

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004261.D
 Acq On : 02 Apr 2021 14:39
 Operator : SY/MD
 Sample : M1911-01
 Misc : 4.92g/5mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6S-(0-4)

Quant Time: Apr 02 23:00:23 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)

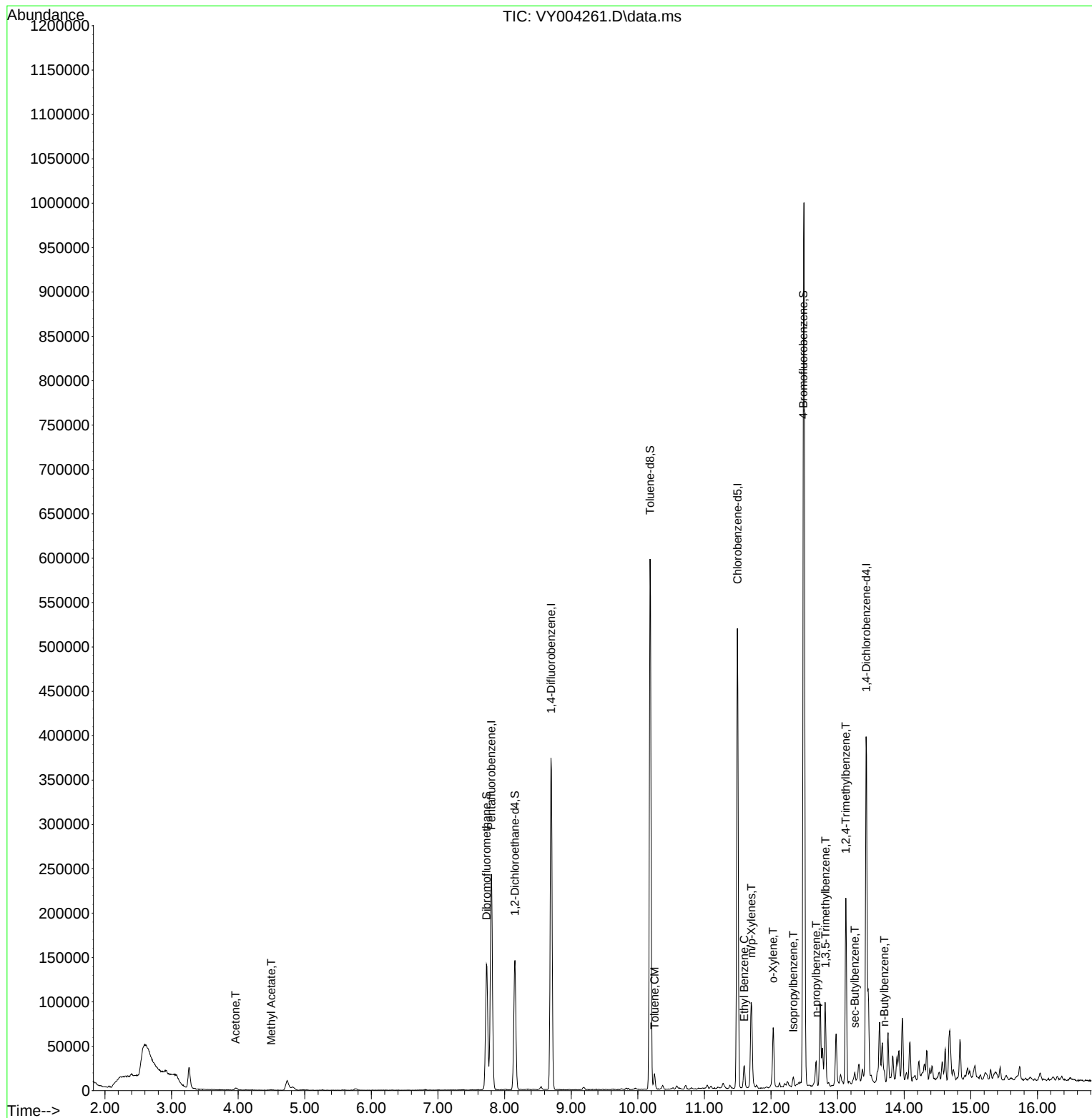
Internal Standards						
1) Pentafluorobenzene	7.801	168	186537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	316189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	268290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	112110	62.52	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	125.04%	
35) Dibromofluoromethane	7.728	113	97348	55.26	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	110.52%	
50) Toluene-d8	10.185	98	379873	57.33	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	114.66%	
62) 4-Bromofluorobenzene	12.483	95	110443	48.63	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	97.26%	
Target Compounds						
						Qvalue
16) Acetone	3.960	43	4545	12.17	ug/l	97
18) Methyl Acetate	4.497	43	1263	1.06	ug/l #	69
52) Toluene	10.252	92	6754	1.28	ug/l	100
67) Ethyl Benzene	11.599	91	17344	1.79	ug/l	96
68) m/p-Xylenes	11.703	106	26467	7.09	ug/l	99
69) o-Xylene	12.032	106	17098	4.90	ug/l	98
73) Isopropylbenzene	12.337	105	7256	1.02	ug/l	99
78) n-propylbenzene	12.678	91	20875	2.55	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	31045	5.37	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	107071	18.48	ug/l	99
85) sec-Butylbenzene	13.258	105	7131	1.04	ug/l	85
89) n-Butylbenzene	13.703	91	6745	1.15	ug/l #	79

