

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004465.D
 Acq On : 16 Apr 2021 13:25
 Operator : SY/MD
 Sample : M2051-07
 Misc : 5.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0124019

Quant Time: Apr 17 00:53:41 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)

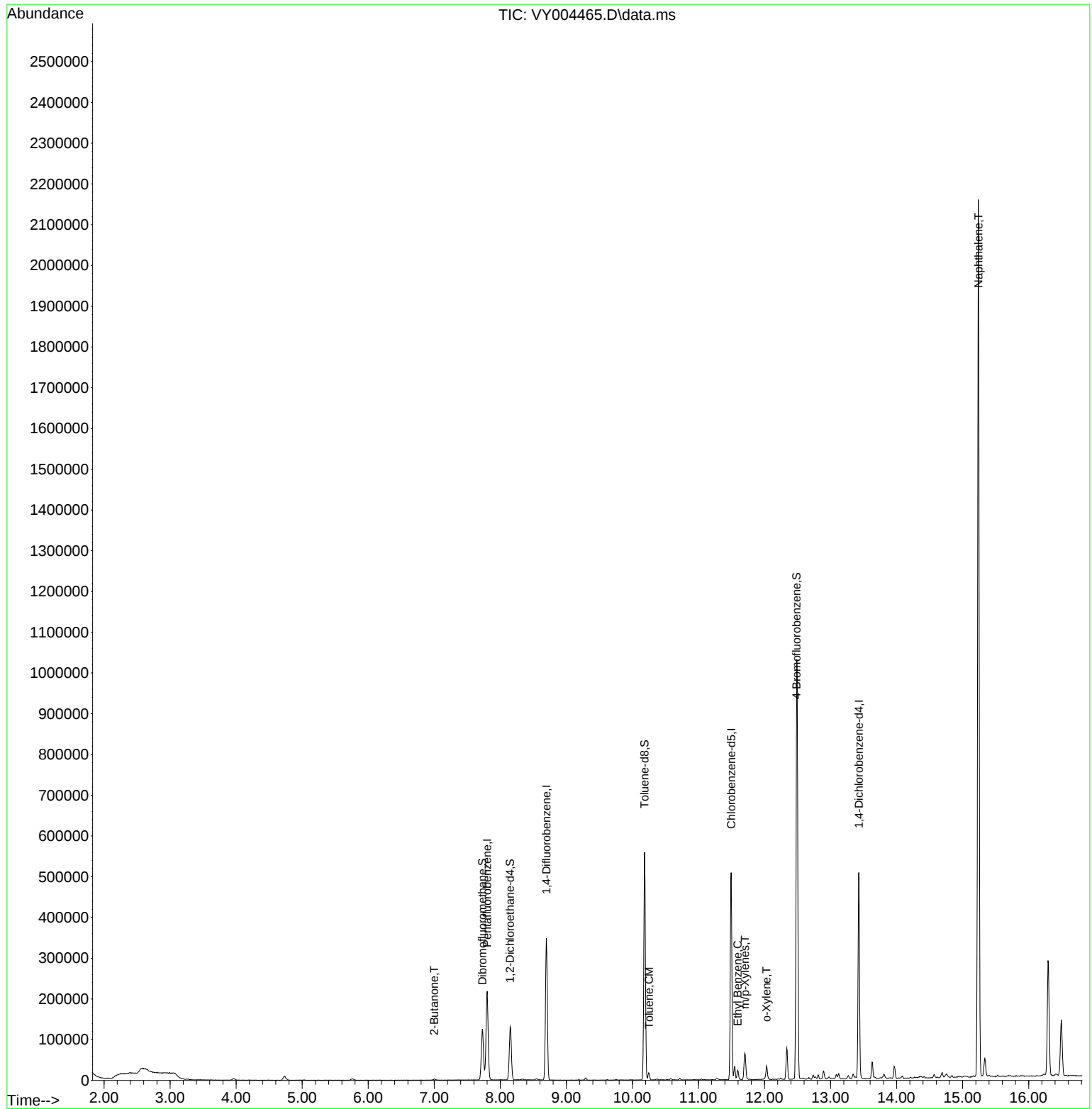
Internal Standards						
1) Pentafluorobenzene	7.801	168	162649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	282162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	262121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100063	55.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.74%	
35) Dibromofluoromethane	7.728	113	85621	54.68	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.36%	
50) Toluene-d8	10.185	98	348848	52.38	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.76%	
62) 4-Bromofluorobenzene	12.483	95	121480	53.75	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.50%	
Target Compounds						Qvalue
25) 2-Butanone	6.996	43	4331	6.29	ug/l	# 85
52) Toluene	10.252	92	7261	1.42	ug/l	97
67) Ethyl Benzene	11.593	91	14961	1.49	ug/l	93
68) m/p-Xylenes	11.703	106	18797	5.05	ug/l	99
69) o-Xylene	12.032	106	7509	2.15	ug/l	98
95) Naphthalene	15.239	128	1627724	327.38	ug/l	100

