

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004905.D
 Acq On : 27 May 2021 17:10
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 27 17:46:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

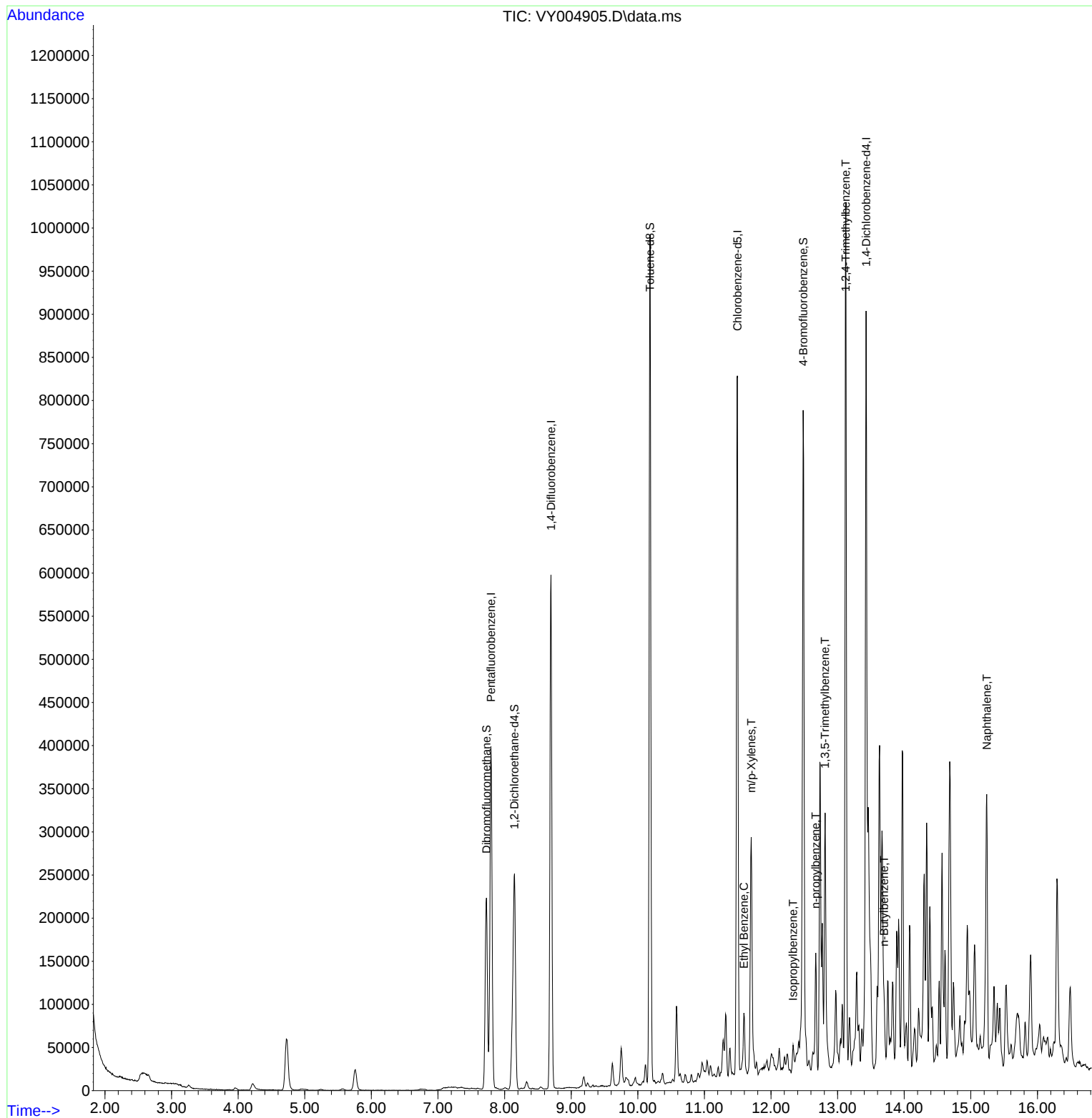
Internal Standards						
1) Pentafluorobenzene	7.795	168	302715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	504072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	450590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	207421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	177376	49.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.46%
35) Dibromofluoromethane	7.728	113	158268	57.35	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.70%
50) Toluene-d8	10.185	98	635414	50.97	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.94%
62) 4-Bromofluorobenzene	12.483	95	221276	52.59	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.18%
Target Compounds						Qvalue
67) Ethyl Benzene	11.593	91	48226	2.80	ug/l	95
68) m/p-Xylenes	11.703	106	77632	11.99	ug/l	97
73) Isopropylbenzene	12.331	105	17212	1.10	ug/l	95
78) n-propylbenzene	12.672	91	99300	5.20	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	110247	8.48	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	530409	40.78	ug/l	99
89) n-Butylbenzene	13.696	91	36410	2.66	ug/l #	79
95) Naphthalene	15.239	128	224046	26.29	ug/l	98

