

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004836.D
 Acq On : 18 May 2021 18:57
 Operator : SY/MD
 Sample : M2436-04
 Misc : 6.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2A

Quant Time: May 19 01:06:35 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)

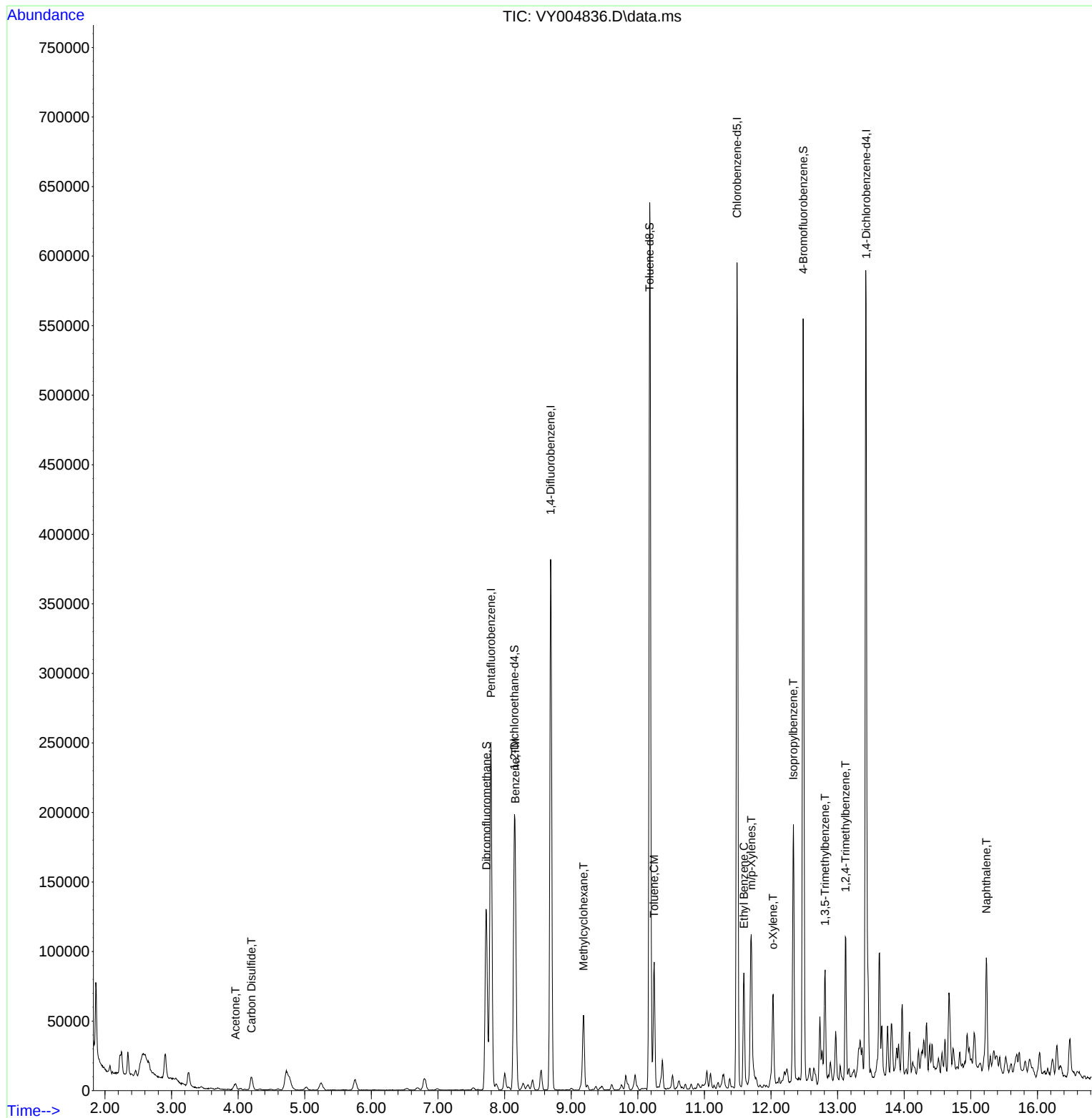
Internal Standards						
1) Pentafluorobenzene	7.795	168	169674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	311298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	301914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122076	60.44	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.88%	
35) Dibromofluoromethane	7.728	113	90999	53.40	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.80%	
50) Toluene-d8	10.179	98	391904	50.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.82%	
62) 4-Bromofluorobenzene	12.483	95	140207	53.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.92%	
Target Compounds						
						Qvalue
16) Acetone	3.960	43	5999	13.22	ug/l	98
17) Carbon Disulfide	4.198	76	18813	3.67	ug/l #	88
39) Methylcyclohexane	9.185	83	20517	5.90	ug/l	98
40) Benzene	8.161	78	72192	8.00	ug/l	97
52) Toluene	10.246	92	35778	6.28	ug/l	100
67) Ethyl Benzene	11.593	91	54119	4.69	ug/l	97
68) m/p-Xylenes	11.703	106	30471	7.02	ug/l	99
69) o-Xylene	12.032	106	16245	4.01	ug/l	99
73) Isopropylbenzene	12.337	105	13102	1.25	ug/l	82
80) 1,3,5-Trimethylbenzene	12.812	105	29166	3.35	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	53104	6.09	ug/l	99
95) Naphthalene	15.233	128	61873	10.82	ug/l	99

