

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004935.D
 Acq On : 03 Jun 2021 14:40
 Operator : SY/MD
 Sample : M2589-05
 Misc : 8.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B8(2-4)

Quant Time: Jun 04 01:15:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

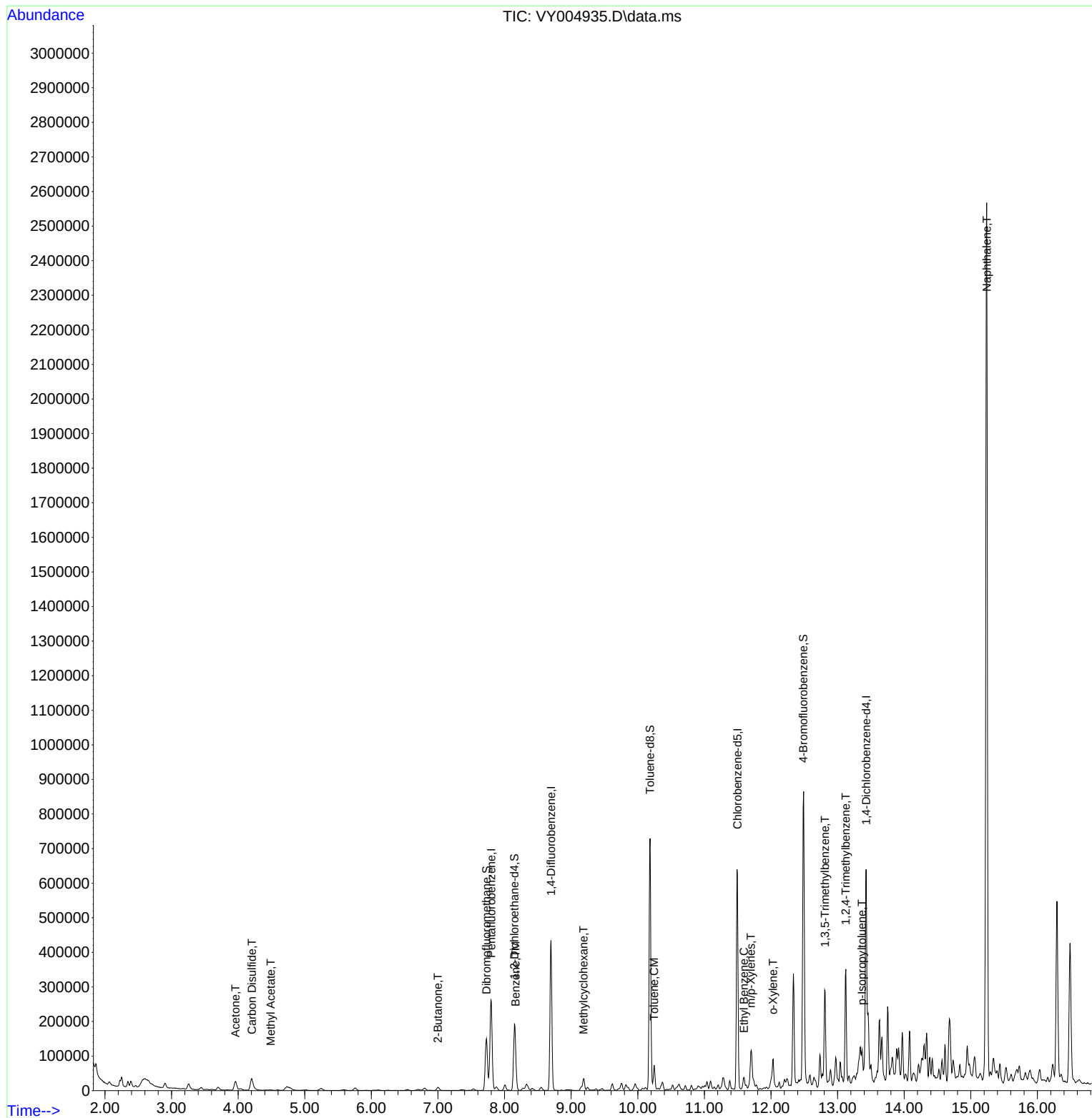
Internal Standards						
1) Pentafluorobenzene	7.801	168	195948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	355051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	338153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133242	64.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.640%	
35) Dibromofluoromethane	7.728	113	109011	57.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.140%	
50) Toluene-d8	10.185	98	463410	58.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.820%	
62) 4-Bromofluorobenzene	12.483	95	152374	55.847	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.700%	
Target Compounds						Qvalue
16) Acetone	3.960	43	45124	90.489	ug/l	99
17) Carbon Disulfide	4.204	76	61883	9.993	ug/l	96
18) Methyl Acetate	4.491	43	1925	1.205	ug/l #	88
25) 2-Butanone	6.996	43	15576	18.576	ug/l	93
39) Methylcyclohexane	9.185	83	11838	3.084	ug/l	87
40) Benzene	8.167	78	33354	3.355	ug/l	99
52) Toluene	10.246	92	28859	4.797	ug/l	96
67) Ethyl Benzene	11.593	91	18689	1.509	ug/l	95
68) m/p-Xylenes	11.697	106	27868	6.007	ug/l	99
69) o-Xylene	12.032	106	20190	4.674	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	71747	7.876	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	172686	19.074	ug/l	99
86) p-Isopropyltoluene	13.367	119	31755	3.300	ug/l	95
95) Naphthalene	15.239	128	2039511	355.984	ug/l	100

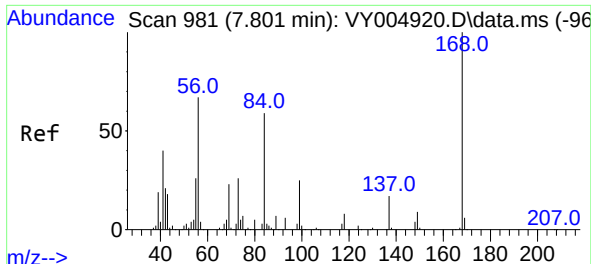
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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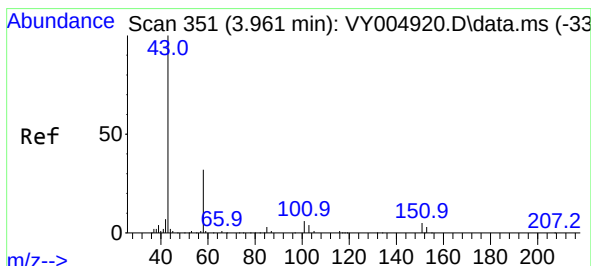
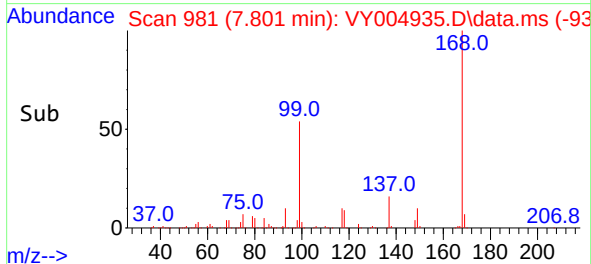
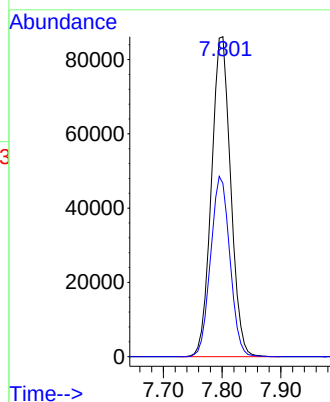
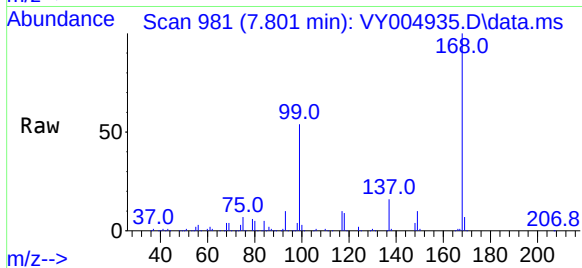




