

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004262.D
 Acq On : 02 Apr 2021 15:02
 Operator : SY/MD
 Sample : M1911-02
 Misc : 5.05g/5mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6S1-(0-2)

Quant Time: Apr 02 23:00:44 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	192469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	335010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	310582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142919	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.155	65	114203	61.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.44%	
35) Dibromofluoromethane	7.728	113	102061	54.68	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.36%	
50) Toluene-d8	10.185	98	410023	58.40	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.80%	
62) 4-Bromofluorobenzene	12.483	95	135856	56.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.92%	

Target Compounds

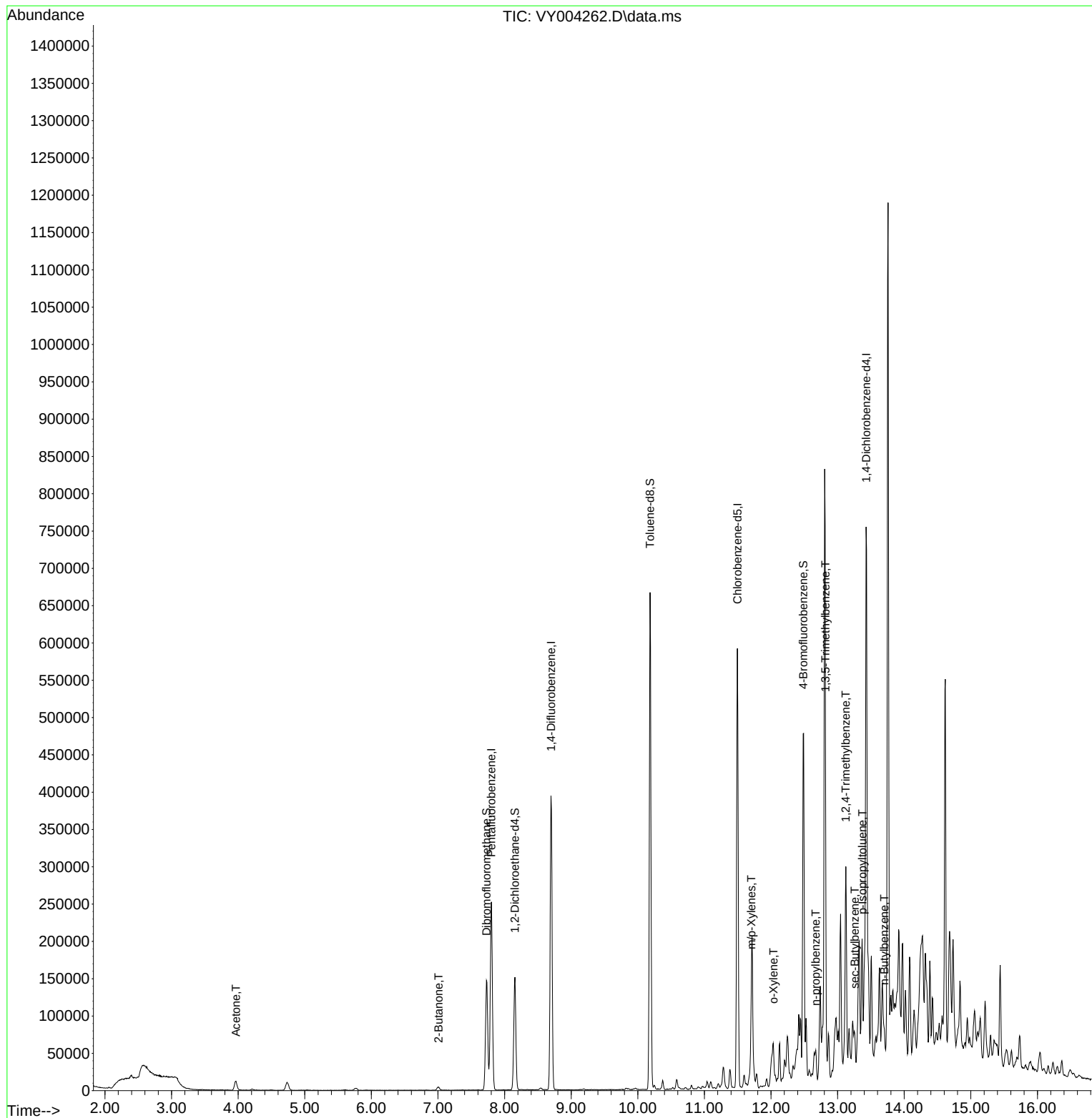
						Qvalue
16) Acetone	3.966	43	21664	56.20	ug/l	97
25) 2-Butanone	7.009	43	7927	12.31	ug/l	92
68) m/p-Xylenes	11.703	106	16407	3.80	ug/l	99
69) o-Xylene	12.038	106	11017	2.73	ug/l	90
78) n-propylbenzene	12.672	91	26239	2.17	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	41756	4.90	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	131826	15.43	ug/l	99
85) sec-Butylbenzene	13.258	105	15752	1.55	ug/l	82
86) p-Isopropyltoluene	13.373	119	11275	1.20	ug/l	98
89) n-Butylbenzene	13.703	91	18183	2.10	ug/l #	77

