

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092321\
 Data File : VY006125.D
 Acq On : 23 Sep 2021 15:33
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 24 07:30:12 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)

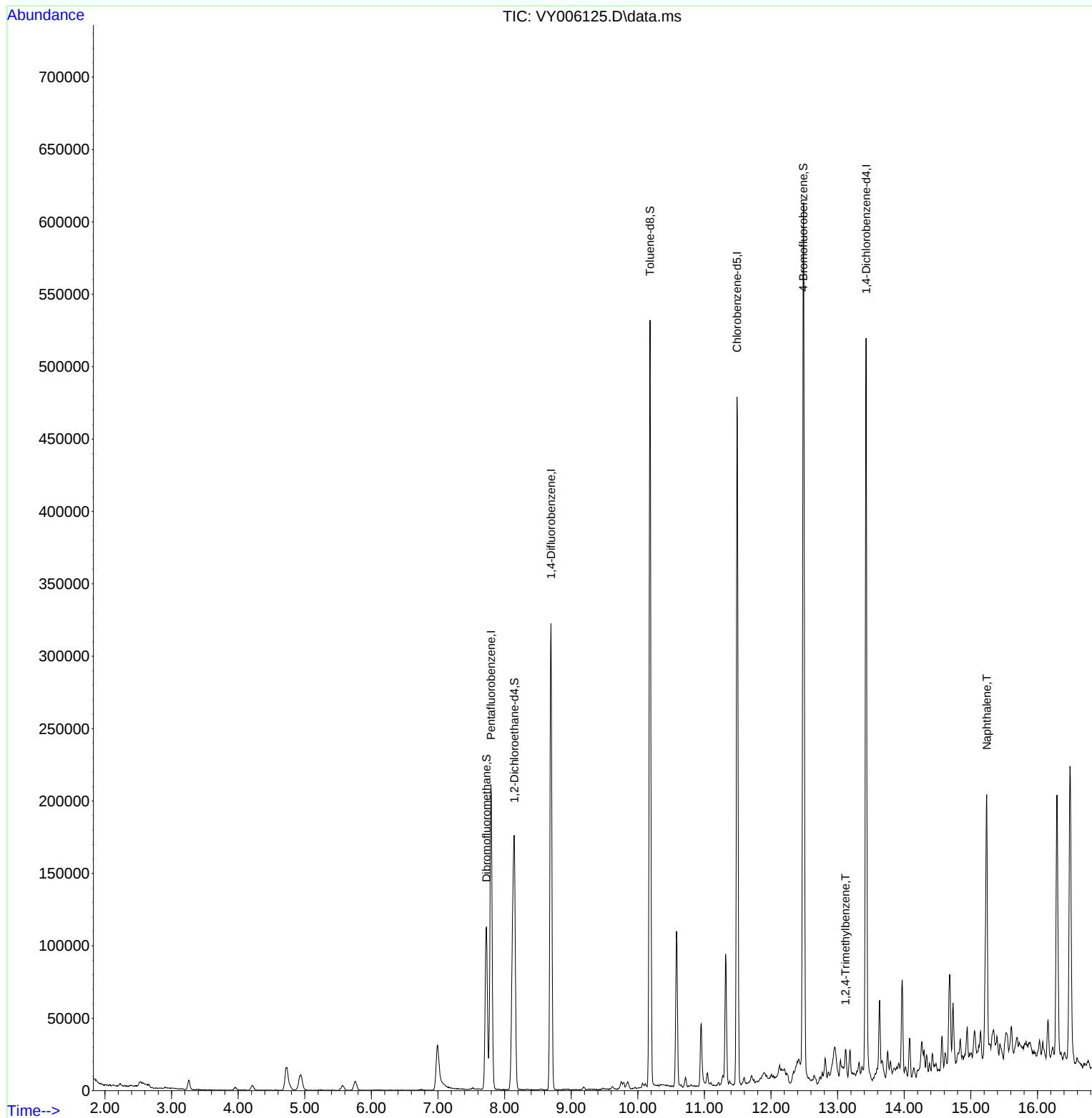
Internal Standards						
1) Pentafluorobenzene	7.795	168	163852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	261779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	105282	46.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.520%
35) Dibromofluoromethane	7.728	113	78140	48.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.185	98	332375	47.963	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.920%
62) 4-Bromofluorobenzene	12.483	95	117941	50.128	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.260%
Target Compounds						Qvalue
84) 1,2,4-Trimethylbenzene	13.117	105	9002	1.145	ug/l	94
95) Naphthalene	15.239	128	136112	27.923	ug/l	99

