

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
 Data File : VY004684.D
 Acq On : 30 Apr 2021 13:55
 Operator : SY/MD
 Sample : M2225-01
 Misc : 7.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-042921

Quant Time: May 01 00:39:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

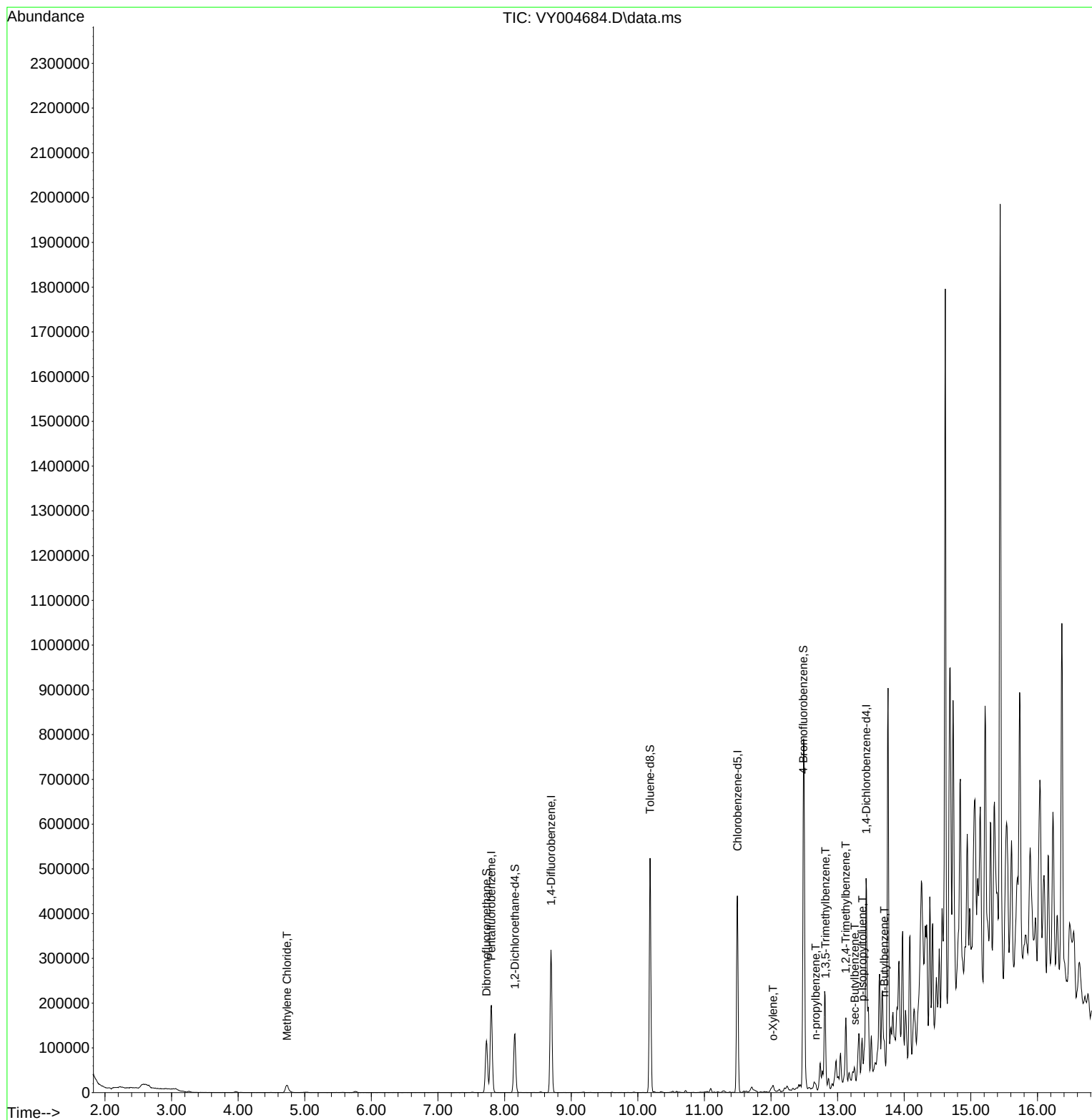
Internal Standards						
1) Pentafluorobenzene	7.801	168	145591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	258652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	226239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	101938	63.02	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.04%			
35) Dibromofluoromethane	7.728	113	78782	54.89	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.78%			
50) Toluene-d8	10.185	98	310236	50.81	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.62%			
62) 4-Bromofluorobenzene	12.483	95	98221	47.41	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.82%			
Target Compounds						Qvalue
20) Methylene Chloride	4.735	84	11712	7.50	ug/l	91
69) o-Xylene	12.032	106	3141	1.04	ug/l	93
78) n-propylbenzene	12.672	91	9183	1.13	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	25677	4.60	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	71175	12.64	ug/l	96
85) sec-Butylbenzene	13.257	105	10953	1.64	ug/l	83
86) p-Isopropyltoluene	13.373	119	9786	1.62	ug/l	96
89) n-Butylbenzene	13.702	91	27214	4.71	ug/l #	78