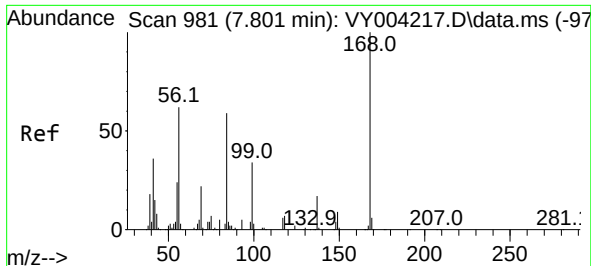
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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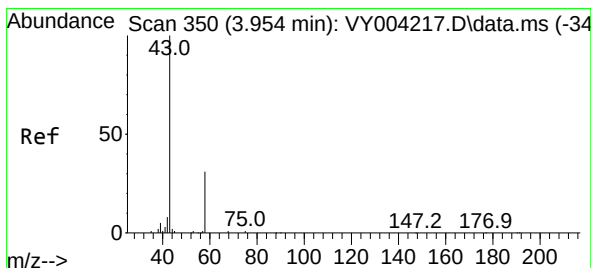
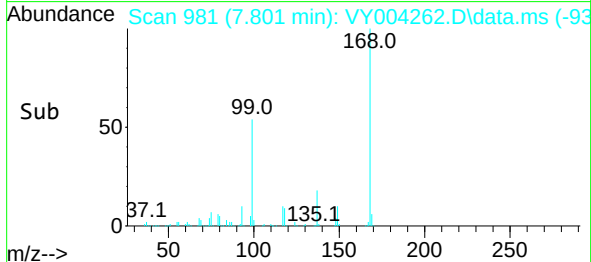
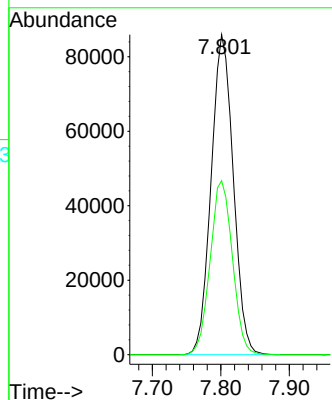
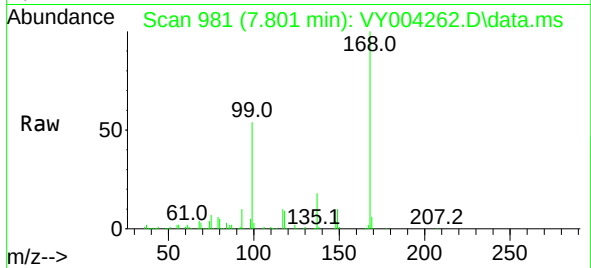




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

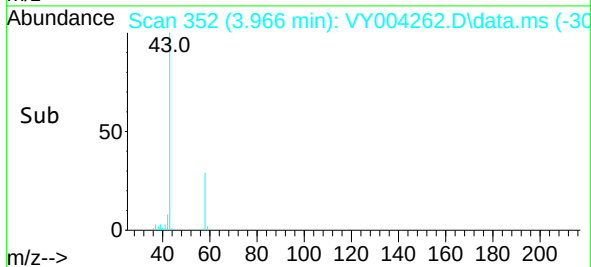
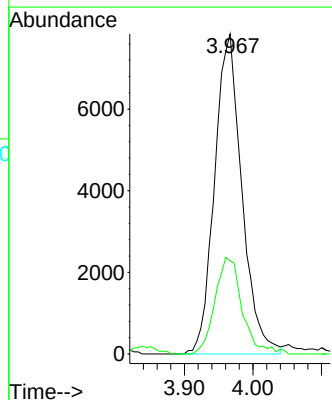
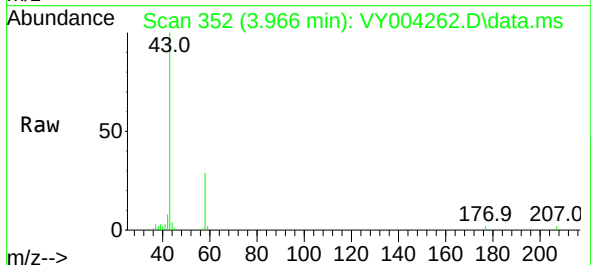
Instrument :
MSVOA_Y
ClientSampleId :
TP-6S1-(0-2)

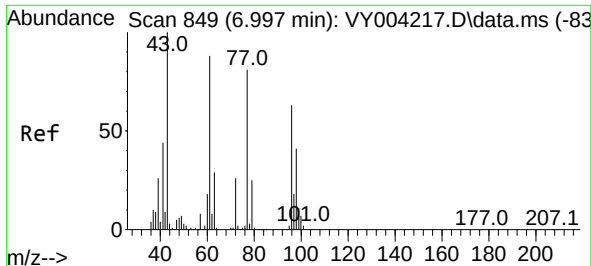
Tgt Ion:168 Resp: 192469
Ion Ratio Lower Upper
168 100
99 54.3 42.6 64.0



#16
Acetone
Concen: 56.20 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

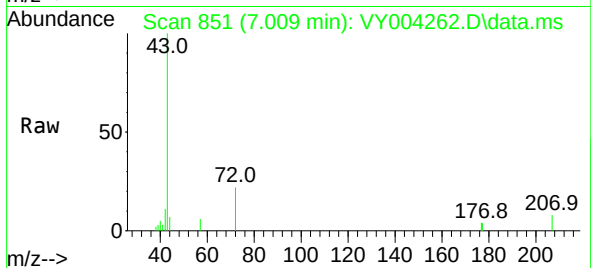
Tgt Ion: 43 Resp: 21664
Ion Ratio Lower Upper
43 100
58 29.1 24.5 36.7



