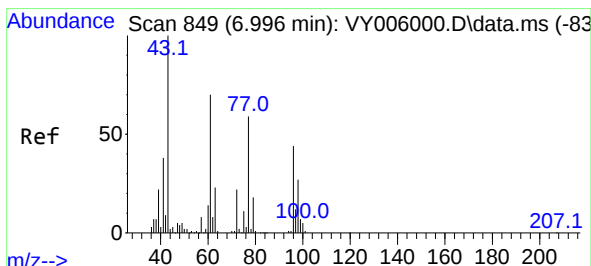
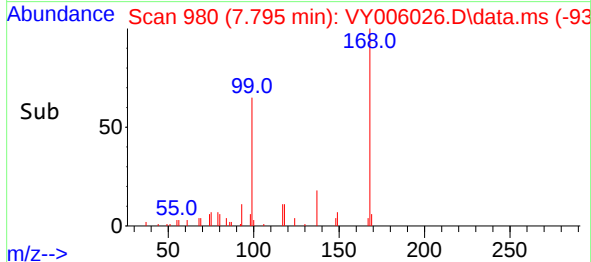
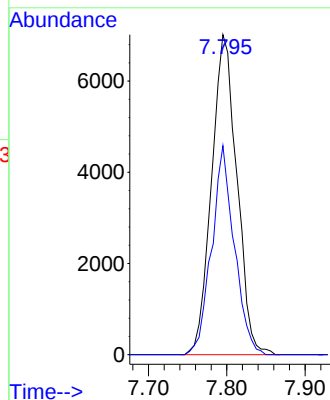
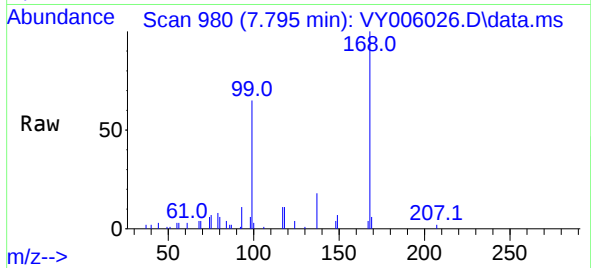




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006026.D
Acq: 15 Sep 2021 16:04

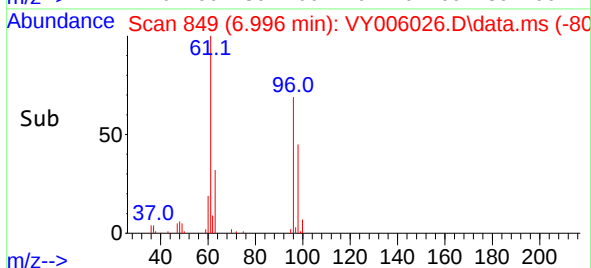
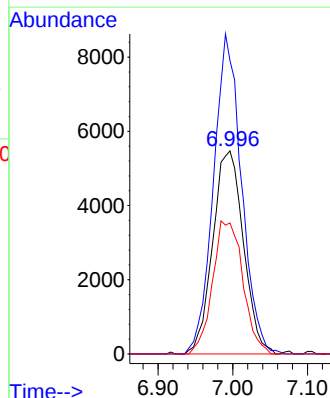
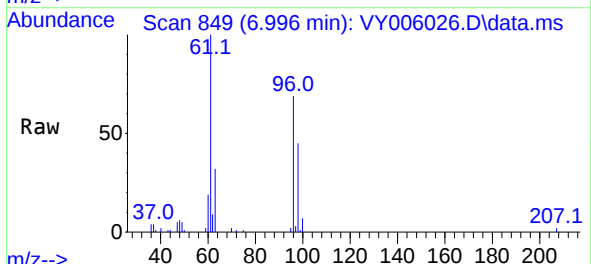
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MSVOA_Y
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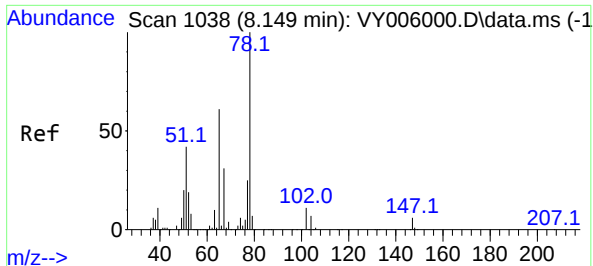
Tgt Ion:168 Resp: 15759
Ion Ratio Lower Upper
168 100
99 65.3 46.9 70.3