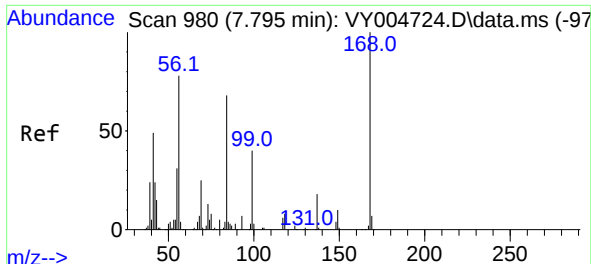
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
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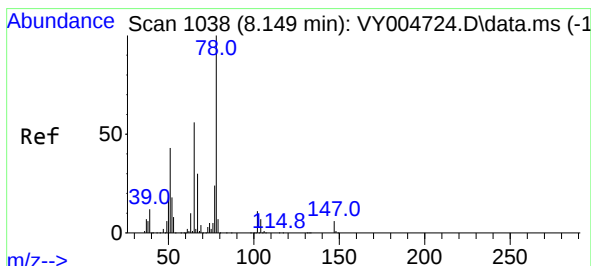
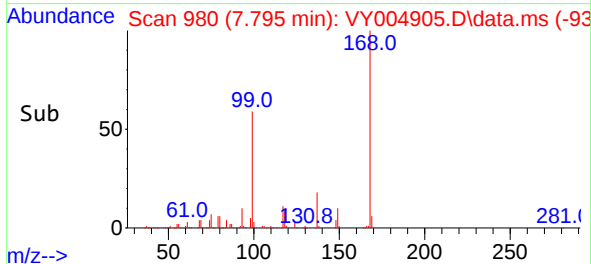
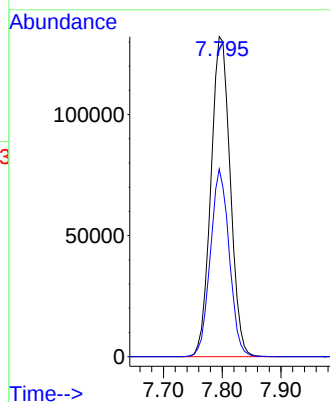
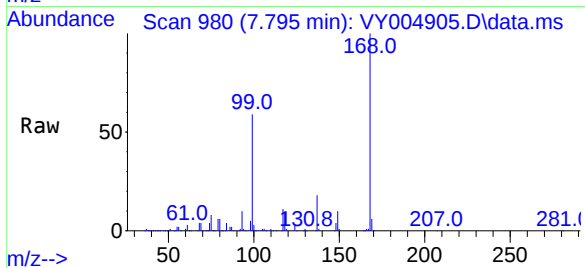




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

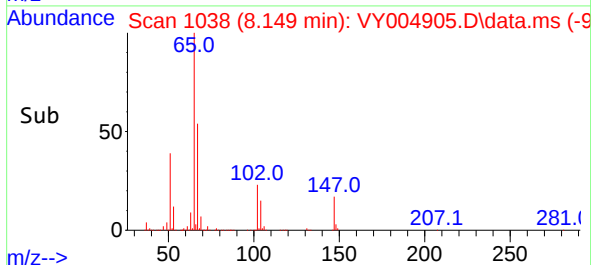
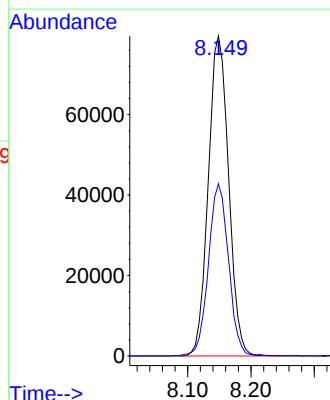
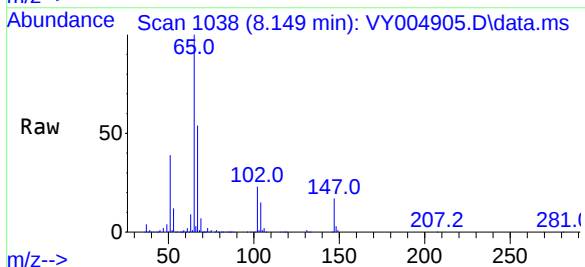
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

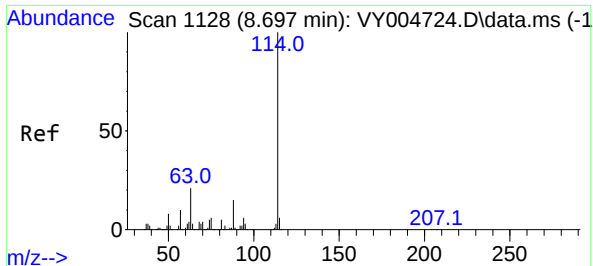
Tgt Ion:168 Resp: 302715
Ion Ratio Lower Upper
168 100
99 58.6 45.6 68.4



#33
1,2-Dichloroethane-d4
Concen: 49.23 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