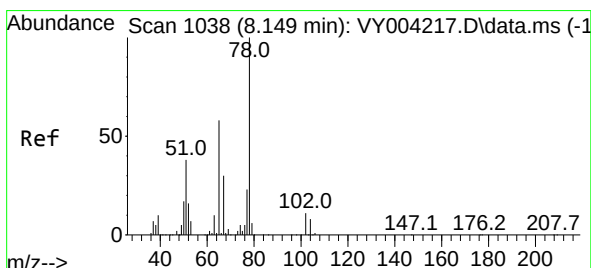
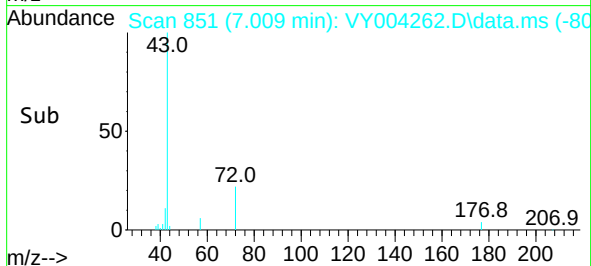
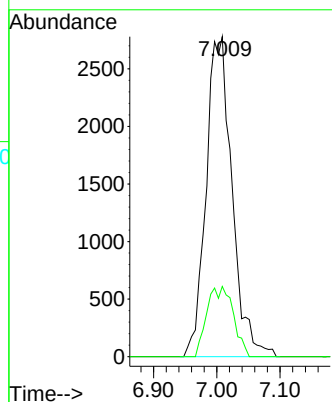


#25
2-Butanone
Concen: 12.31 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

Instrument :
MSVOA_Y
ClientSampleId :
TP-6S1-(0-2)

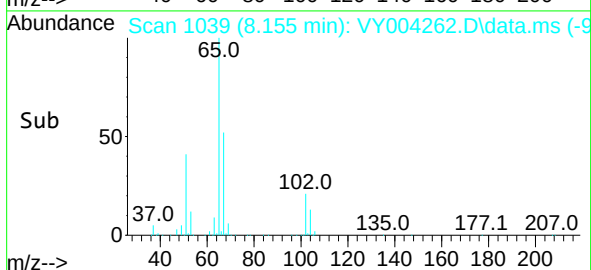
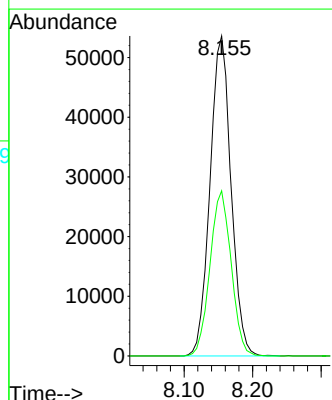
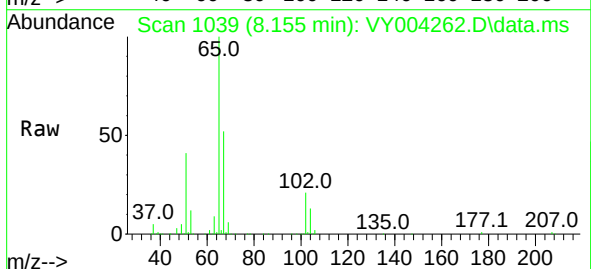


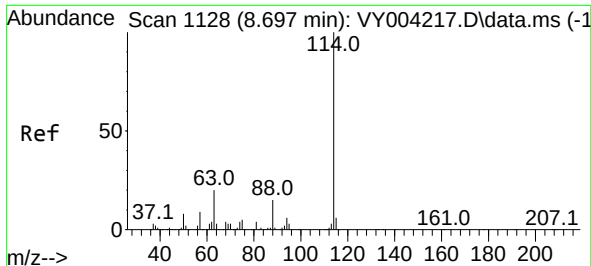
Tgt Ion: 43 Resp: 7927
Ion Ratio Lower Upper
43 100
72 22.0 21.0 31.6



#33
1,2-Dichloroethane-d4
Concen: 61.72 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

Tgt Ion: 65 Resp: 114203
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2

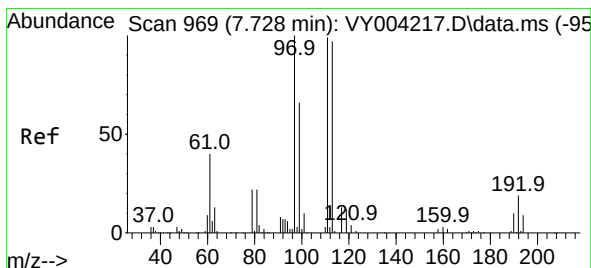
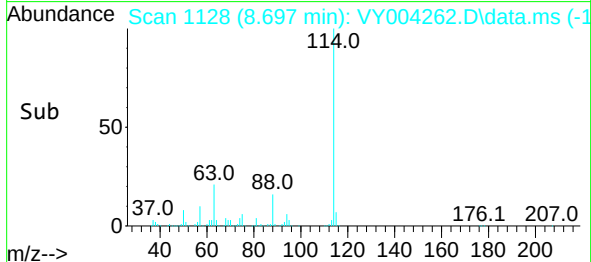
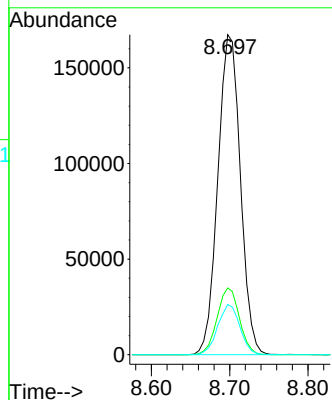
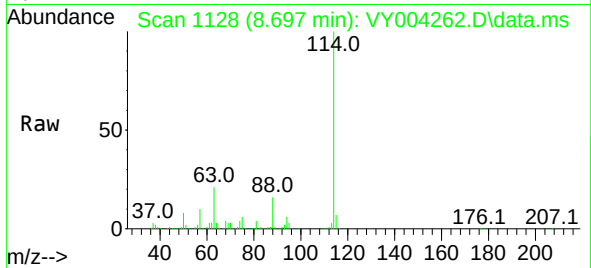