#27
cis-1,2-Dichloroethene
Concen: 79.321 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006026.D
Acq: 15 Sep 2021 16:04

Tgt Ion: 96 Resp: 15614
Ion Ratio Lower Upper
96 100
61 144.1 0.0 319.8
98 64.6 0.0 127.0

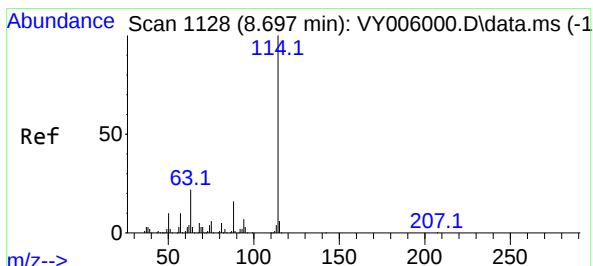
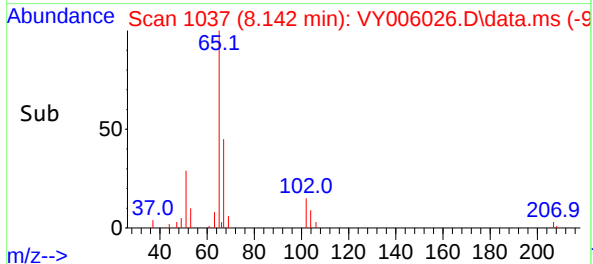
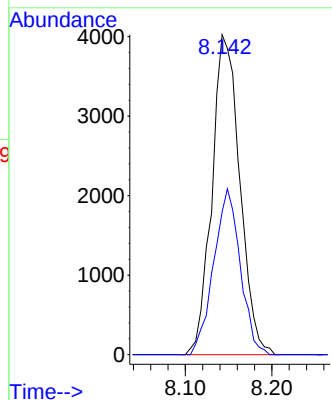
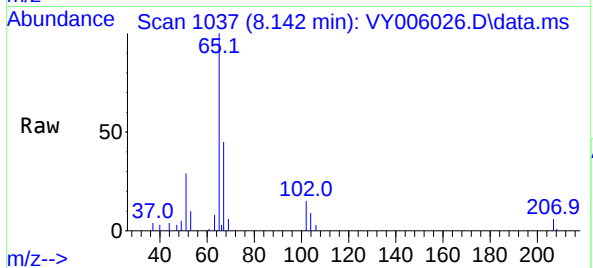




#33
1,2-Dichloroethane-d4
Concen: 41.046 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006026.D
Acq: 15 Sep 2021 16:04