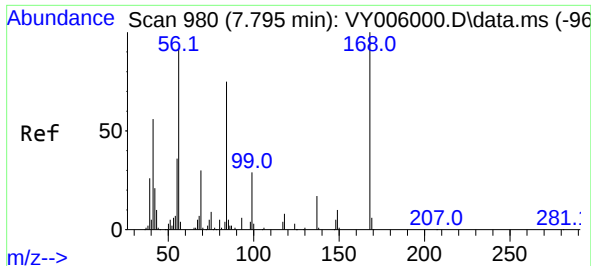
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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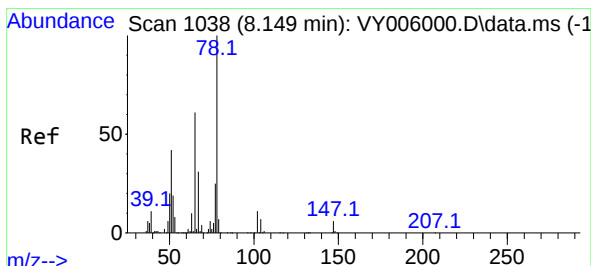
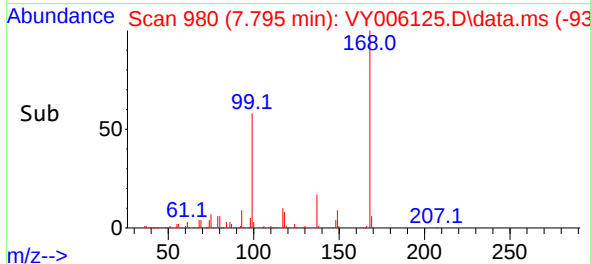
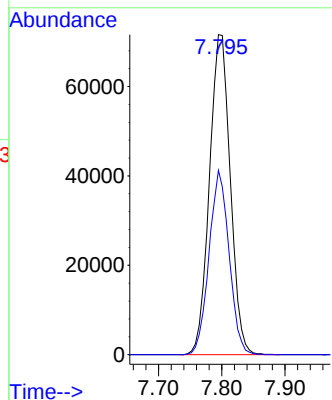
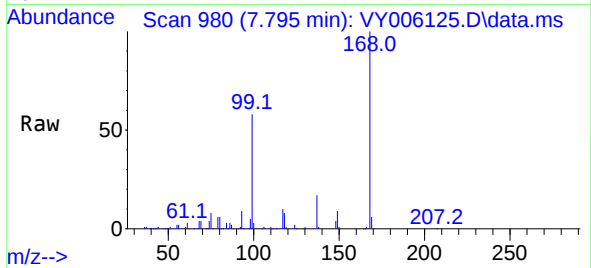




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

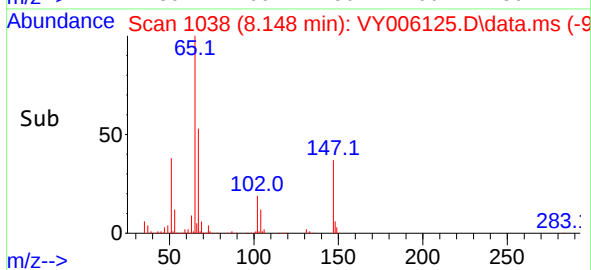
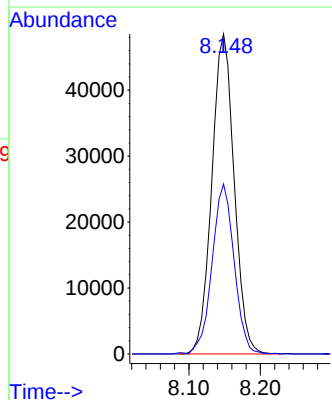
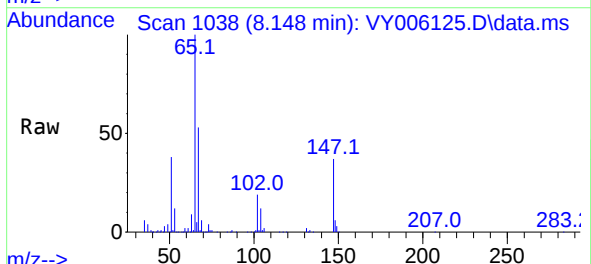
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