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

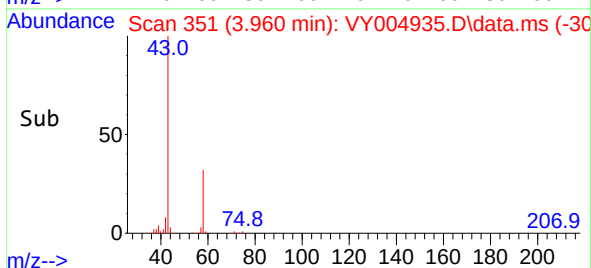
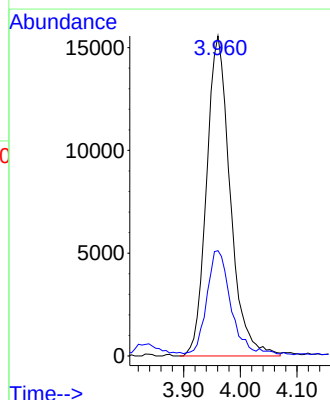
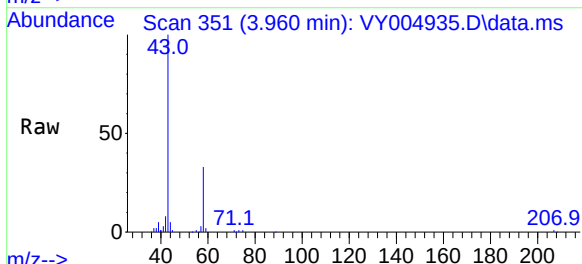
Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)

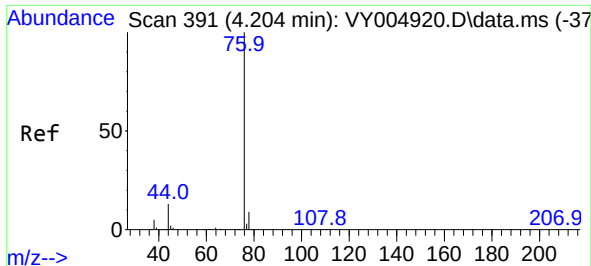
Tgt Ion:168 Resp: 195948
Ion Ratio Lower Upper
168 100
99 54.1 43.9 65.9



#16
Acetone
Concen: 90.489 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

Tgt Ion: 43 Resp: 45124
Ion Ratio Lower Upper
43 100
58 32.3 25.3 37.9

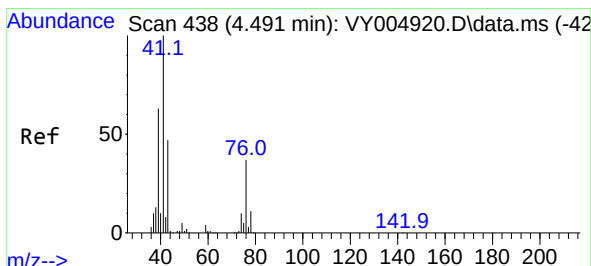
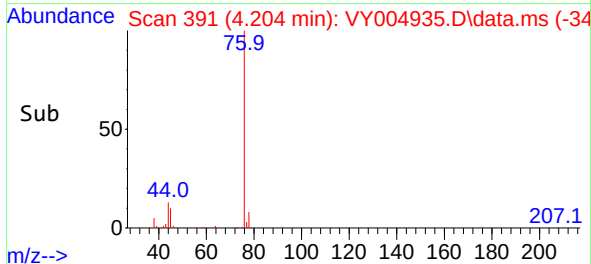
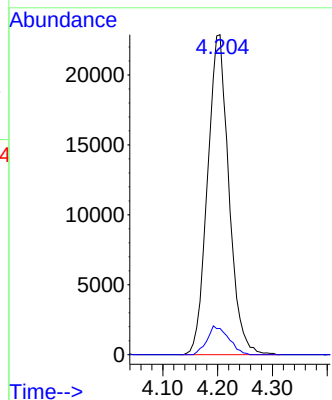
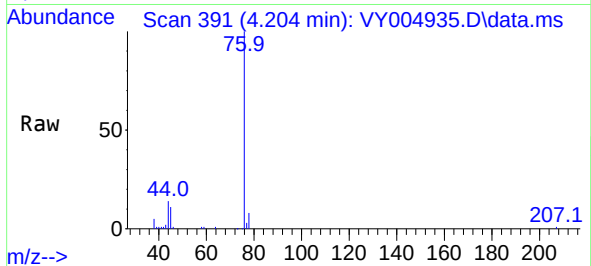




#17
Carbon Disulfide
Concen: 9.993 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

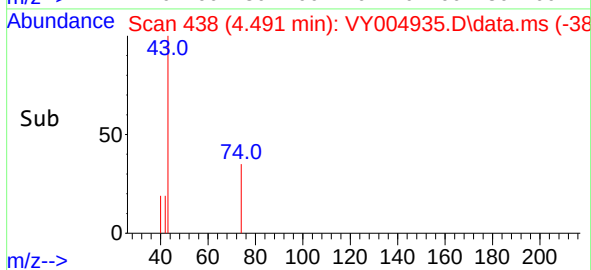
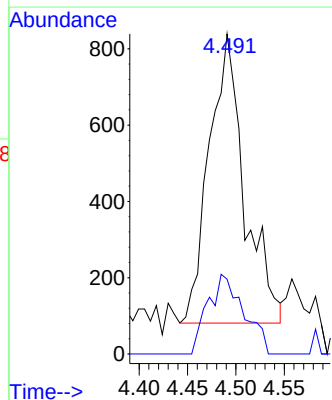
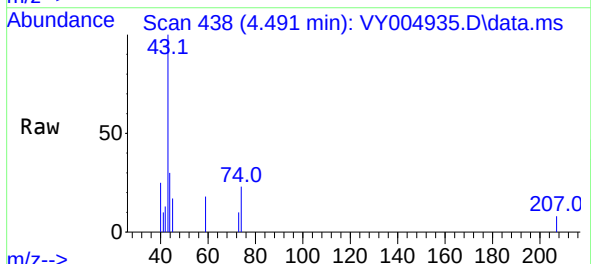
Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)