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

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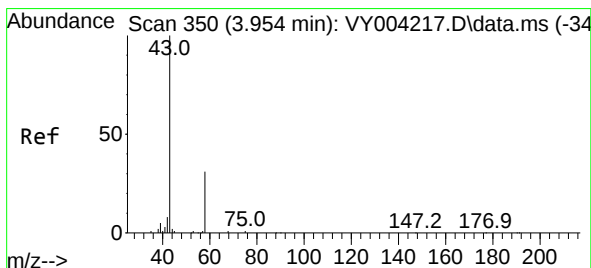
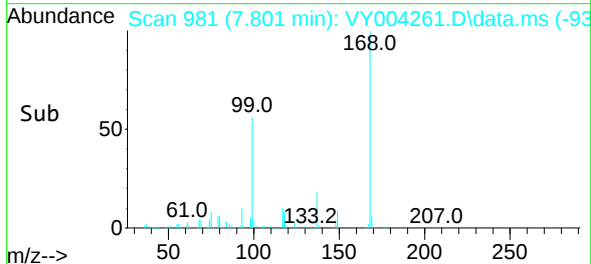
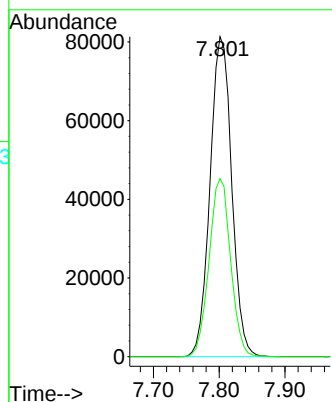
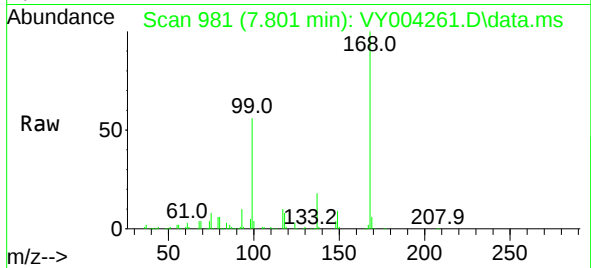




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

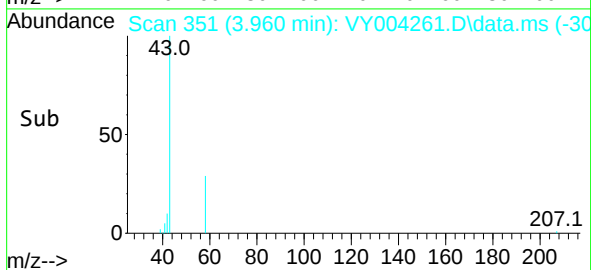
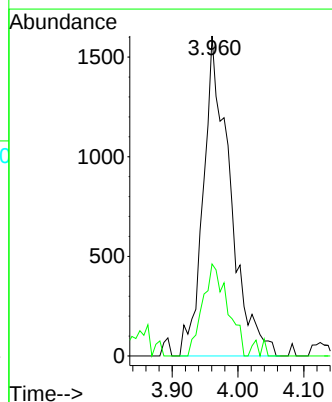
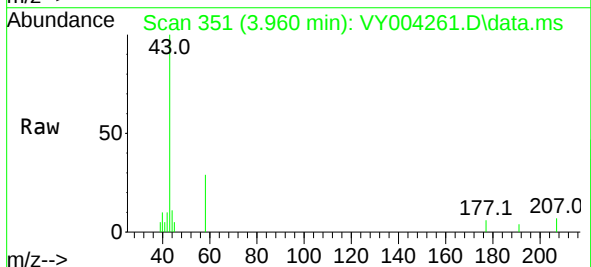
Instrument :
MSVOA_Y
ClientSampleId :
TP-6S-(0-4)

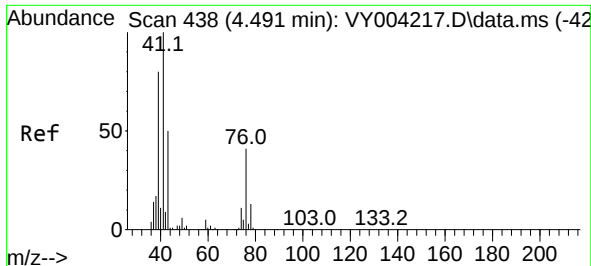
Tgt Ion:168 Resp: 186537
Ion Ratio Lower Upper
168 100
99 55.6 42.6 64.0



#16
Acetone
Concen: 12.17 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

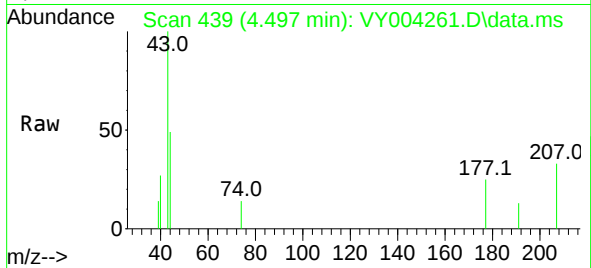
Tgt Ion: 43 Resp: 4545
Ion Ratio Lower Upper
43 100
58 28.8 24.5 36.7



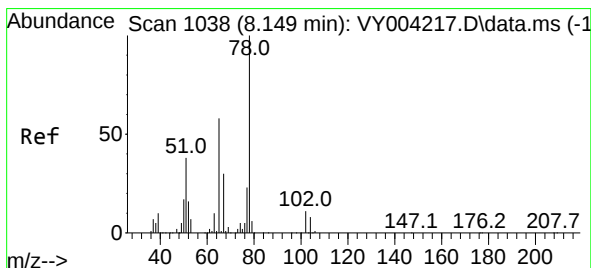
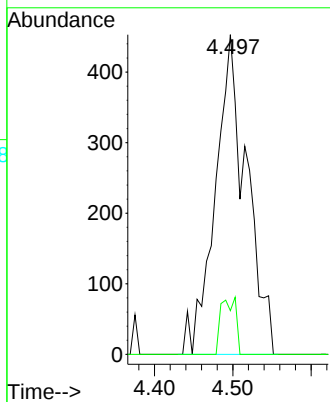
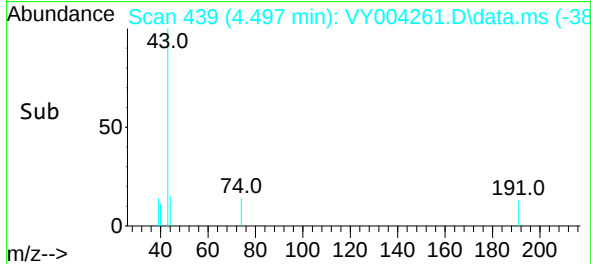


#18
Methyl Acetate
Concen: 1.06 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