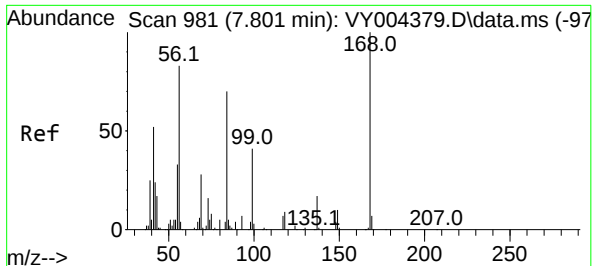
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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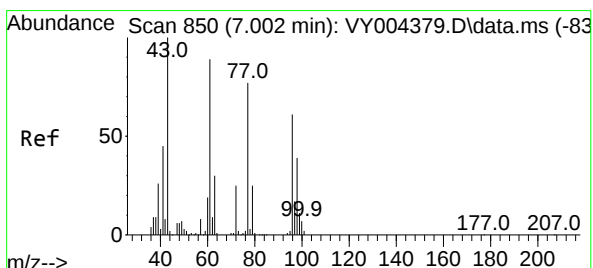
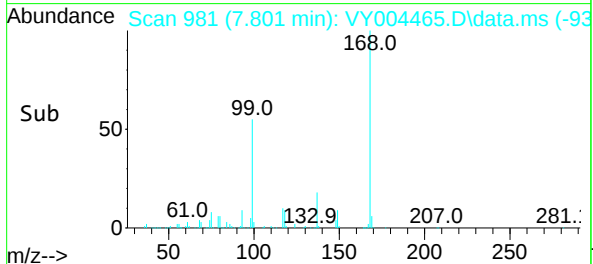
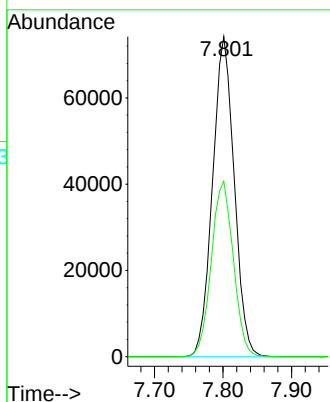
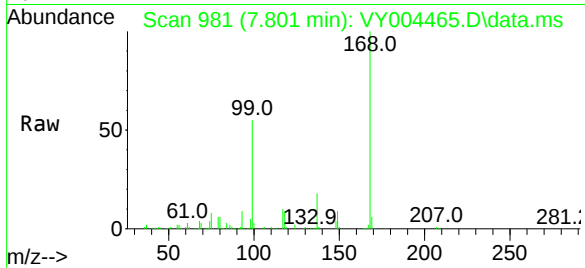




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004465.D
Acq: 16 Apr 2021 13:25