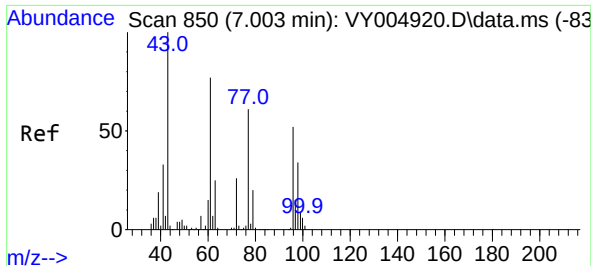
Tgt Ion: 76 Resp: 61883
Ion Ratio Lower Upper
76 100
78 8.2 7.6 11.4



#18
Methyl Acetate
Concen: 1.205 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

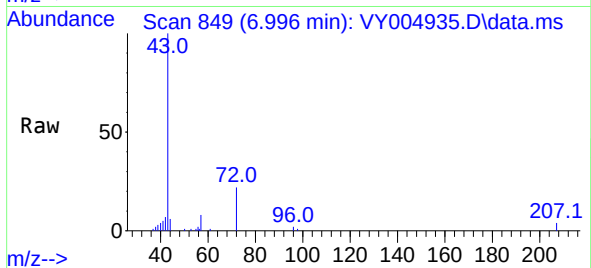
Tgt Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
74 28.1 18.0 27.0#



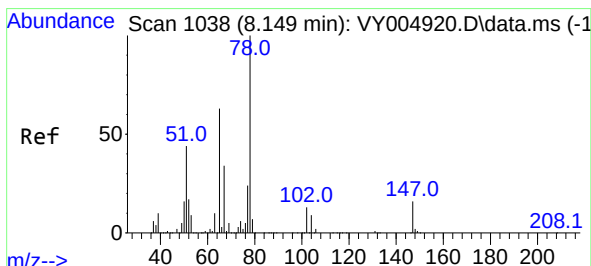
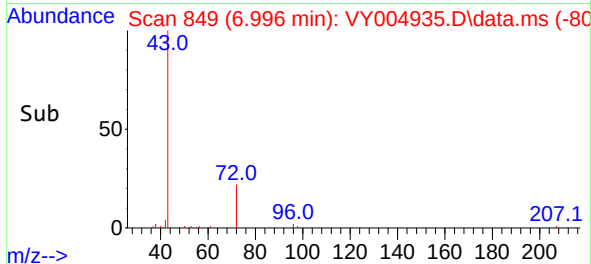
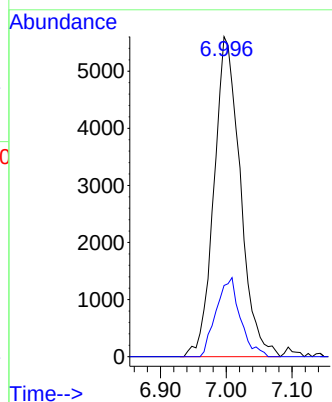


#25
2-Butanone
Concen: 18.576 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)

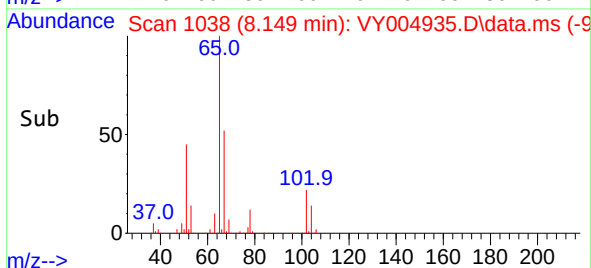
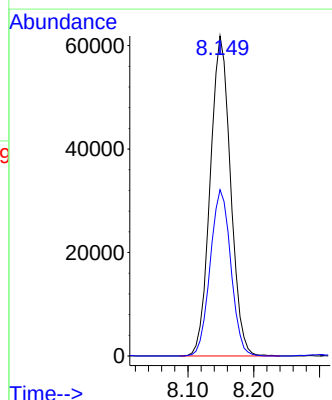
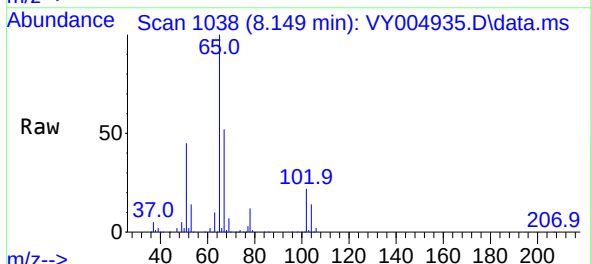


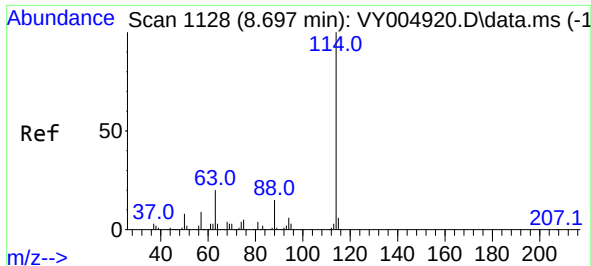
Tgt Ion: 43 Resp: 15576
Ion Ratio Lower Upper
43 100
72 22.3 20.6 31.0



#33
1,2-Dichloroethane-d4
Concen: 64.321 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