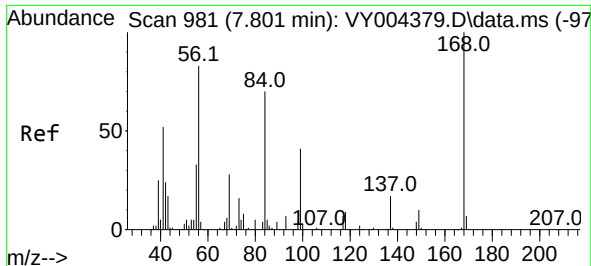
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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HD-02-042921

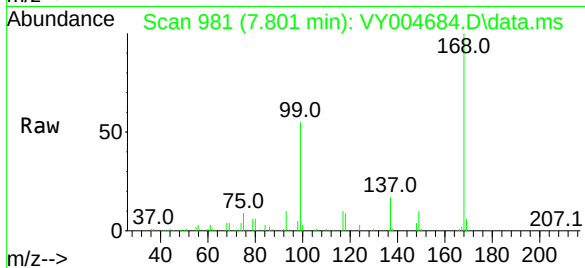
Quant Time: May 01 00:39:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



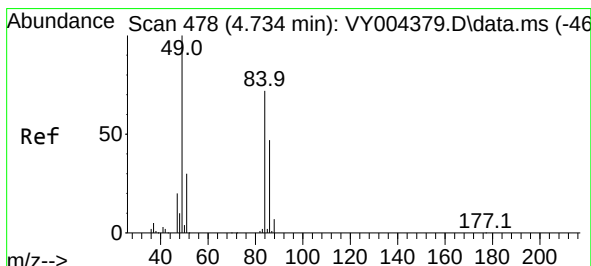
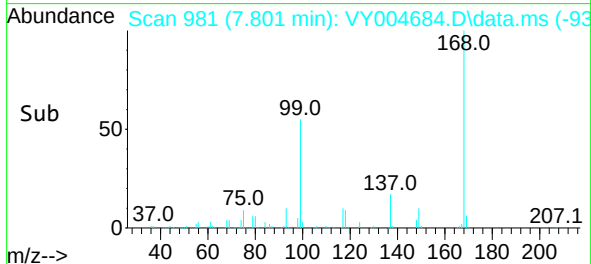
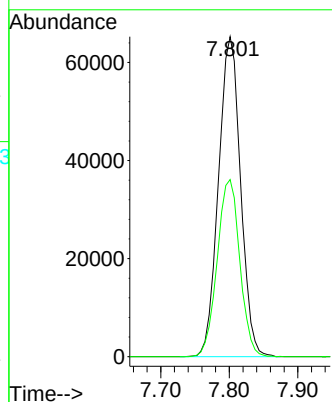


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004684.D
Acq: 30 Apr 2021 13:55

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-042921

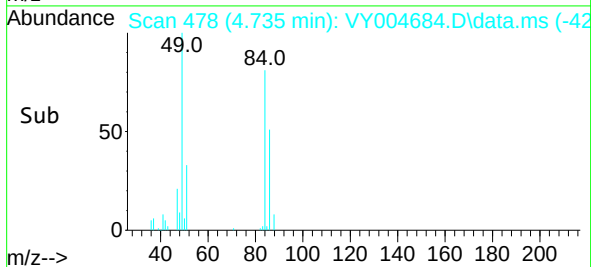
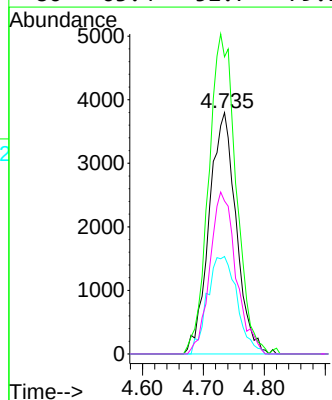
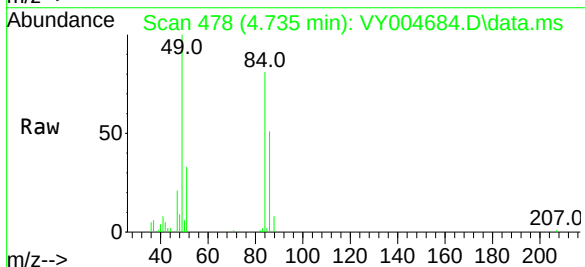


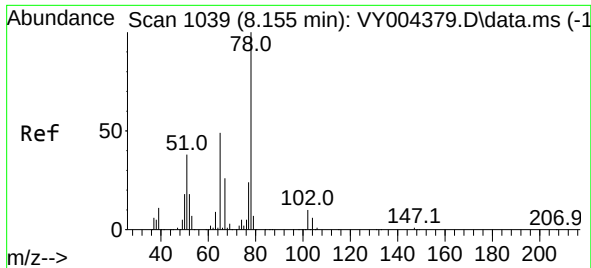
Tgt Ion:168 Resp: 145591
Ion Ratio Lower Upper
168 100
99 55.4 45.5 68.3



#20
Methylene Chloride
Concen: 7.50 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004684.D
Acq: 30 Apr 2021 13:55