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

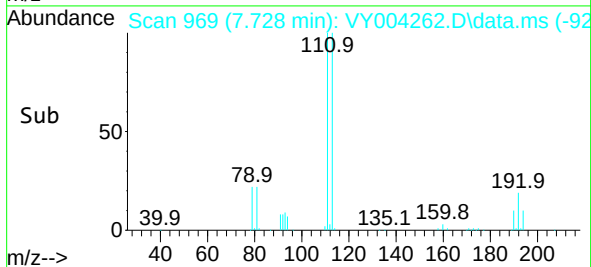
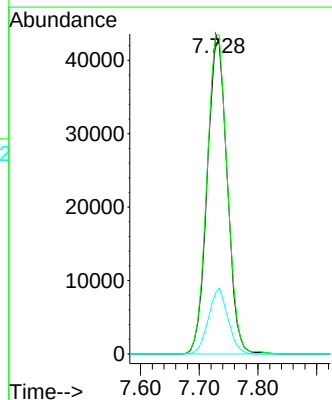
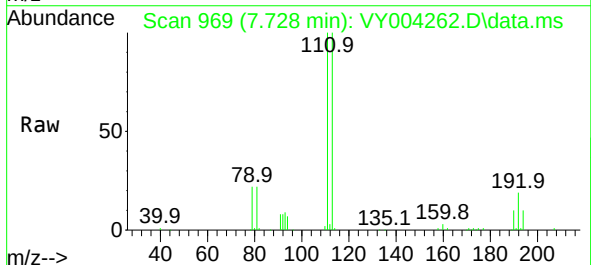
Instrument :
MSVOA_Y
ClientSampleId :
TP-6S1-(0-2)

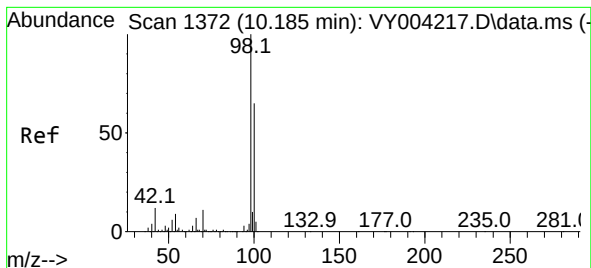
Tgt Ion:114 Resp: 335010
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.4
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.68 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

Tgt Ion:113 Resp: 102061
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 20.1 16.4 24.6

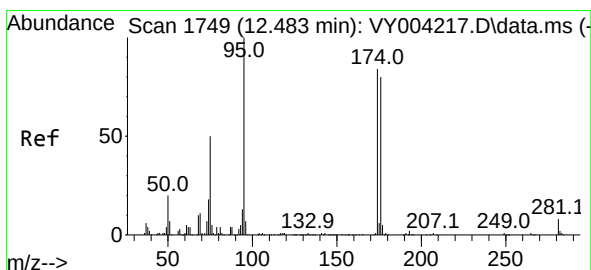
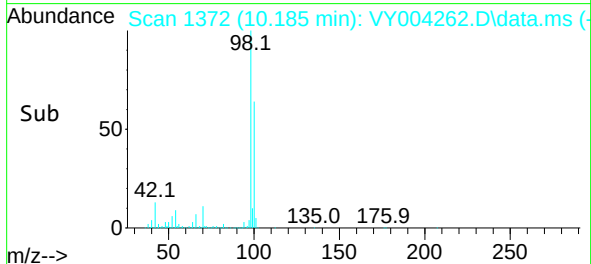
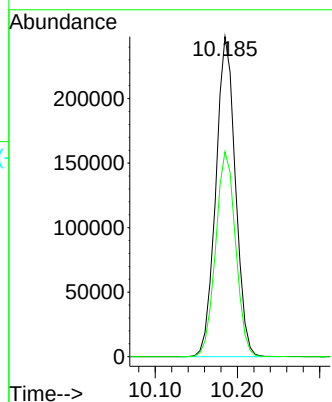
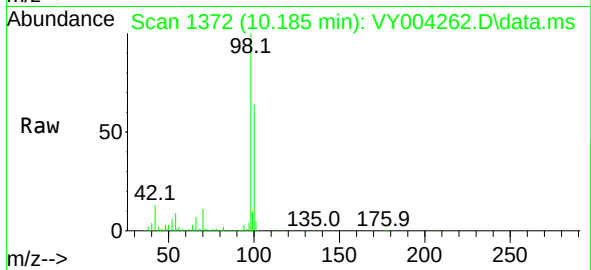




#50
Toluene-d8
Concen: 58.40 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