Tgt Ion: 65 Resp: 177376
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.0



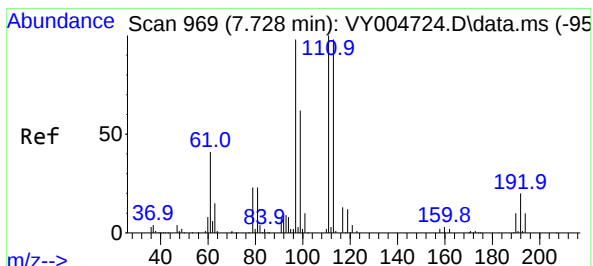
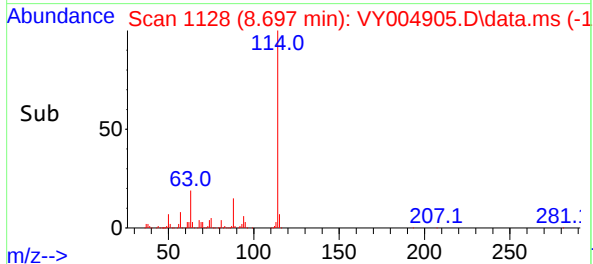
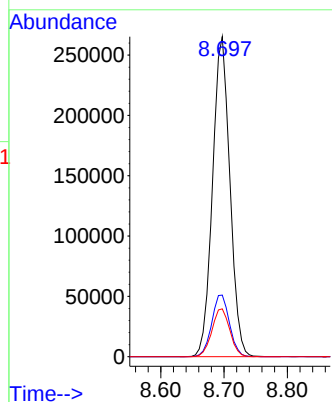
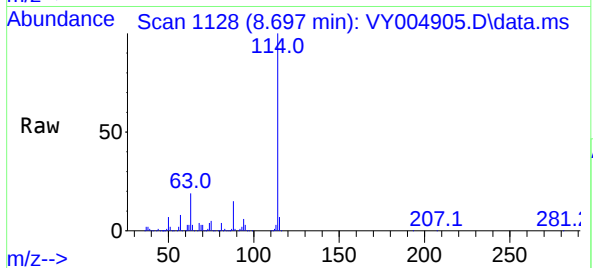


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

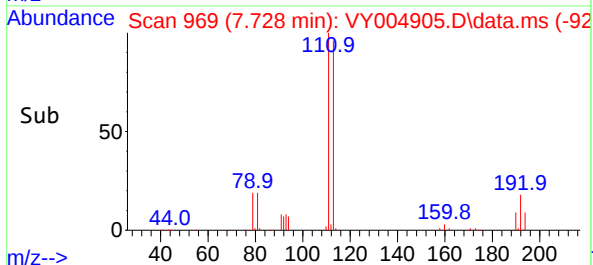
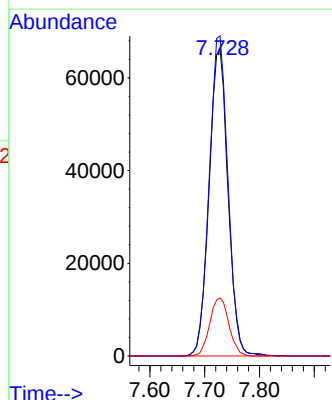
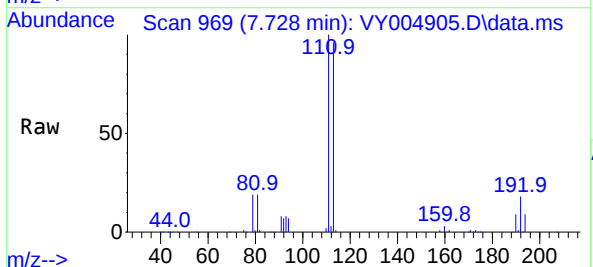
Tgt Ion:	114	Resp:	504072
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	42.8
88	15.0	0.0	31.0

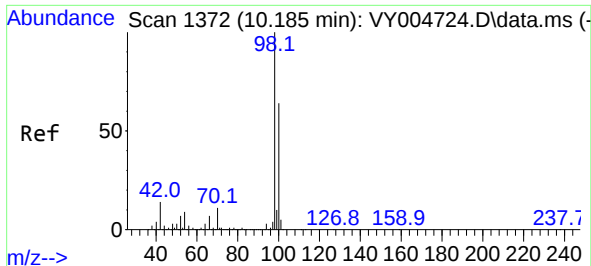


#35

Dibromofluoromethane
Concen: 57.35 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

Tgt Ion:	113	Resp:	158268
Ion Ratio	Lower	Upper	
113	100		
111	104.1	80.5	120.7
192	19.1	15.0	22.6