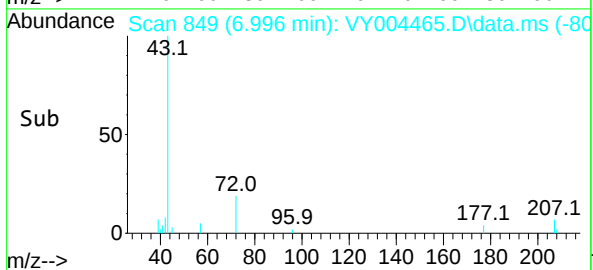
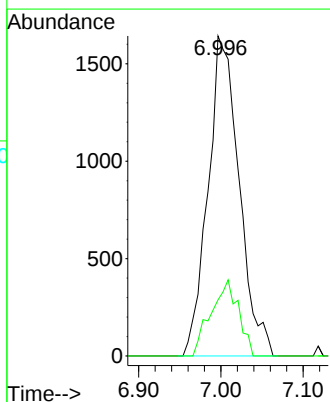
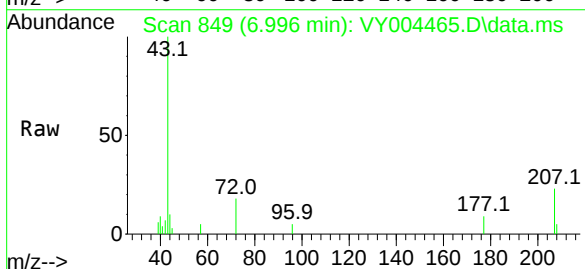
Instrument :
MSVOA_Y
ClientSampleId :
0124019

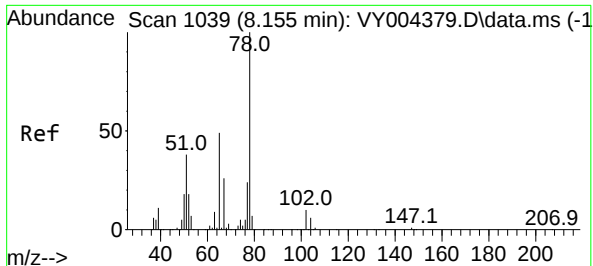
Tgt Ion:168 Resp: 162649
Ion Ratio Lower Upper
168 100
99 54.8 45.5 68.3



#25
2-Butanone
Concen: 6.29 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004465.D
Acq: 16 Apr 2021 13:25

Tgt Ion: 43 Resp: 4331
Ion Ratio Lower Upper
43 100
72 17.6 20.2 30.2#

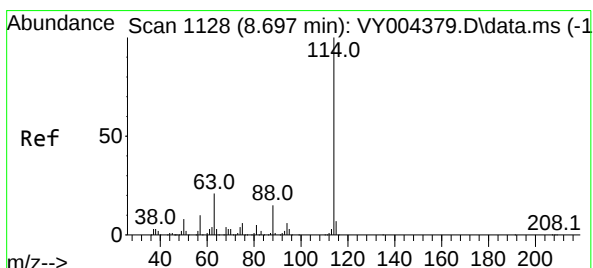
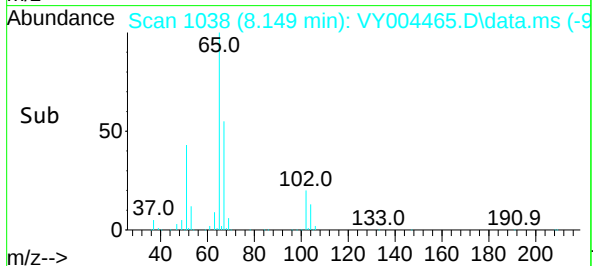
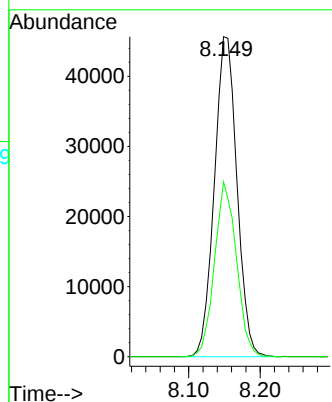
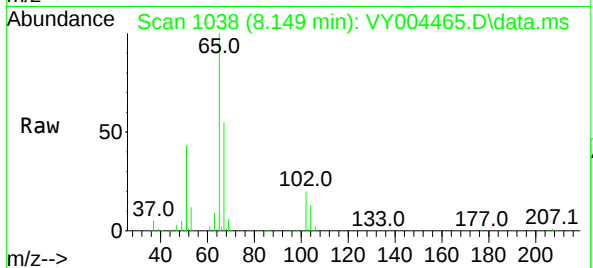