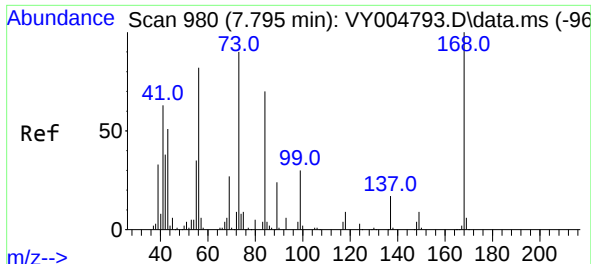
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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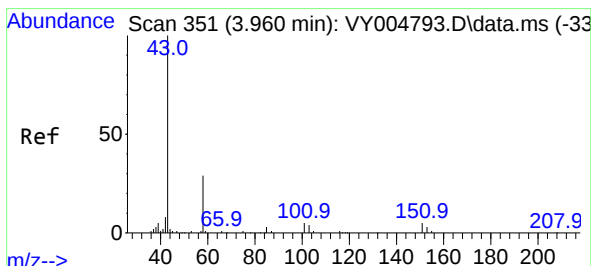
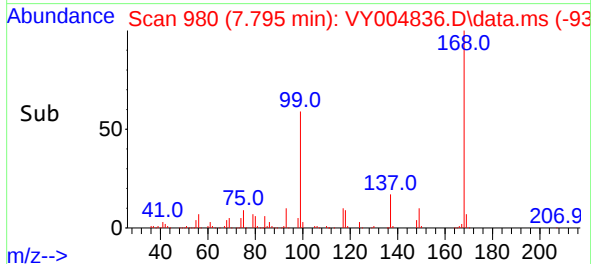
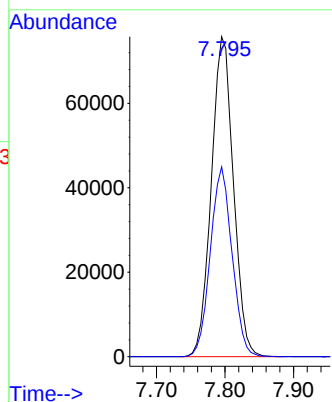
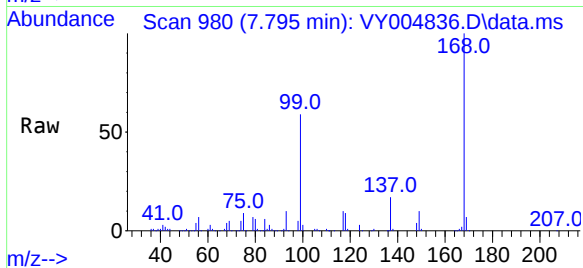




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

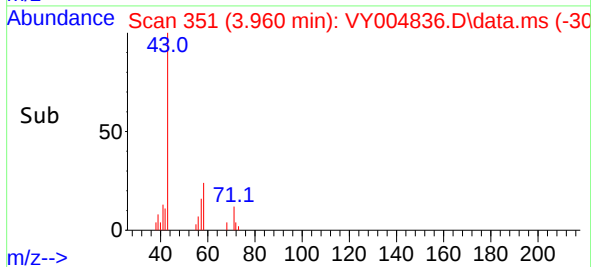
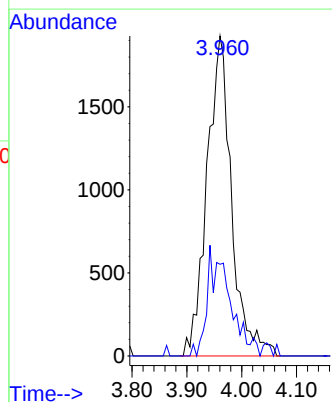
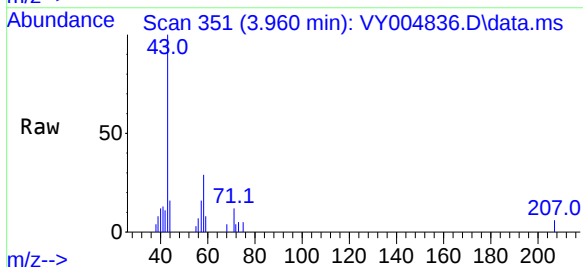
Instrument :
MSVOA_Y
ClientSampled :
TP-2A

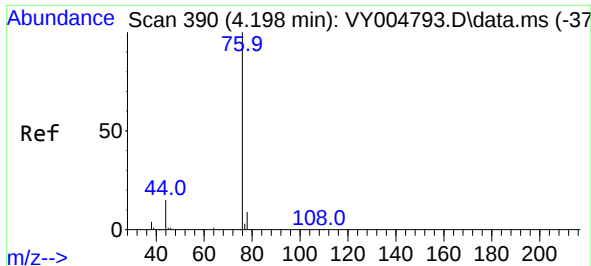
Tgt Ion:168 Resp: 169674
Ion Ratio Lower Upper
168 100
99 59.3 45.6 68.4



#16
Acetone
Concen: 13.22 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

Tgt Ion: 43 Resp: 5999
Ion Ratio Lower Upper
43 100
58 28.6 23.6 35.4

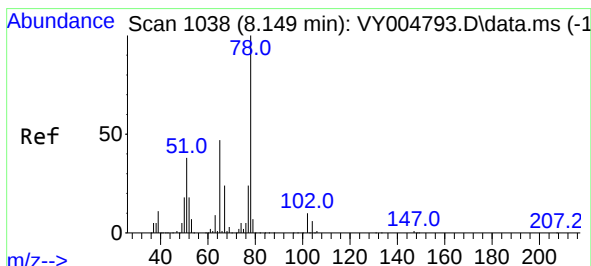
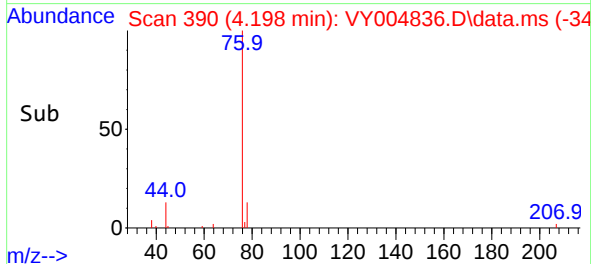
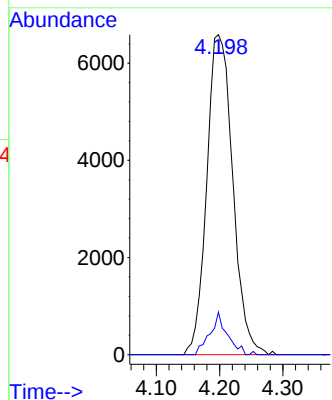
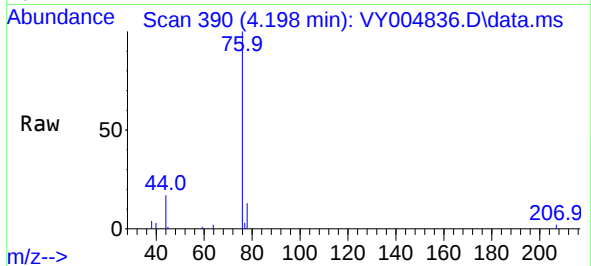




