

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
 Data File : VY004230.D
 Acq On : 30 Mar 2021 13:18
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Mar 31 01:45:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

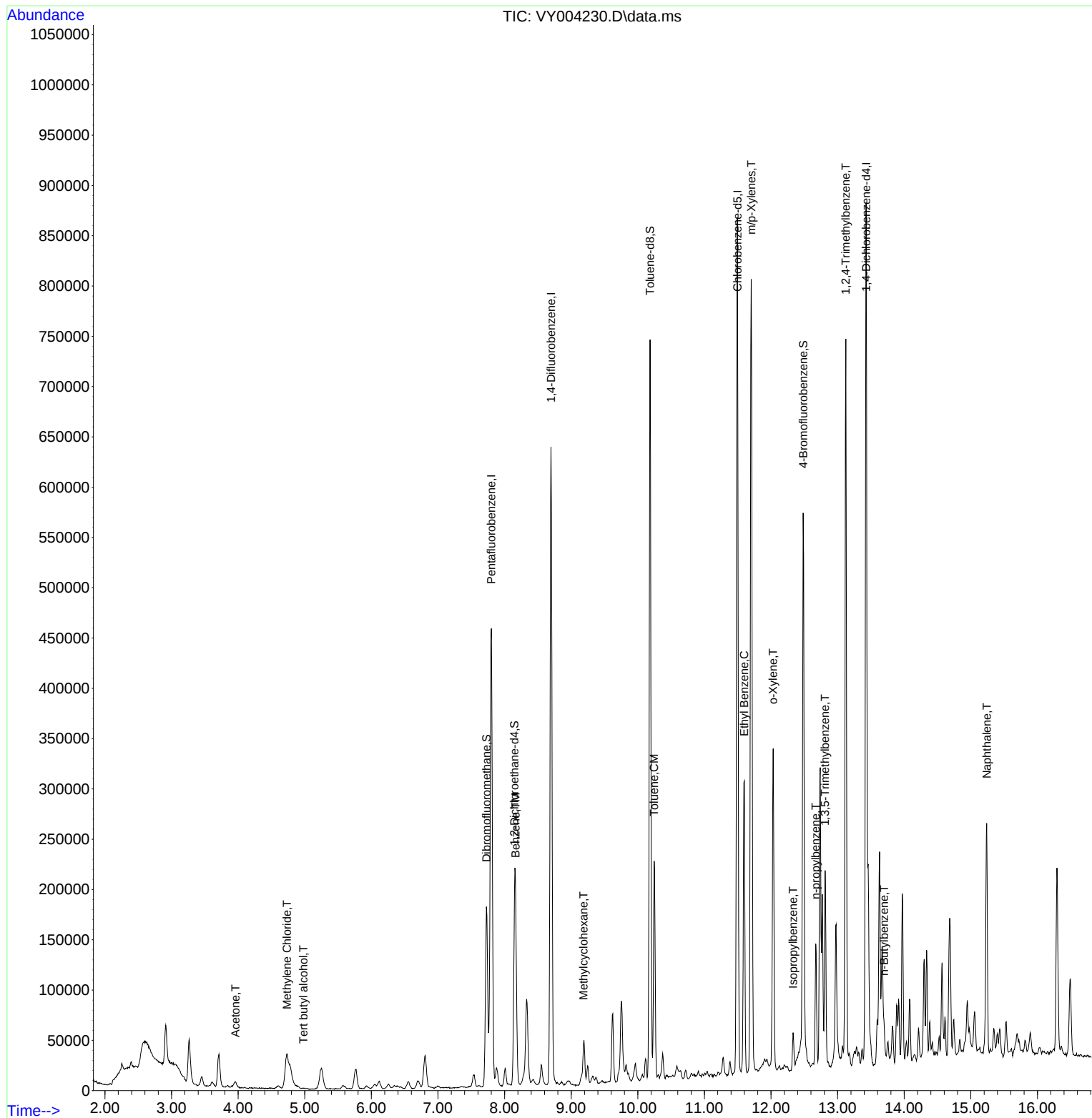
Internal Standards						
1) Pentafluorobenzene	7.801	168	342745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	537871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	462732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	211263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	130847	39.71	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	79.42%		
35) Dibromofluoromethane	7.728	113	124310	41.48	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.96%		
50) Toluene-d8	10.185	98	466844	41.42	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	82.84%		
62) 4-Bromofluorobenzene	12.483	95	163030	42.20	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	84.40%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.978	59	2386	8.90	ug/l #	71
16) Acetone	3.960	43	6171	8.99	ug/l	93
20) Methylene Chloride	4.734	84	18645	3.18	ug/l	92
39) Methylcyclohexane	9.185	83	12127	1.99	ug/l	96
40) Benzene	8.167	78	90553	6.51	ug/l	99
52) Toluene	10.246	92	91381	10.21	ug/l	100
67) Ethyl Benzene	11.599	91	202754	12.10	ug/l	100
68) m/p-Xylenes	11.703	106	243528	37.85	ug/l	99
69) o-Xylene	12.032	106	82881	13.77	ug/l	99
73) Isopropylbenzene	12.331	105	22962	1.49	ug/l	98
78) n-propylbenzene	12.672	91	89422	5.01	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	93900	7.46	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	375799	29.76	ug/l	100
89) n-Butylbenzene	13.696	91	16558	1.29	ug/l #	74
95) Naphthalene	15.239	128	183951	20.16	ug/l	100

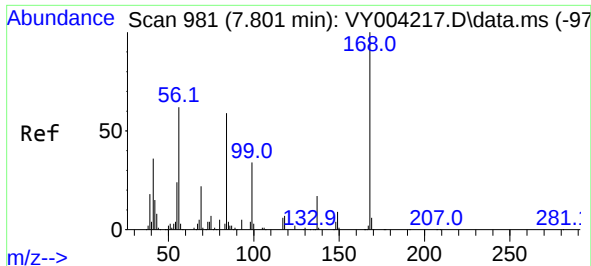
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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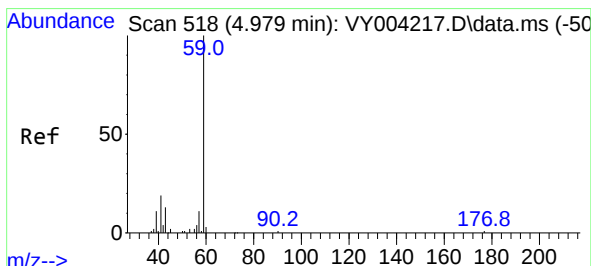
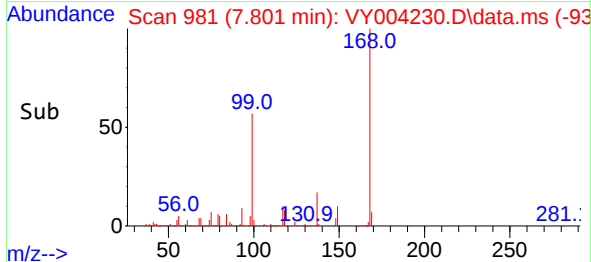
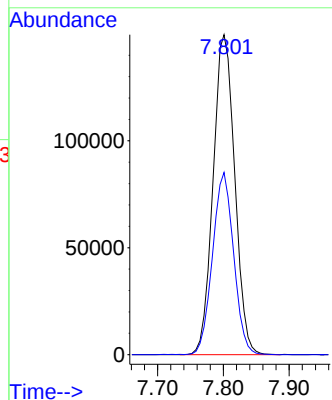
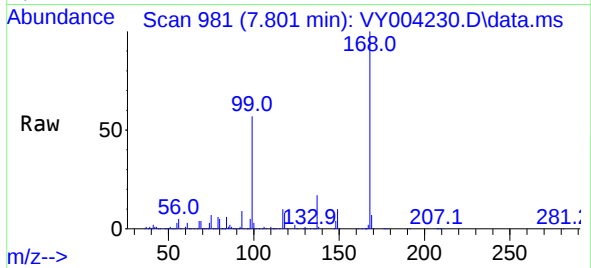