Tgt Ion: 65 Resp: 133242
Ion Ratio Lower Upper
65 100
67 52.6 0.0 110.6



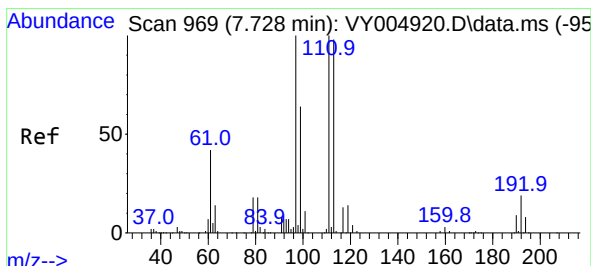
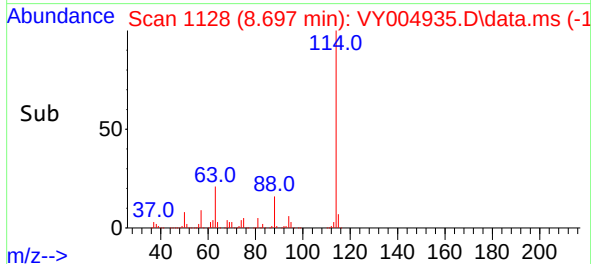
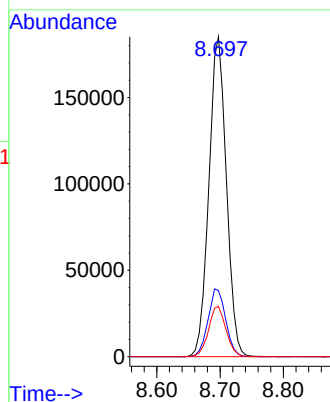
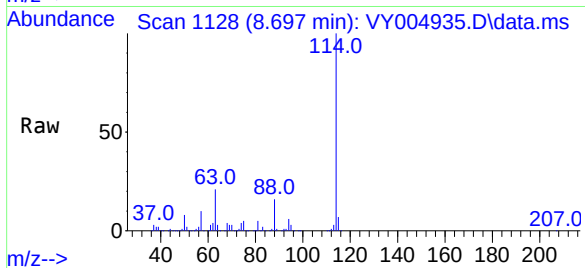


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)

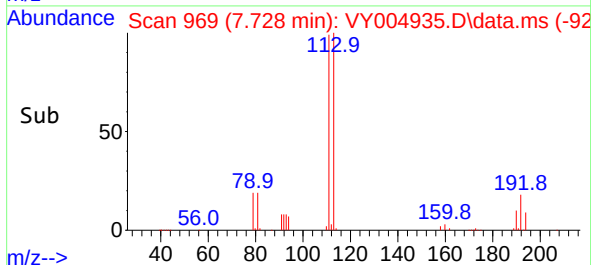
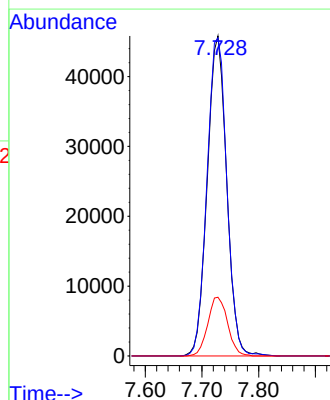
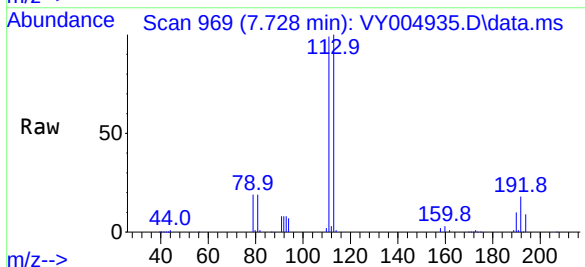
Tgt Ion:	114	Resp:	355051
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.0
88	15.7	0.0	30.6

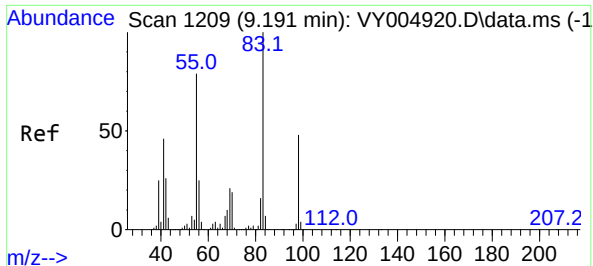


#35

Dibromofluoromethane
Concen: 57.067 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

Tgt Ion:	113	Resp:	109011
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.8
192	18.8	15.3	22.9





#39

Methylcyclohexane

Concen: 3.084 ug/l

RT: 9.185 min Scan# 1208

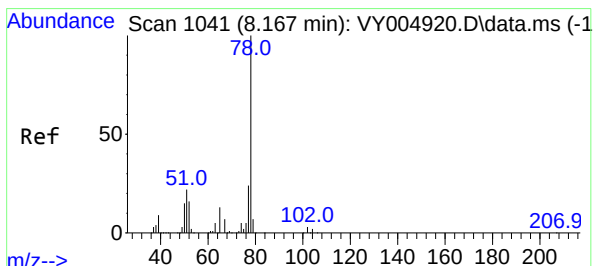
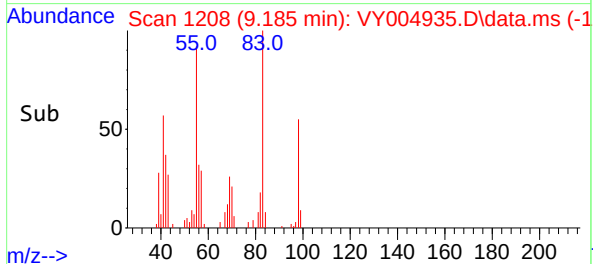
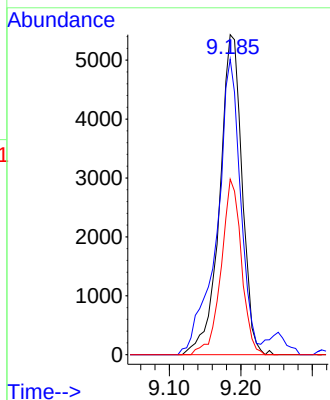
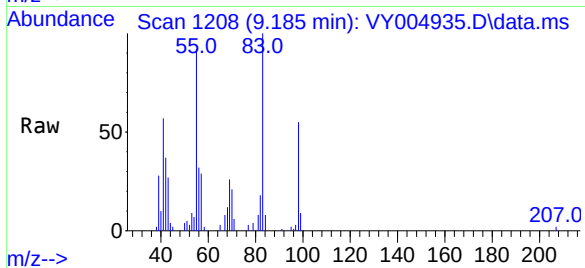
Delta R.T. -0.006 min

Lab File: VY004935.D

Acq: 03 Jun 2021 14:40

Tgt Ion:	83	Resp:	11838
Ion	Ratio	Lower	Upper
83	100		
55	92.3	63.1	94.7
98	54.9	38.6	58.0

Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)