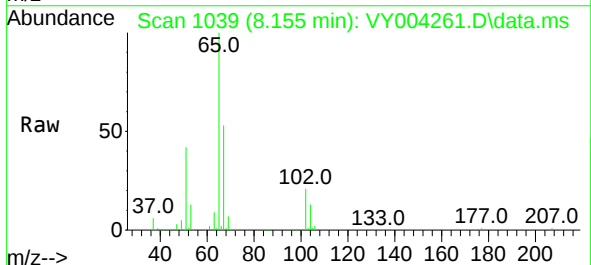
Instrument :
MSVOA_Y
ClientSampleId :
TP-6S-(0-4)



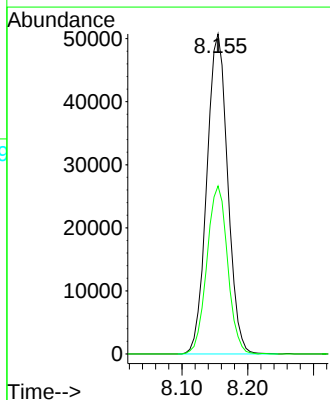
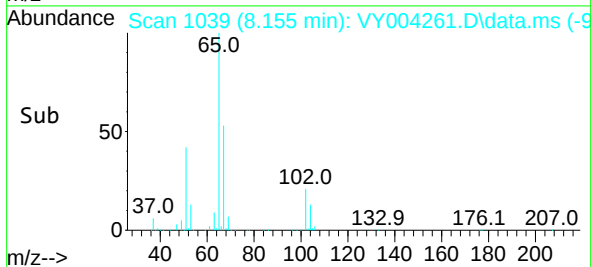
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
74 8.5 19.1 28.7#

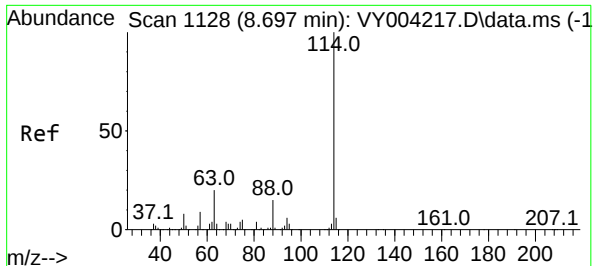


#33
1,2-Dichloroethane-d4
Concen: 62.52 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39



Tgt Ion: 65 Resp: 112110
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2

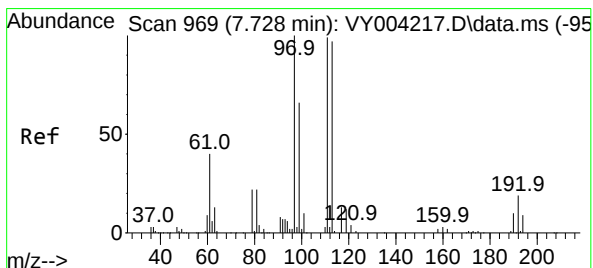
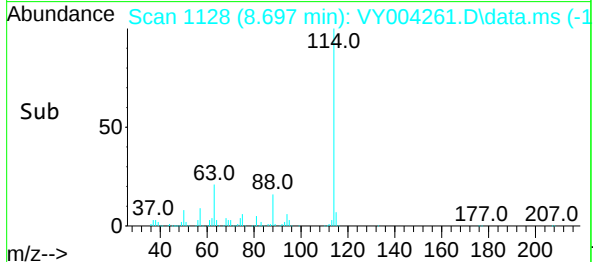
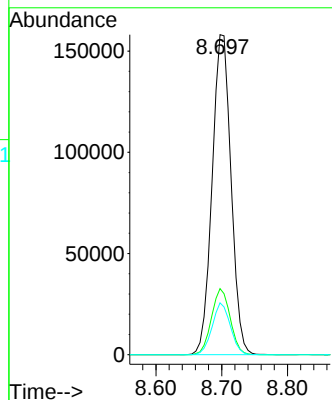
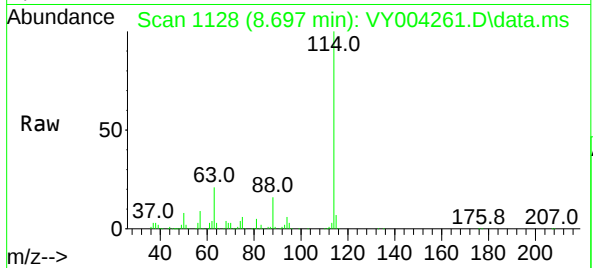




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

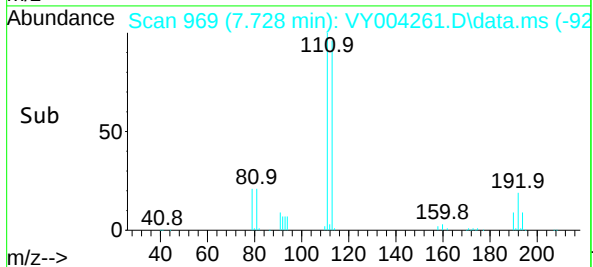
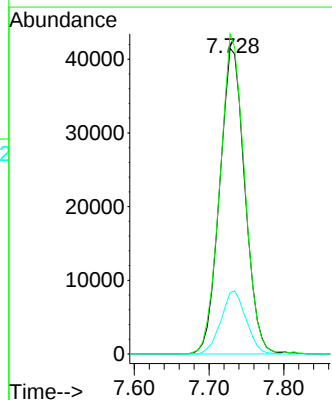
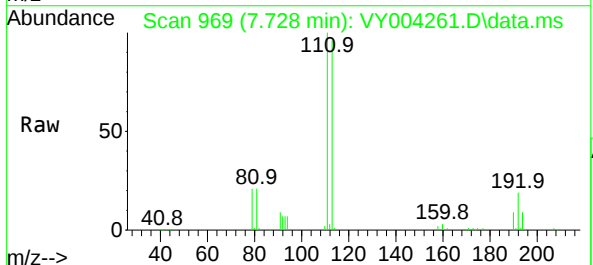
Instrument :
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ClientSampleId :
TP-6S-(0-4)