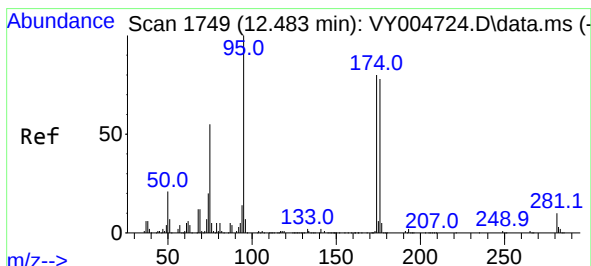
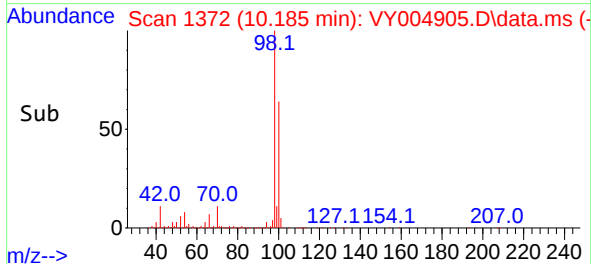
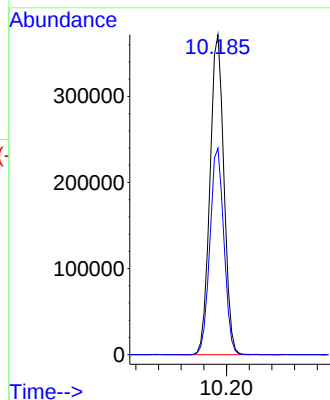
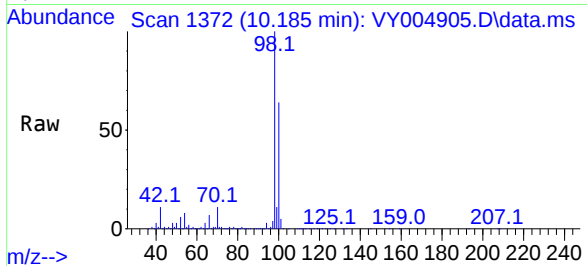




#50
Toluene-d8
Concen: 50.97 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

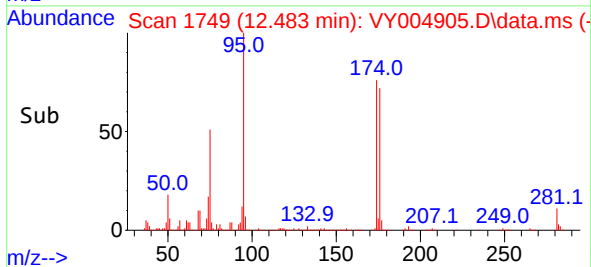
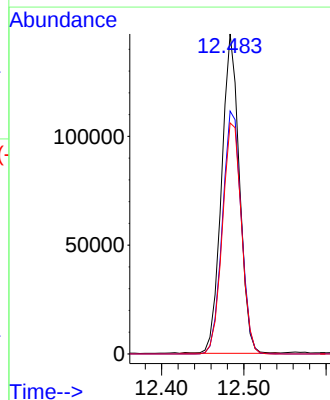
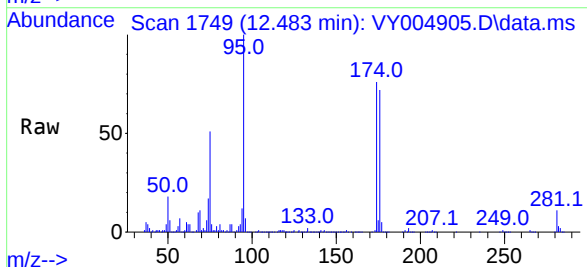
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

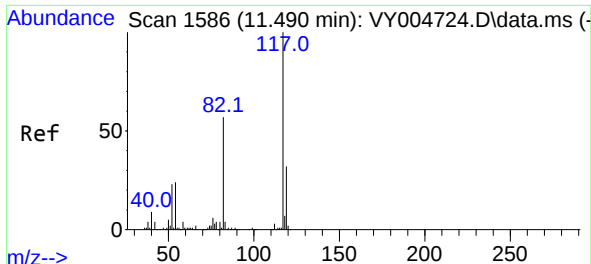
Tgt Ion: 98 Resp: 635414
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 52.59 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

Tgt Ion: 95 Resp: 221276
Ion Ratio Lower Upper
95 100
174 80.0 0.0 164.2
176 77.0 0.0 159.0