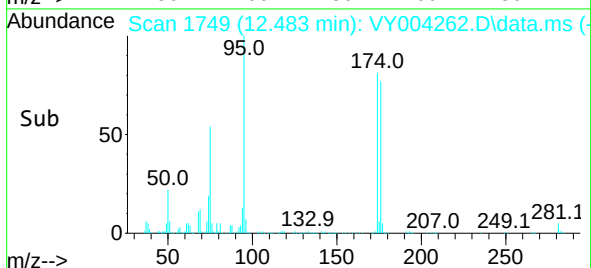
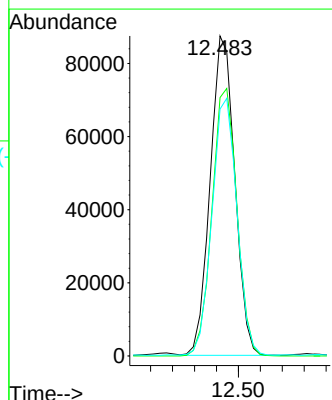
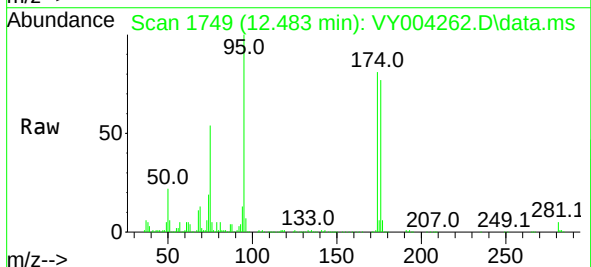
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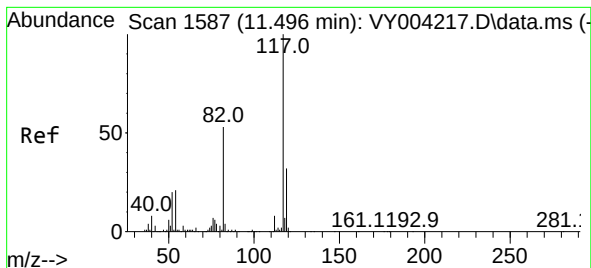
Tgt Ion: 98 Resp: 410023
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 56.46 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

Tgt Ion: 95 Resp: 135856
Ion Ratio Lower Upper
95 100
174 85.0 0.0 171.4
176 81.8 0.0 165.6

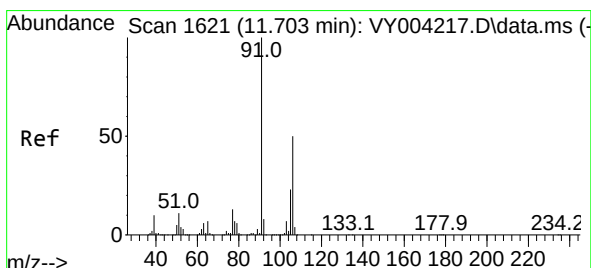
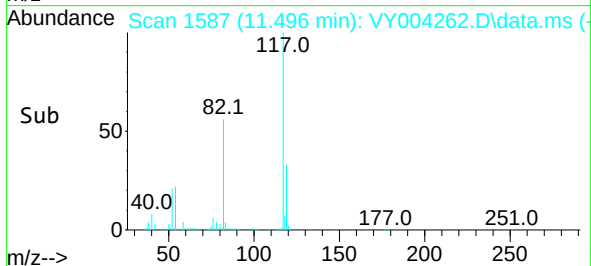
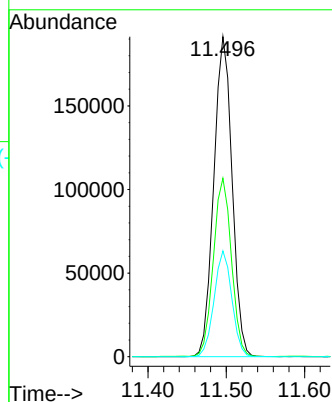
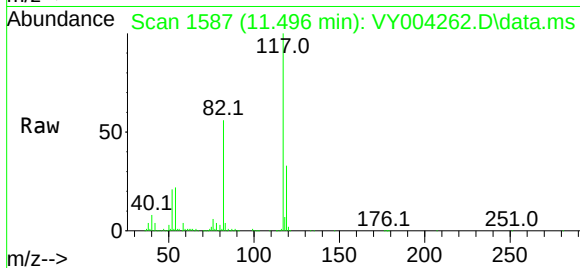




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

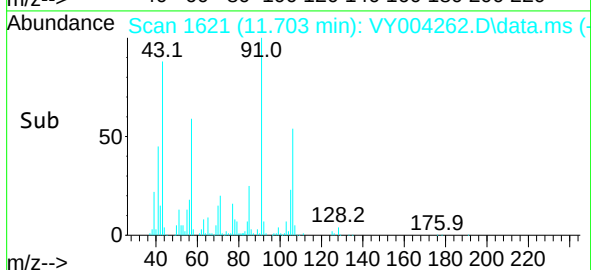
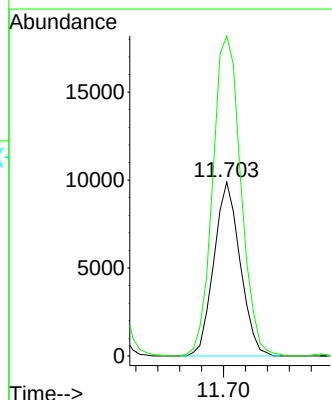
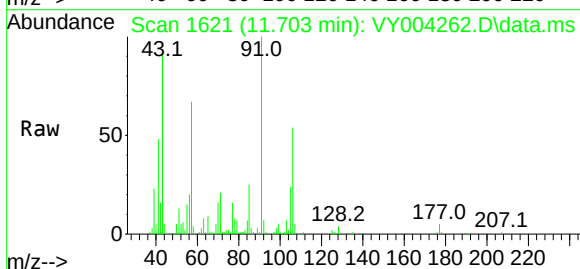
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ClientSampleId :
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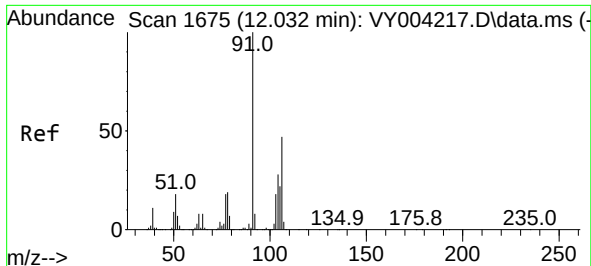
Tgt Ion:117 Resp: 310582
Ion Ratio Lower Upper
117 100
82 55.7 42.7 64.1
119 33.0 25.7 38.5