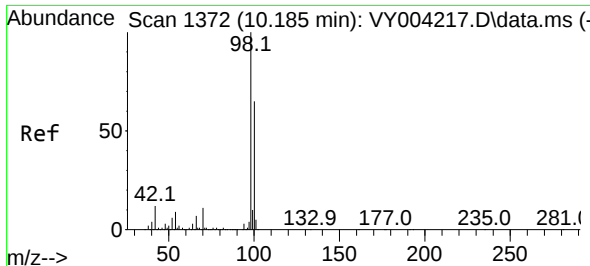
Tgt Ion:	114	Resp:	316189
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.4
88	16.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.26 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

Tgt Ion:	113	Resp:	97348
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	20.5	16.4	24.6

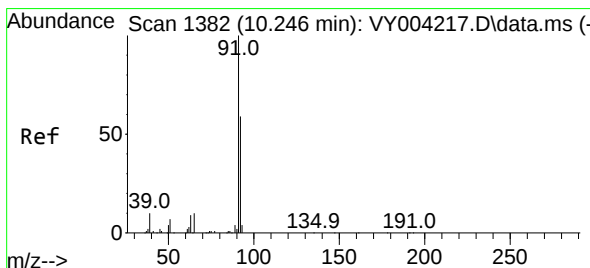
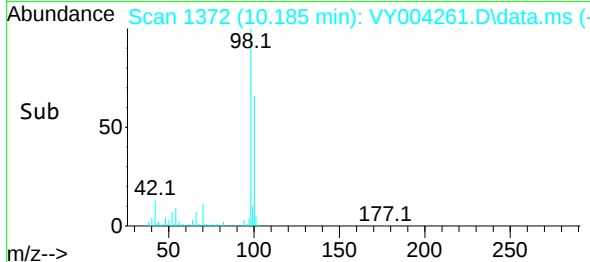
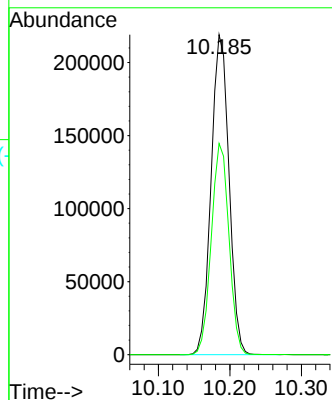
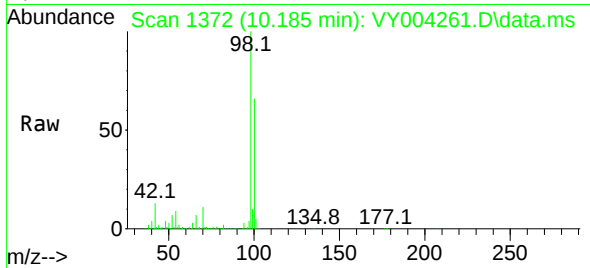




#50
Toluene-d8
Concen: 57.33 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

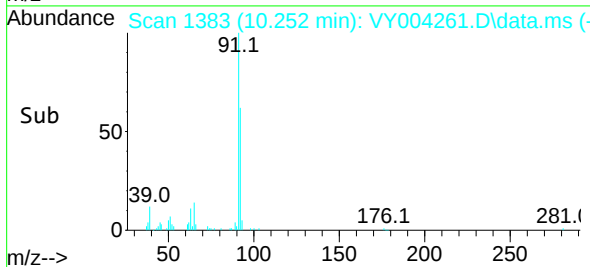
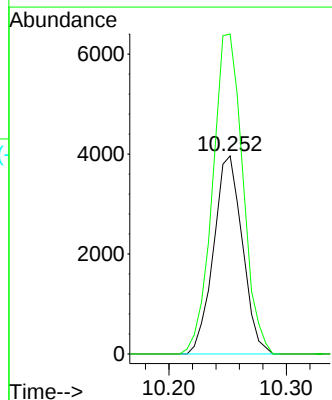
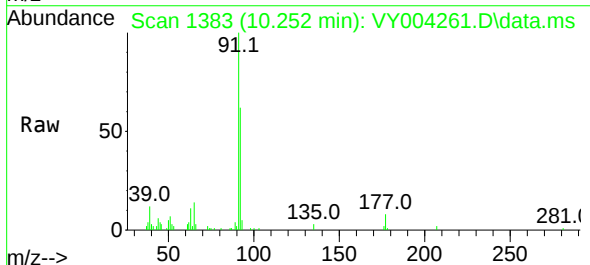
Instrument :
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ClientSampleId :
TP-6S-(0-4)

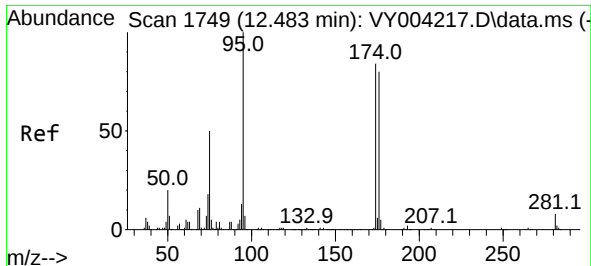
Tgt Ion: 98 Resp: 379873
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#52
Toluene
Concen: 1.28 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

Tgt Ion: 92 Resp: 6754
Ion Ratio Lower Upper
92 100
91 169.4 136.0 204.0

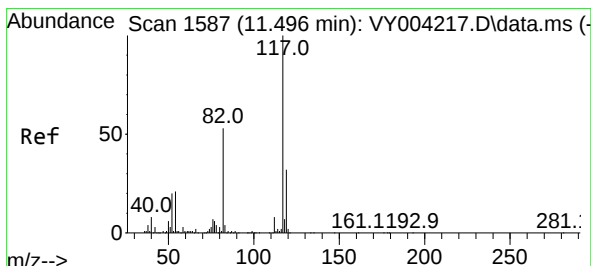
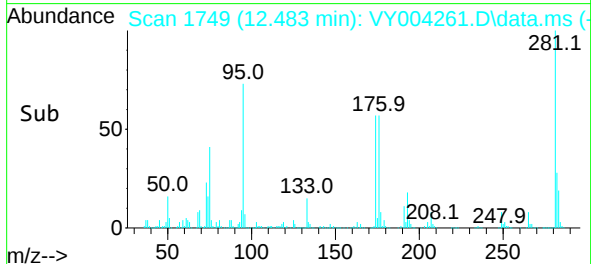
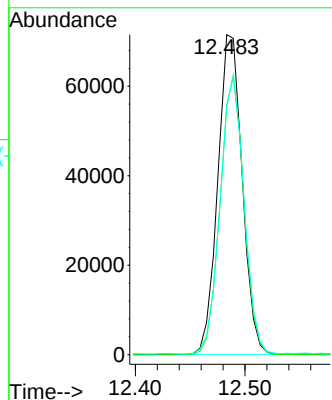
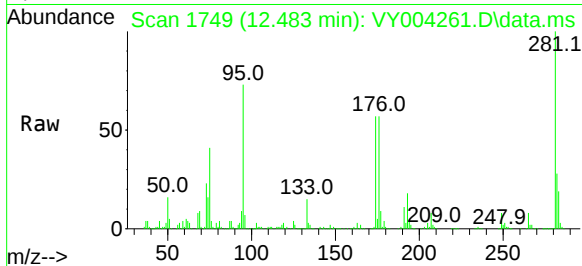