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

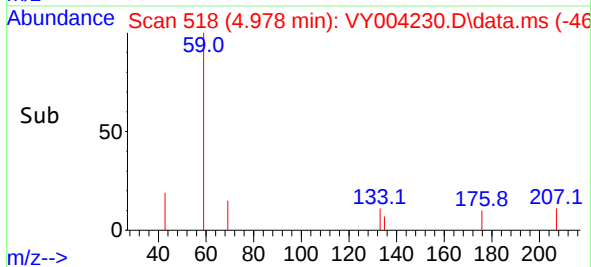
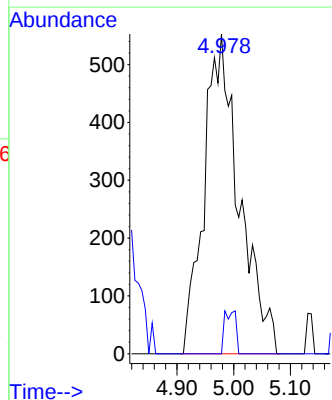
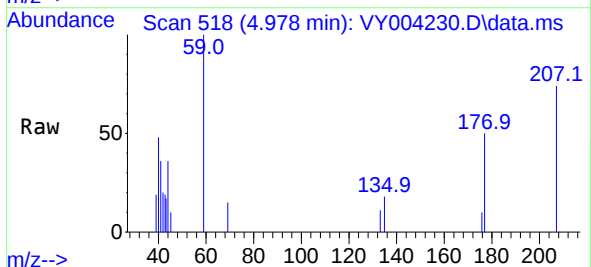
Instrument :
MSVOA_Y
ClientSampled :
IBLK

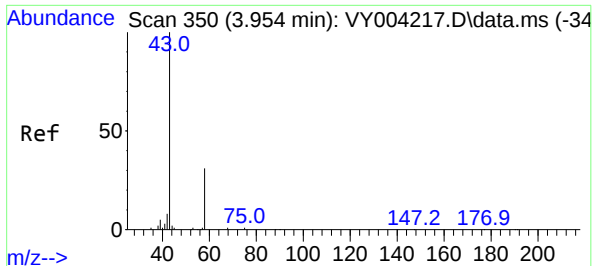
Tgt Ion:168 Resp: 342745
Ion Ratio Lower Upper
168 100
99 56.9 42.6 64.0



#11
Tert butyl alcohol
Concen: 8.90 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

Tgt Ion: 59 Resp: 2386
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

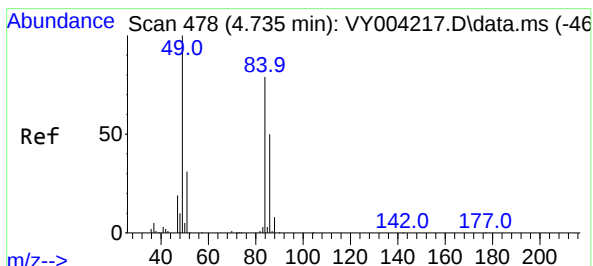
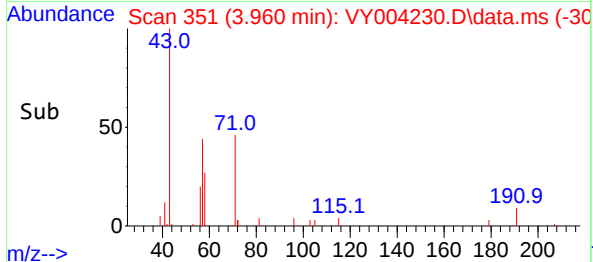
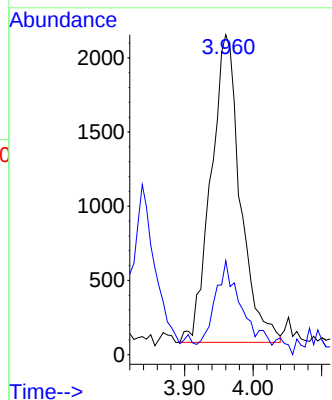
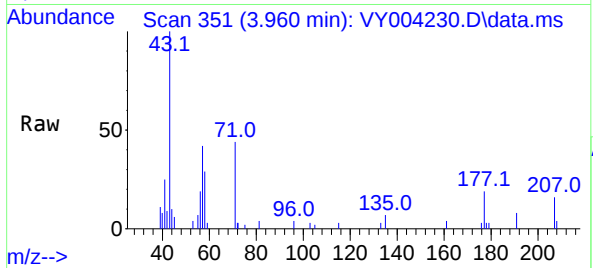




#16
Acetone
Concen: 8.99 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

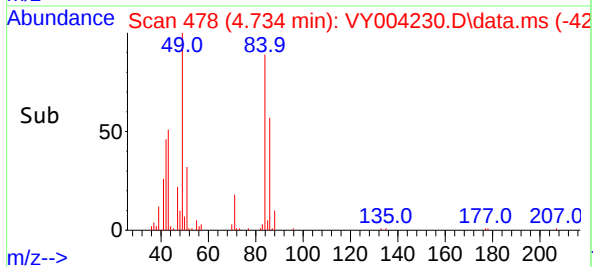
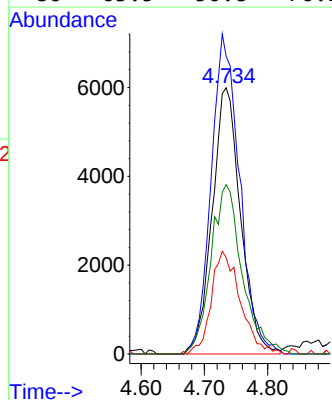
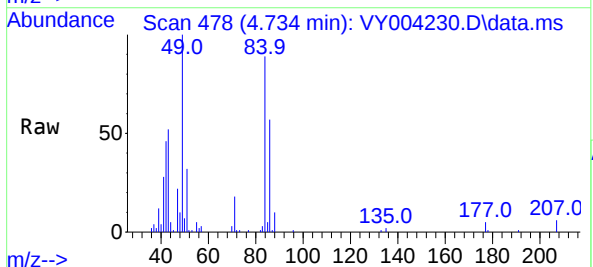
Instrument :
MSVOA_Y
ClientSampled :
IBLK