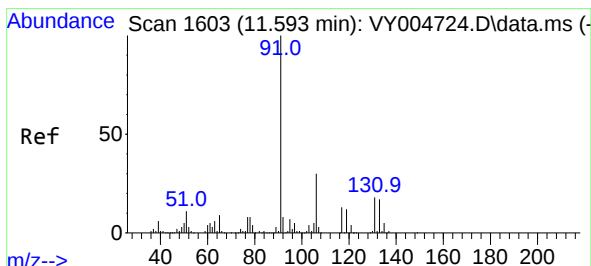
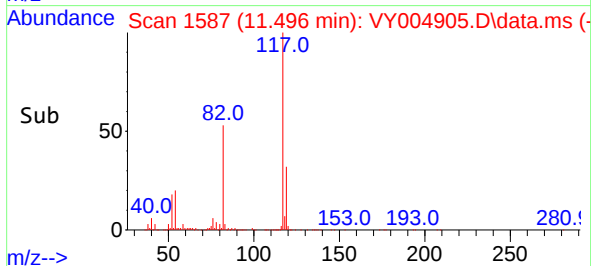
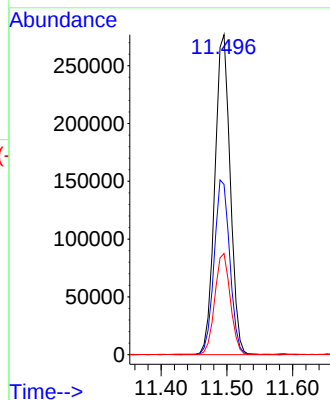
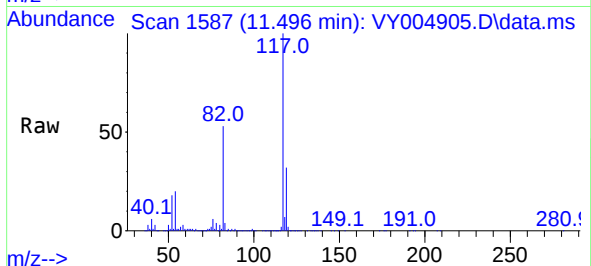




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

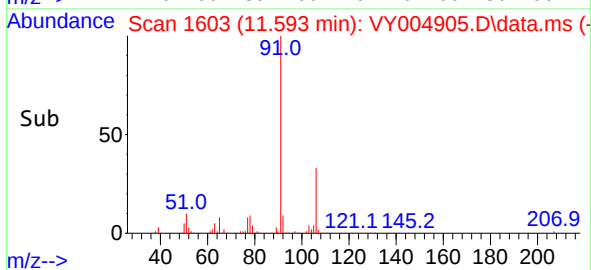
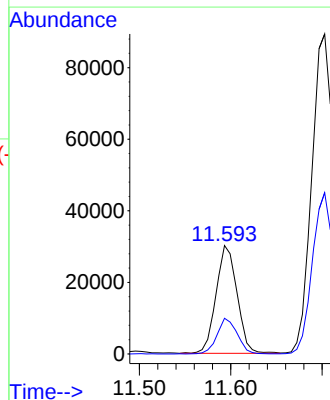
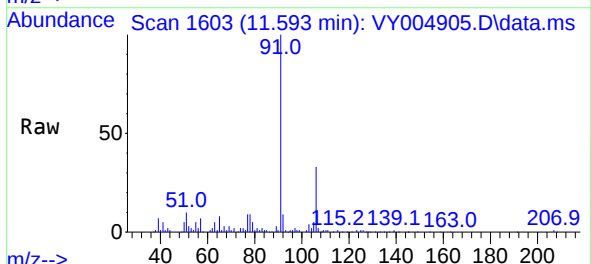
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

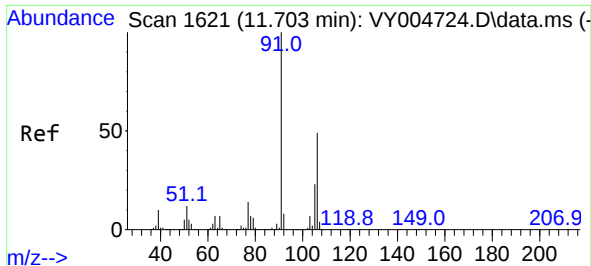
Tgt Ion:	117	Resp:	450590
Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.4	68.2
119	31.6	25.8	38.6



#67
Ethyl Benzene
Concen: 2.80 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

Tgt Ion:	91	Resp:	48226
Ion	Ratio	Lower	Upper
91	100		
106	32.9	24.0	36.0

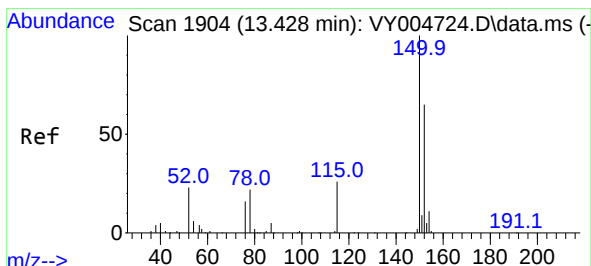
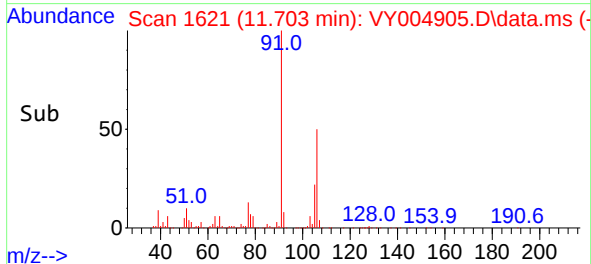
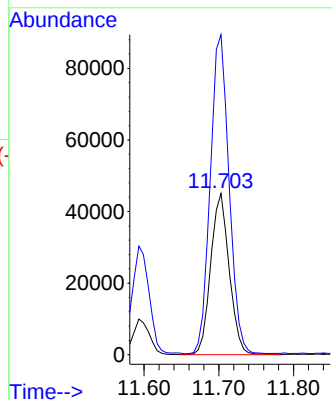
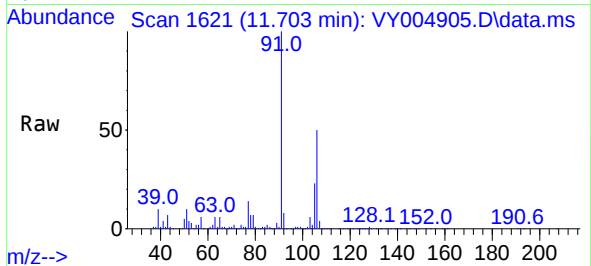




