

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004907.D
 Acq On : 27 May 2021 17:57
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 28 01:06:20 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)

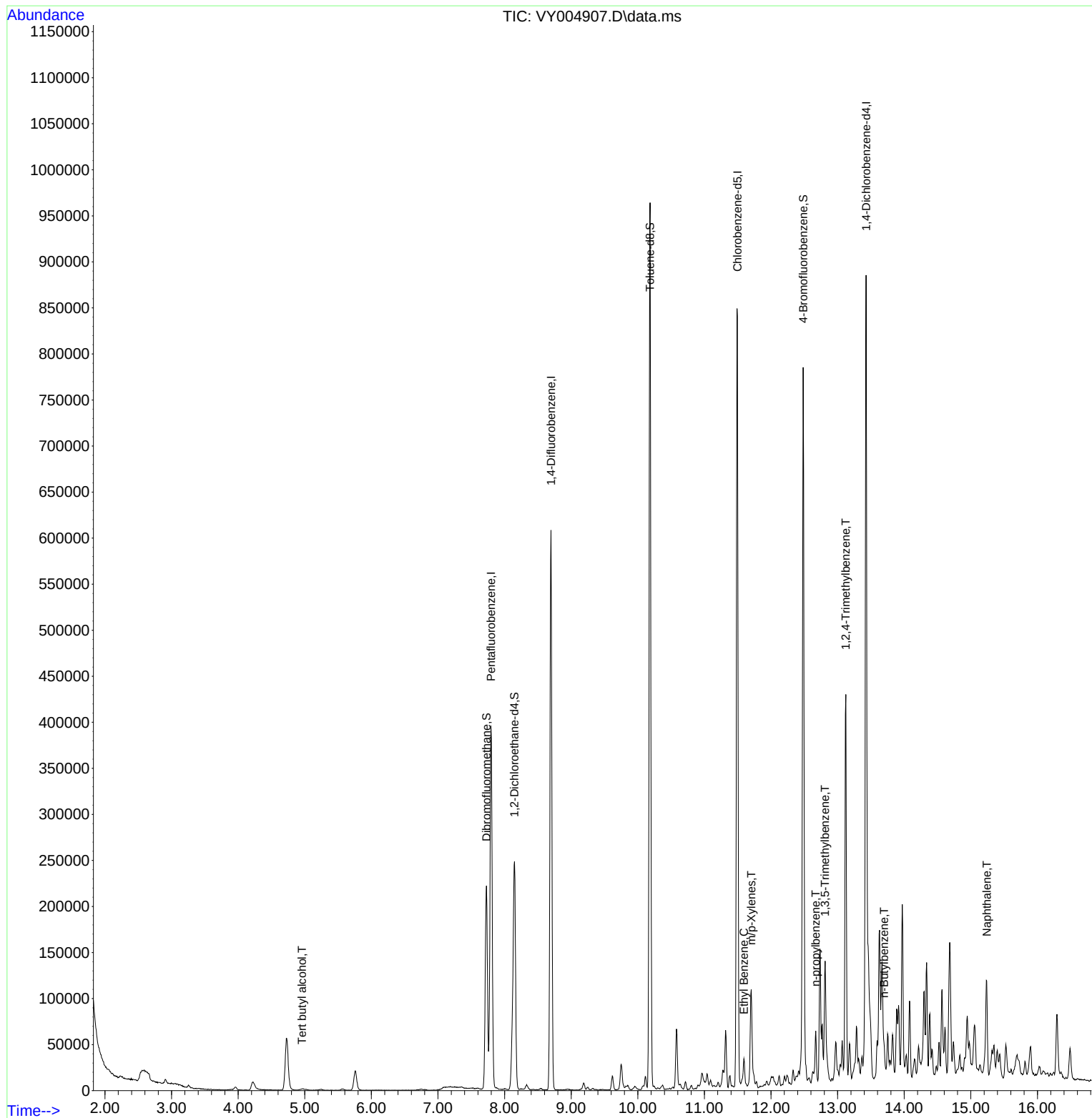
Internal Standards						
1) Pentafluorobenzene	7.795	168	306899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	515236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	463873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	212246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	181023	49.55	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.10%		
35) Dibromofluoromethane	7.728	113	157080	55.69	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	111.38%		
50) Toluene-d8	10.185	98	627256	49.23	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.46%		
62) 4-Bromofluorobenzene	12.483	95	214351	49.84	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.68%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	3431	9.35	ug/l #	90
67) Ethyl Benzene	11.593	91	20409	1.15	ug/l	100
68) m/p-Xylenes	11.703	106	30008	4.50	ug/l	99
78) n-propylbenzene	12.672	91	39074	2.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	51296	3.86	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	220864	16.59	ug/l	99
89) n-Butylbenzene	13.696	91	14313	1.02	ug/l #	73
95) Naphthalene	15.239	128	75223	8.63	ug/l	97