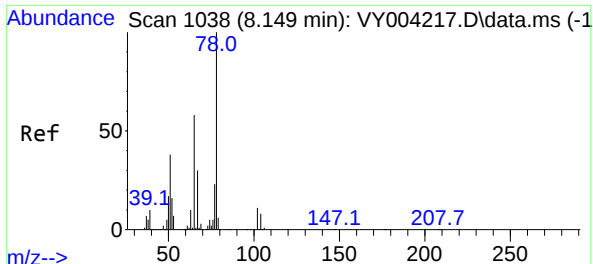
Tgt Ion: 43 Resp: 6171
Ion Ratio Lower Upper
43 100
58 27.0 24.5 36.7



#20
Methylene Chloride
Concen: 3.18 ug/l
RT: 4.734 min Scan# 478
Delta R.T. -0.001 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

Tgt Ion: 84 Resp: 18645
Ion Ratio Lower Upper
84 100
49 111.8 101.5 152.3
51 36.2 31.5 47.3
86 63.5 50.8 76.2

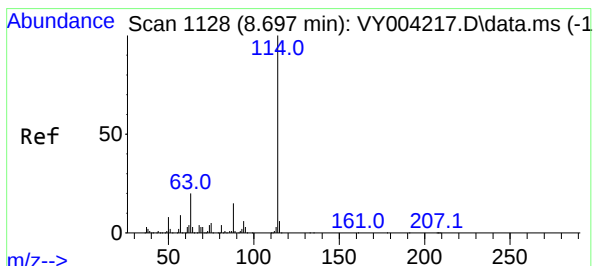
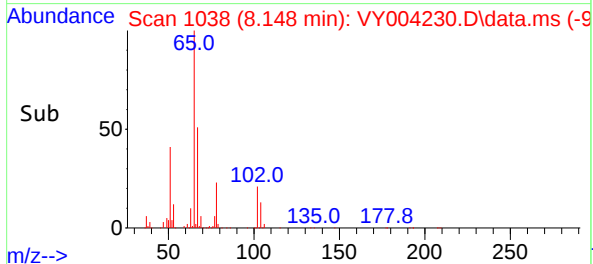
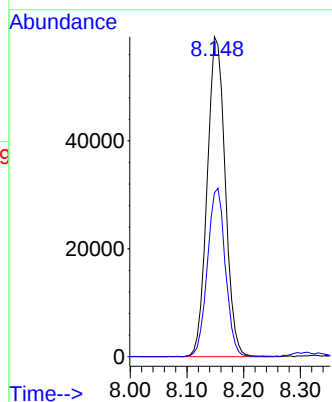
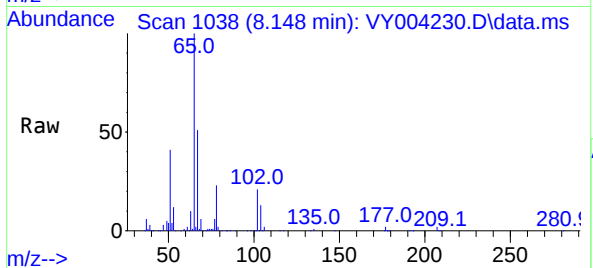




#33
1,2-Dichloroethane-d4
Concen: 39.71 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

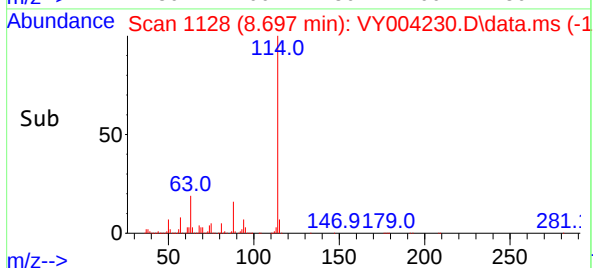
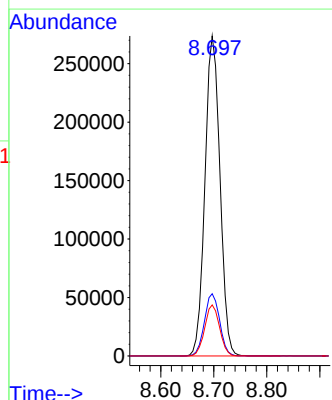
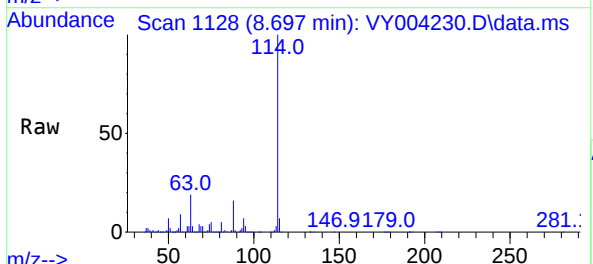
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

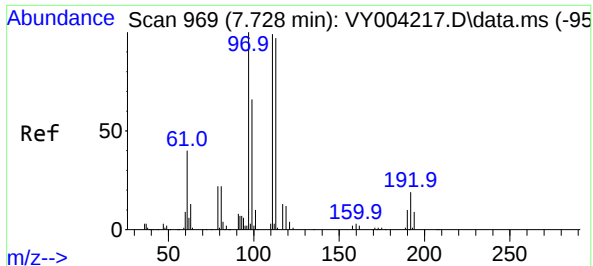
Tgt Ion: 65 Resp: 130847
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

Tgt Ion:114 Resp: 537871
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.4
88 16.0 0.0 30.8

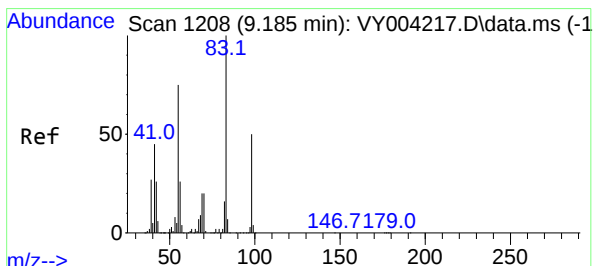
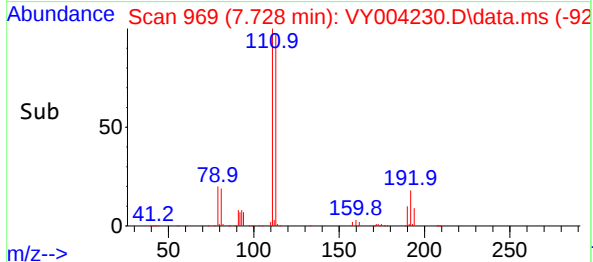
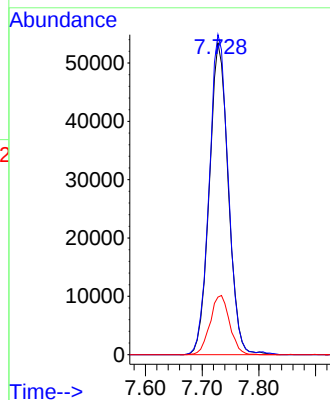
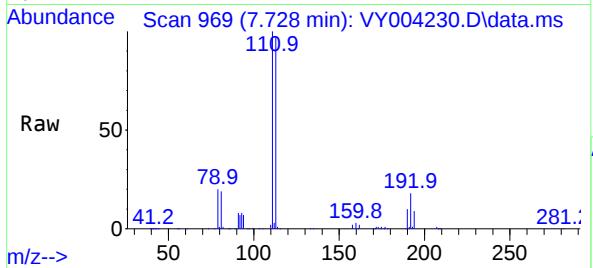