#68
m/p-Xylenes
Concen: 3.80 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

Tgt Ion:106 Resp: 16407
Ion Ratio Lower Upper
106 100
91 197.8 159.8 239.6

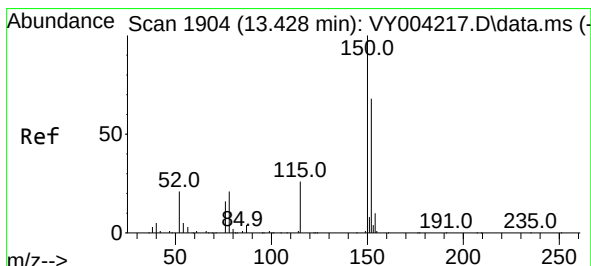
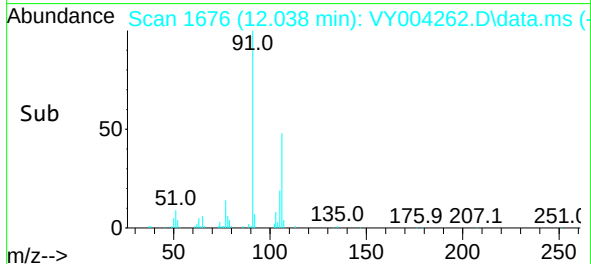
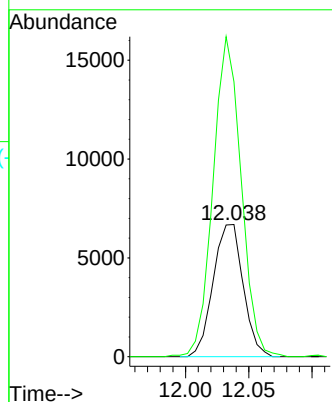
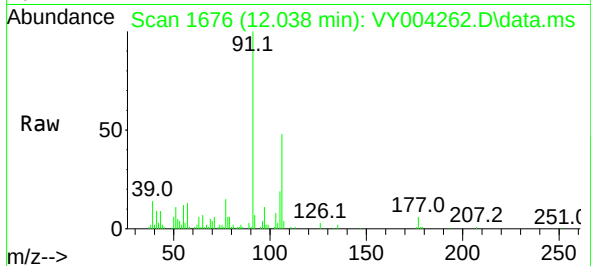




#69
o-Xylene
Concen: 2.73 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

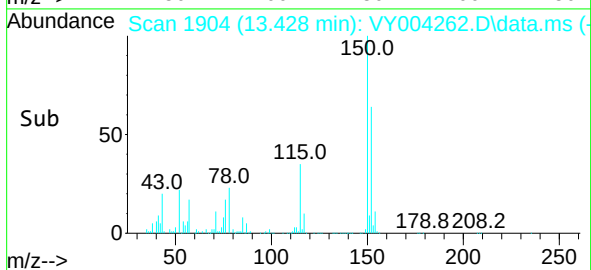
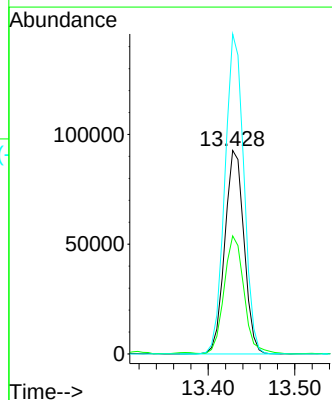
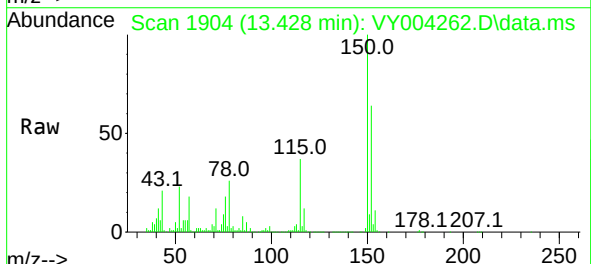
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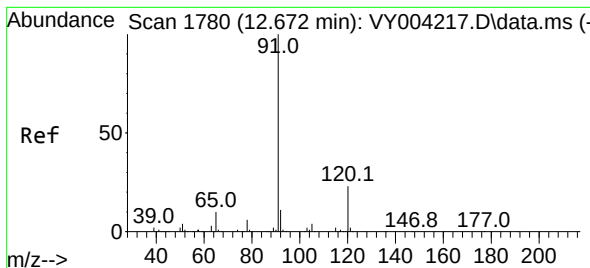
Tgt Ion:106 Resp: 11017
Ion Ratio Lower Upper
106 100
91 226.7 105.6 316.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

Tgt Ion:152 Resp: 142919
Ion Ratio Lower Upper
152 100
115 59.9 29.0 87.1
150 155.1 0.0 347.4