#40

Benzene

Concen: 3.355 ug/l

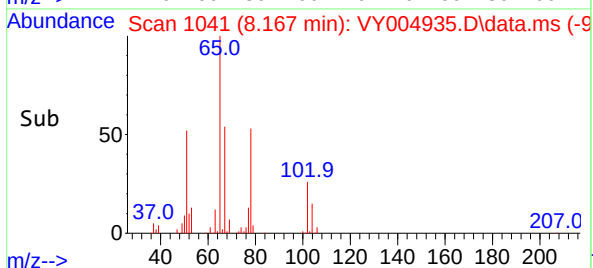
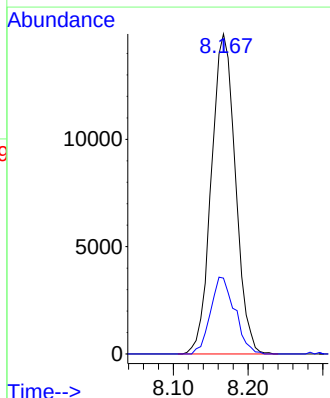
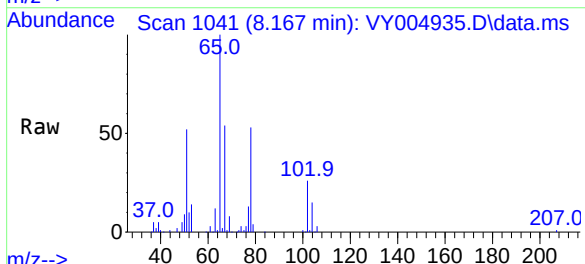
RT: 8.167 min Scan# 1041

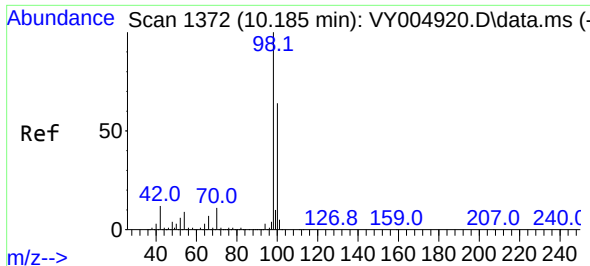
Delta R.T. -0.000 min

Lab File: VY004935.D

Acq: 03 Jun 2021 14:40

Tgt Ion:	78	Resp:	33354
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.2

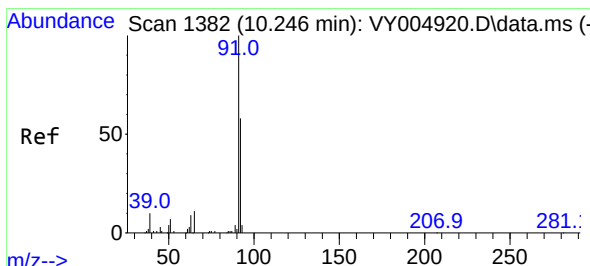
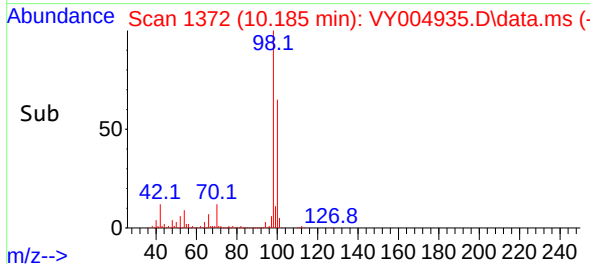
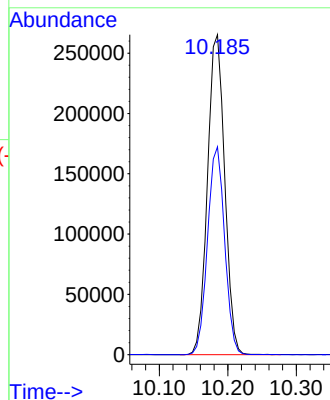
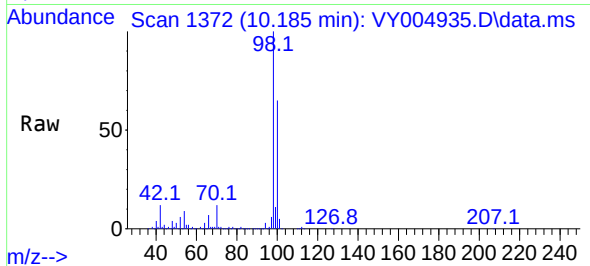




#50
Toluene-d8
Concen: 58.413 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

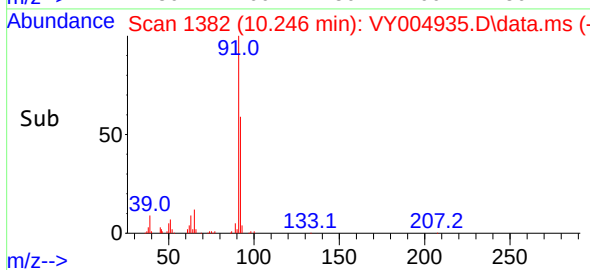
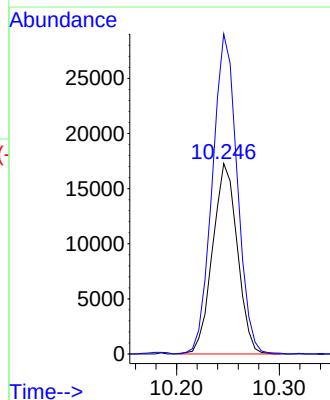
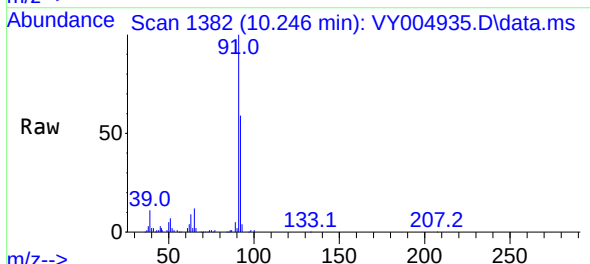
Instrument :
MSVOA_Y
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18-B8(2-4)

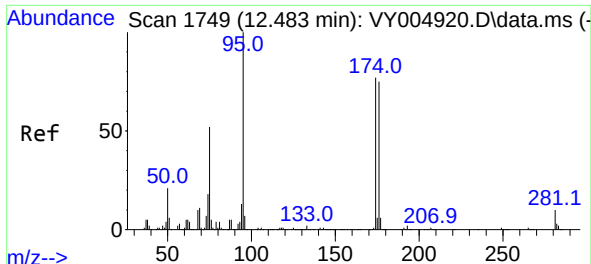
Tgt Ion: 98 Resp: 463410
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#52
Toluene
Concen: 4.797 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