#17
Carbon Disulfide
Concen: 3.67 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

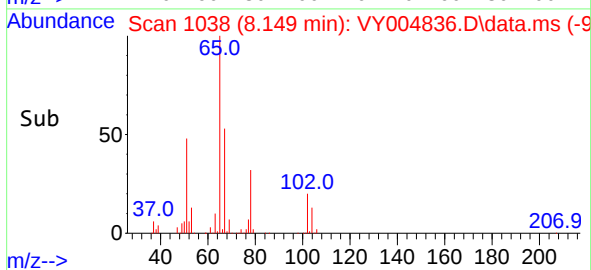
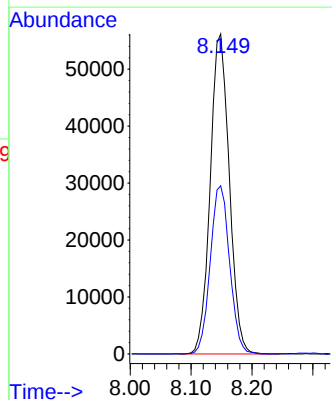
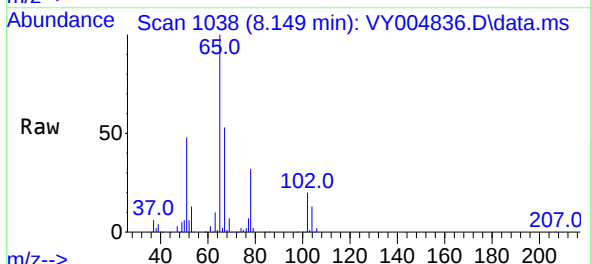
Instrument :
MSVOA_Y
ClientSampleId :
TP-2A

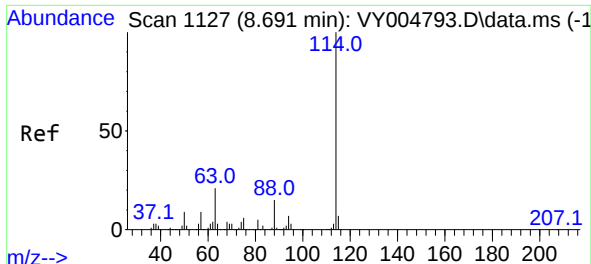
Tgt Ion: 76 Resp: 18813
Ion Ratio Lower Upper
76 100
78 13.3 7.2 10.8#



#33
1,2-Dichloroethane-d4
Concen: 60.44 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

Tgt Ion: 65 Resp: 122076
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.0



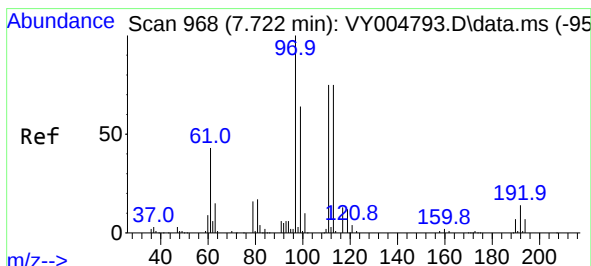
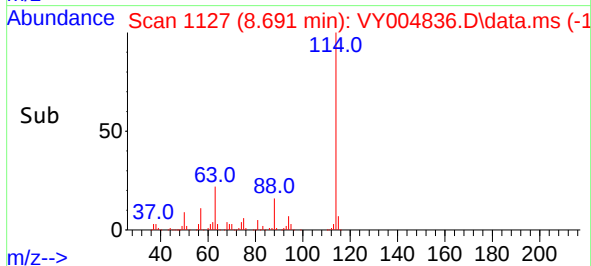
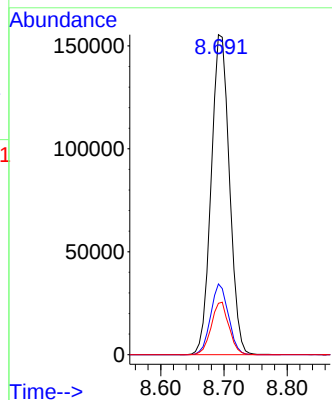
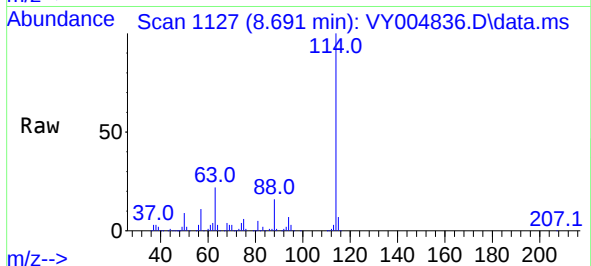


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

Instrument :
MSVOA_Y
ClientSampled :
TP-2A

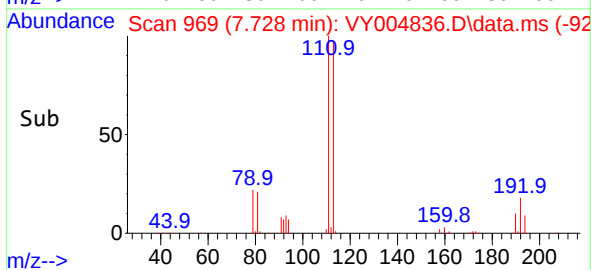
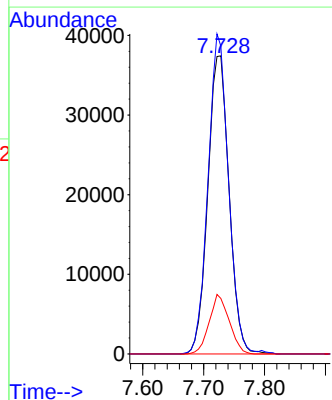
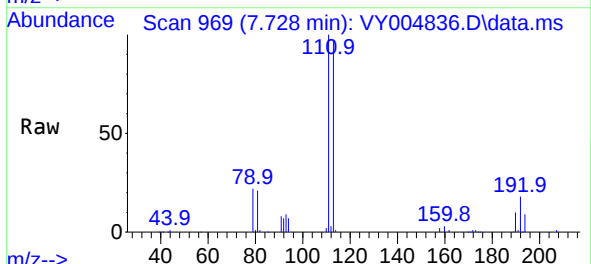
Tgt Ion:	114	Resp:	311298
Ion Ratio	Lower	Upper	
114	100		
63	22.1	0.0	42.8
88	16.0	0.0	31.0