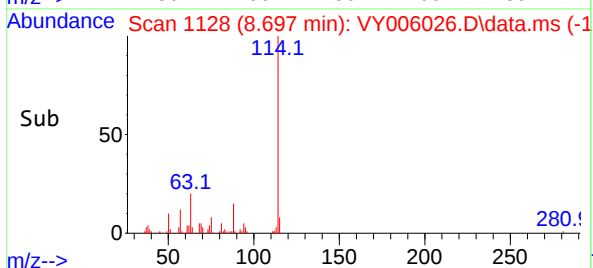
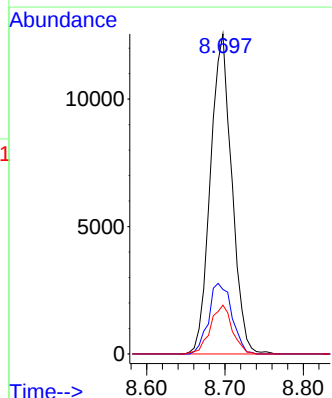
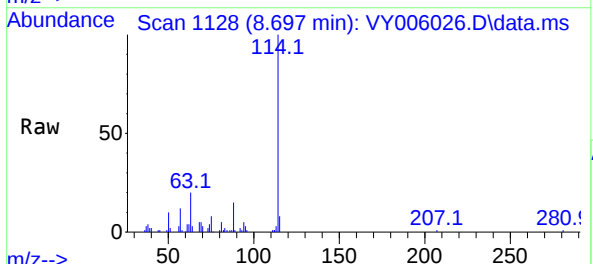
Instrument :
MSVOA_Y
ClientSampleId :
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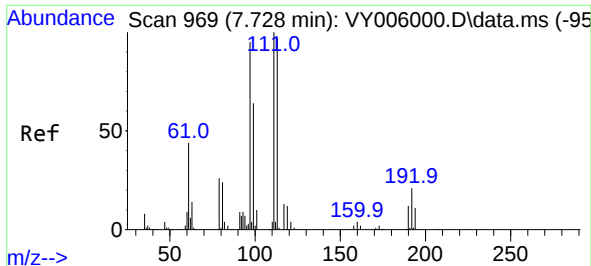
Tgt Ion: 65 Resp: 8985
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006026.D
Acq: 15 Sep 2021 16:04

Tgt Ion: 114 Resp: 23801
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 15.3 0.0 31.8

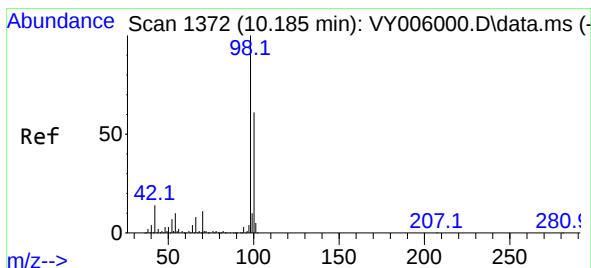
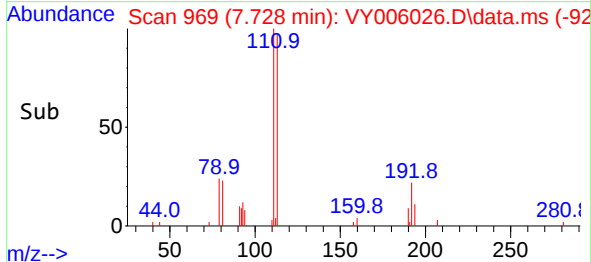
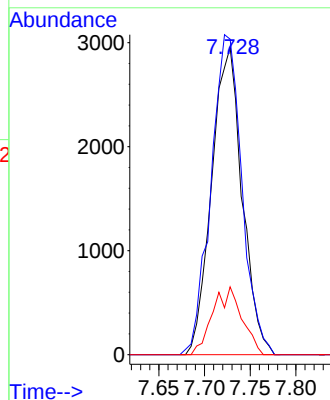
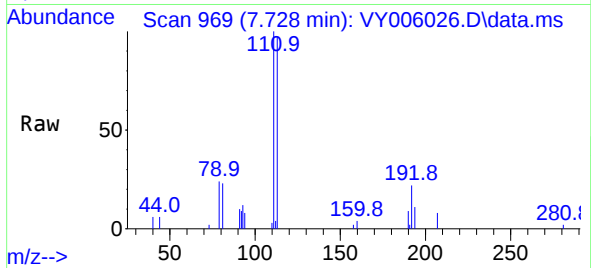




#35
Dibromofluoromethane
Concen: 46.445 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006026.D
Acq: 15 Sep 2021 16:04