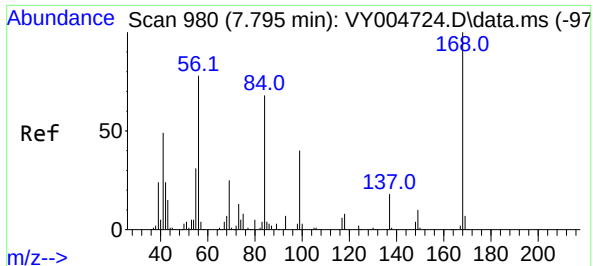
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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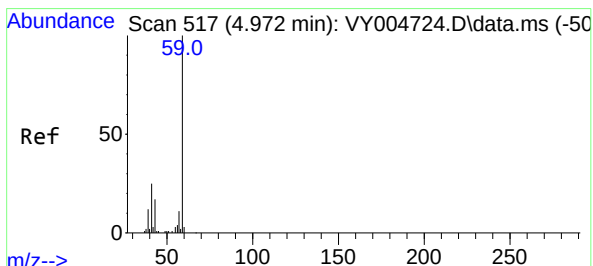
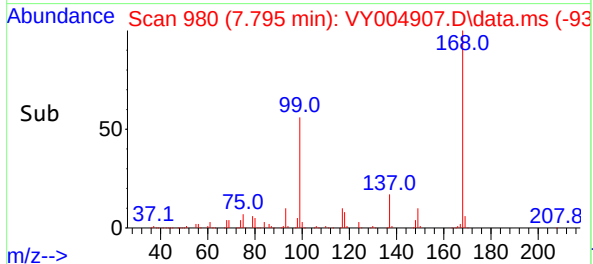
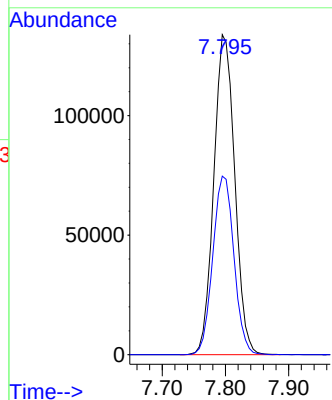
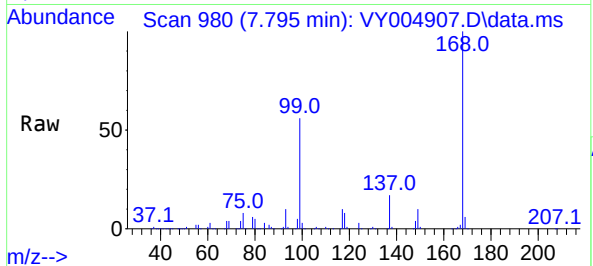




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

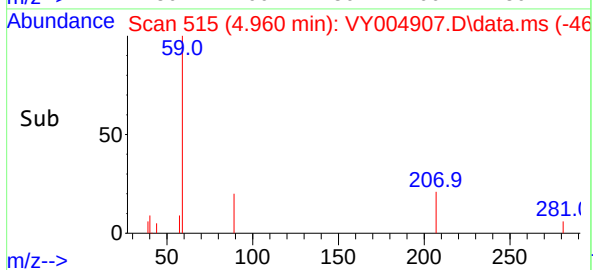
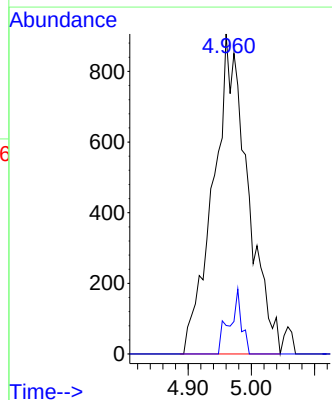
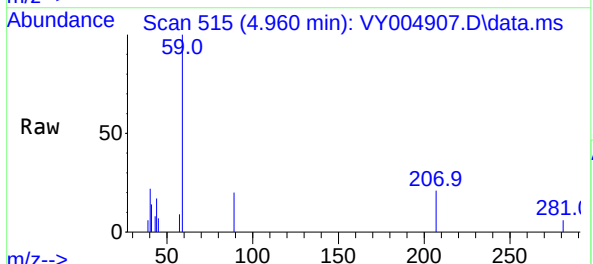
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

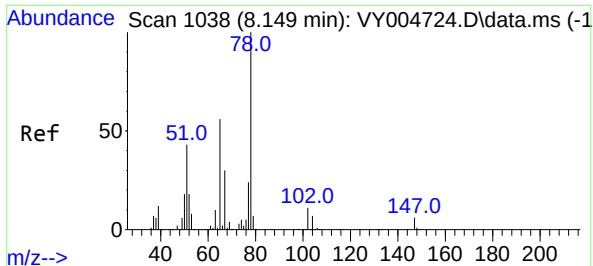
Tgt Ion:168 Resp: 306899
Ion Ratio Lower Upper
168 100
99 55.8 45.6 68.4



#11
Tert butyl alcohol
Concen: 9.35 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