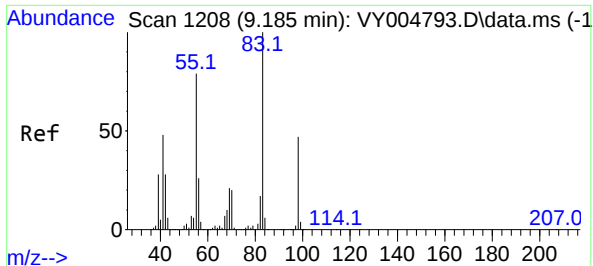


#35

Dibromofluoromethane
Concen: 53.40 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

Tgt Ion:	113	Resp:	90999
Ion Ratio	Lower	Upper	
113	100		
111	102.8	80.5	120.7
192	18.7	15.0	22.6

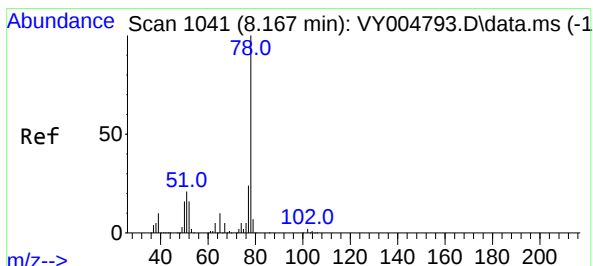
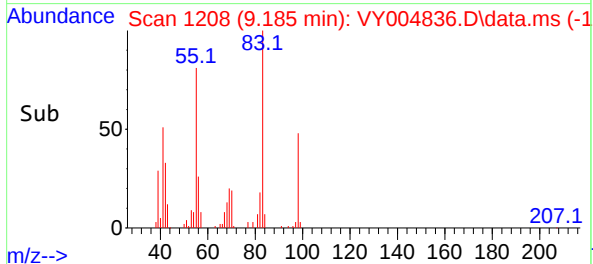
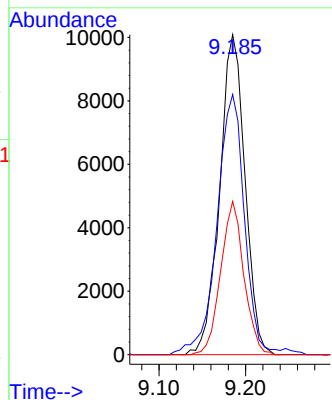
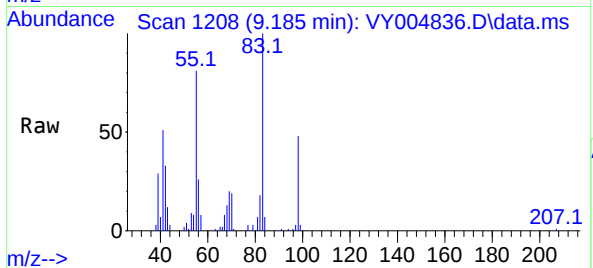




#39
Methylcyclohexane
Concen: 5.90 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

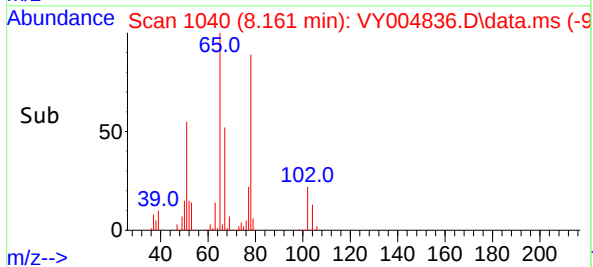
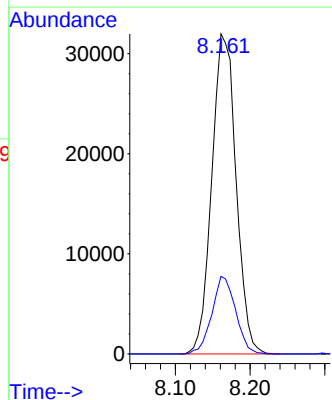
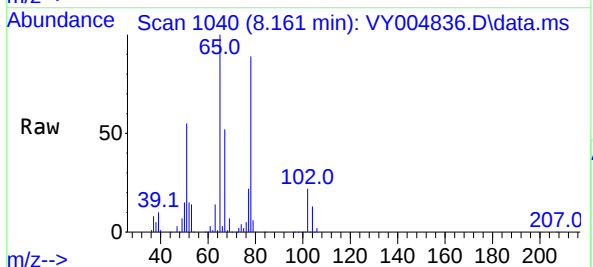
Instrument :
MSVOA_Y
ClientSampled :
TP-2A

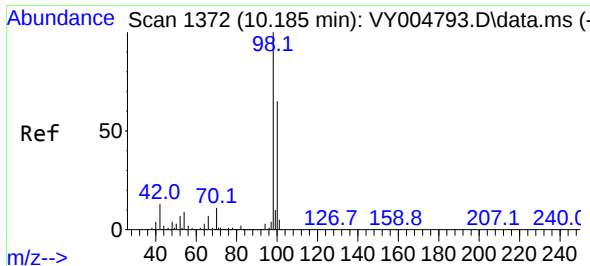
Tgt Ion: 83 Resp: 20517
Ion Ratio Lower Upper
83 100
55 80.0 62.6 94.0
98 47.9 37.8 56.6