#62
4-Bromofluorobenzene
Concen: 48.63 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

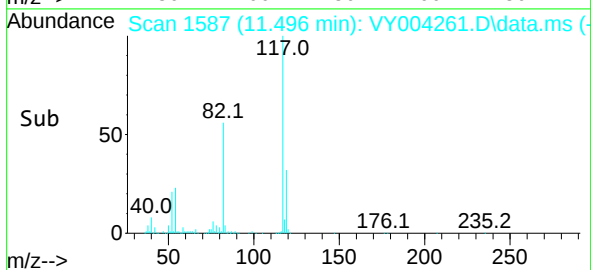
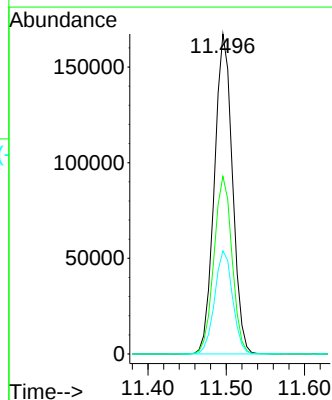
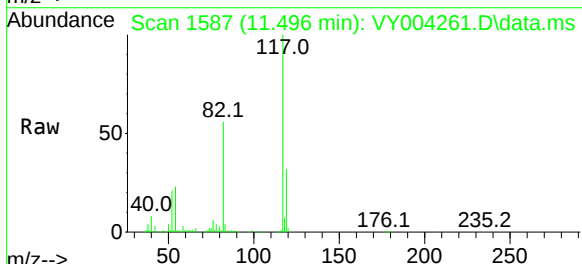
Instrument :
MSVOA_Y
ClientSampleId :
TP-6S-(0-4)

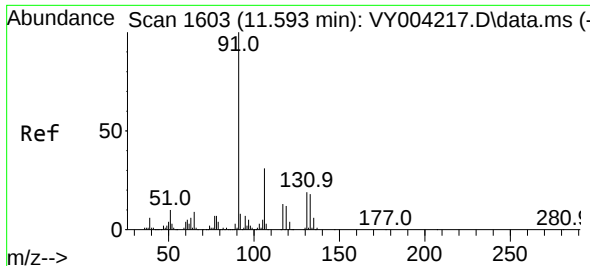
Tgt Ion: 95 Resp: 110443
Ion Ratio Lower Upper
95 100
174 85.0 0.0 171.4
176 85.6 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

Tgt Ion: 117 Resp: 268290
Ion Ratio Lower Upper
117 100
82 55.5 42.7 64.1
119 32.2 25.7 38.5

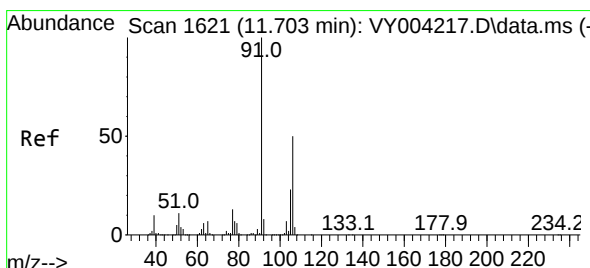
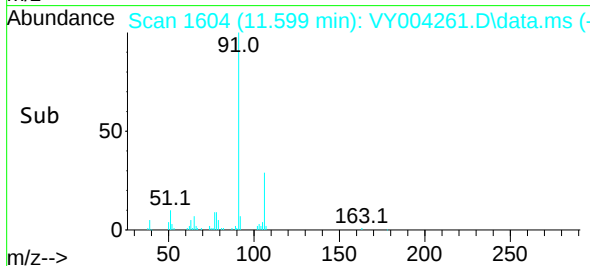
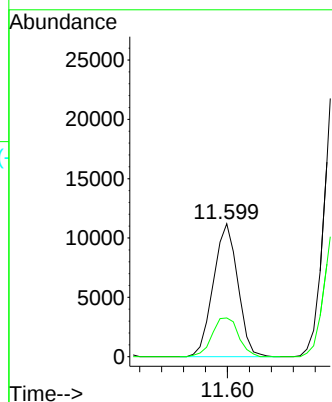
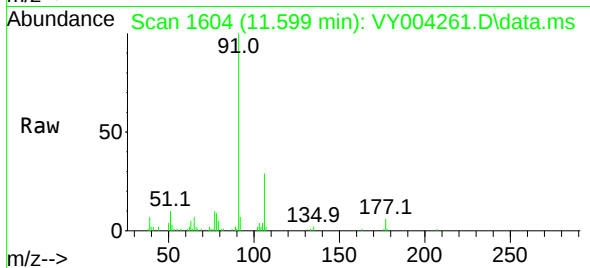




#67
Ethyl Benzene
Concen: 1.79 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