#35
Dibromofluoromethane
Concen: 41.48 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

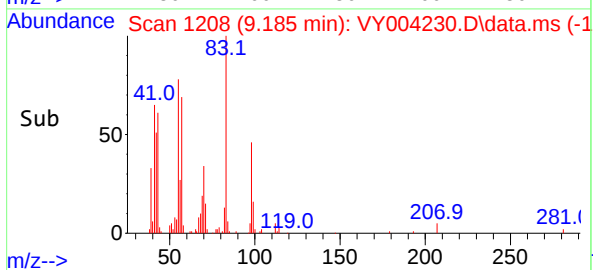
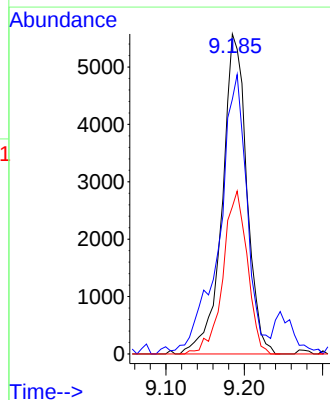
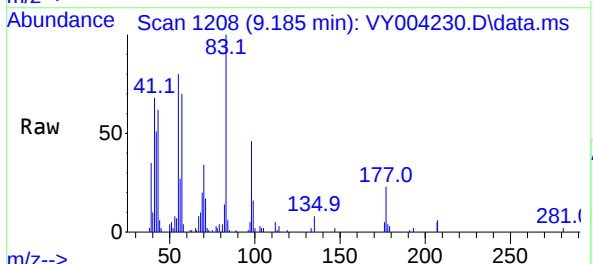
Instrument :
MSVOA_Y
ClientSampled :
IBLK

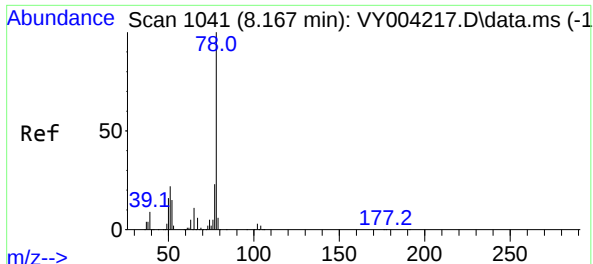
Tgt Ion:113 Resp: 124310
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.5 16.4 24.6



#39
Methylcyclohexane
Concen: 1.99 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

Tgt Ion: 83 Resp: 12127
Ion Ratio Lower Upper
83 100
55 76.9 60.0 90.0
98 46.0 40.2 60.2

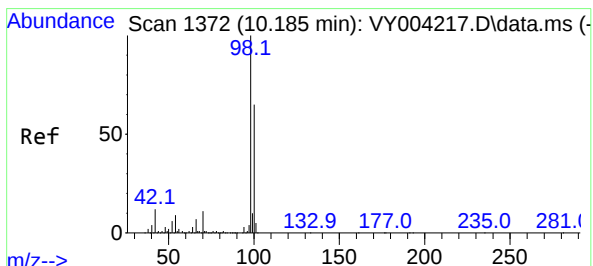
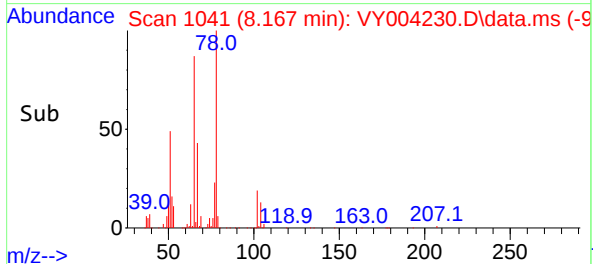
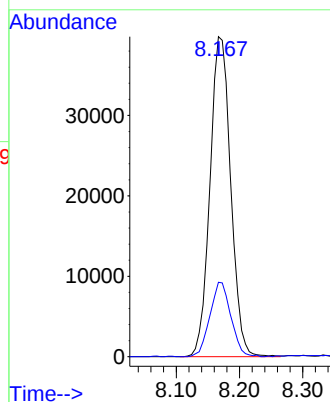
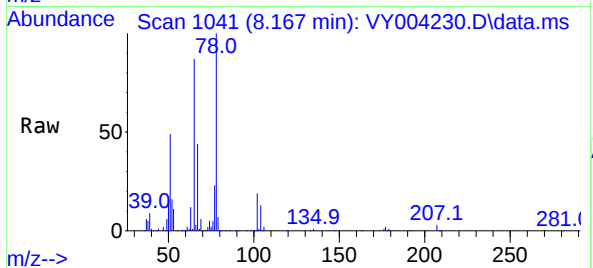




#40
Benzene
Concen: 6.51 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

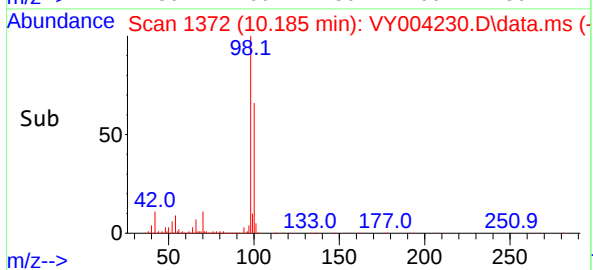
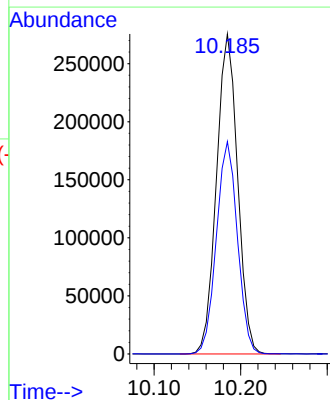
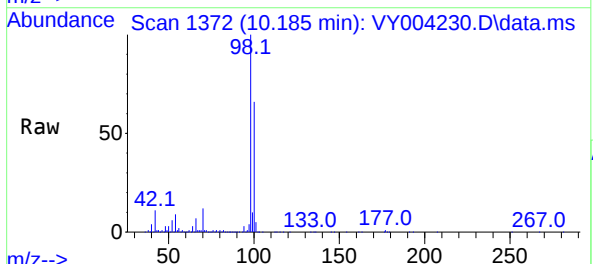
Instrument :
MSVOA_Y
ClientSampled :
IBLK