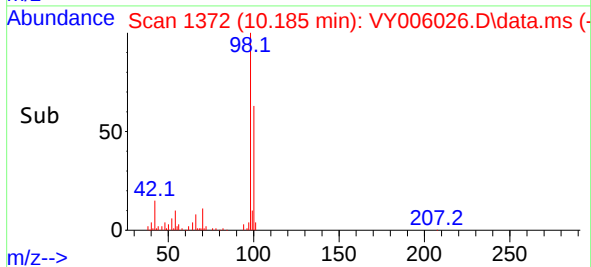
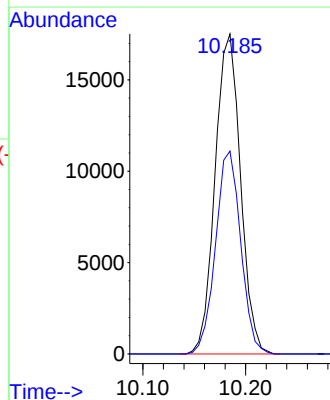
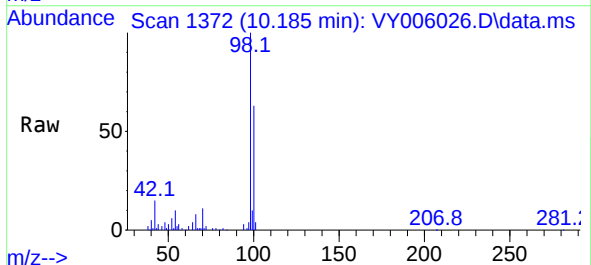
Instrument :
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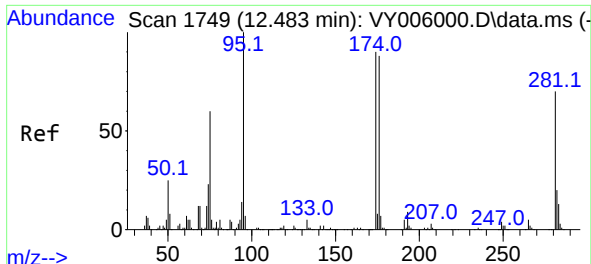
Tgt Ion:	113	Resp:	6866
Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.6	124.0
192	21.2	17.6	26.4



#50
Toluene-d8
Concen: 47.766 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006026.D
Acq: 15 Sep 2021 16:04

Tgt Ion:	98	Resp:	30096
Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.2	75.2

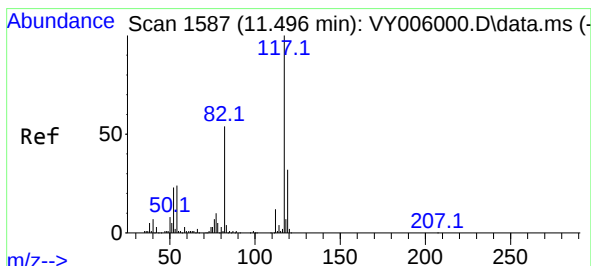
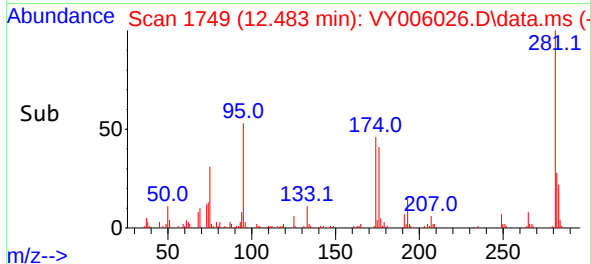
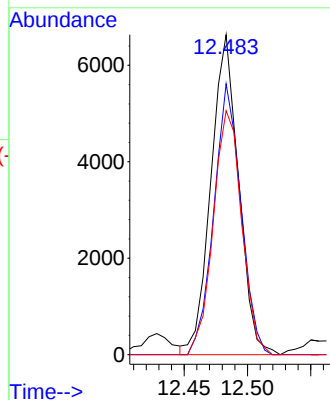
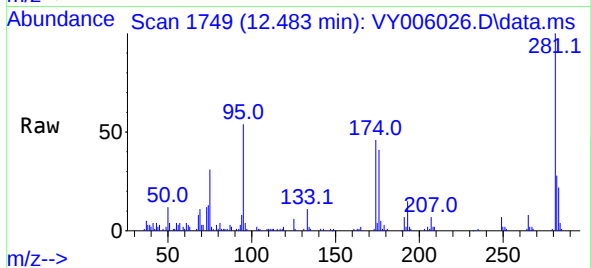