Tgt Ion: 59 Resp: 3431
Ion Ratio Lower Upper
59 100
57 7.1 8.7 13.1#



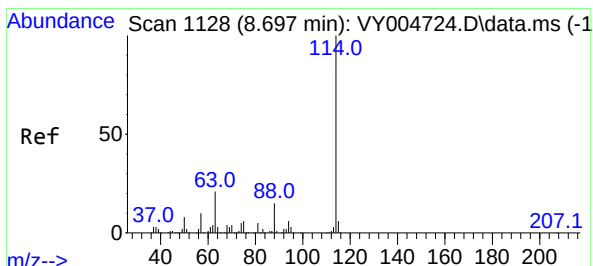
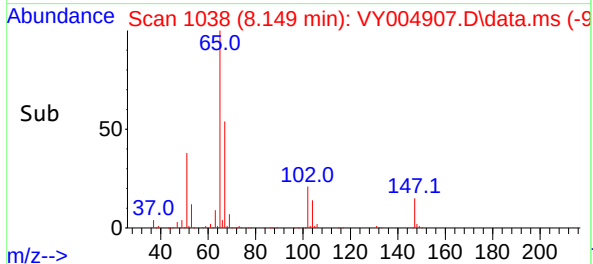
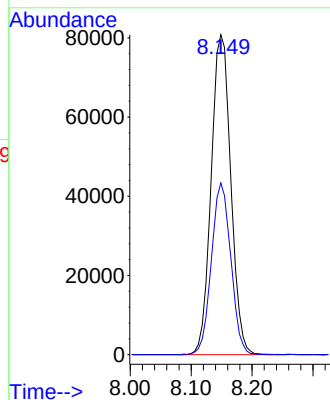
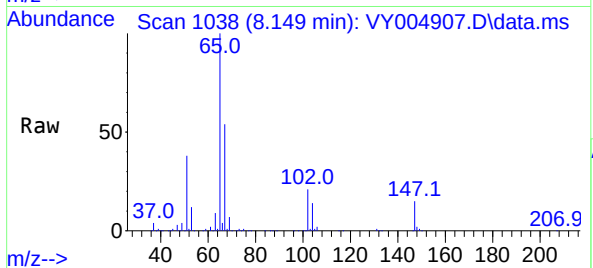


#33

1,2-Dichloroethane-d4
Concen: 49.55 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

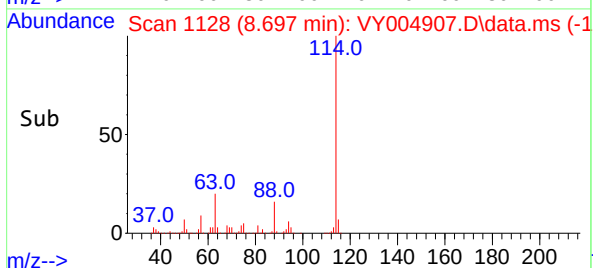
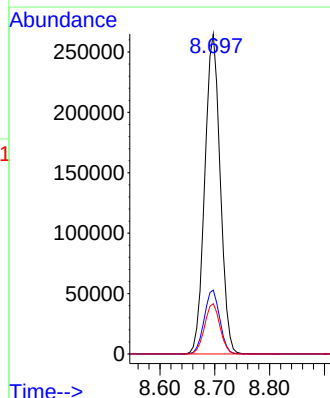
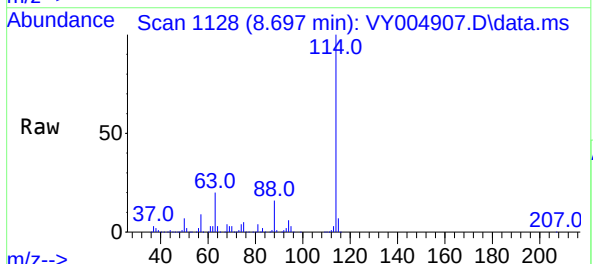
Tgt Ion: 65 Resp: 181023
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0

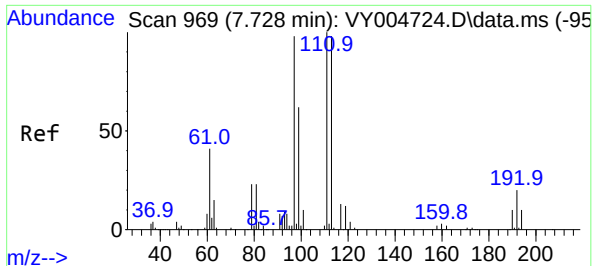


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

Tgt Ion: 114 Resp: 515236
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.8
88 15.7 0.0 31.0