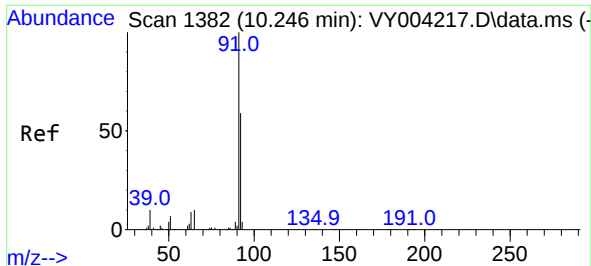
Tgt Ion: 78 Resp: 90553
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5



#50
Toluene-d8
Concen: 41.42 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

Tgt Ion: 98 Resp: 466844
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7

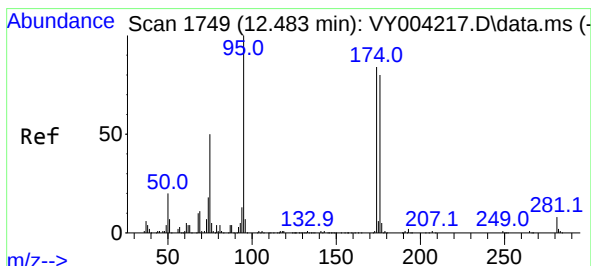
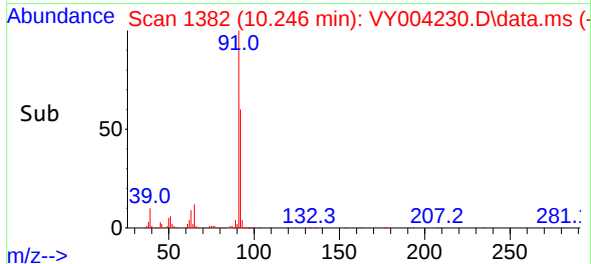
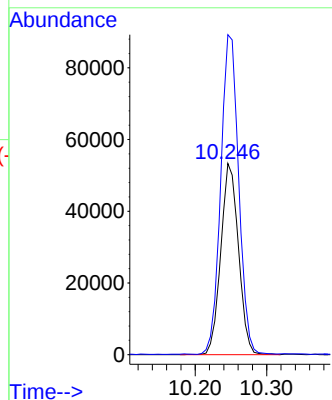
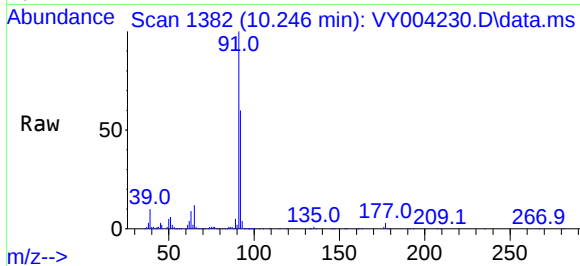




#52
Toluene
Concen: 10.21 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

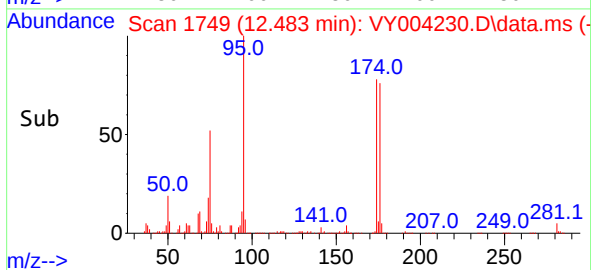
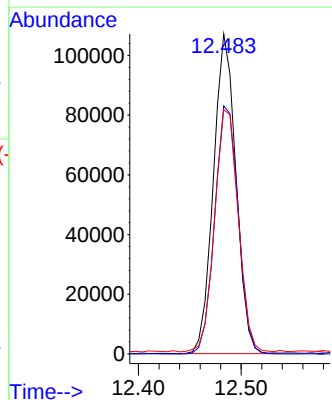
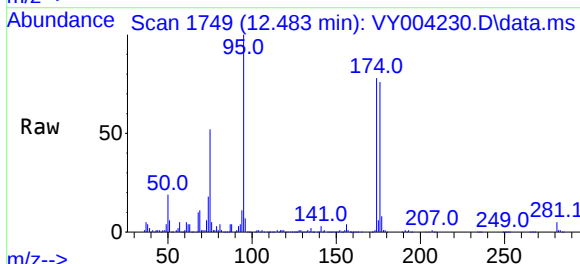
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ClientSampled :
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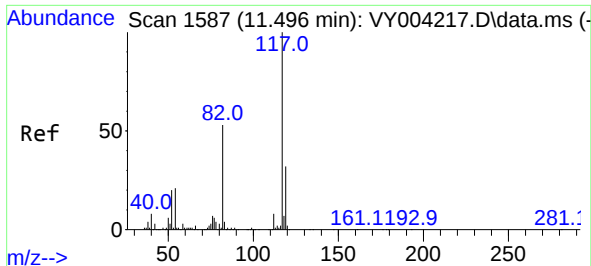
Tgt Ion: 92 Resp: 91381
Ion Ratio Lower Upper
92 100
91 169.8 136.0 204.0



#62
4-Bromofluorobenzene
Concen: 42.20 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

Tgt Ion: 95 Resp: 163030
Ion Ratio Lower Upper
95 100
174 81.1 0.0 171.4
176 79.1 0.0 165.6

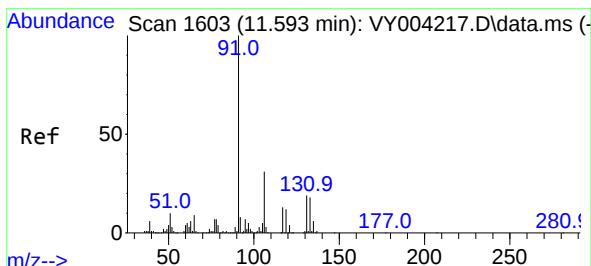
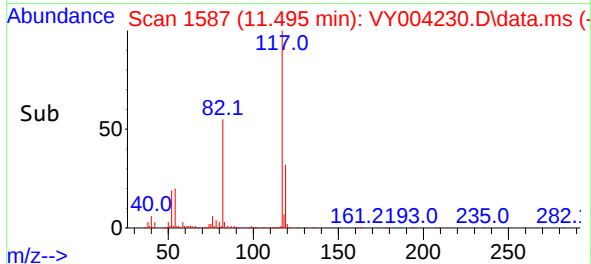
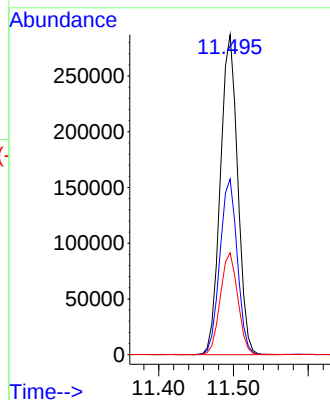
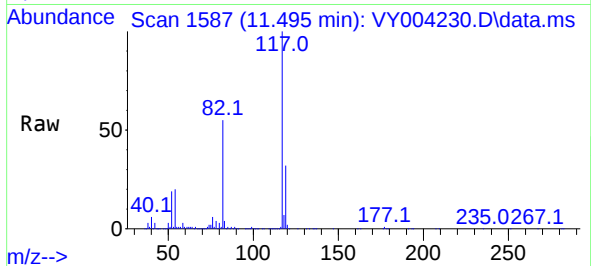