Tgt Ion: 92 Resp: 28859
Ion Ratio Lower Upper
92 100
91 168.9 139.3 208.9



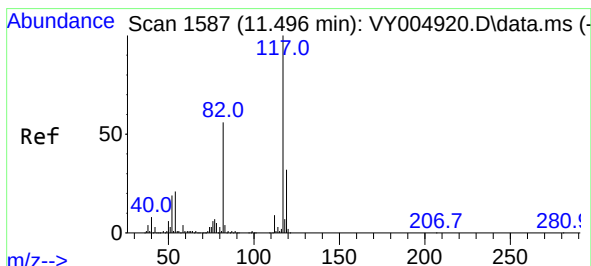
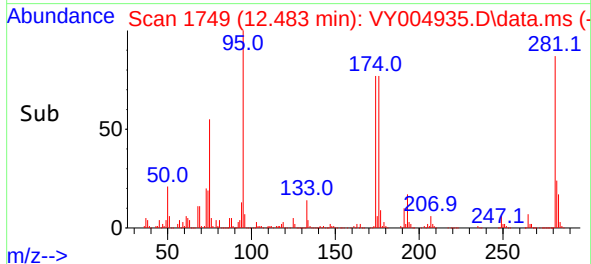
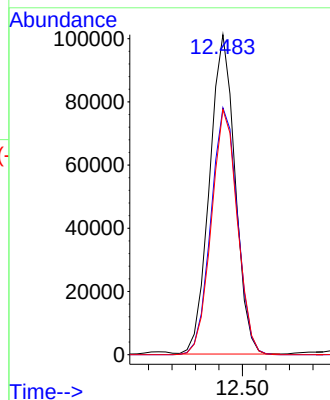
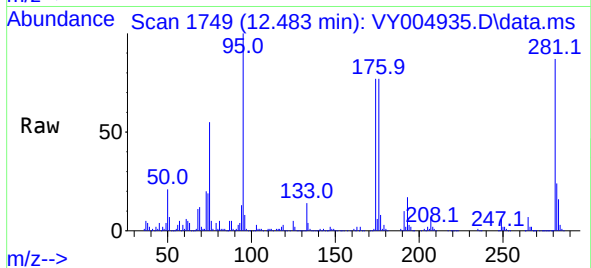


#62
4-Bromofluorobenzene
Concen: 55.847 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)

Tgt Ion: 95 Resp: 152374

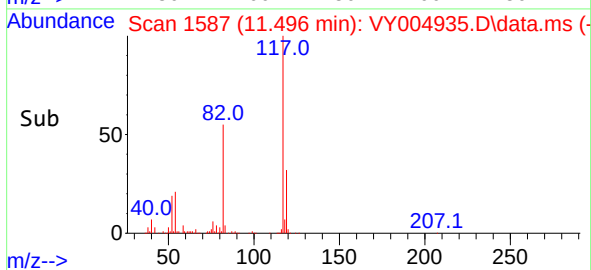
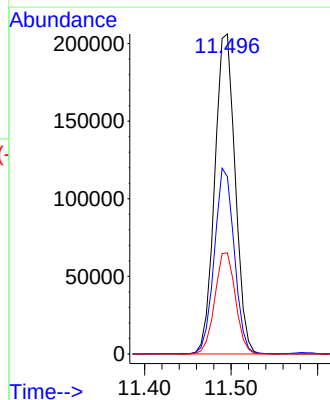
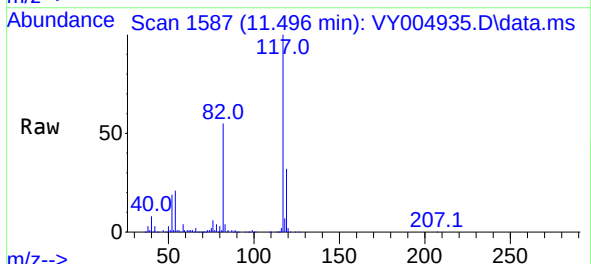
Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	160.8
176	78.1	0.0	155.6

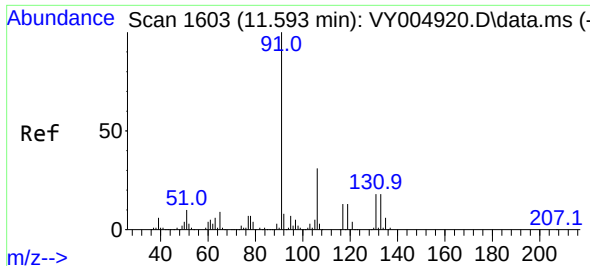


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

Tgt Ion: 117 Resp: 338153

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.8	67.2
119	31.6	25.2	37.8

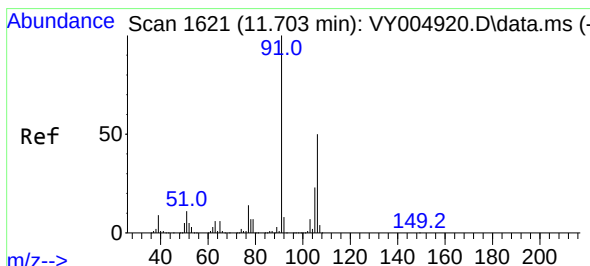
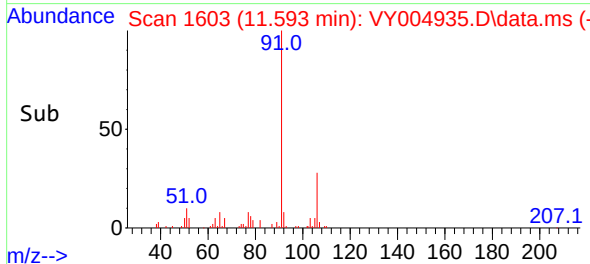
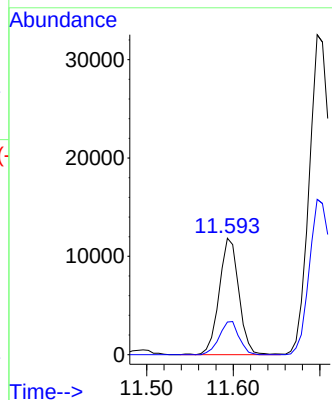
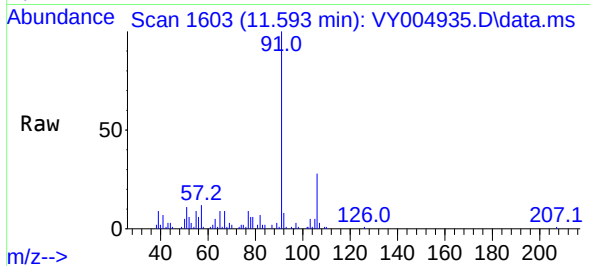




#67
Ethyl Benzene
Concen: 1.509 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