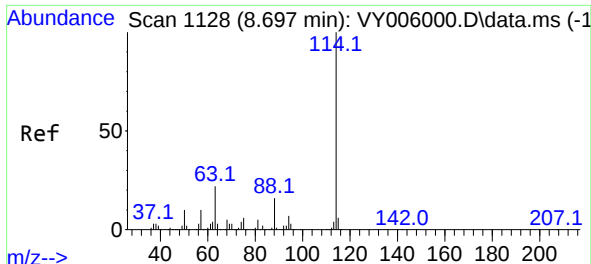
Tgt Ion:168 Resp: 163852
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.257 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Tgt Ion: 65 Resp: 105282
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4



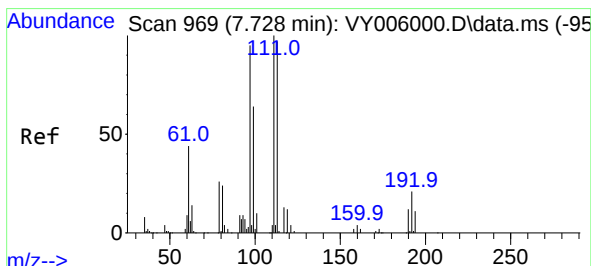
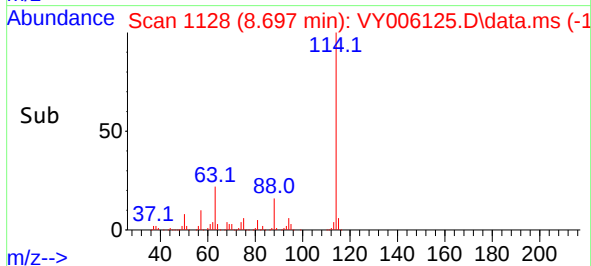
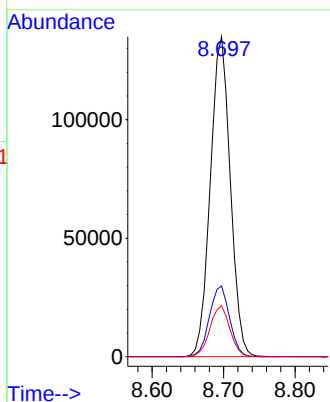
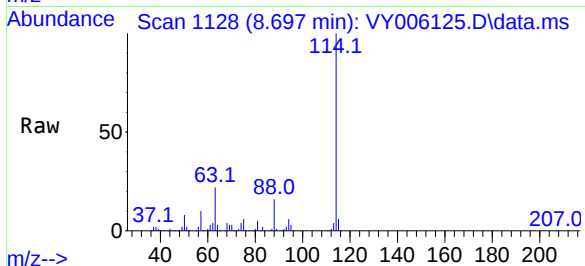


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

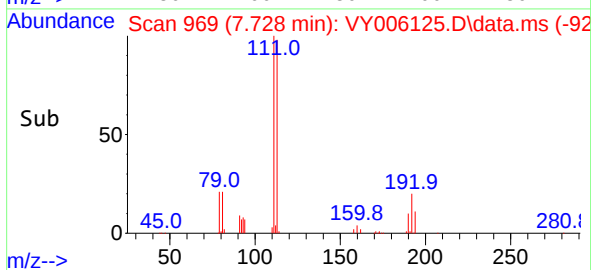
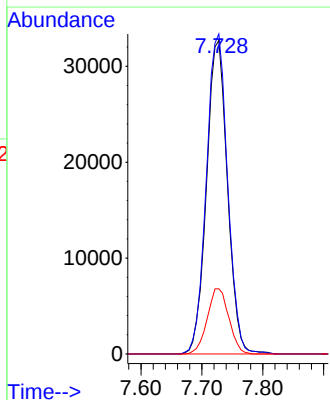
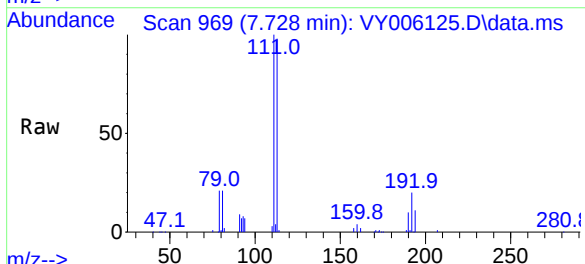
Tgt Ion:	114	Resp:	261779
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	15.9	0.0	31.8