#62
4-Bromofluorobenzene
Concen: 47.111 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006026.D
Acq: 15 Sep 2021 16:04

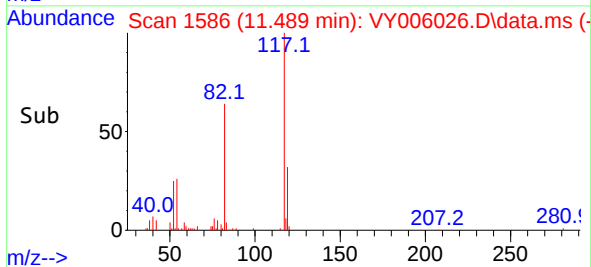
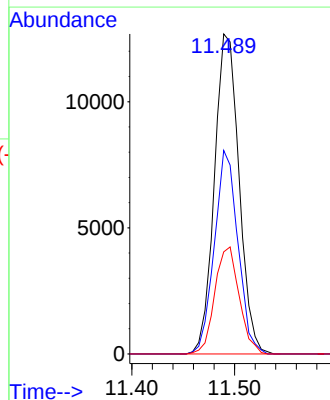
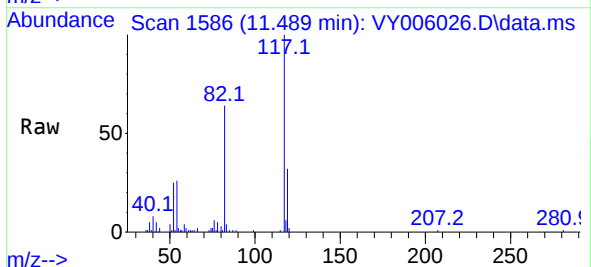
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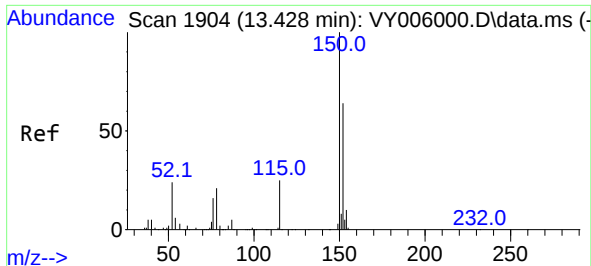
Tgt Ion: 95 Resp: 10078
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 78.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006026.D
Acq: 15 Sep 2021 16:04

Tgt Ion: 117 Resp: 21100
Ion Ratio Lower Upper
117 100
82 63.6 43.0 64.4
119 31.9 25.4 38.0

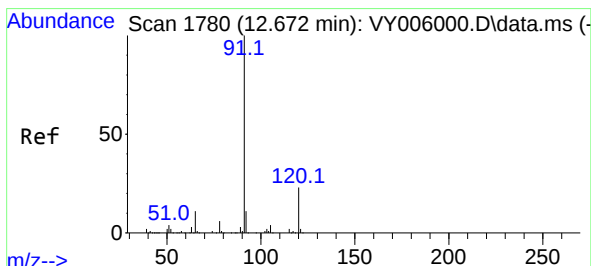
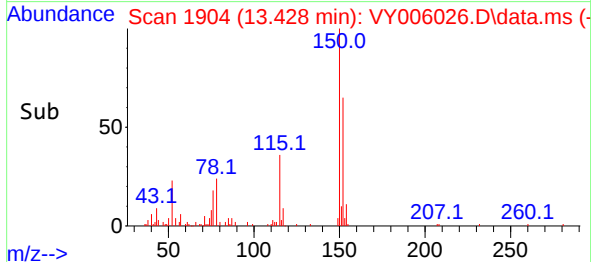
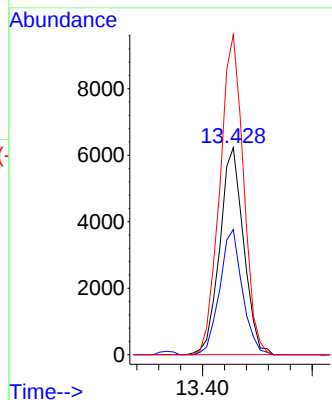
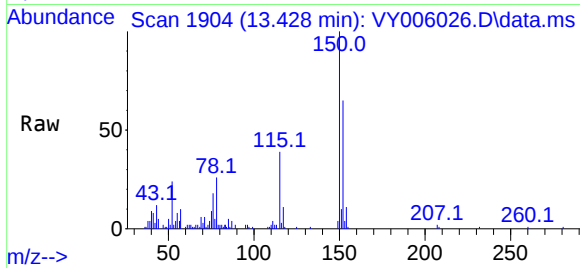