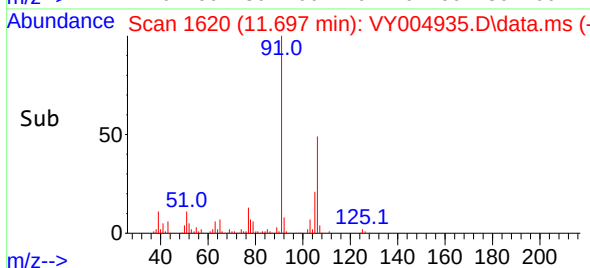
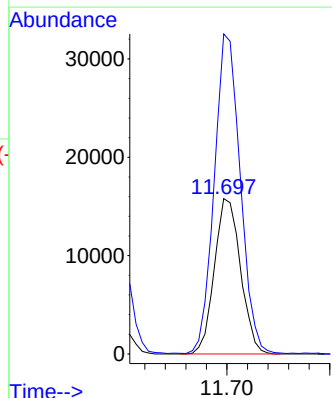
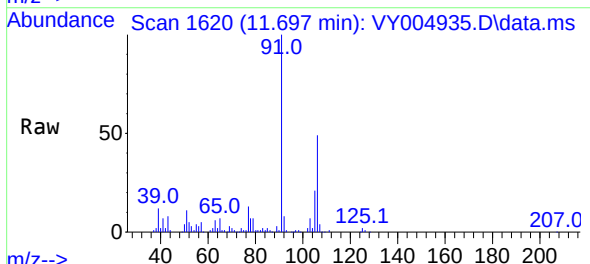
Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)

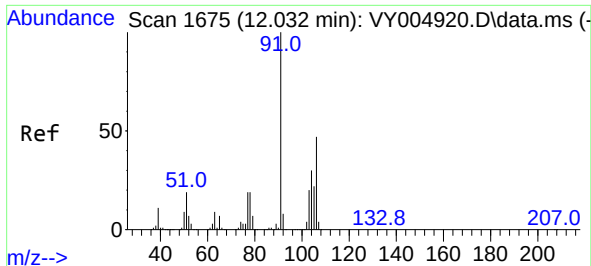
Tgt Ion: 91 Resp: 18689
Ion Ratio Lower Upper
91 100
106 28.0 24.6 36.8



#68
m/p-Xylenes
Concen: 6.007 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

Tgt Ion:106 Resp: 27868
Ion Ratio Lower Upper
106 100
91 204.7 161.9 242.9

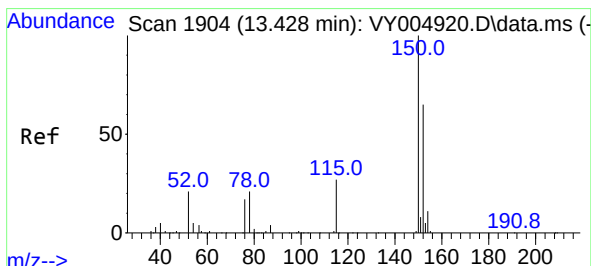
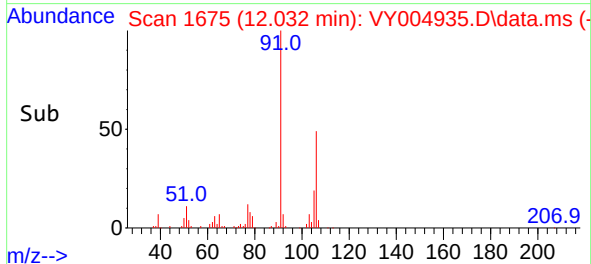
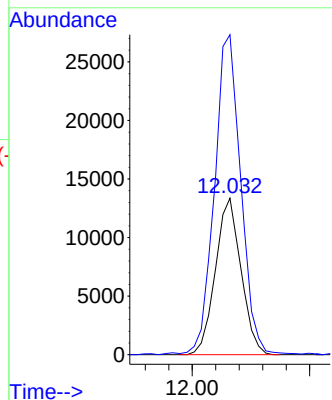
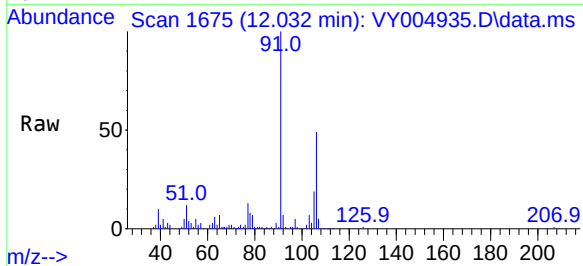




#69
o-Xylene
Concen: 4.674 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

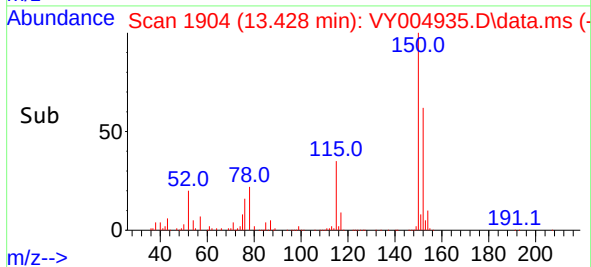
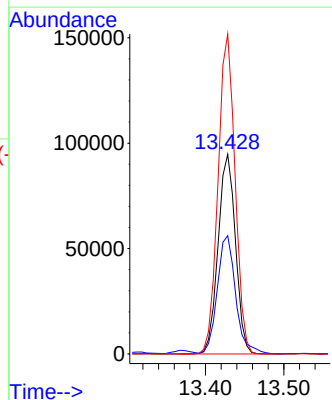
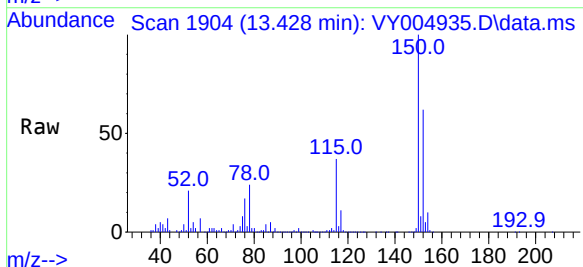
Instrument :
MSVOA_Y
ClientSampled :
18-B8(2-4)

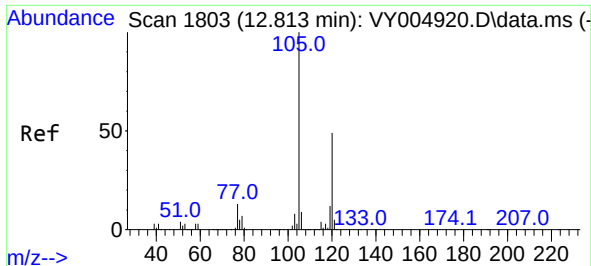
Tgt Ion:106 Resp: 20190
Ion Ratio Lower Upper
106 100
91 211.8 108.0 324.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

Tgt Ion:152 Resp: 146179
Ion Ratio Lower Upper
152 100
115 62.4 29.9 89.7
150 157.1 0.0 347.8