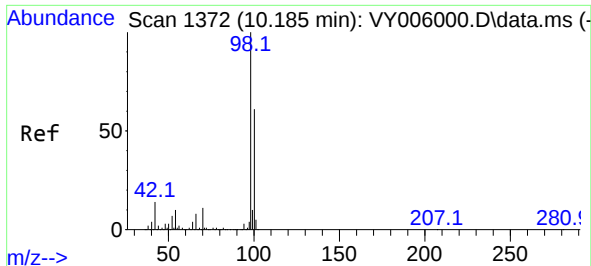


#35

Dibromofluoromethane
Concen: 48.058 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Tgt Ion:	113	Resp:	78140
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	124.0
192	21.4	17.6	26.4

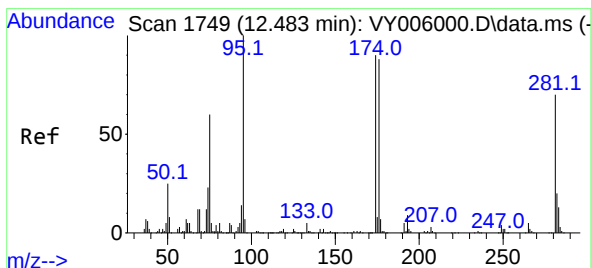
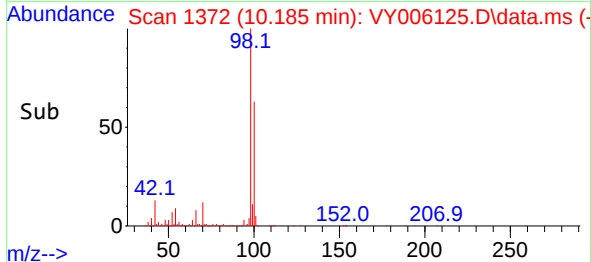
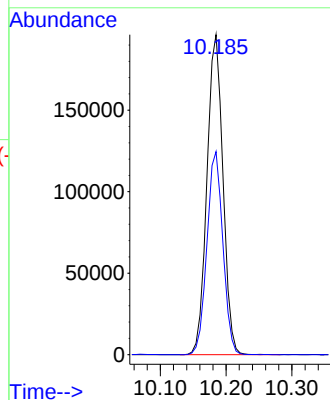
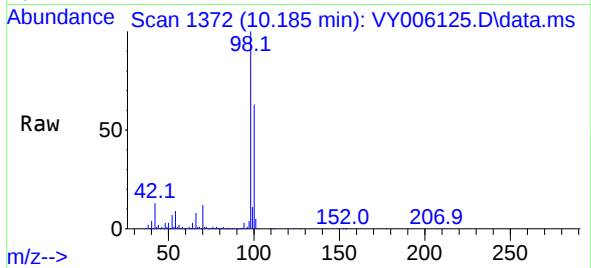




#50
Toluene-d8
Concen: 47.963 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