Tgt Ion: 84 Resp: 11712
Ion Ratio Lower Upper
84 100
49 123.2 111.2 166.8
51 40.4 33.4 50.2
86 63.4 52.7 79.1

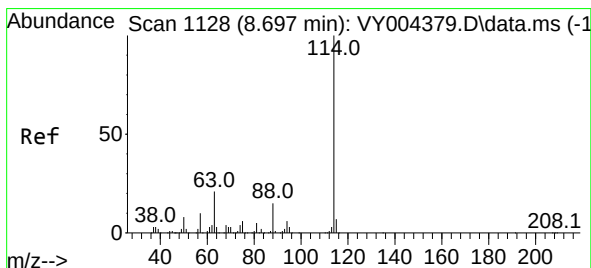
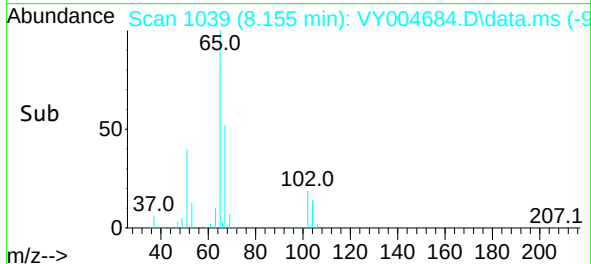
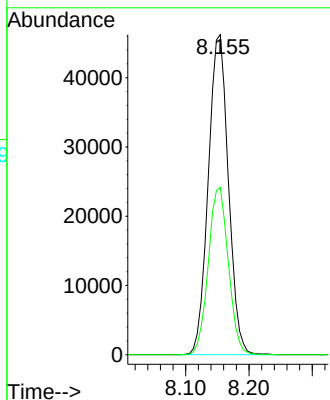
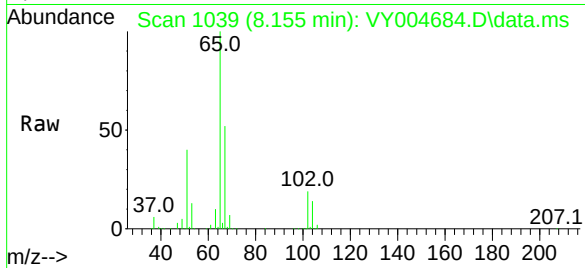




#33
1,2-Dichloroethane-d4
Concen: 63.02 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004684.D
Acq: 30 Apr 2021 13:55

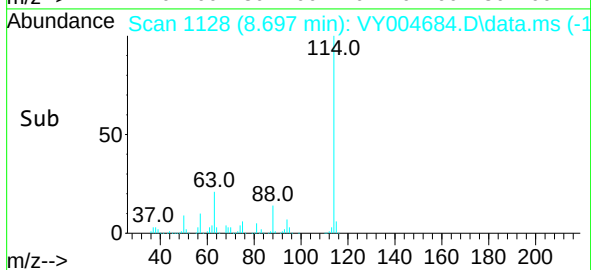
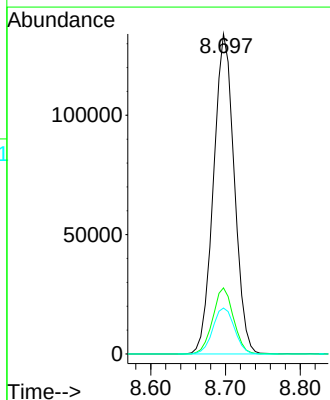
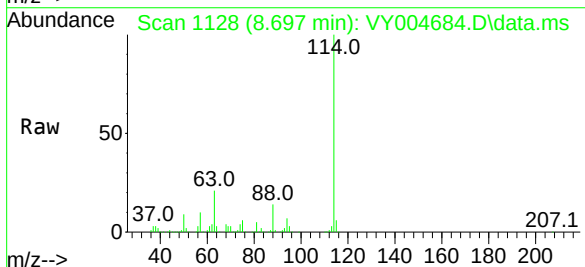
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-042921

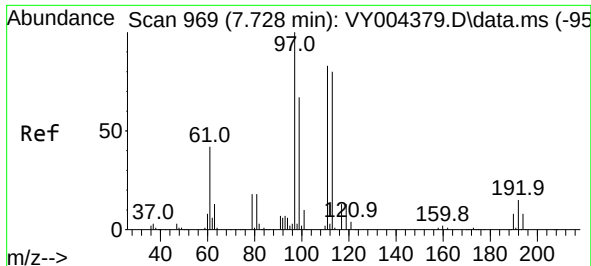
Tgt Ion: 65 Resp: 101938
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004684.D
Acq: 30 Apr 2021 13:55

Tgt Ion: 114 Resp: 258652
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 14.4 0.0 30.8