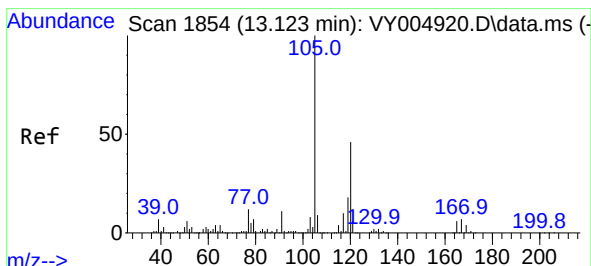
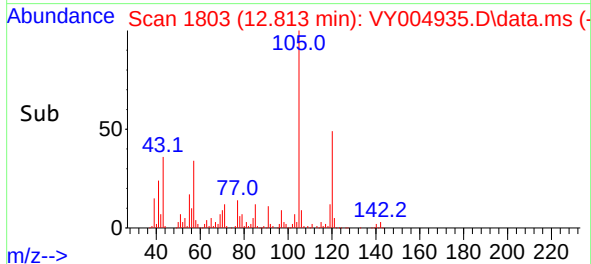
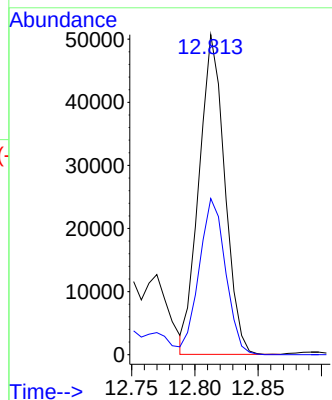
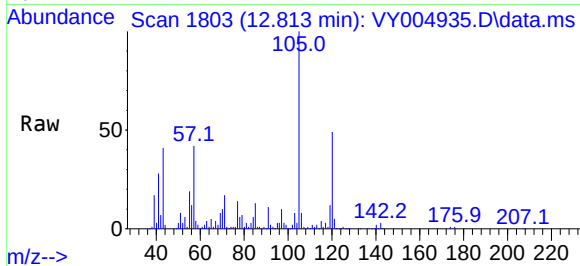




#80
1,3,5-Trimethylbenzene
Concen: 7.876 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

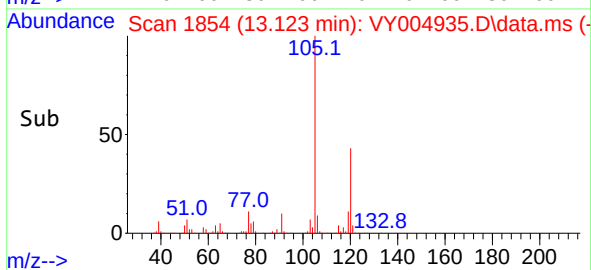
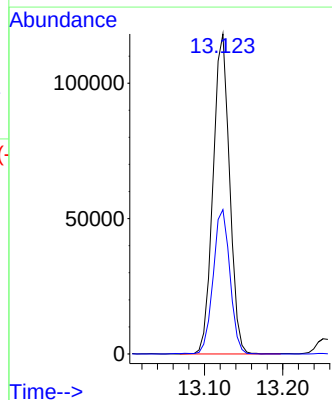
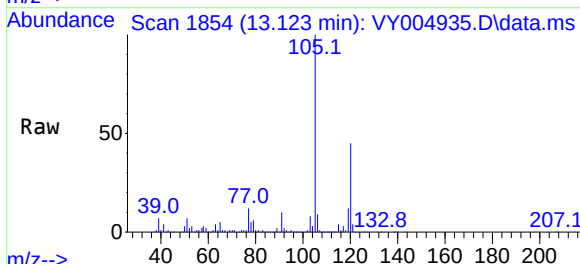
Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)

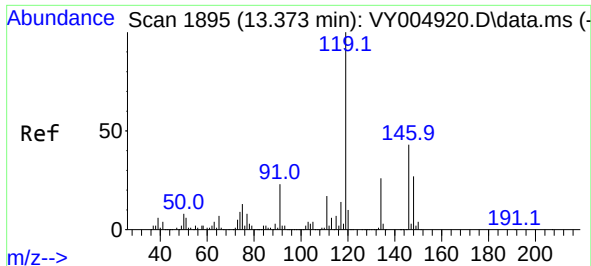
Tgt Ion:105 Resp: 71747
Ion Ratio Lower Upper
105 100
120 50.0 24.5 73.5



#84
1,2,4-Trimethylbenzene
Concen: 19.074 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

Tgt Ion:105 Resp: 172686
Ion Ratio Lower Upper
105 100
120 45.9 22.6 67.7

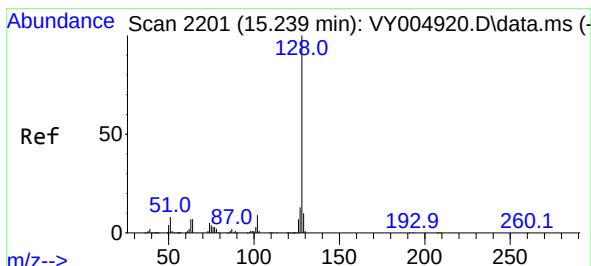
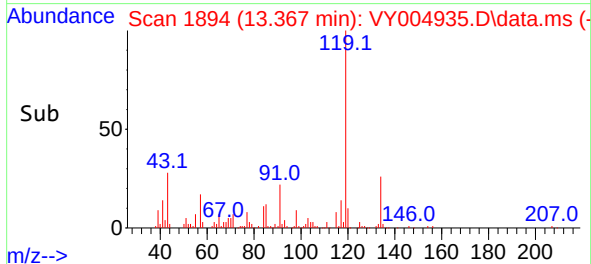
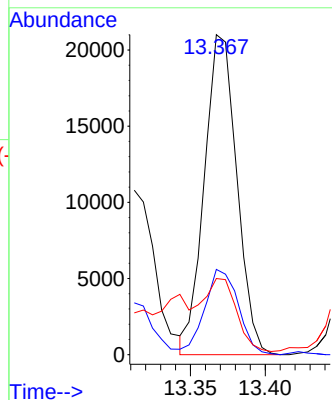
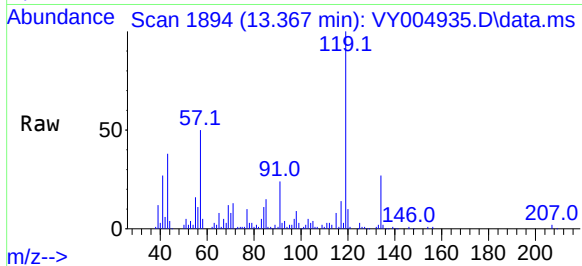




#86
p-Isopropyltoluene
Concen: 3.300 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)

Tgt Ion:	119	Resp:	31755
Ion	Ratio	Lower	Upper
119	100		
134	27.6	12.9	38.7
91	20.8	11.9	35.5



#95
Naphthalene
Concen: 355.984 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004935.D
Acq: 03 Jun 2021 14:40

Tgt Ion:	128	Resp:	2039511
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.7	13.1