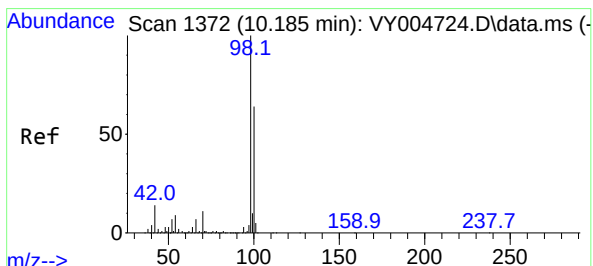
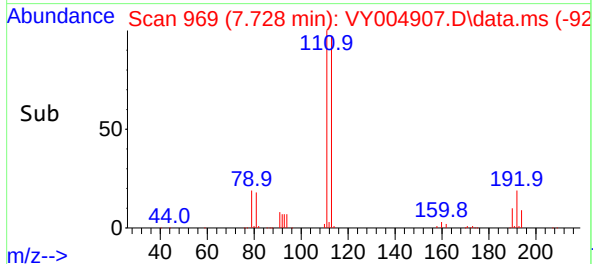
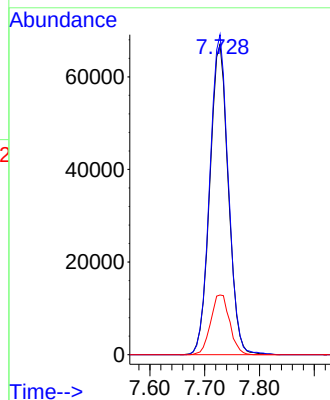
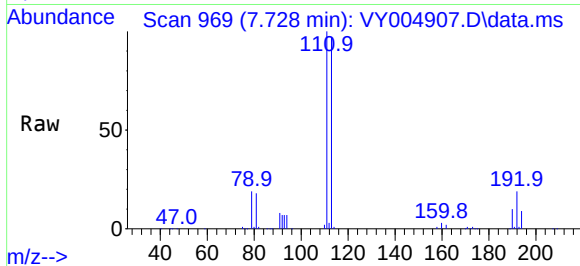




#35
Dibromofluoromethane
Concen: 55.69 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

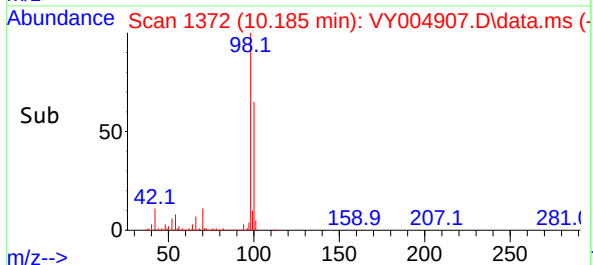
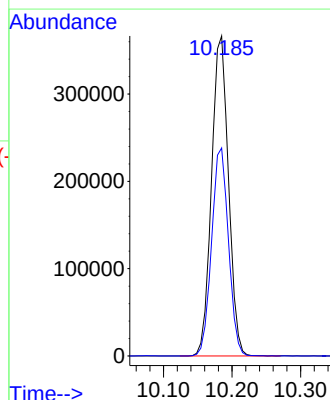
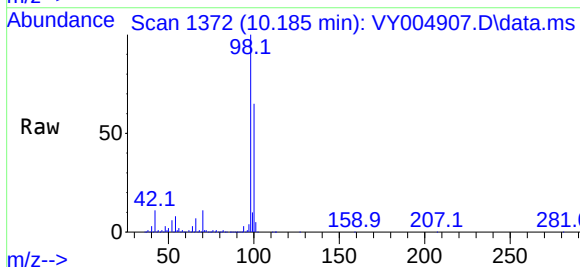
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

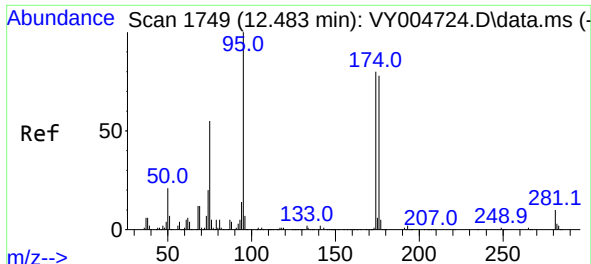
Tgt Ion:113 Resp: 157080
Ion Ratio Lower Upper
113 100
111 103.0 80.5 120.7
192 19.7 15.0 22.6



#50
Toluene-d8
Concen: 49.23 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