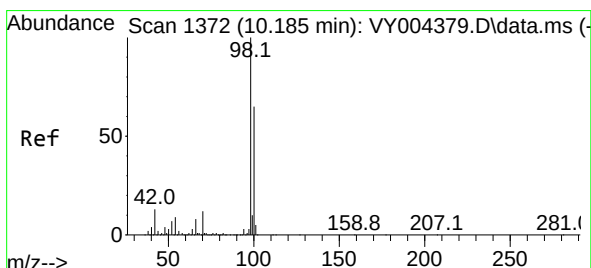
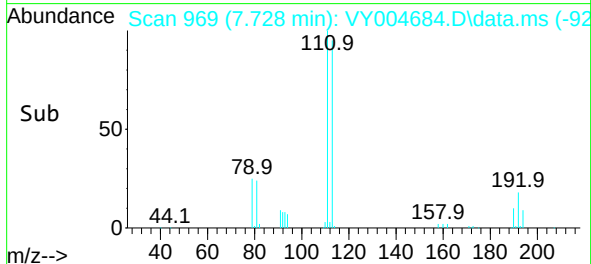
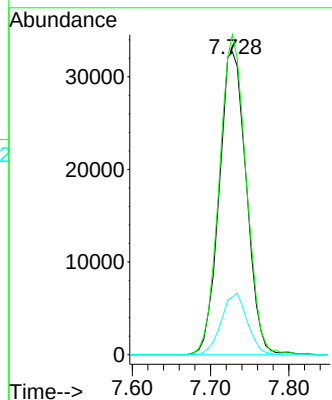
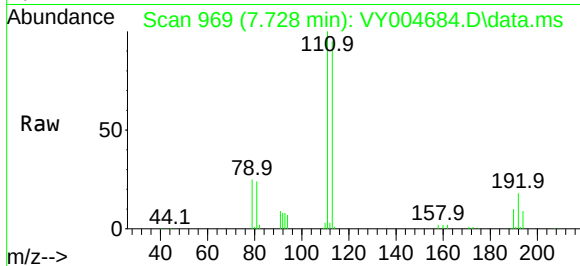




#35
Dibromofluoromethane
Concen: 54.89 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004684.D
Acq: 30 Apr 2021 13:55

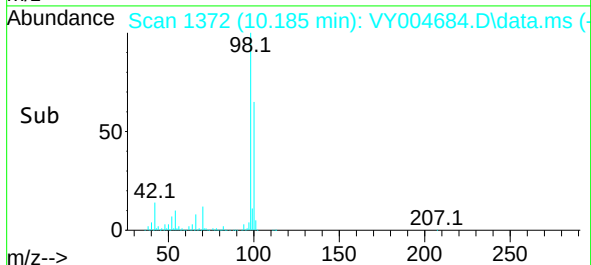
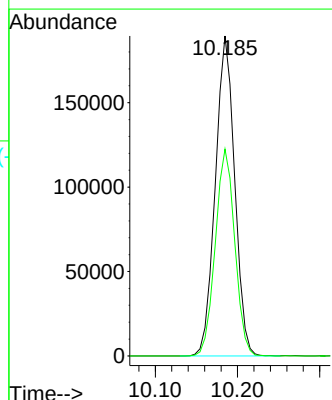
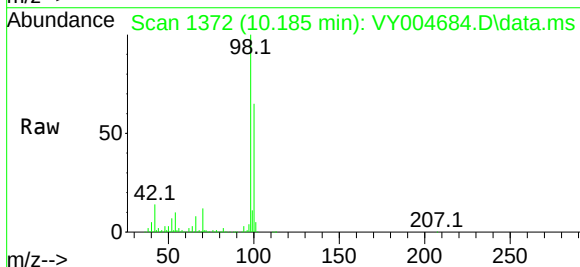
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-042921

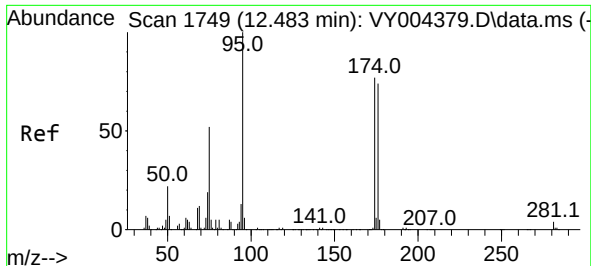
Tgt Ion:113 Resp: 78782
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 19.4 16.1 24.1



#50
Toluene-d8
Concen: 50.81 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004684.D
Acq: 30 Apr 2021 13:55