#40
Benzene
Concen: 8.00 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

Tgt Ion: 78 Resp: 72192
Ion Ratio Lower Upper
78 100
77 24.2 18.4 27.6

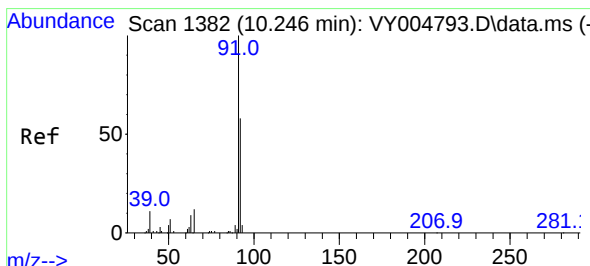
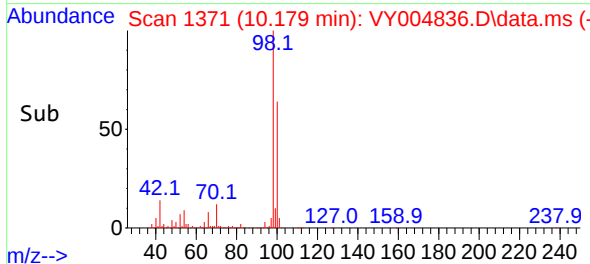
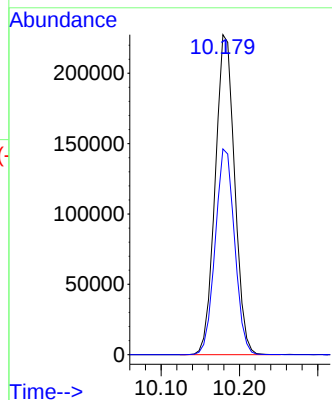
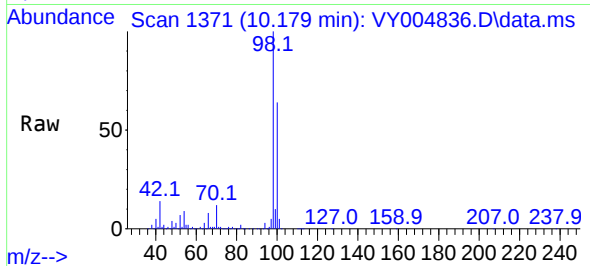




#50
Toluene-d8
Concen: 50.91 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

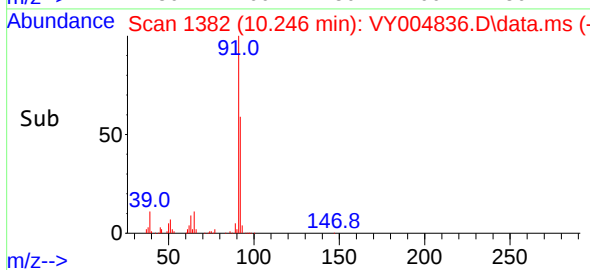
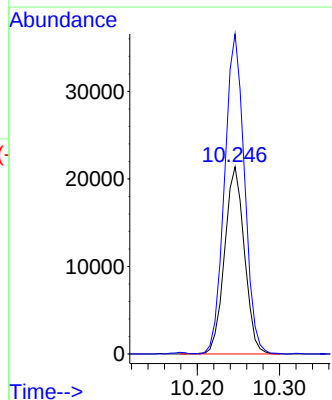
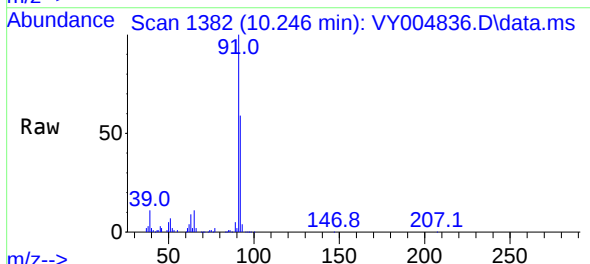
Instrument :
MSVOA_Y
ClientSampled :
TP-2A

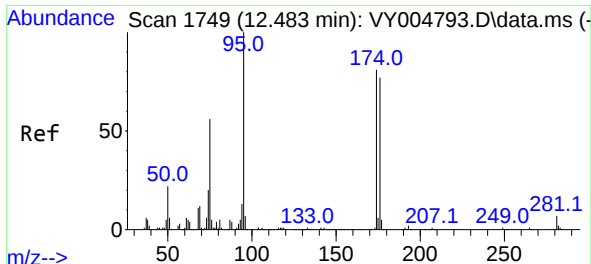
Tgt Ion: 98 Resp: 391904
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#52
Toluene
Concen: 6.28 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

Tgt Ion: 92 Resp: 35778
Ion Ratio Lower Upper
92 100
91 172.2 138.2 207.4



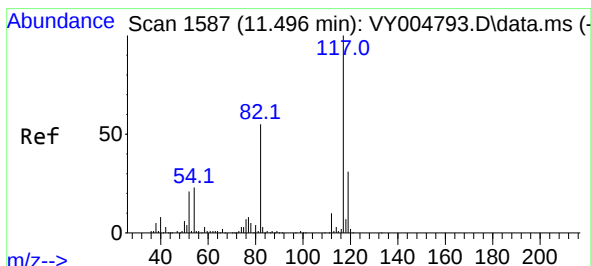
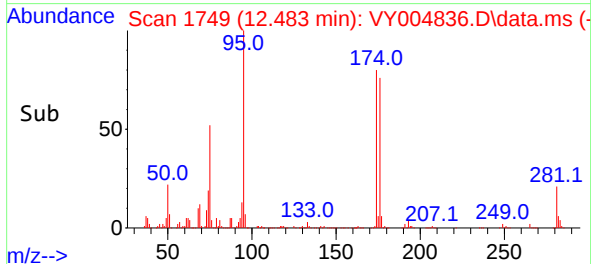
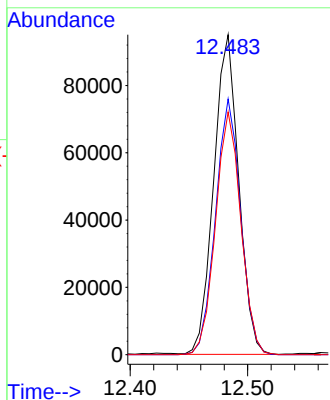
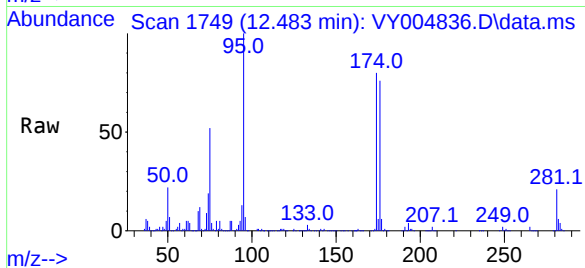


#62
4-Bromofluorobenzene
Concen: 53.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