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006026.D
Acq: 15 Sep 2021 16:04

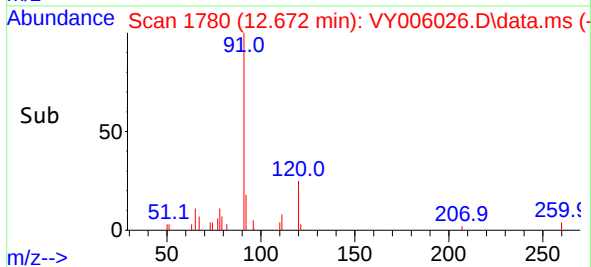
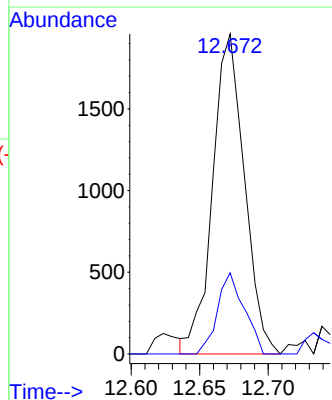
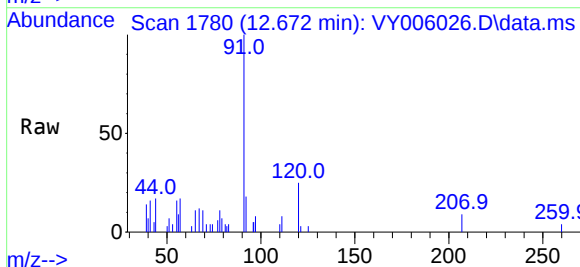
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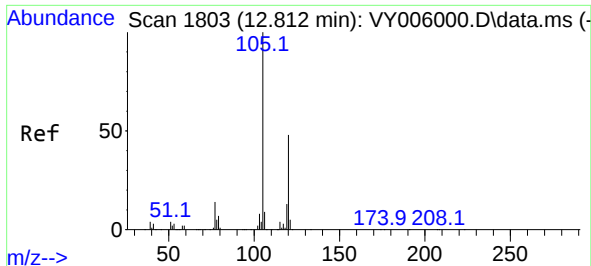
Tgt Ion:152 Resp: 9407
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 153.3 0.0 347.6



#78
n-propylbenzene
Concen: 3.467 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY006026.D
Acq: 15 Sep 2021 16:04