Tgt Ion: 98 Resp: 310236
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

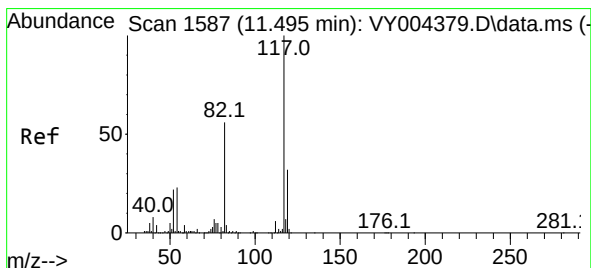
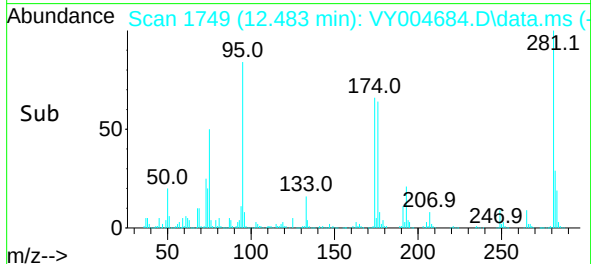
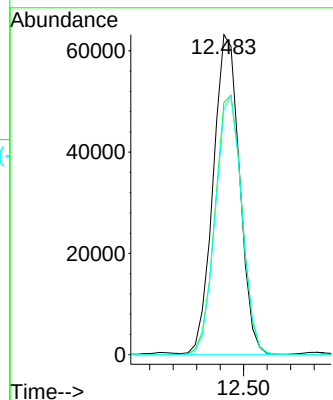
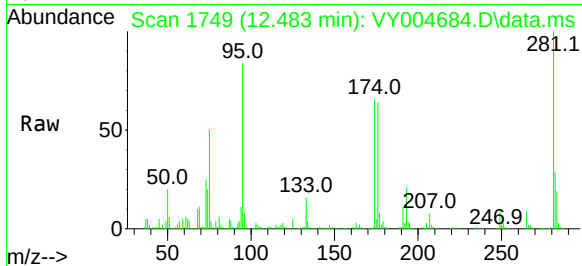




#62
4-Bromofluorobenzene
Concen: 47.41 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004684.D
Acq: 30 Apr 2021 13:55

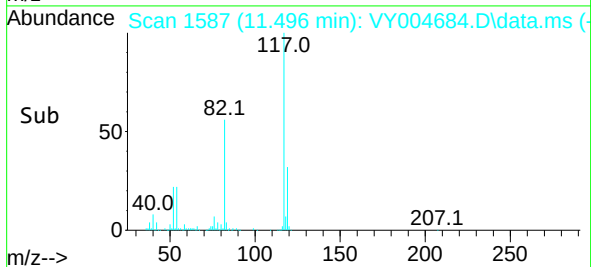
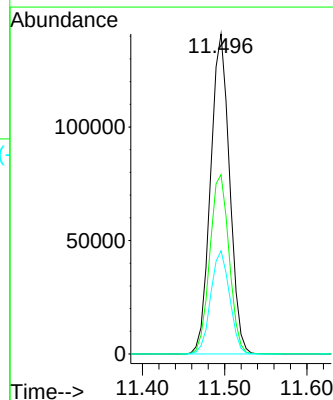
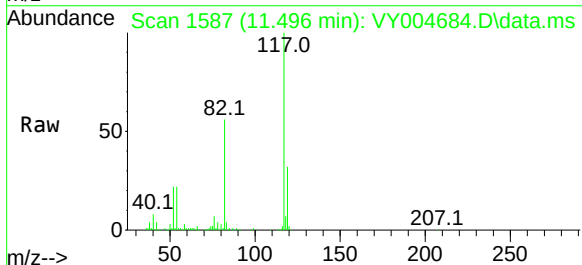
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-042921

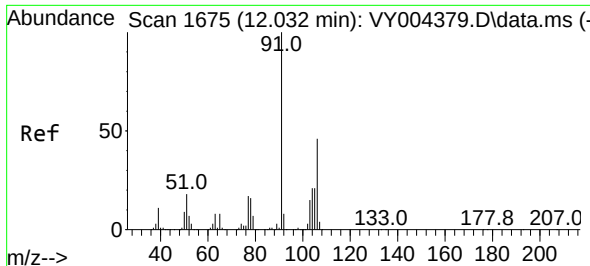
Tgt Ion:	95	Resp:	98221
Ion Ratio	Lower	Upper	
95	100		
174	82.7	0.0	162.4
176	81.2	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004684.D
Acq: 30 Apr 2021 13:55

Tgt Ion:	117	Resp:	226239
Ion Ratio	Lower	Upper	
117	100		
82	56.1	44.9	67.3
119	32.3	25.4	38.0

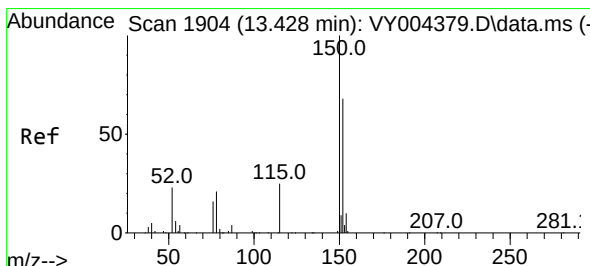
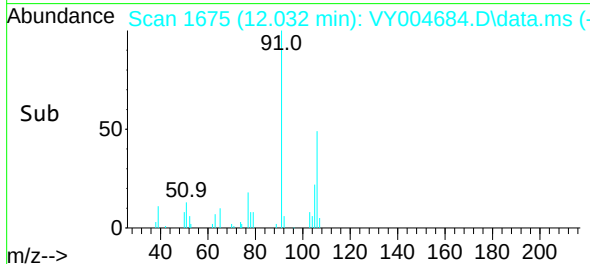
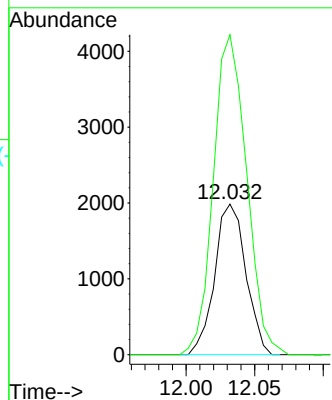
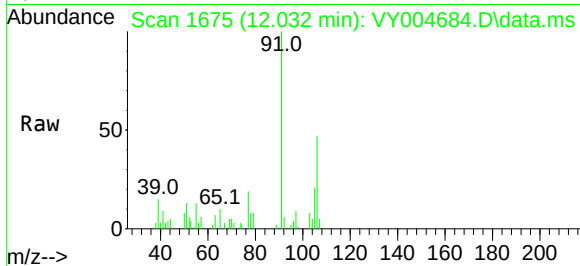