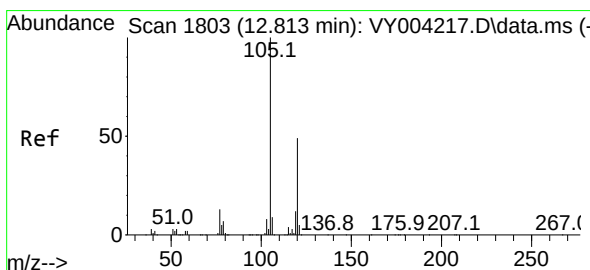
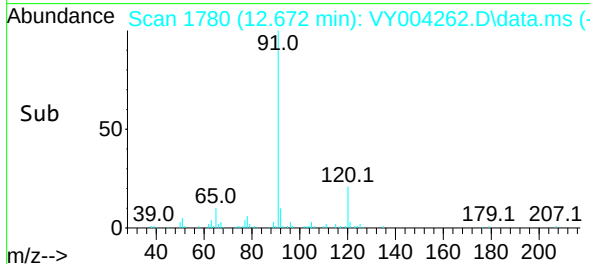
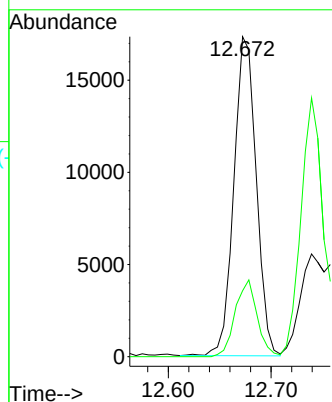
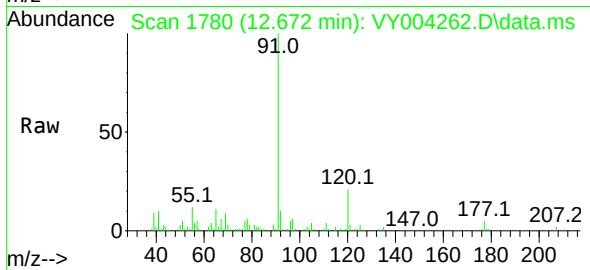




#78
n-propylbenzene
Concen: 2.17 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

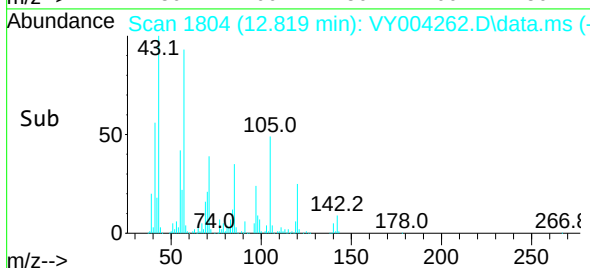
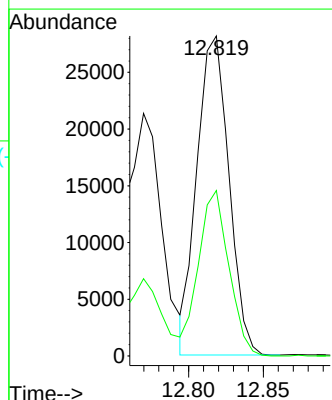
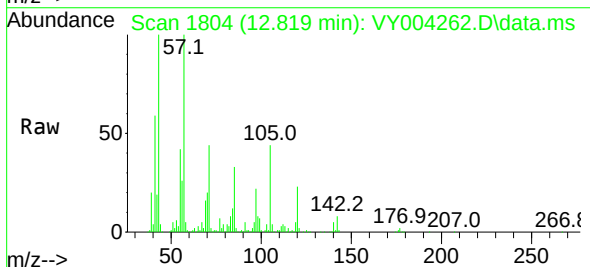
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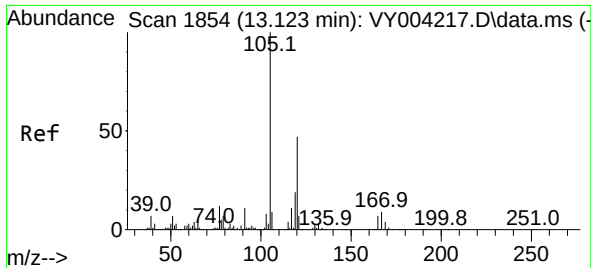
Tgt Ion: 91 Resp: 26239
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 4.90 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

Tgt Ion: 105 Resp: 41756
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.7

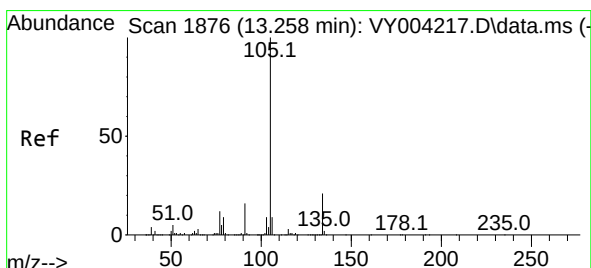
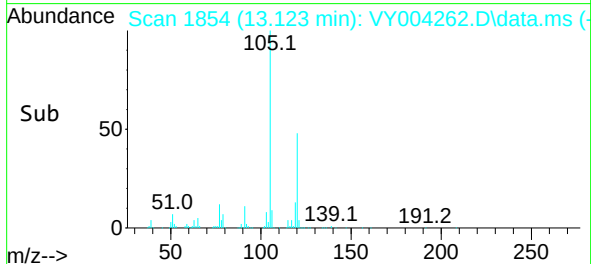
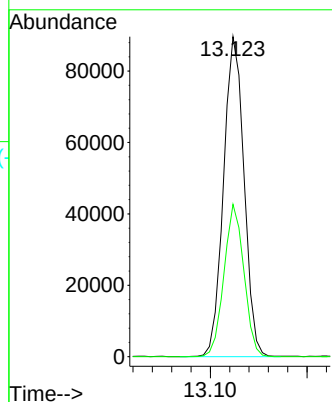
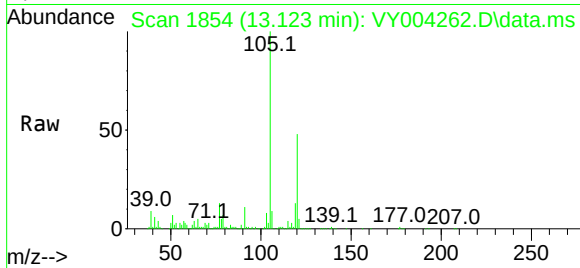