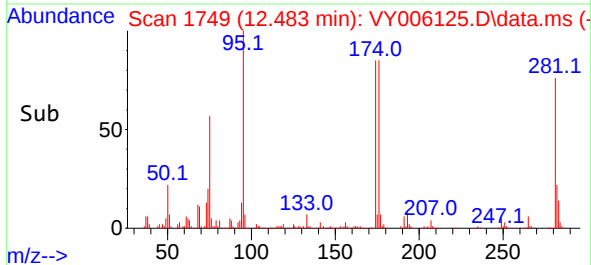
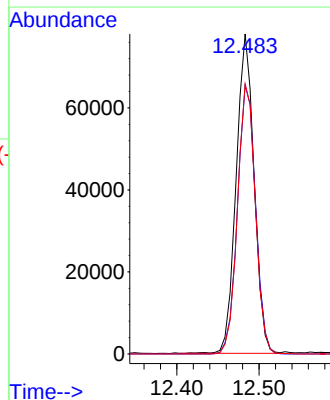
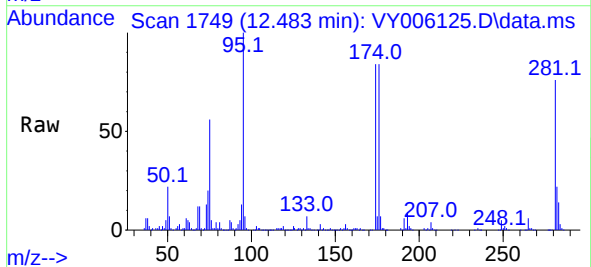
Instrument :
MSVOA_Y
ClientSampleId :
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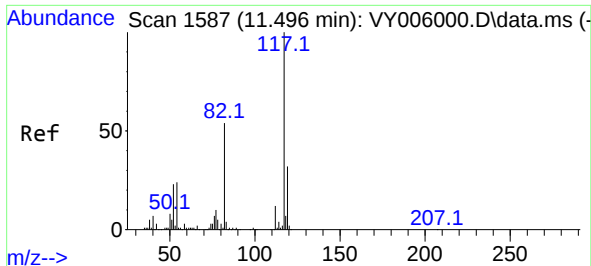
Tgt Ion: 98 Resp: 332375
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.128 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Tgt Ion: 95 Resp: 117941
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 84.2 0.0 175.8

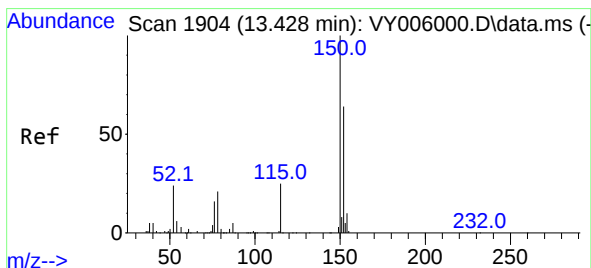
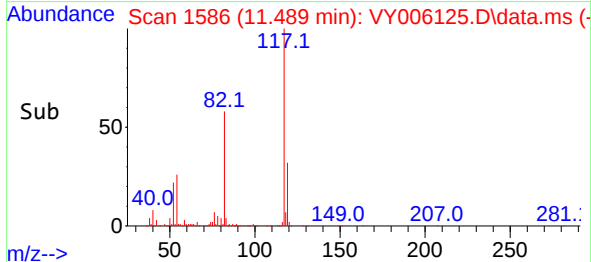
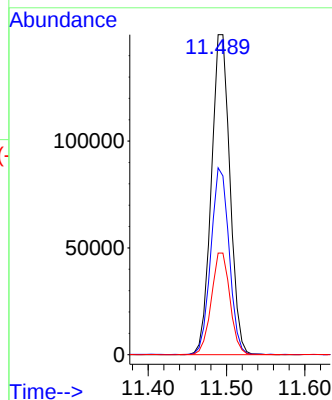
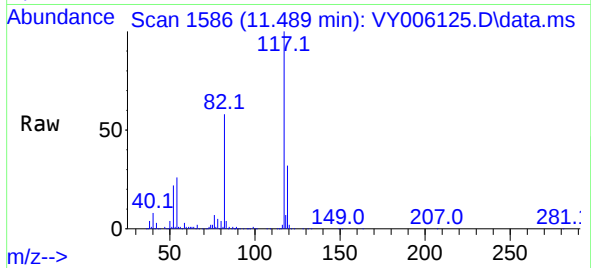