#69
o-Xylene
Concen: 1.04 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004684.D
Acq: 30 Apr 2021 13:55

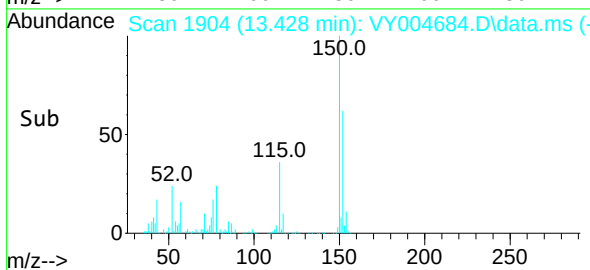
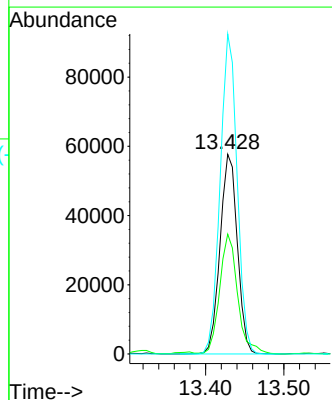
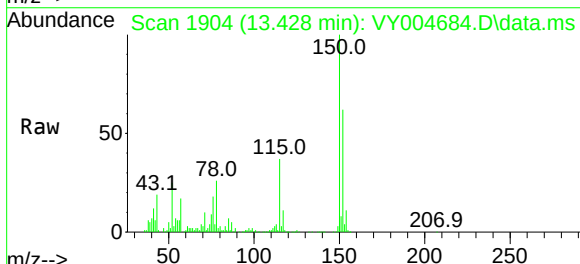
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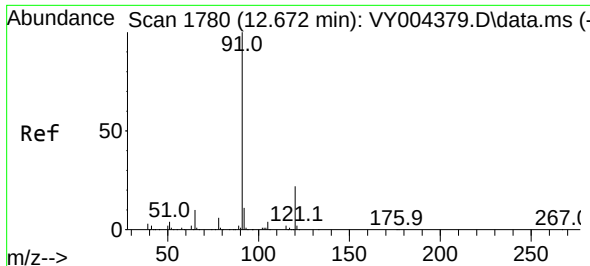
Tgt Ion:106 Resp: 3141
Ion Ratio Lower Upper
106 100
91 226.4 107.4 322.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004684.D
Acq: 30 Apr 2021 13:55

Tgt Ion:152 Resp: 88820
Ion Ratio Lower Upper
152 100
115 62.2 29.6 88.8
150 156.8 0.0 348.4

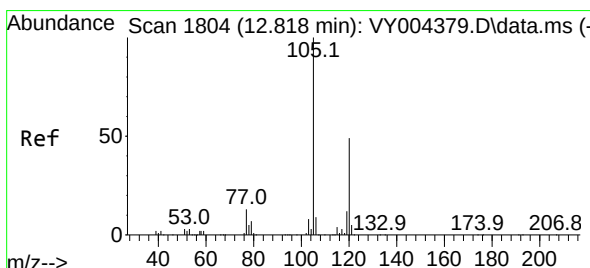
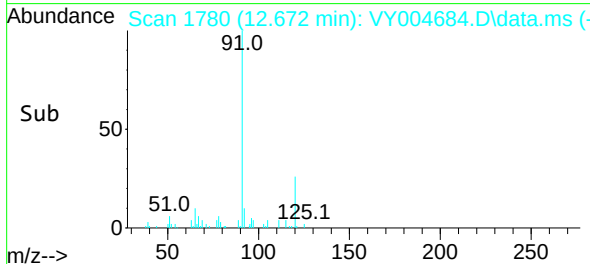
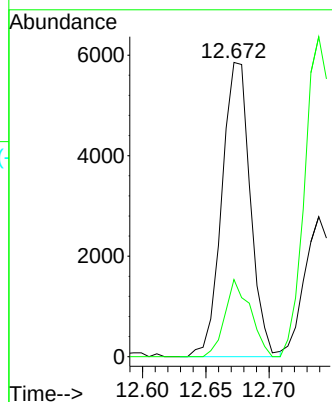
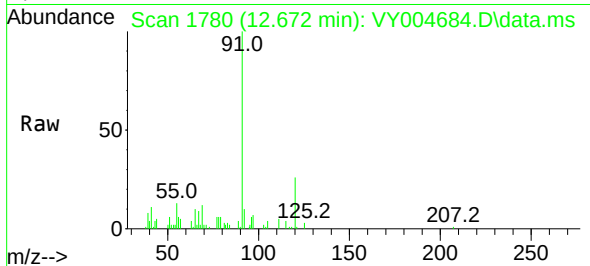