Tgt Ion: 91 Resp: 3160
Ion Ratio Lower Upper
91 100
120 21.3 11.3 33.9

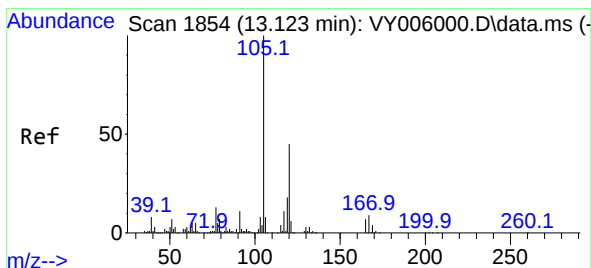
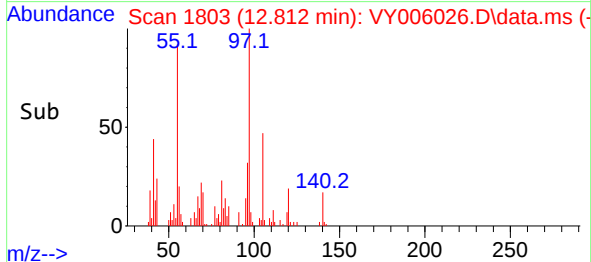
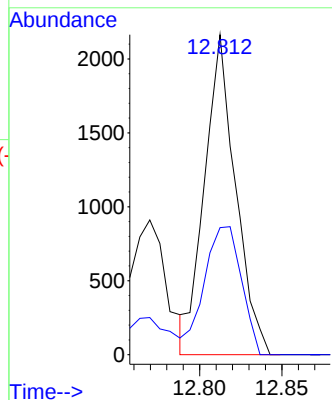
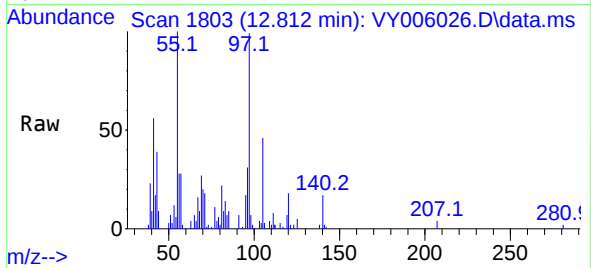




#80
1,3,5-Trimethylbenzene
Concen: 4.632 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006026.D
Acq: 15 Sep 2021 16:04

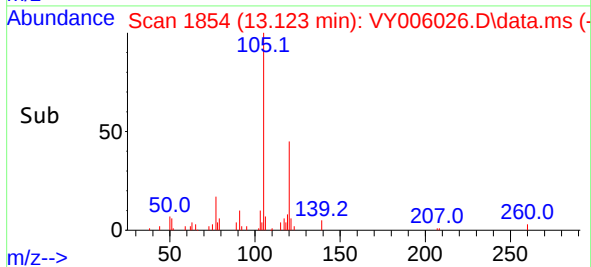
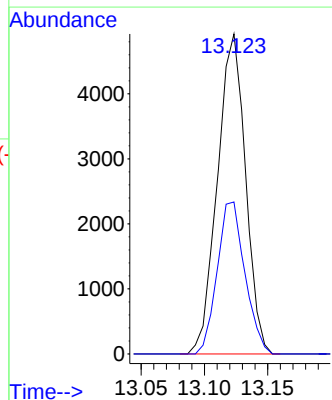
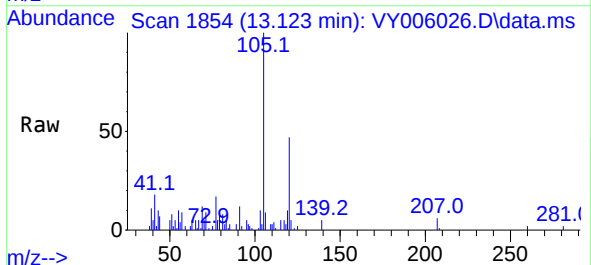
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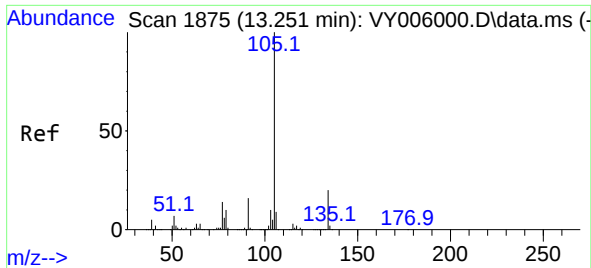
Tgt Ion:105 Resp: 2830
Ion Ratio Lower Upper
105 100
120 48.1 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 12.536 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006026.D
Acq: 15 Sep 2021 16:04

Tgt Ion:105 Resp: 7598
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 3.961 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY006026.D
 Acq: 15 Sep 2021 16:04

Instrument :
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Tgt Ion:105 Resp: 3098
 Ion Ratio Lower Upper
 105 100
 134 26.1 10.2 30.4