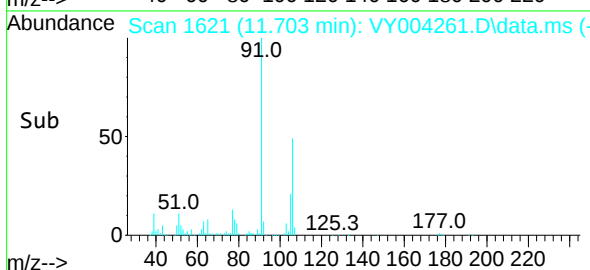
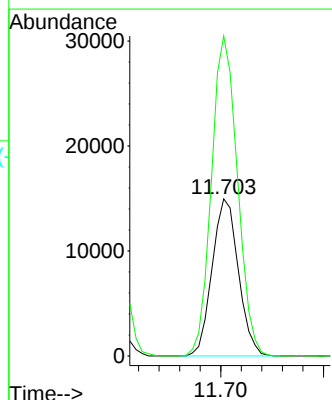
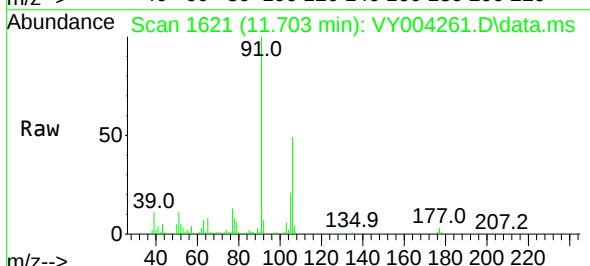
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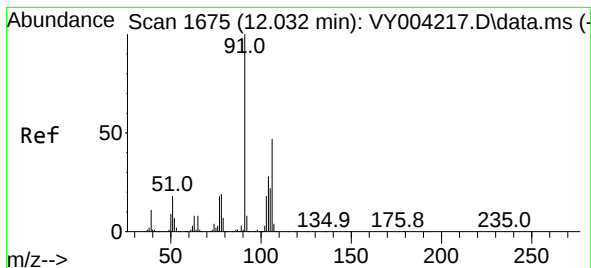
Tgt Ion: 91 Resp: 17344
Ion Ratio Lower Upper
91 100
106 29.1 25.0 37.6



#68
m/p-Xylenes
Concen: 7.09 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

Tgt Ion: 106 Resp: 26467
Ion Ratio Lower Upper
106 100
91 201.9 159.8 239.6

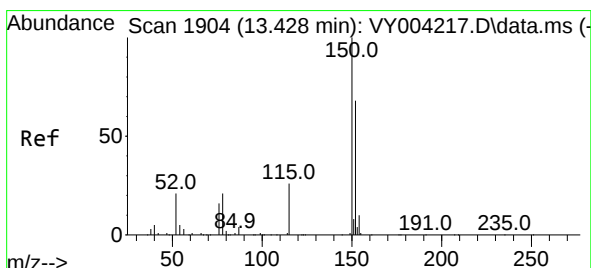
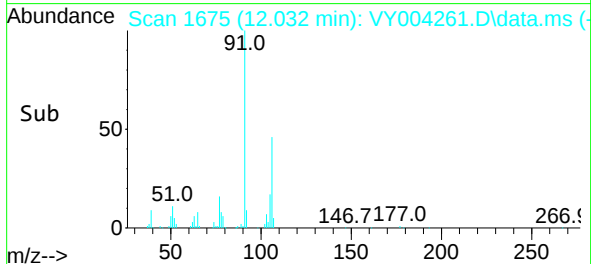
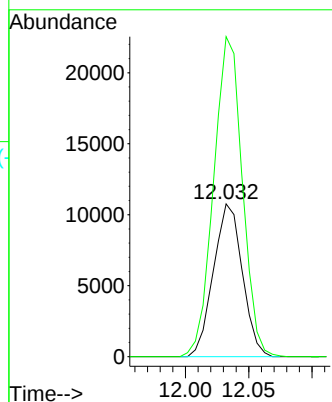
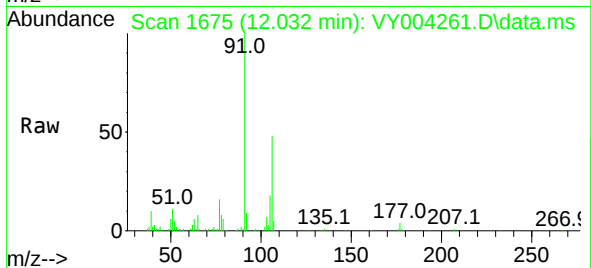




#69
o-Xylene
Concen: 4.90 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

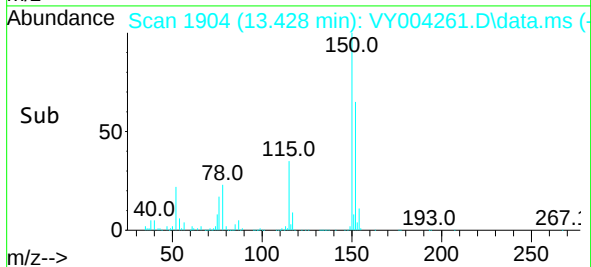
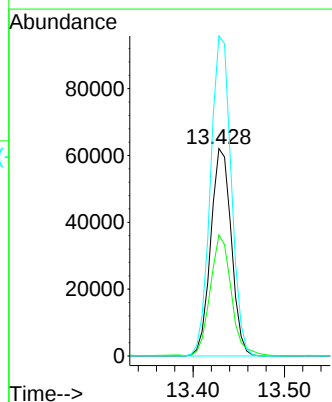
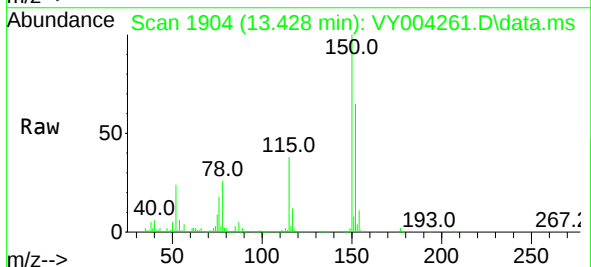
Instrument :
MSVOA_Y
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TP-6S-(0-4)

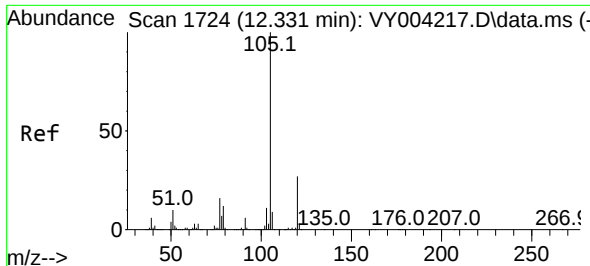
Tgt Ion:106 Resp: 17098
Ion Ratio Lower Upper
106 100
91 207.7 105.6 316.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