Tgt Ion: 98 Resp: 627256
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



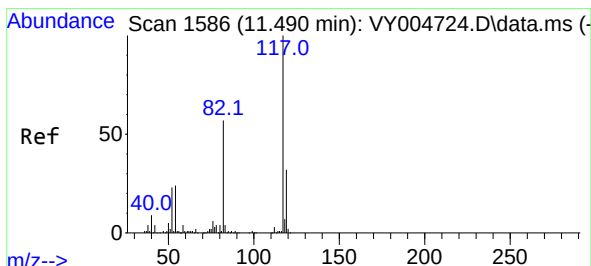
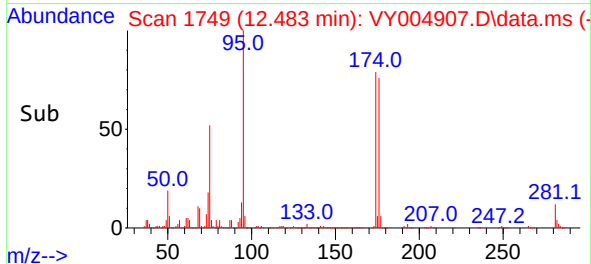
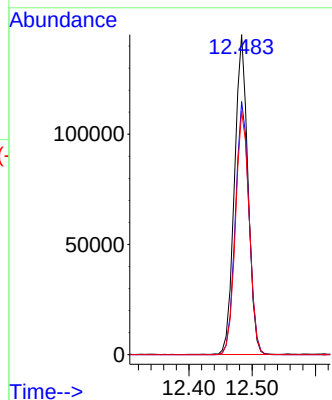
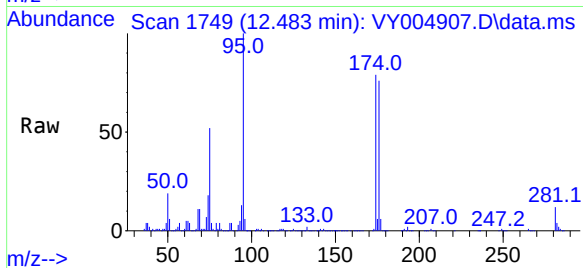


#62
4-Bromofluorobenzene
Concen: 49.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 214351

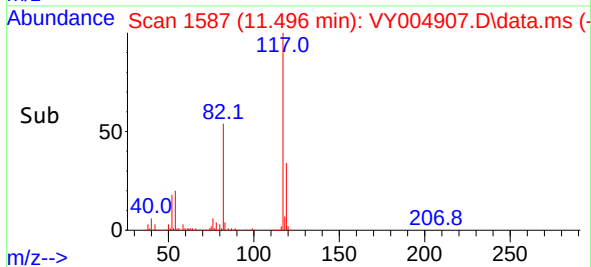
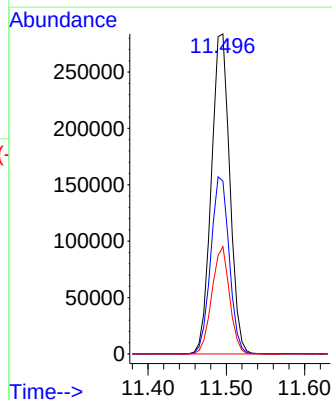
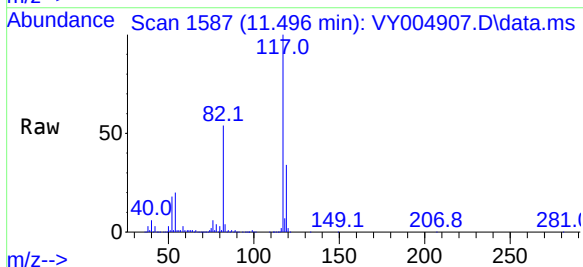
Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	164.2
176	77.7	0.0	159.0

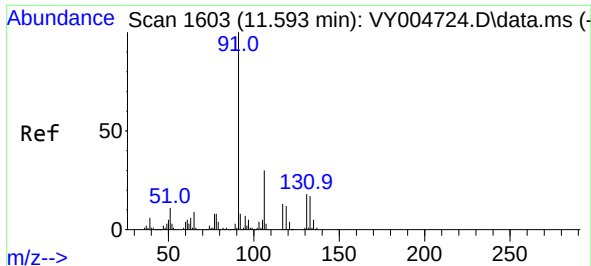


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

Tgt Ion: 117 Resp: 463873

Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.4	68.2
119	33.5	25.8	38.6

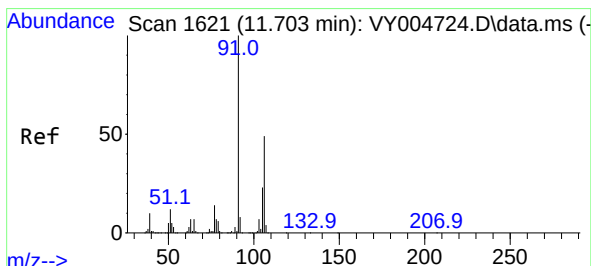
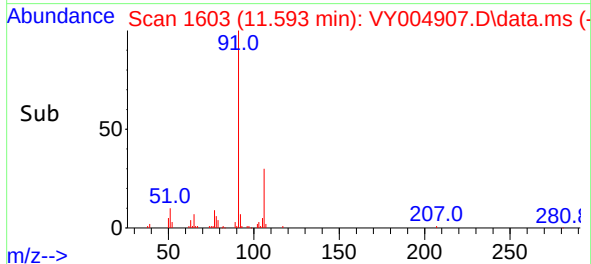
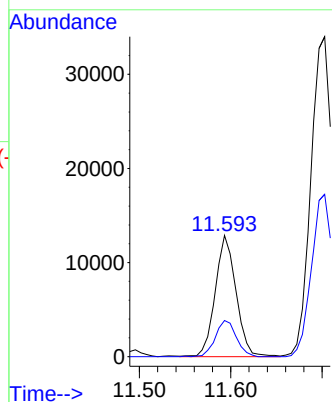
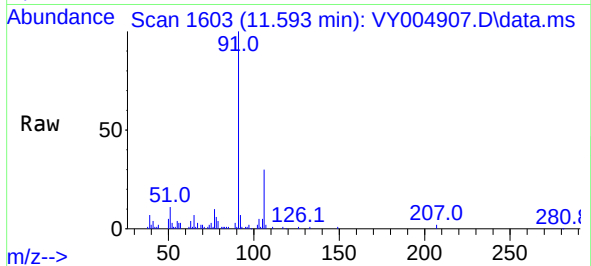