#33
1,2-Dichloroethane-d4
Concen: 55.37 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004465.D
Acq: 16 Apr 2021 13:25

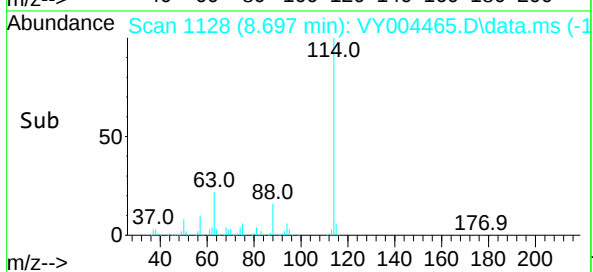
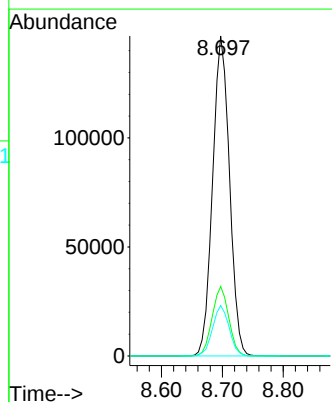
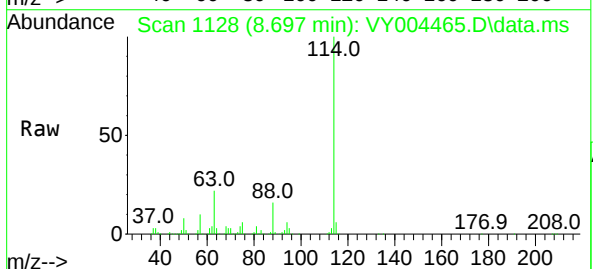
Instrument :
MSVOA_Y
ClientSampleId :
0124019

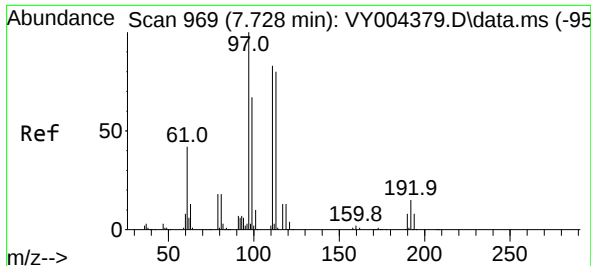
Tgt Ion: 65 Resp: 100063
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004465.D
Acq: 16 Apr 2021 13:25

Tgt Ion: 114 Resp: 282162
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.4
88 15.8 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: VY004465.D

Acq: 16 Apr 2021 13:25

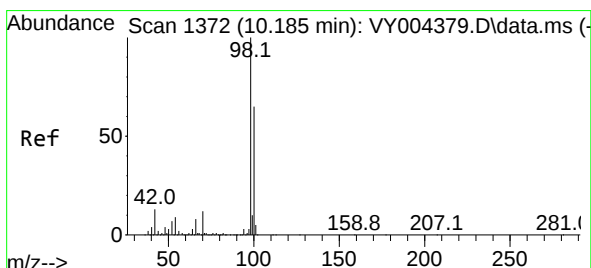
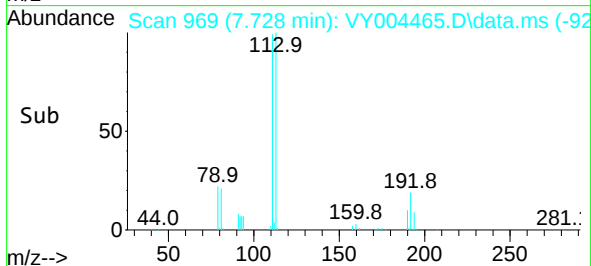
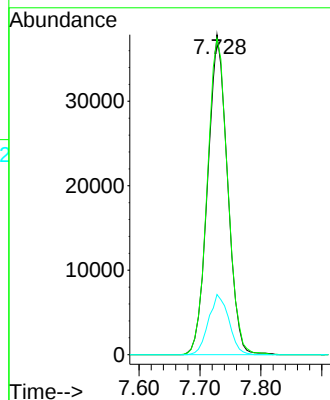
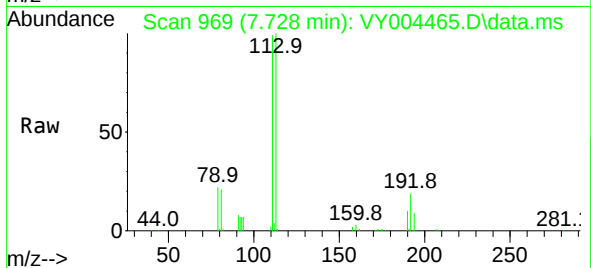
Tgt Ion:113 Resp: 85621

Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 19.3 16.1 24.1



#50

Toluene-d8

Concen: 52.38 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY004465.D

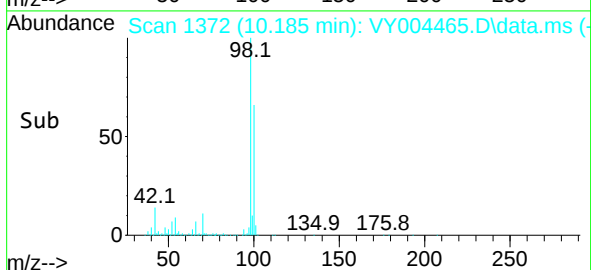
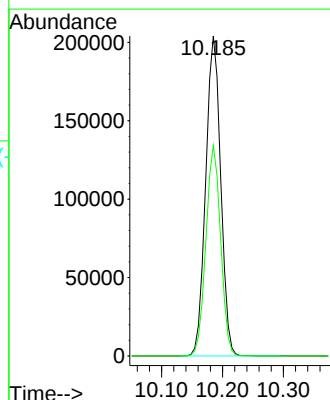
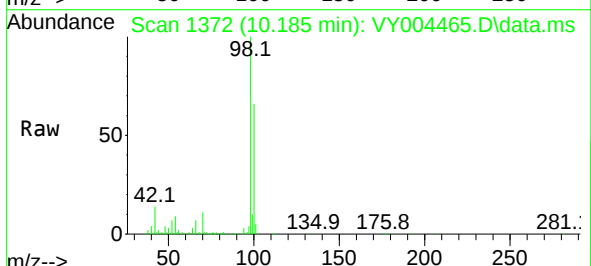
Acq: 16 Apr 2021 13:25