Tgt Ion:152 Resp: 96945
Ion Ratio Lower Upper
152 100
115 59.9 29.0 87.1
150 155.3 0.0 347.4

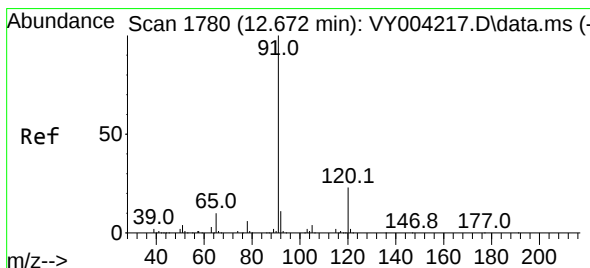
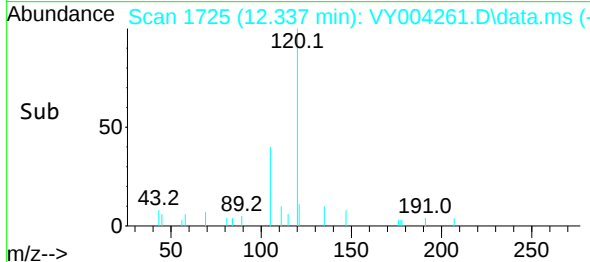
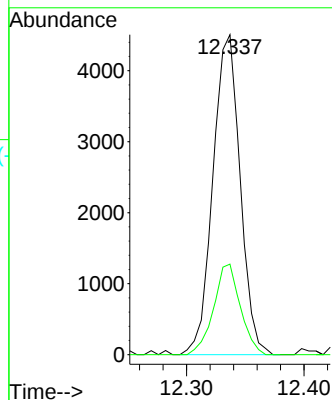
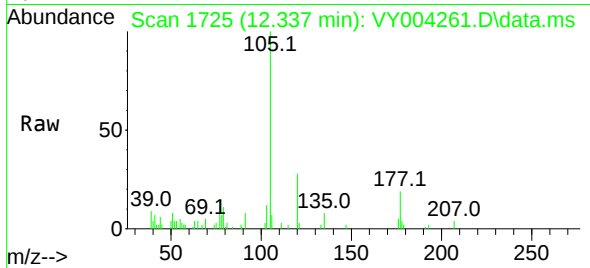




#73
Isopropylbenzene
Concen: 1.02 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

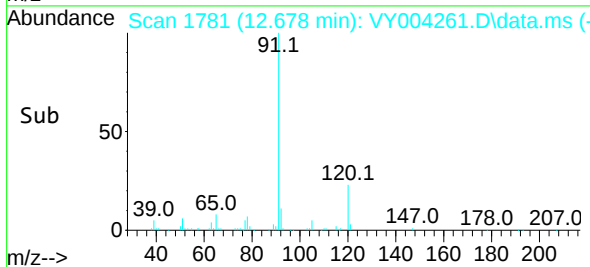
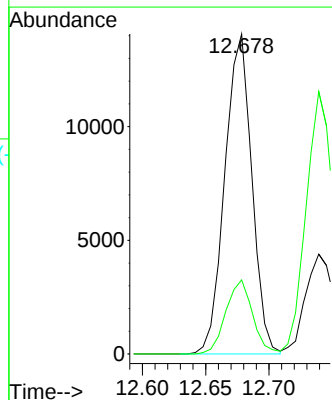
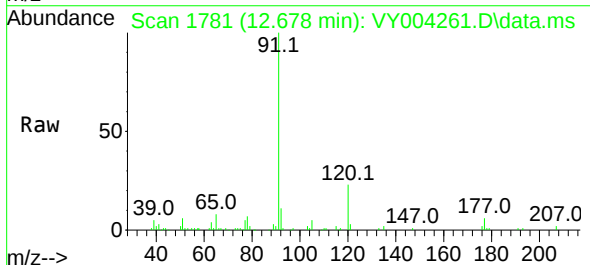
Instrument :
MSVOA_Y
ClientSampleId :
TP-6S-(0-4)

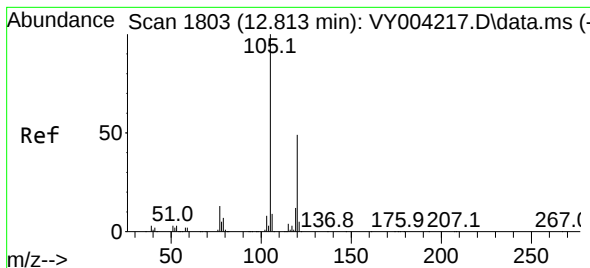
Tgt Ion: 105 Resp: 7256
Ion Ratio Lower Upper
105 100
120 27.8 13.7 41.0



#78
n-propylbenzene
Concen: 2.55 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

Tgt Ion: 91 Resp: 20875
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 5.37 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY004261.D

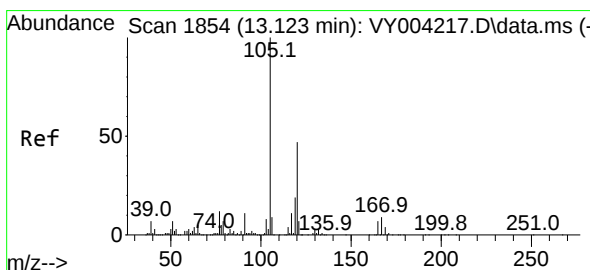
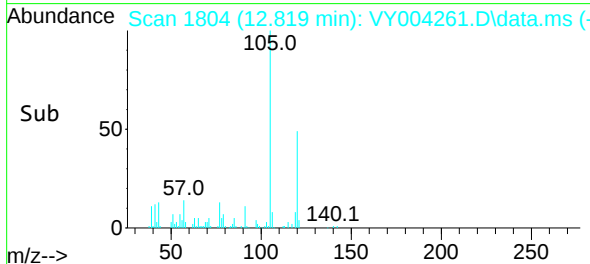
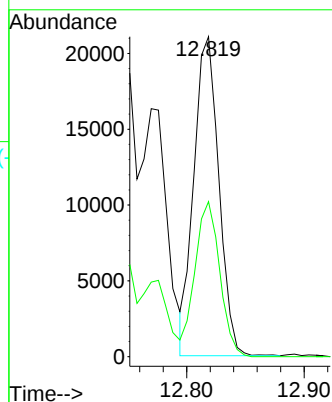
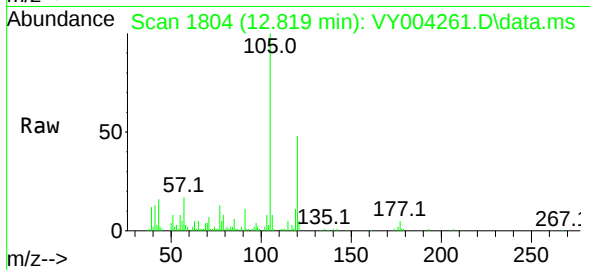
Acq: 02 Apr 2021 14:39