#67
Ethyl Benzene
Concen: 1.15 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

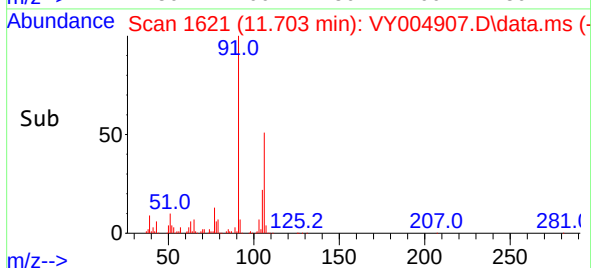
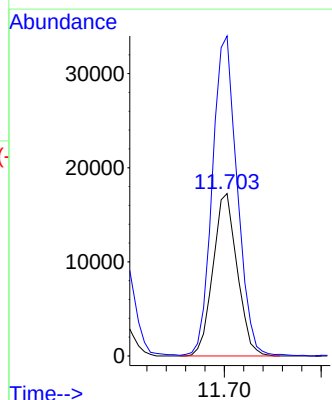
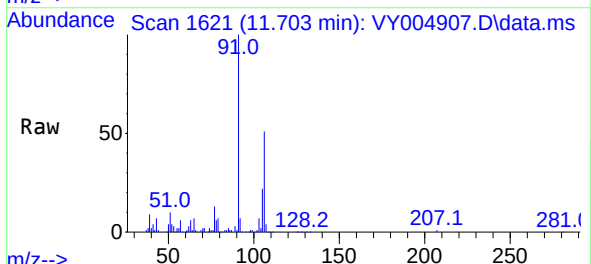
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

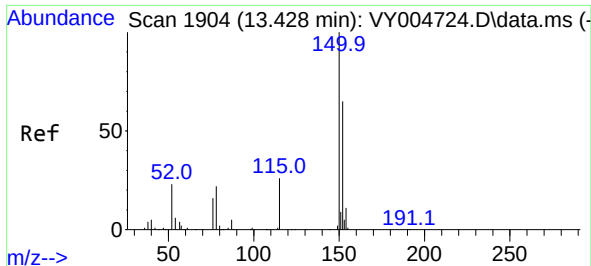
Tgt Ion: 91 Resp: 20409
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0



#68
m/p-Xylenes
Concen: 4.50 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

Tgt Ion: 106 Resp: 30008
Ion Ratio Lower Upper
106 100
91 202.2 163.6 245.4

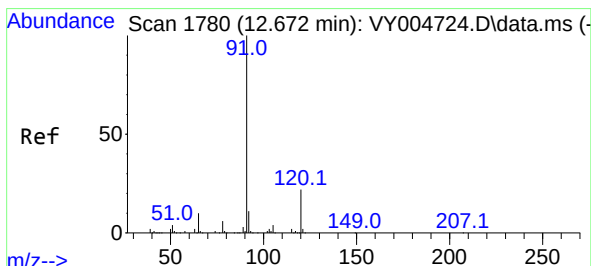
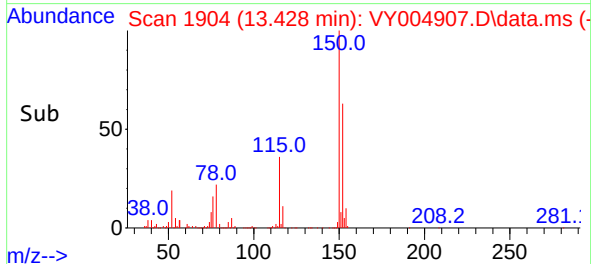
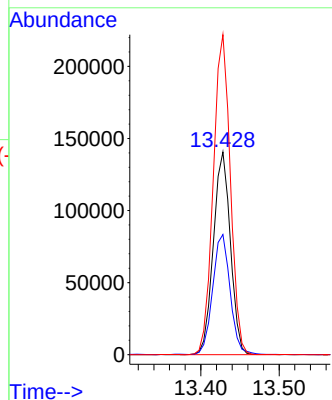
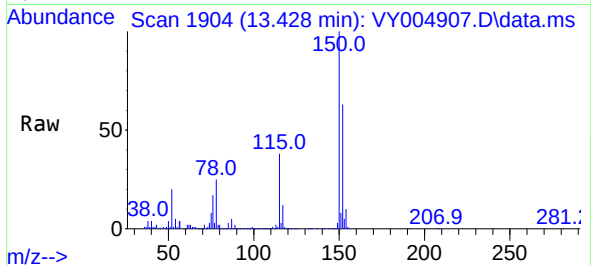