Instrument :
MSVOA_Y
ClientSampled :
TP-2A

Tgt Ion: 95 Resp: 140207

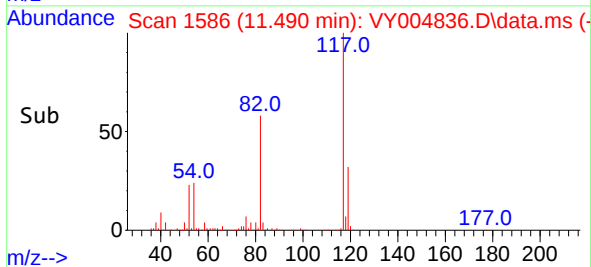
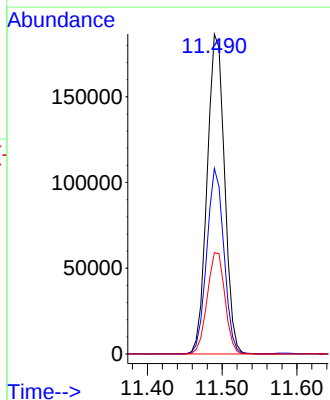
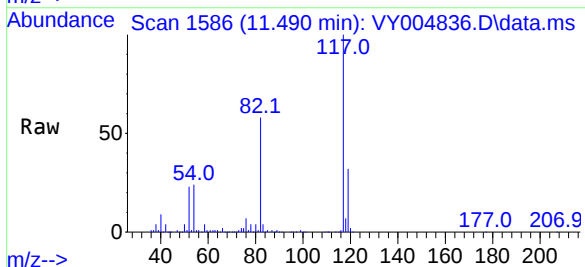
Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	164.2
176	77.0	0.0	159.0

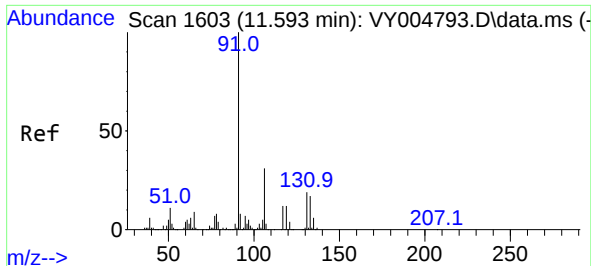


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

Tgt Ion: 117 Resp: 301914

Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.4	68.2
119	31.6	25.8	38.6

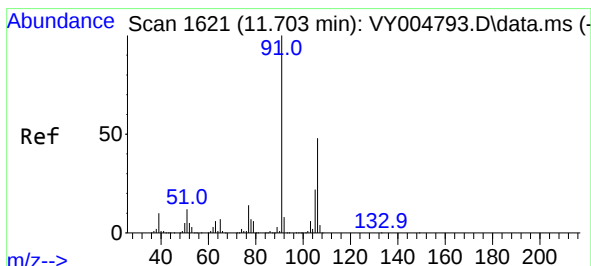
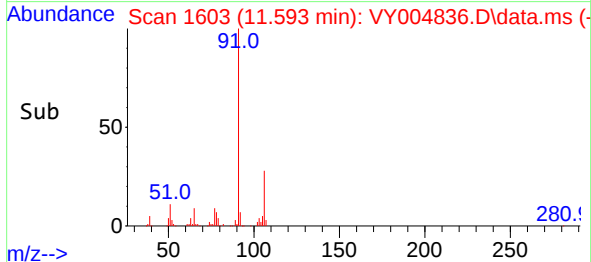
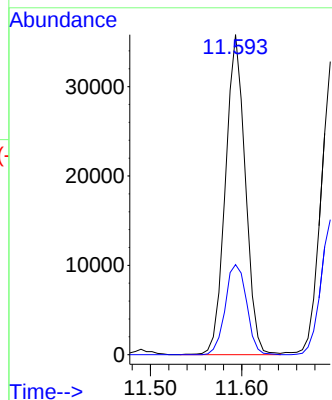
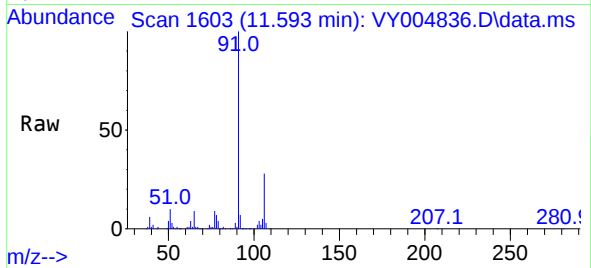




#67
Ethyl Benzene
Concen: 4.69 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

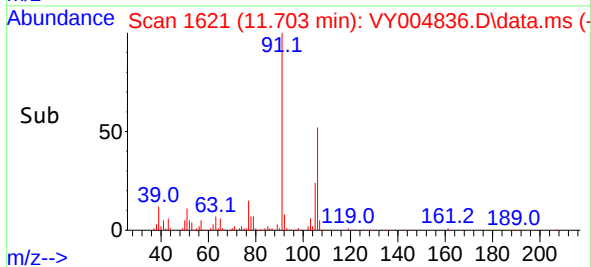
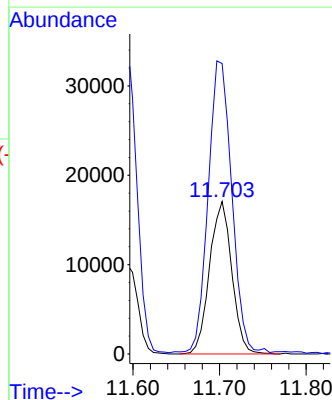
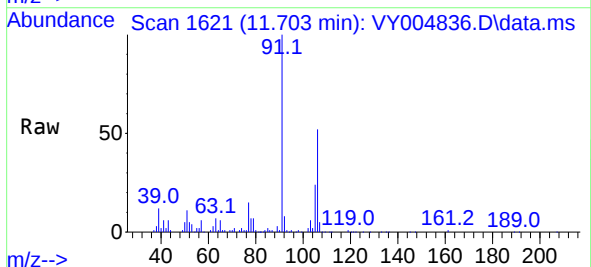
Instrument :
MSVOA_Y
ClientSampled :
TP-2A