#78
n-propylbenzene
Concen: 1.13 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004684.D
Acq: 30 Apr 2021 13:55

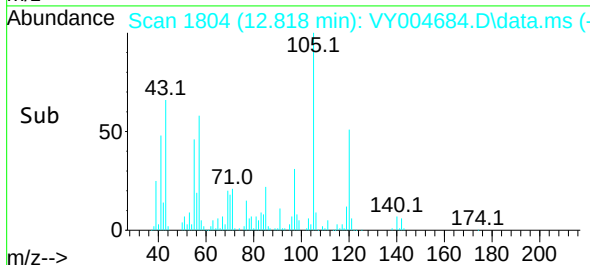
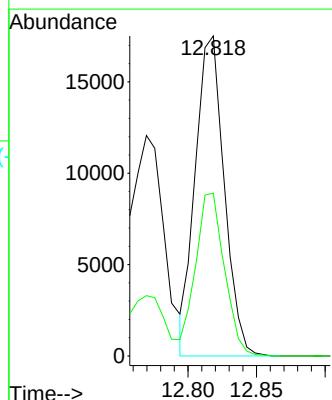
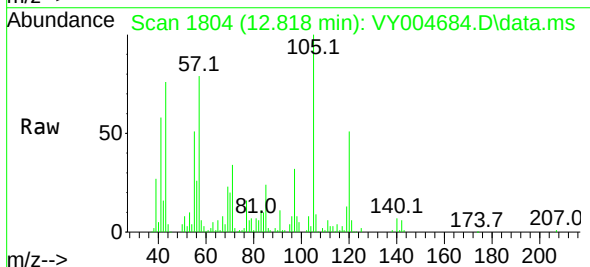
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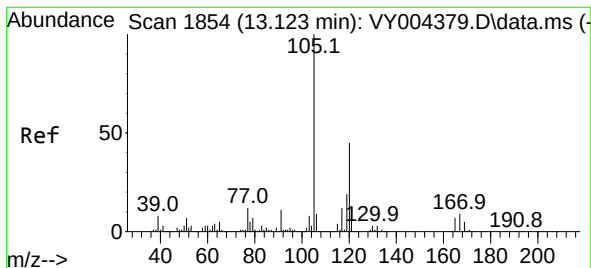
Tgt Ion: 91 Resp: 9183
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 4.60 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY004684.D
Acq: 30 Apr 2021 13:55

Tgt Ion: 105 Resp: 25677
Ion Ratio Lower Upper
105 100
120 50.8 24.6 74.0





#84

1,2,4-Trimethylbenzene

Concen: 12.64 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY004684.D

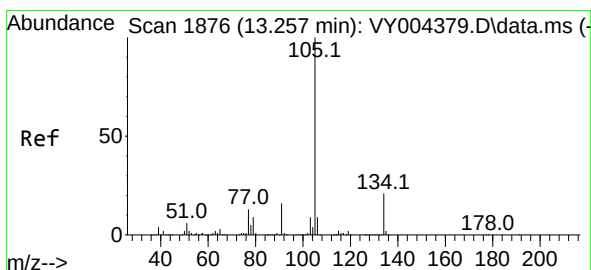
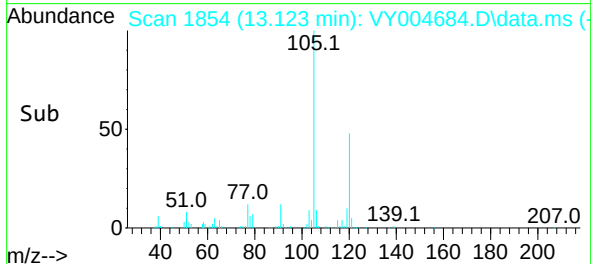
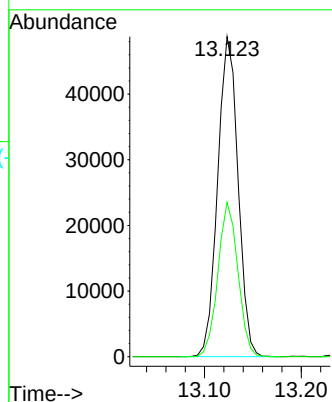
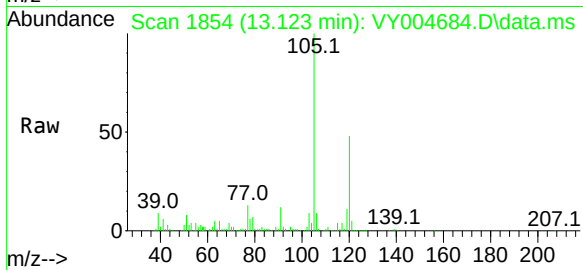
Acq: 30 Apr 2021 13:55