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

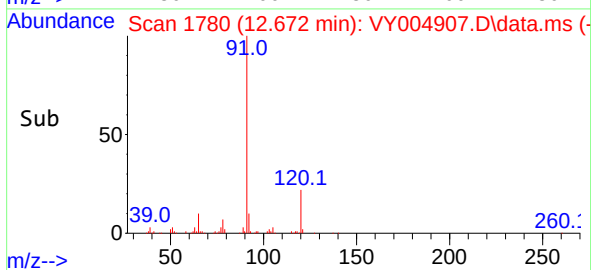
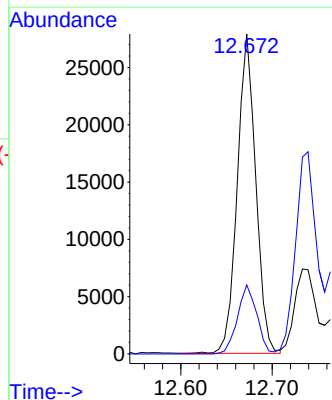
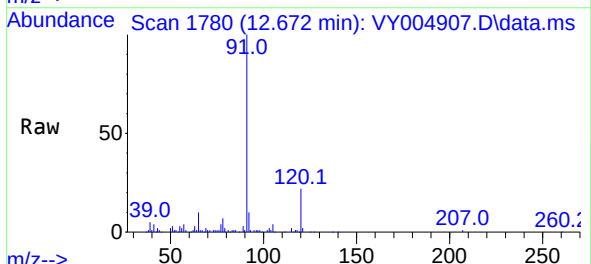
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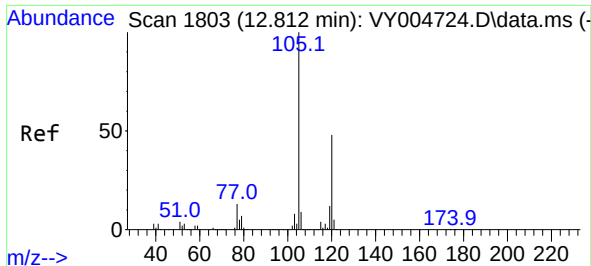
Tgt Ion:152 Resp: 212246
Ion Ratio Lower Upper
152 100
115 60.7 29.4 88.3
150 158.4 0.0 349.8



#78
n-propylbenzene
Concen: 2.00 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

Tgt Ion: 91 Resp: 39074
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.3

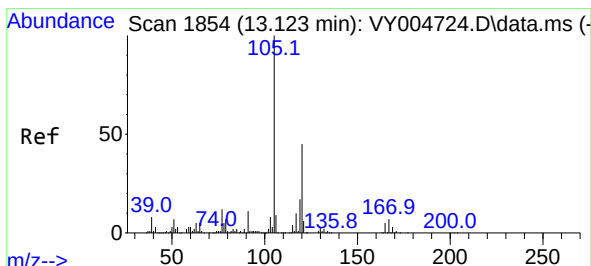
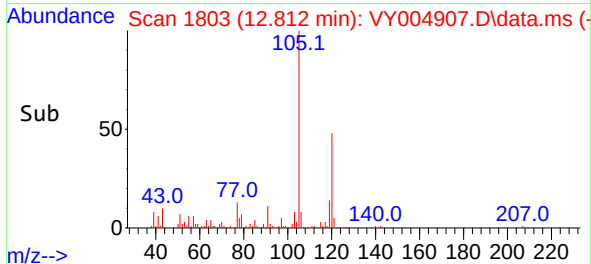
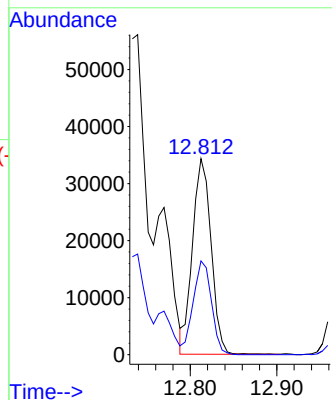
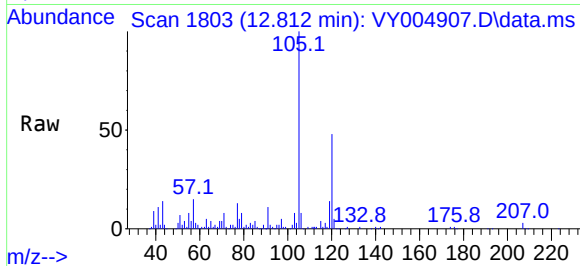