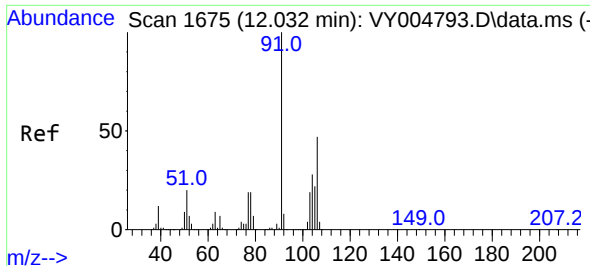
Tgt Ion: 91 Resp: 54119
Ion Ratio Lower Upper
91 100
106 28.2 24.0 36.0



#68
m/p-Xylenes
Concen: 7.02 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

Tgt Ion: 106 Resp: 30471
Ion Ratio Lower Upper
106 100
91 202.9 163.6 245.4

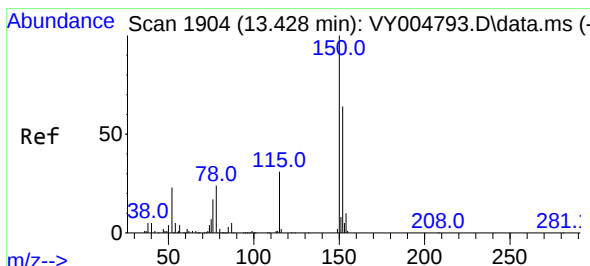
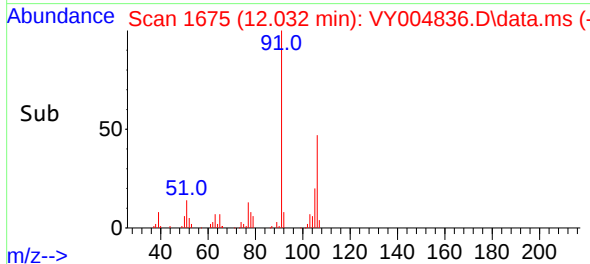
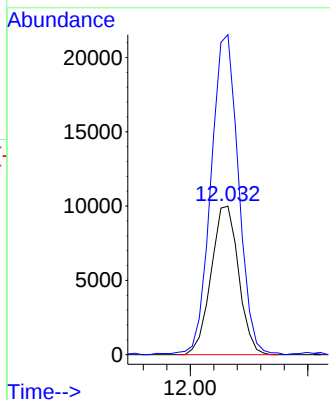
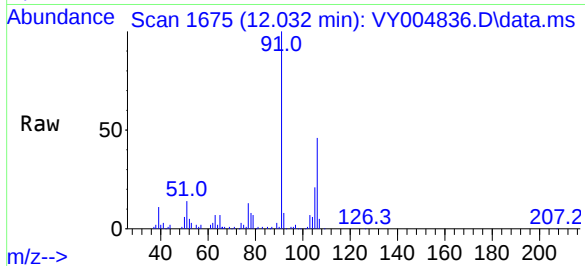




#69
o-Xylene
Concen: 4.01 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

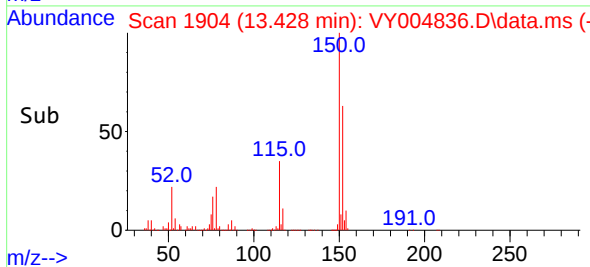
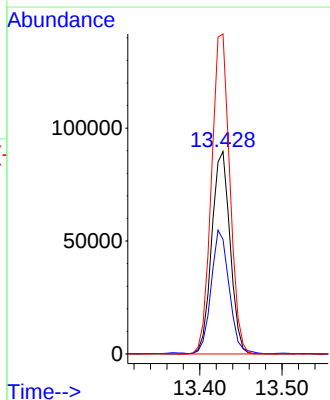
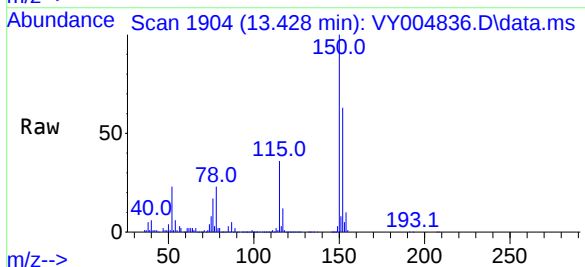
Instrument :
MSVOA_Y
ClientSampled :
TP-2A

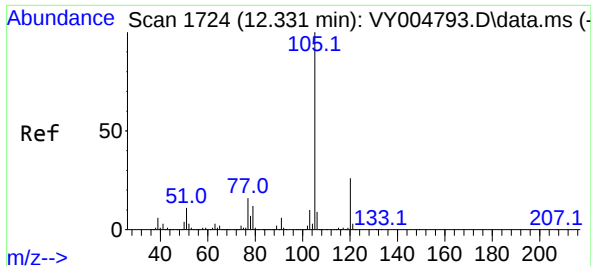
Tgt Ion:106 Resp: 16245
Ion Ratio Lower Upper
106 100
91 216.1 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

Tgt Ion:152 Resp: 139135
Ion Ratio Lower Upper
152 100
115 59.9 29.4 88.3
150 158.1 0.0 349.8