#68
m/p-Xylenes
Concen: 11.99 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

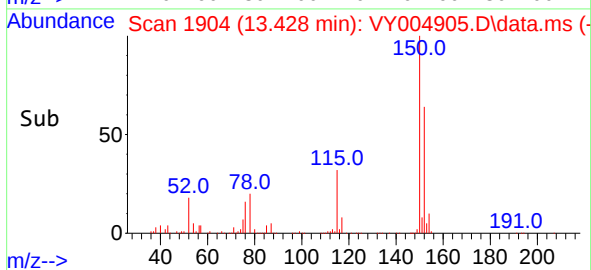
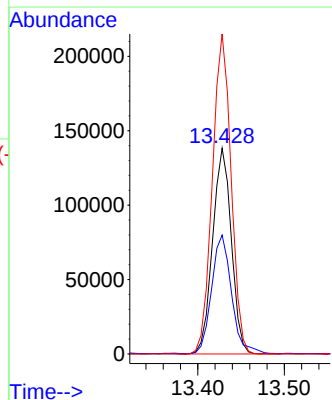
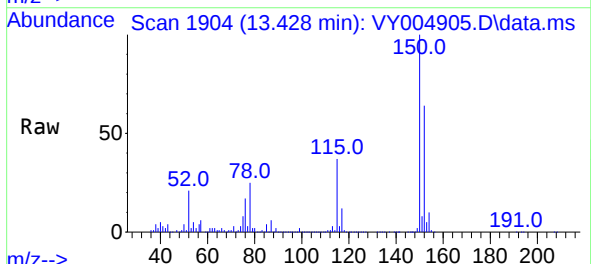
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

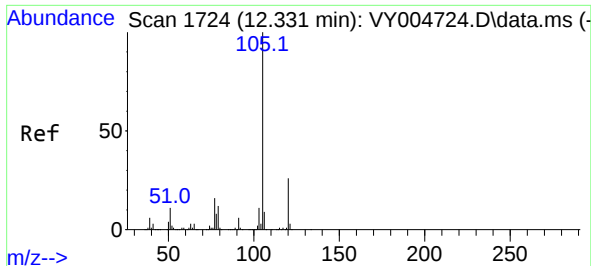
Tgt Ion:106 Resp: 77632
Ion Ratio Lower Upper
106 100
91 200.4 163.6 245.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

Tgt Ion:152 Resp: 207421
Ion Ratio Lower Upper
152 100
115 61.4 29.4 88.3
150 155.6 0.0 349.8

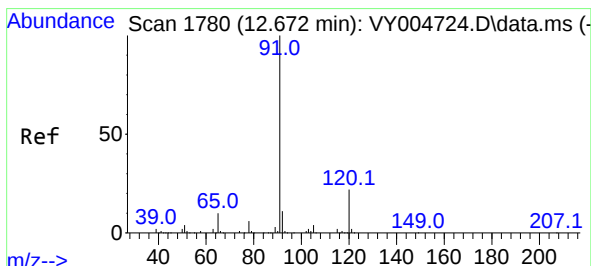
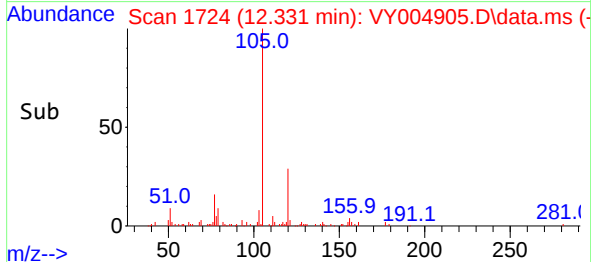
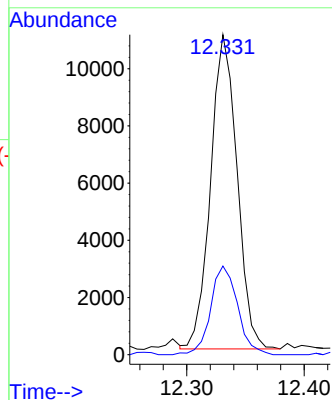
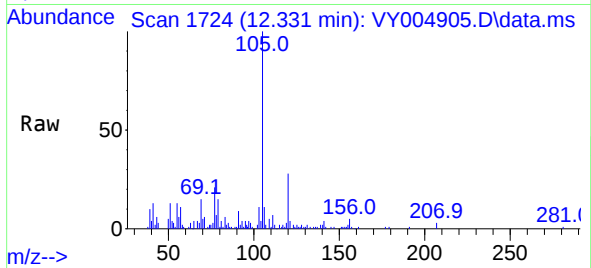