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

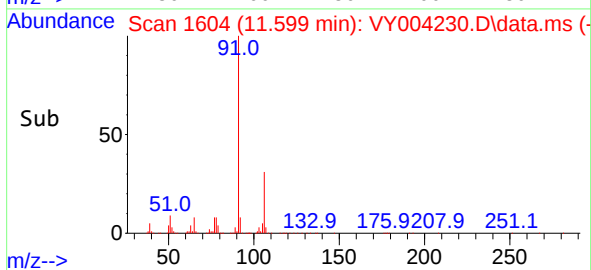
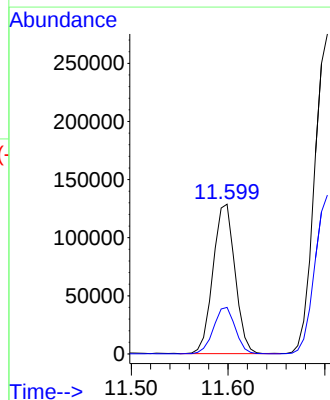
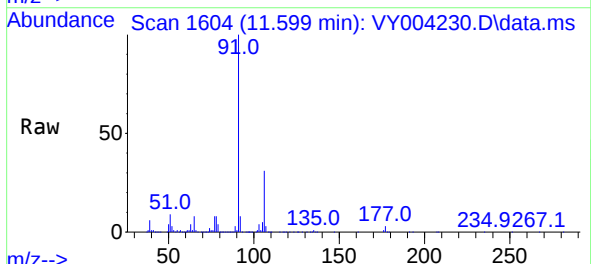
Instrument :
MSVOA_Y
ClientSampleId :
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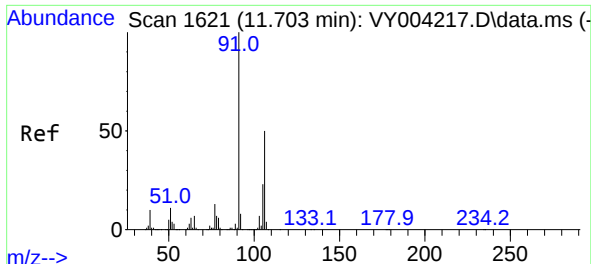
Tgt Ion:117 Resp: 462732
Ion Ratio Lower Upper
117 100
82 54.8 42.7 64.1
119 31.8 25.7 38.5



#67
Ethyl Benzene
Concen: 12.10 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

Tgt Ion: 91 Resp: 202754
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

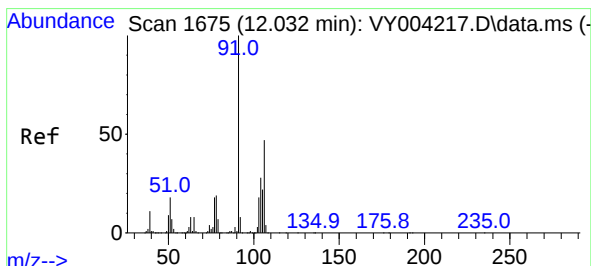
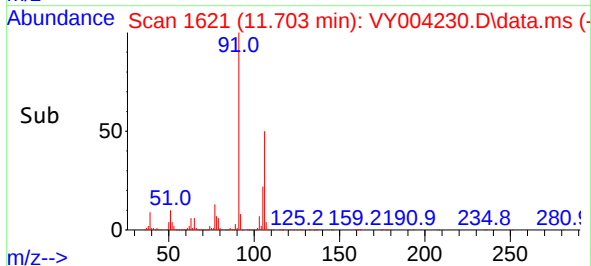
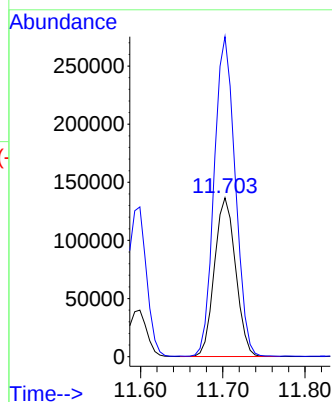
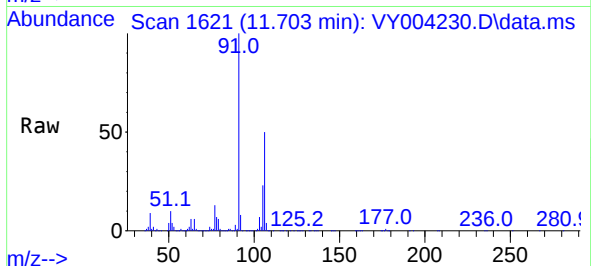




#68
m/p-Xylenes
Concen: 37.85 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

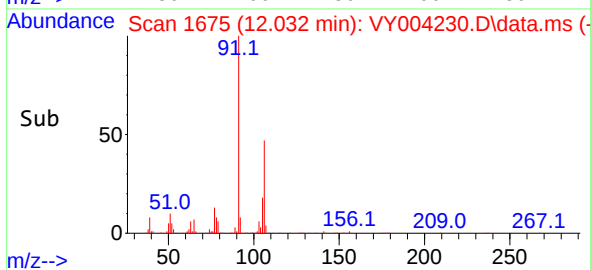
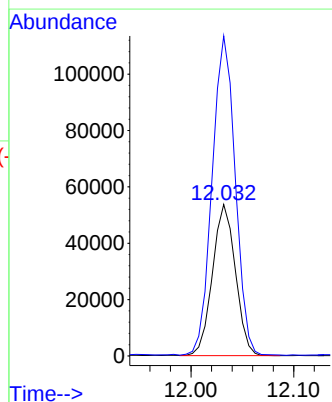
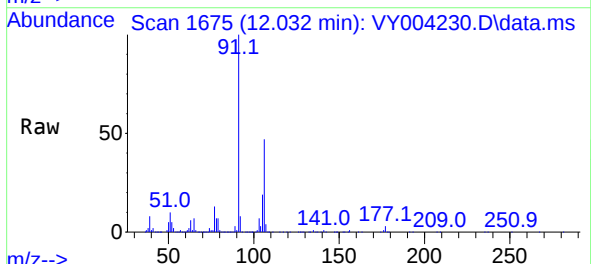
Instrument :
MSVOA_Y
ClientSampled :
IBLK

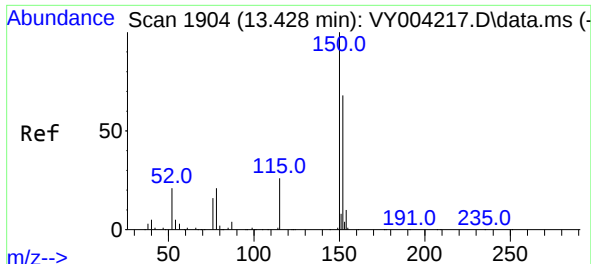
Tgt Ion:106 Resp: 243528
Ion Ratio Lower Upper
106 100
91 200.7 159.8 239.6