Tgt Ion:105 Resp: 31045

Ion Ratio Lower Upper

105 100

120 48.3 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 18.48 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY004261.D

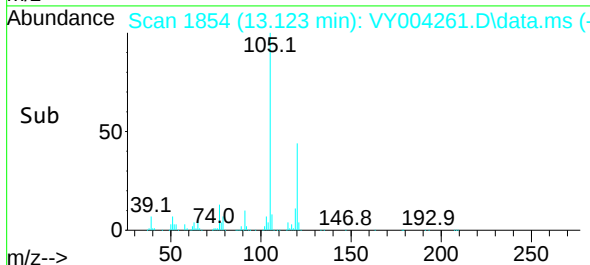
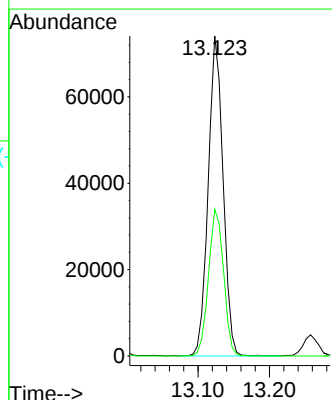
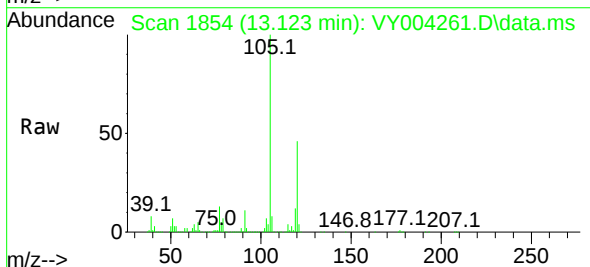
Acq: 02 Apr 2021 14:39

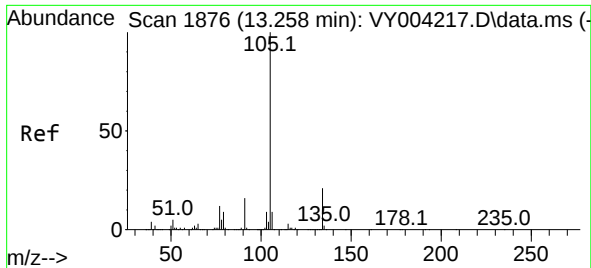
Tgt Ion:105 Resp: 107071

Ion Ratio Lower Upper

105 100

120 46.4 22.9 68.7

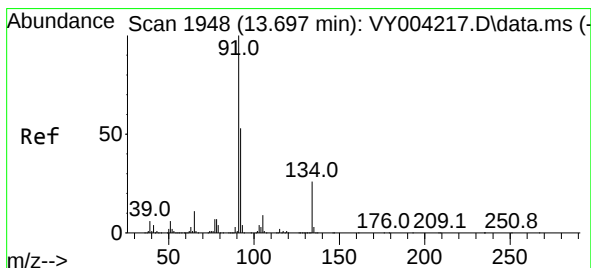
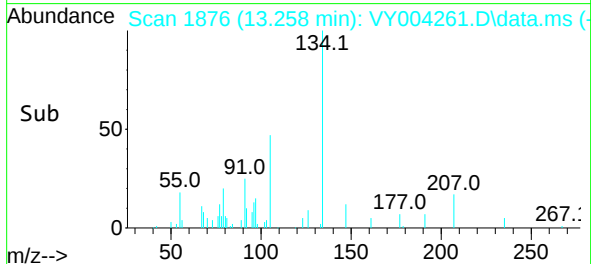
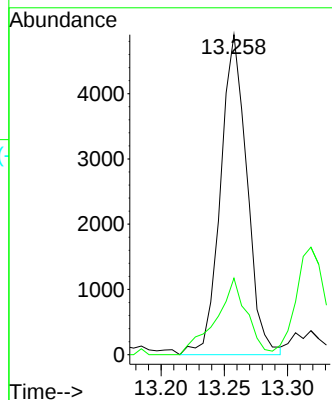
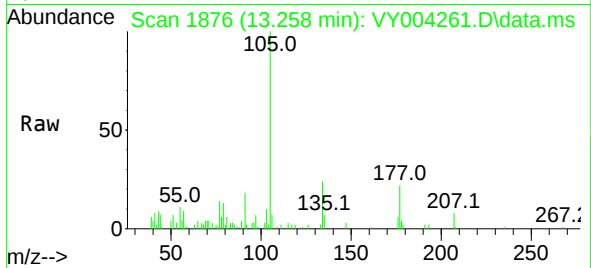




#85
sec-Butylbenzene
Concen: 1.04 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

Instrument :
MSVOA_Y
ClientSampleId :
TP-6S-(0-4)

Tgt Ion:105 Resp: 7131
Ion Ratio Lower Upper
105 100
134 28.1 10.4 31.4



#89
n-Butylbenzene
Concen: 1.15 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004261.D
Acq: 02 Apr 2021 14:39

Tgt Ion: 91 Resp: 6745
Ion Ratio Lower Upper
91 100
92 56.5 26.5 79.4
134 0.0 13.6 40.7#