#73
Isopropylbenzene
Concen: 1.10 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

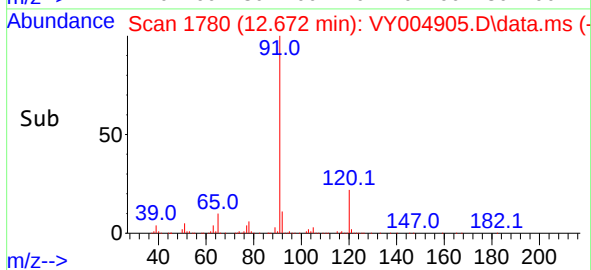
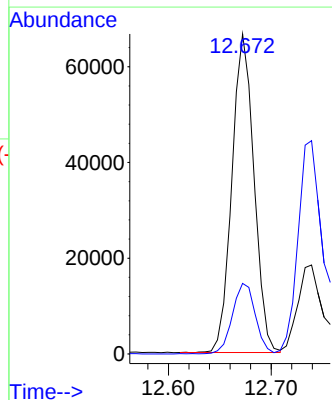
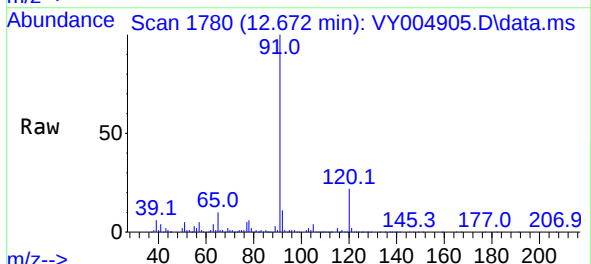
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

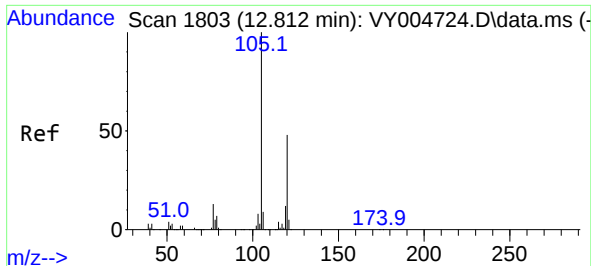
Tgt Ion:105 Resp: 17212
Ion Ratio Lower Upper
105 100
120 28.7 13.1 39.1



#78
n-propylbenzene
Concen: 5.20 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

Tgt Ion: 91 Resp: 99300
Ion Ratio Lower Upper
91 100
120 23.1 11.1 33.3

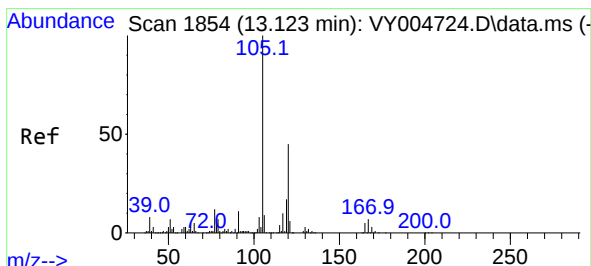
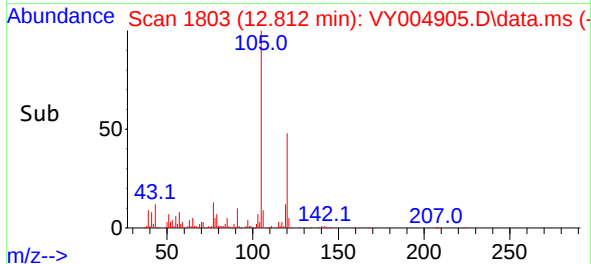
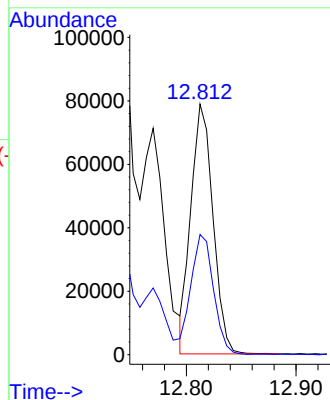
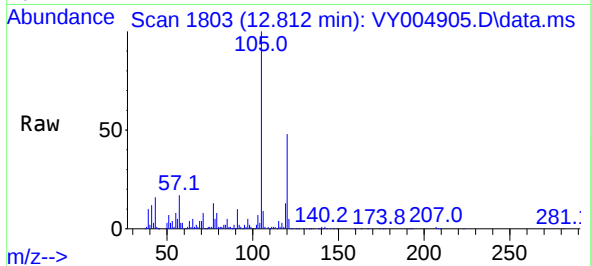