#69
o-Xylene
Concen: 13.77 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

Tgt Ion:106 Resp: 82881
Ion Ratio Lower Upper
106 100
91 213.2 105.6 316.8

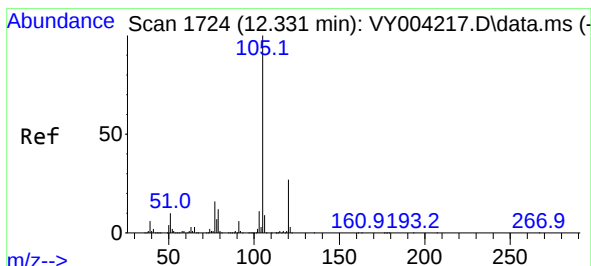
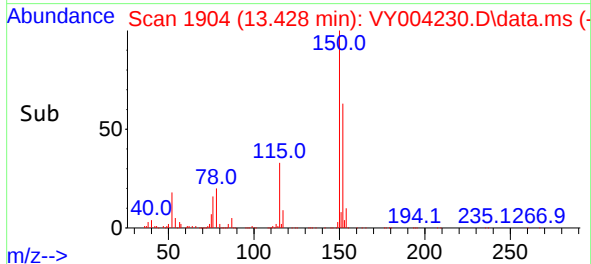
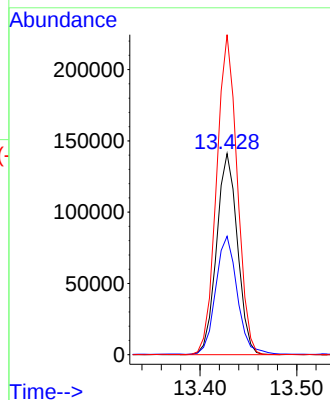
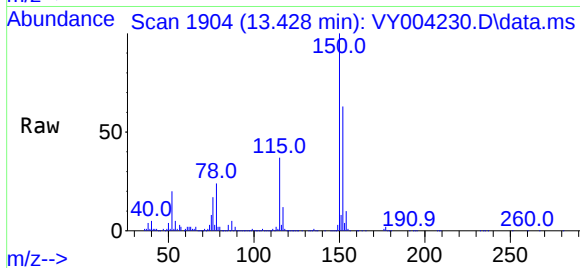




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

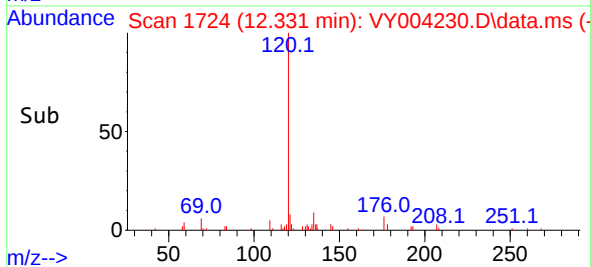
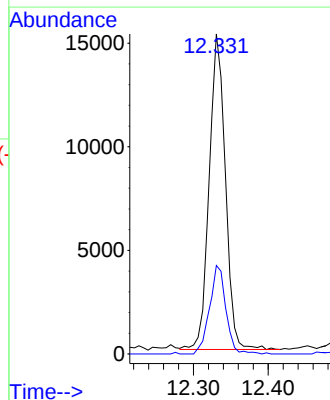
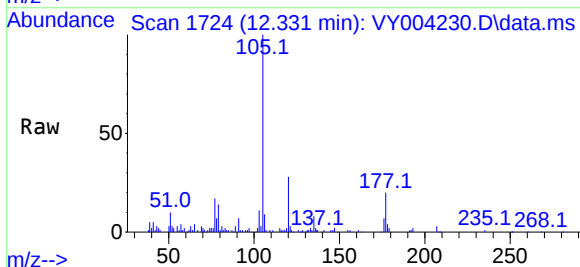
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

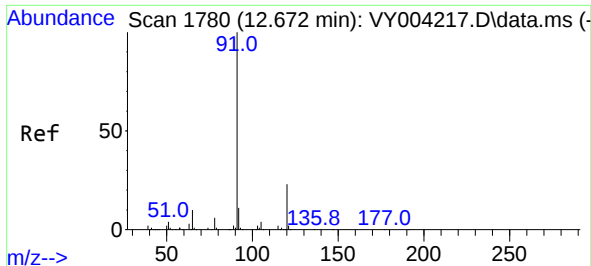
Tgt Ion:152 Resp: 211263
Ion Ratio Lower Upper
152 100
115 60.6 29.0 87.1
150 157.2 0.0 347.4



#73
Isopropylbenzene
Concen: 1.49 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

Tgt Ion:105 Resp: 22962
Ion Ratio Lower Upper
105 100
120 28.3 13.7 41.0

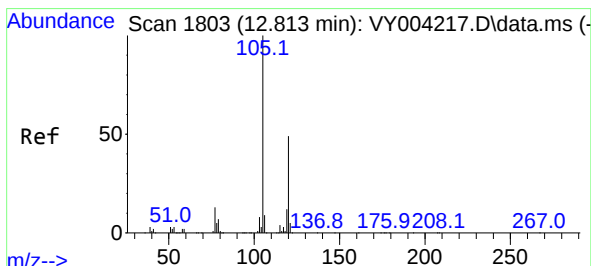
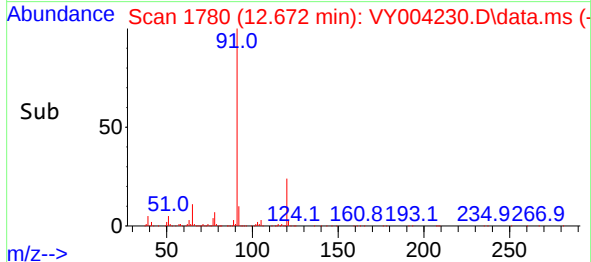
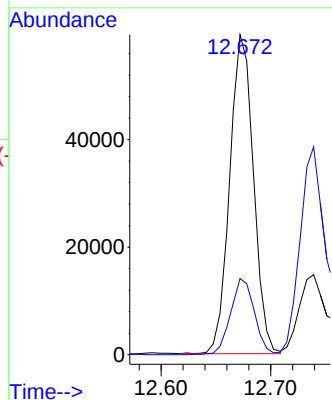
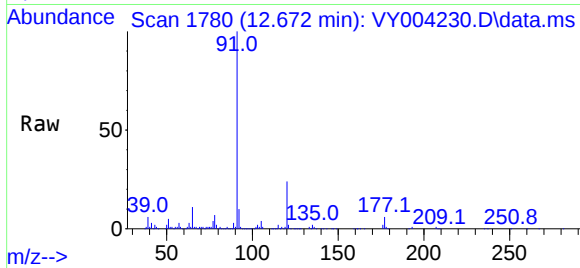




#78
n-propylbenzene
Concen: 5.01 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