Tgt Ion:105 Resp: 71175

Ion Ratio Lower Upper

105 100

120 47.3 22.4 67.3



#85

sec-Butylbenzene

Concen: 1.64 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY004684.D

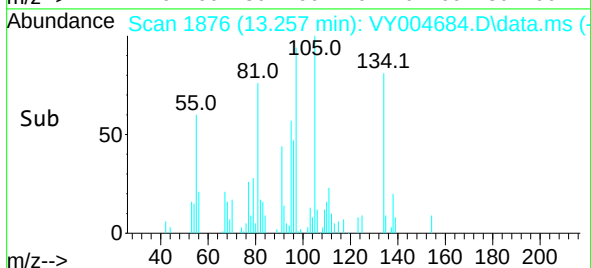
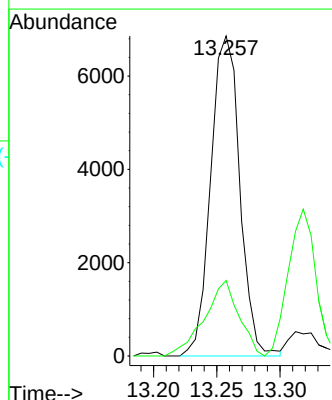
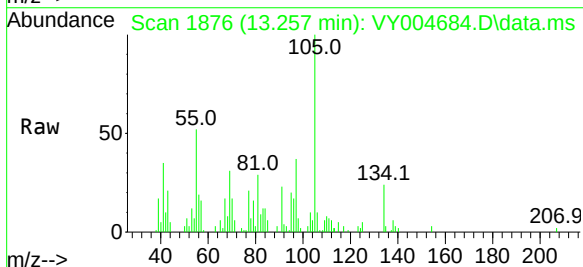
Acq: 30 Apr 2021 13:55

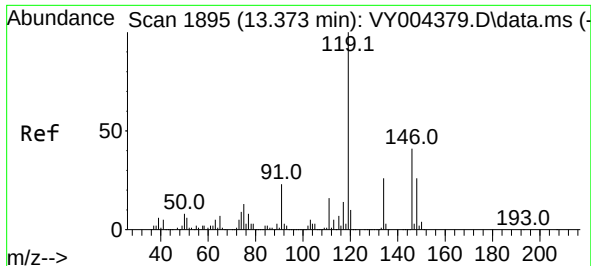
Tgt Ion:105 Resp: 10953

Ion Ratio Lower Upper

105 100

134 28.0 10.1 30.3

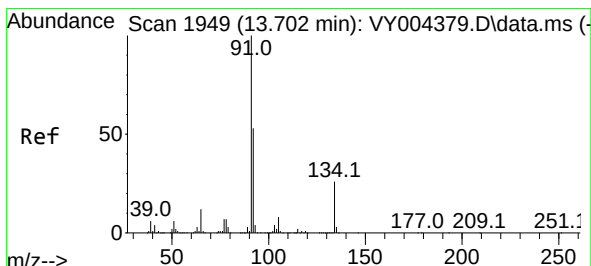
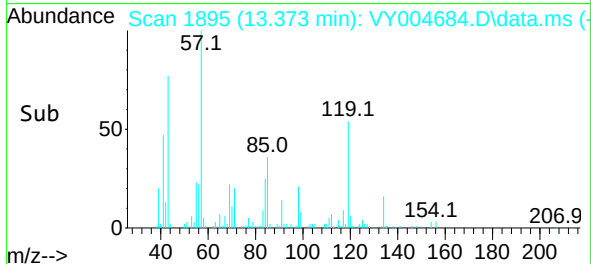
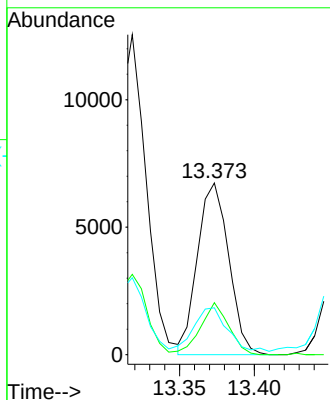
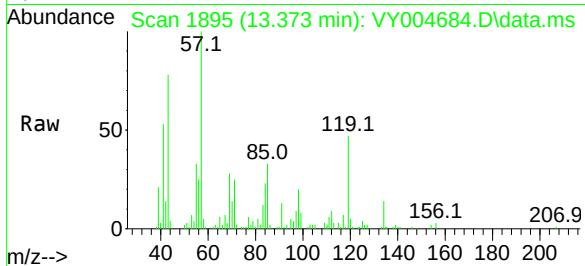




#86
p-Isopropyltoluene
Concen: 1.62 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY004684.D
Acq: 30 Apr 2021 13:55

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-042921

Tgt Ion:119 Resp: 9786
Ion Ratio Lower Upper
119 100
134 27.5 13.3 39.8
91 27.0 11.9 35.7



#89
n-Butylbenzene
Concen: 4.71 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY004684.D
Acq: 30 Apr 2021 13:55

Tgt Ion: 91 Resp: 27214
Ion Ratio Lower Upper
91 100
92 59.5 26.6 79.8
134 0.0 12.7 38.1#