#80
1,3,5-Trimethylbenzene
Concen: 8.48 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

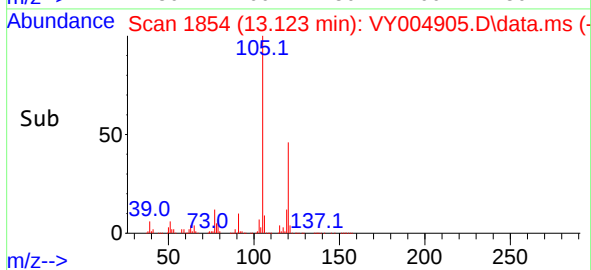
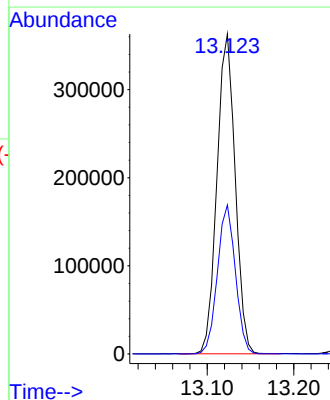
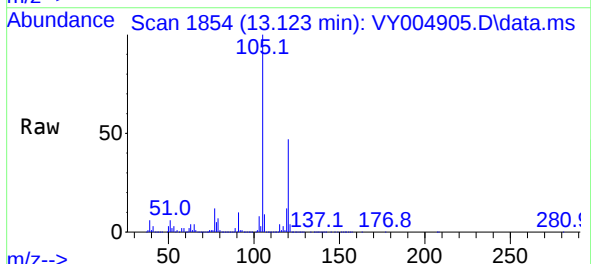
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

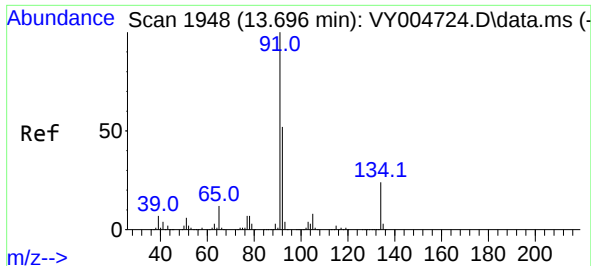
Tgt Ion:105 Resp: 110247
Ion Ratio Lower Upper
105 100
120 50.3 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 40.78 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

Tgt Ion:105 Resp: 530409
Ion Ratio Lower Upper
105 100
120 45.9 22.5 67.5

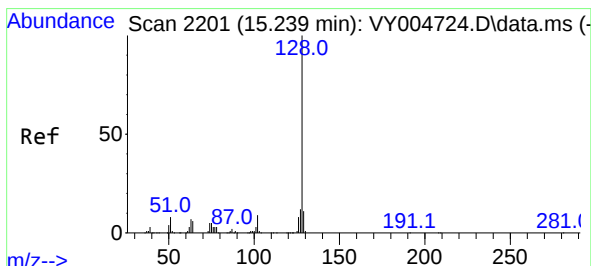
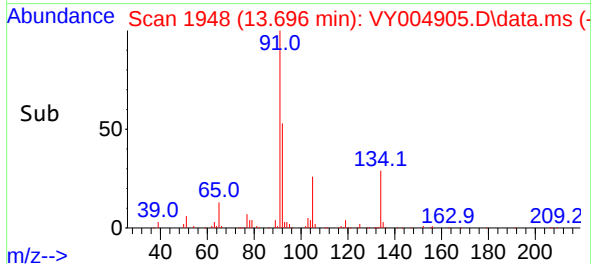
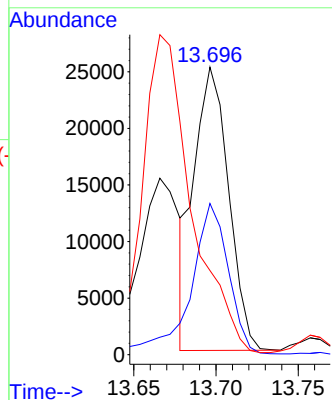
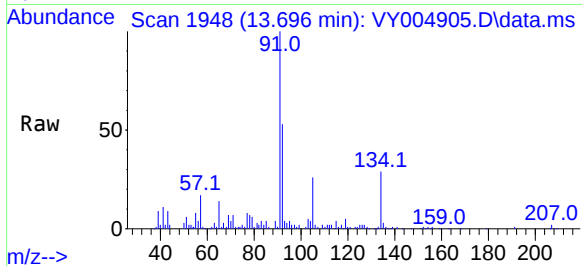




#89
n-Butylbenzene
Concen: 2.66 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 36410
Ion Ratio Lower Upper
91 100
92 57.8 26.4 79.0
134 0.0 12.6 37.6#



#95
Naphthalene
Concen: 26.29 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004905.D
Acq: 27 May 2021 17:10

Tgt Ion: 128 Resp: 224046
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 11.3 8.6 13.0