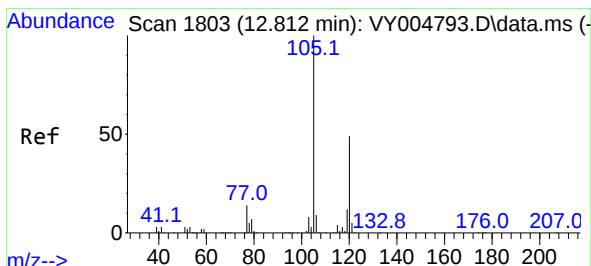
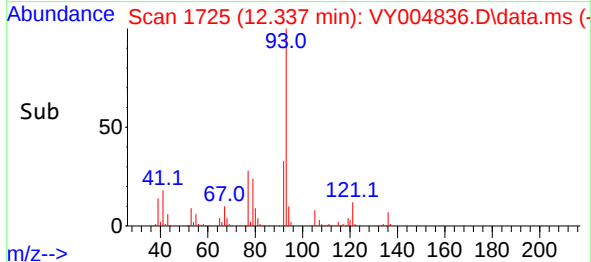
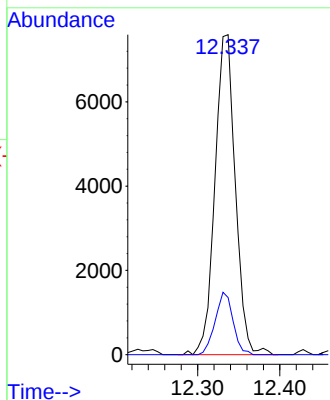
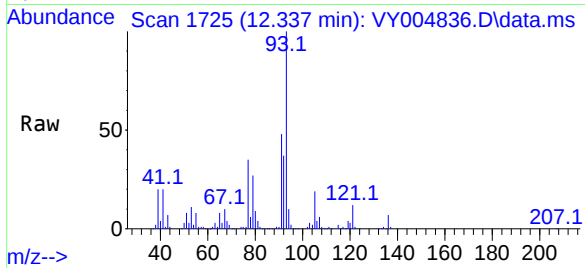




#73
Isopropylbenzene
Concen: 1.25 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

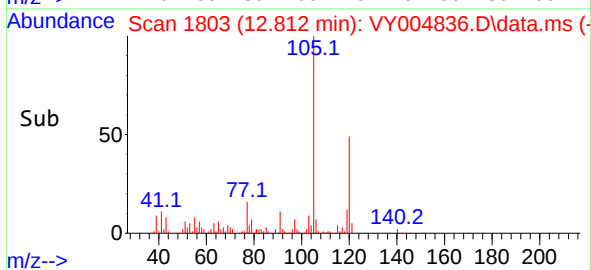
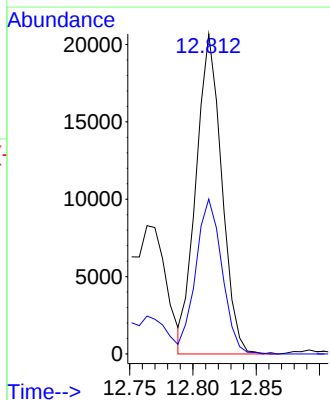
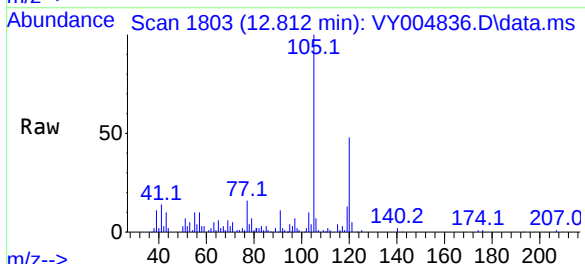
Instrument :
MSVOA_Y
ClientSampled :
TP-2A

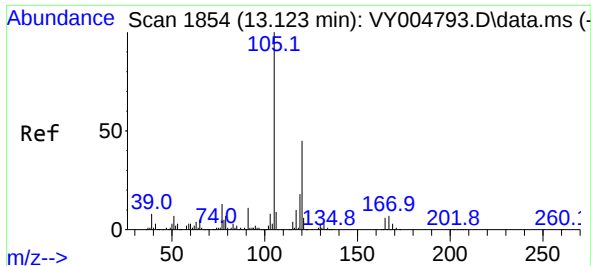
Tgt Ion:105 Resp: 13102
Ion Ratio Lower Upper
105 100
120 17.1 13.1 39.1



#80
1,3,5-Trimethylbenzene
Concen: 3.35 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

Tgt Ion:105 Resp: 29166
Ion Ratio Lower Upper
105 100
120 49.7 24.0 72.0

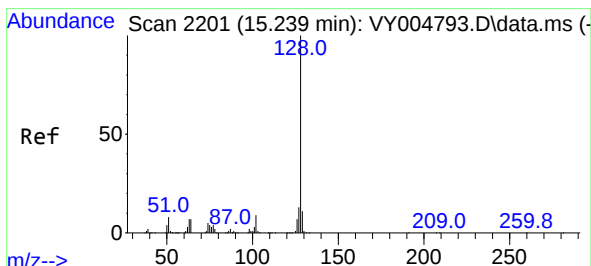
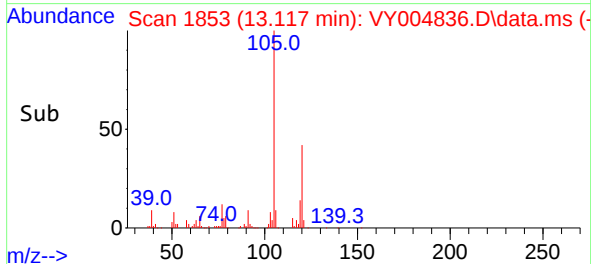
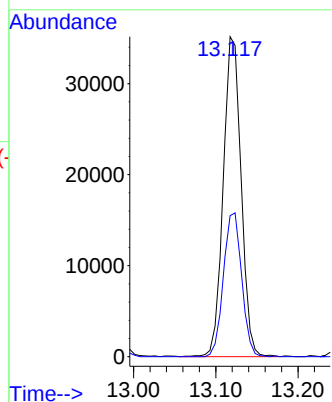
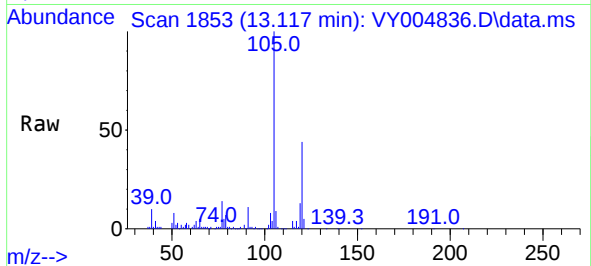




#84
1,2,4-Trimethylbenzene
Concen: 6.09 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

Instrument :
MSVOA_Y
ClientSampled :
TP-2A

Tgt Ion:105 Resp: 53104
Ion Ratio Lower Upper
105 100
120 45.8 22.5 67.5



#95
Naphthalene
Concen: 10.82 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004836.D
Acq: 18 May 2021 18:57

Tgt Ion:128 Resp: 61873
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.2 8.6 13.0