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

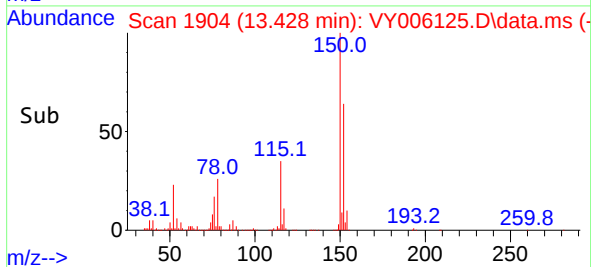
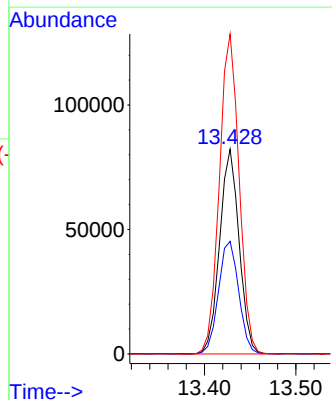
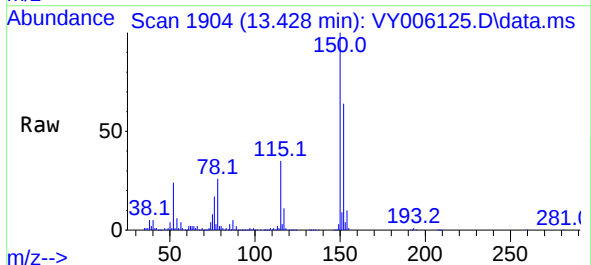
Instrument :
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ClientSampleId :
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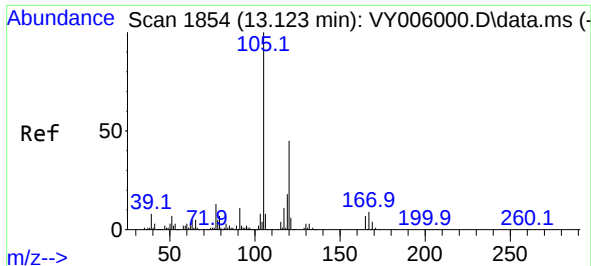
Tgt Ion:	117	Resp:	246507
Ion	Ratio	Lower	Upper
117	100		
82	58.3	43.0	64.4
119	31.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Tgt Ion:	152	Resp:	122007
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.2	84.7
150	157.9	0.0	347.6

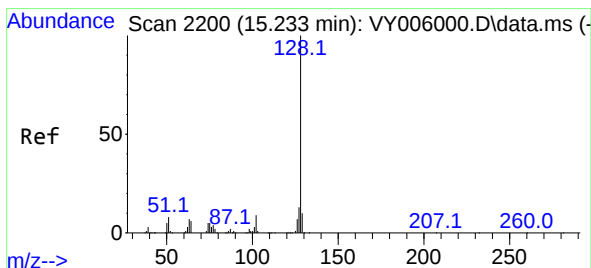
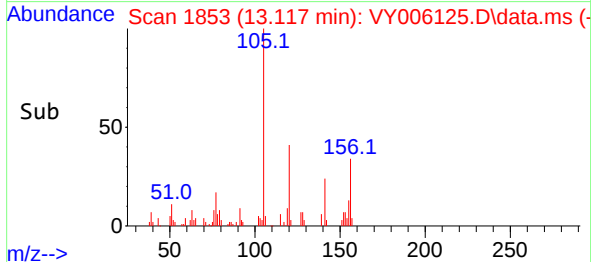
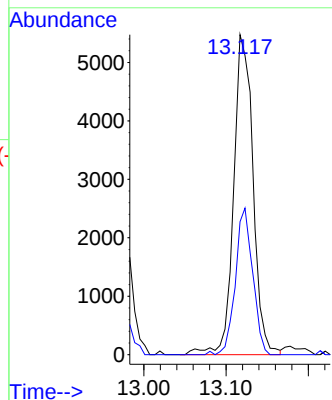
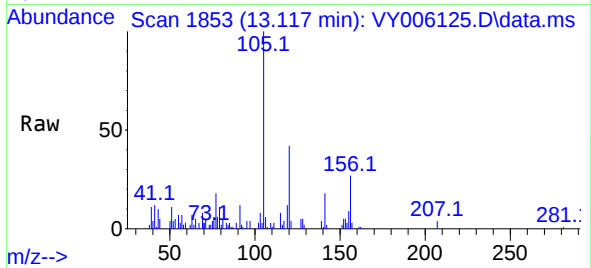




#84
1,2,4-Trimethylbenzene
Concen: 1.145 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 9002
Ion Ratio Lower Upper
105 100
120 40.9 22.3 66.9



#95
Naphthalene
Concen: 27.923 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Tgt Ion:128 Resp: 136112
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 11.2 8.4 12.6