#80
1,3,5-Trimethylbenzene
Concen: 3.86 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

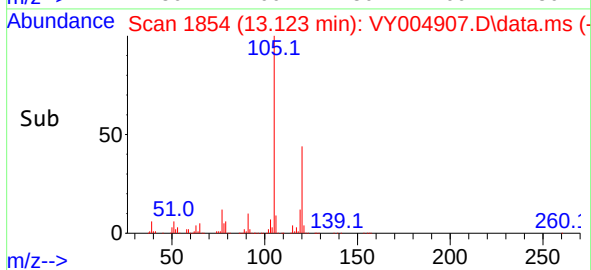
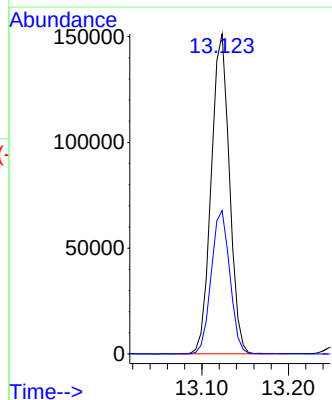
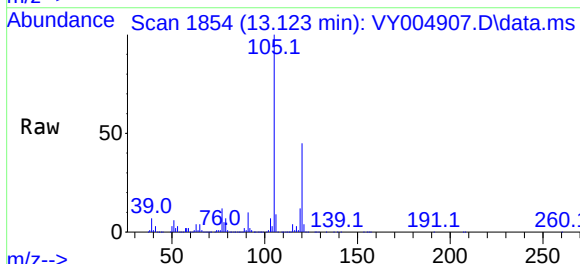
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

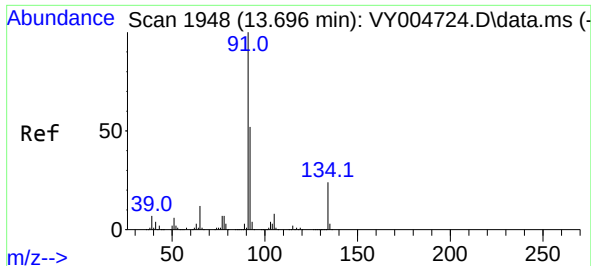
Tgt Ion:105 Resp: 51296
Ion Ratio Lower Upper
105 100
120 47.2 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 16.59 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

Tgt Ion:105 Resp: 220864
Ion Ratio Lower Upper
105 100
120 45.7 22.5 67.5

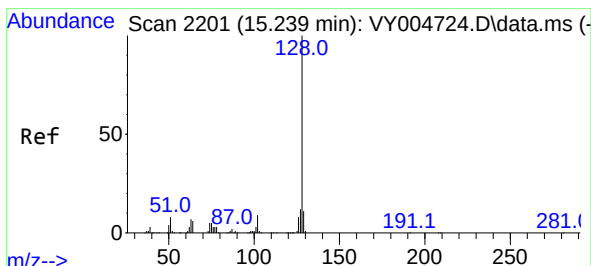
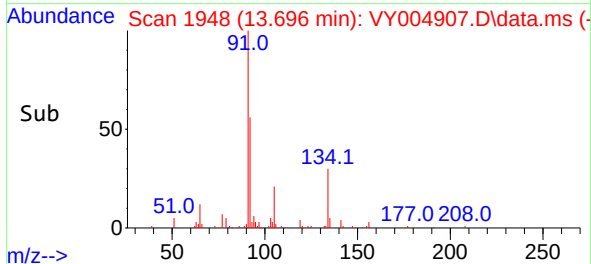
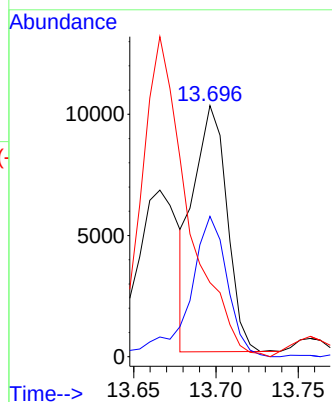
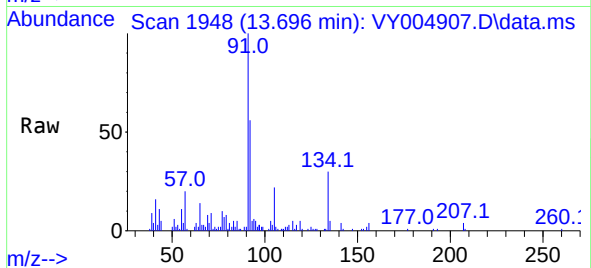




#89
n-Butylbenzene
Concen: 1.02 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 14313
Ion Ratio Lower Upper
91 100
92 64.1 26.4 79.0
134 0.0 12.6 37.6#



#95
Naphthalene
Concen: 8.63 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004907.D
Acq: 27 May 2021 17:57

Tgt Ion:128 Resp: 75223
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.2
129 11.3 8.6 13.0