#84
1,2,4-Trimethylbenzene
Concen: 15.43 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

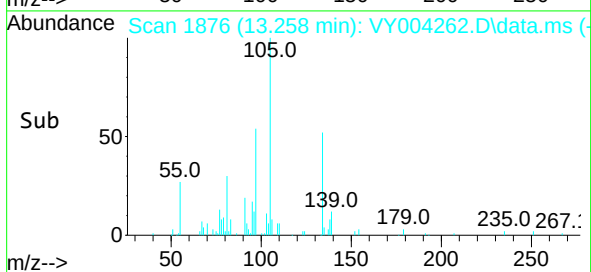
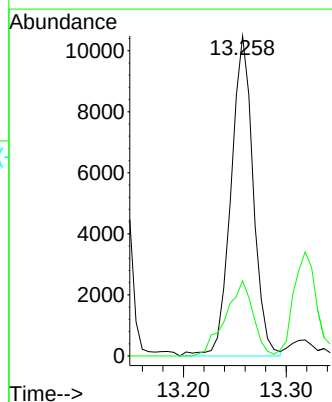
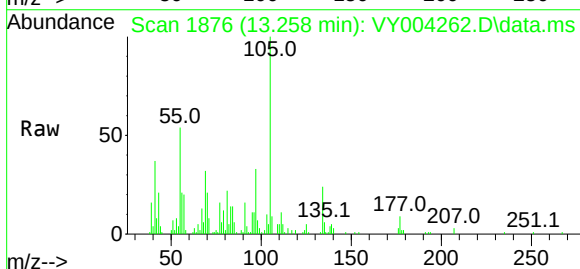
Instrument :
MSVOA_Y
ClientSampleId :
TP-6S1-(0-2)

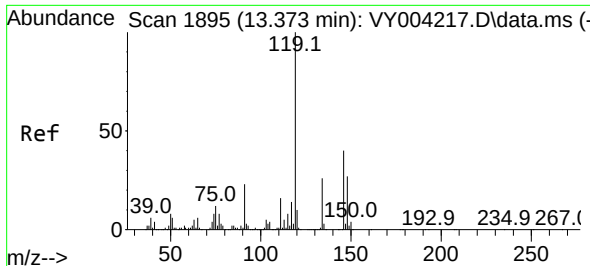
Tgt Ion:105 Resp: 131826
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.7



#85
sec-Butylbenzene
Concen: 1.55 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

Tgt Ion:105 Resp: 15752
Ion Ratio Lower Upper
105 100
134 29.4 10.4 31.4

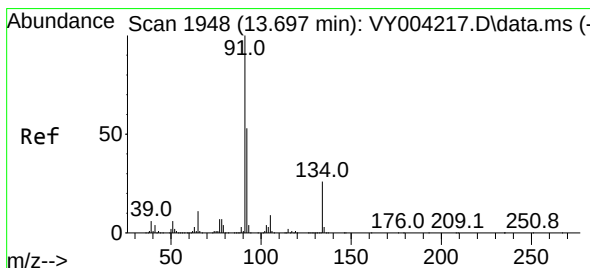
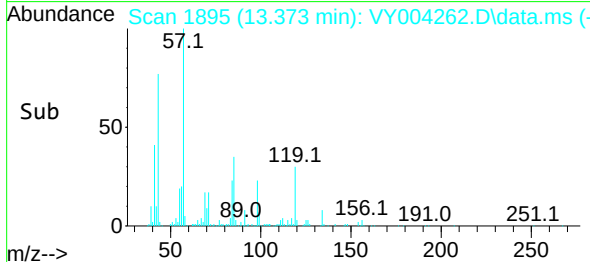
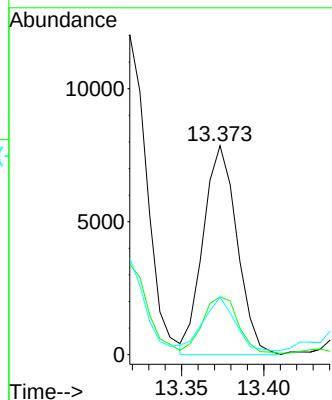
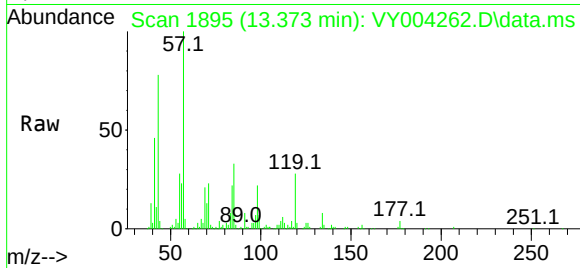




#86
p-Isopropyltoluene
Concen: 1.20 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

Instrument :
MSVOA_Y
ClientSampleId :
TP-6S1-(0-2)

Tgt Ion:	119	Resp:	11275
Ion	Ratio	Lower	Upper
119	100		
134	28.2	13.3	39.9
91	23.8	12.0	36.0



#89
n-Butylbenzene
Concen: 2.10 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004262.D
Acq: 02 Apr 2021 15:02

Tgt Ion:	91	Resp:	18183
Ion	Ratio	Lower	Upper
91	100		
92	58.6	26.5	79.4
134	0.0	13.6	40.7#