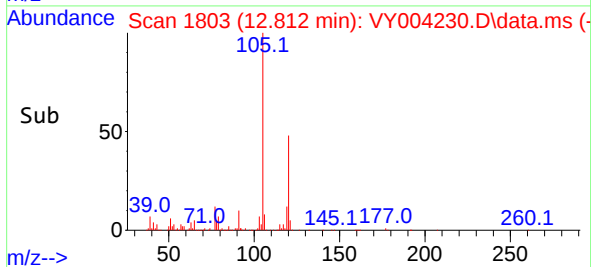
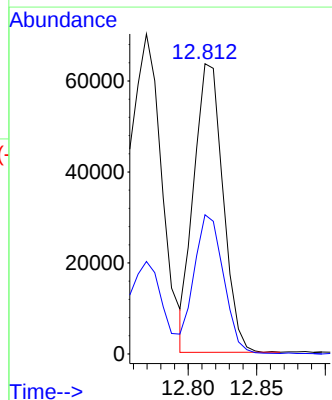
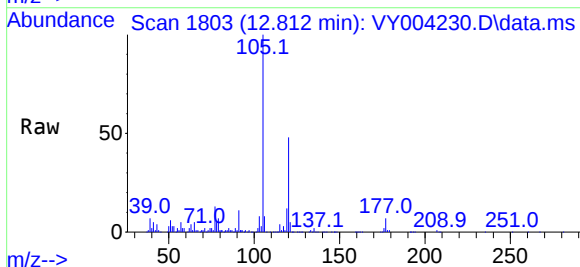
Instrument :
MSVOA_Y
ClientSampled :
IBLK

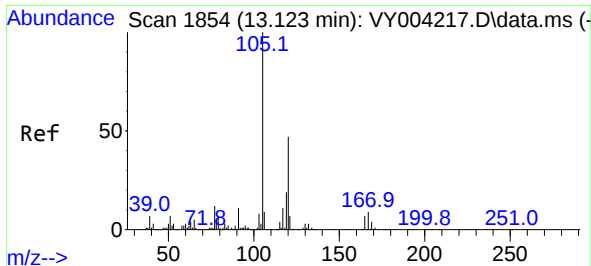
Tgt Ion: 91 Resp: 89422
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 7.46 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

Tgt Ion: 105 Resp: 93900
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.7

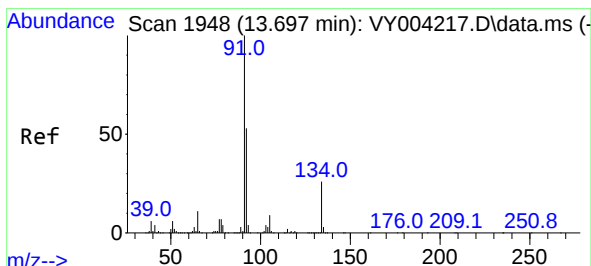
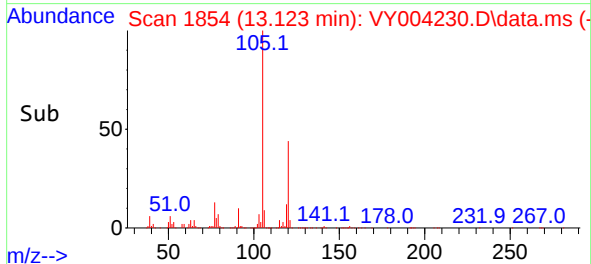
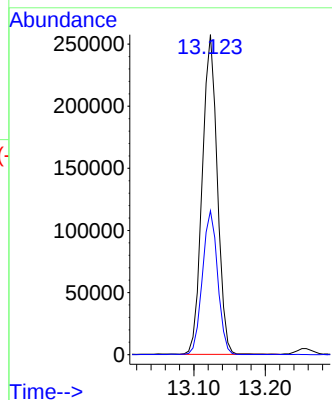
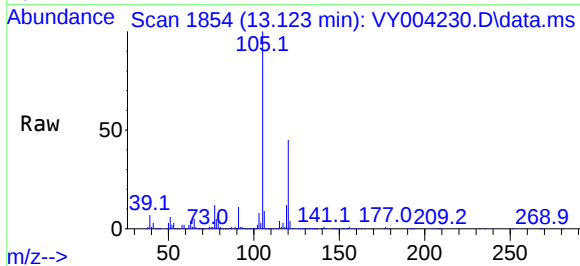




#84
1,2,4-Trimethylbenzene
Concen: 29.76 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

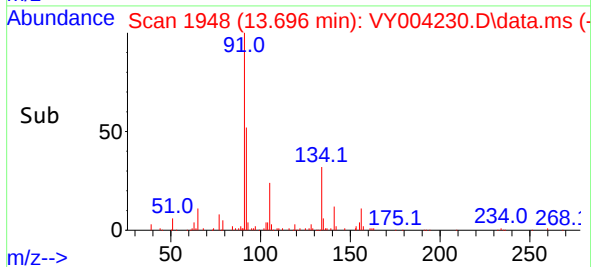
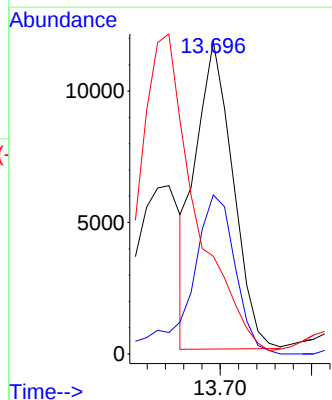
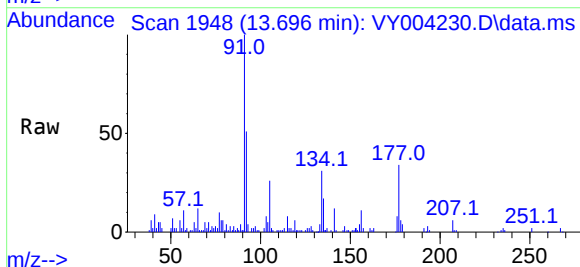
Instrument :
MSVOA_Y
ClientSampled :
IBLK

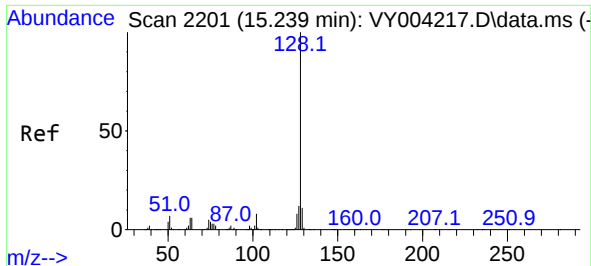
Tgt Ion:105 Resp: 375799
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.7



#89
n-Butylbenzene
Concen: 1.29 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

Tgt Ion: 91 Resp: 16558
Ion Ratio Lower Upper
91 100
92 61.3 26.5 79.4
134 0.0 13.6 40.7#





#95
Naphthalene
Concen: 20.16 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004230.D
Acq: 30 Mar 2021 13:18

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 183951
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.2 8.9 13.3