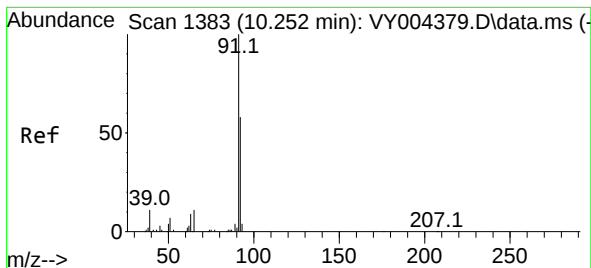
Tgt Ion: 98 Resp: 348848

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6





#52

Toluene

Concen: 1.42 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.000 min

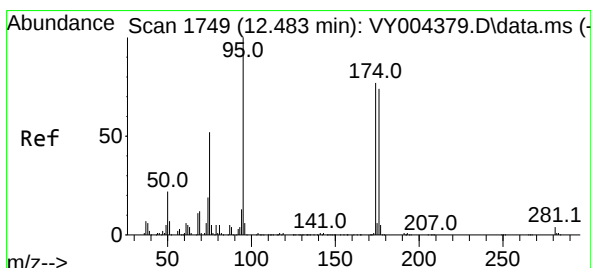
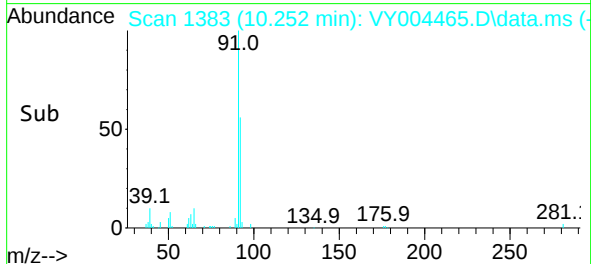
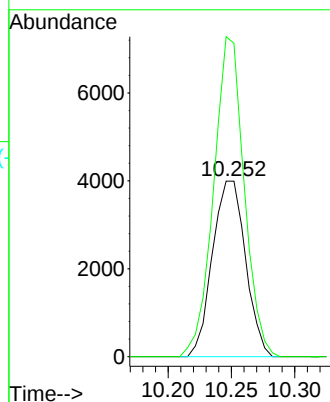
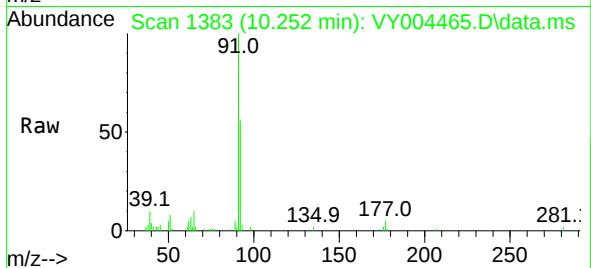
Lab File: VY004465.D

Acq: 16 Apr 2021 13:25

Tgt Ion: 92 Resp: 7261

Ion	Ratio	Lower	Upper
92	100		
91	168.3	137.8	206.6

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#62

4-Bromofluorobenzene

Concen: 53.75 ug/l

RT: 12.483 min Scan# 1749

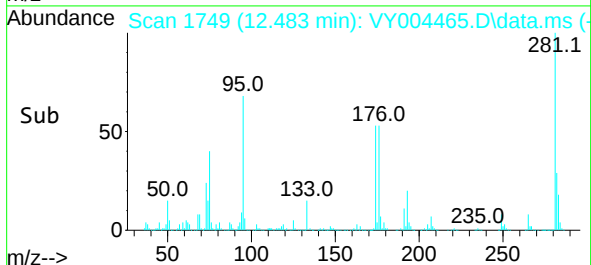
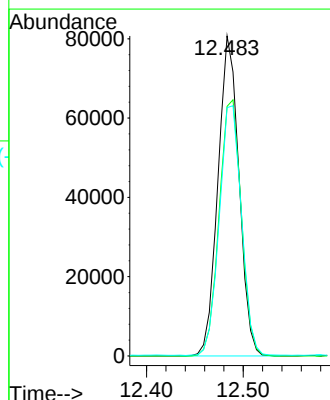
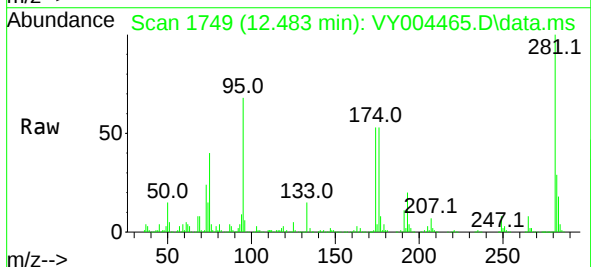
Delta R.T. 0.000 min

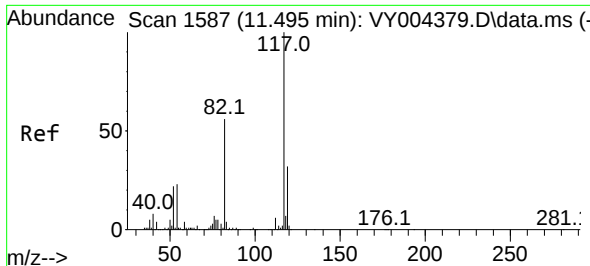
Lab File: VY004465.D

Acq: 16 Apr 2021 13:25

Tgt Ion: 95 Resp: 121480

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	162.4
176	82.7	0.0	156.0

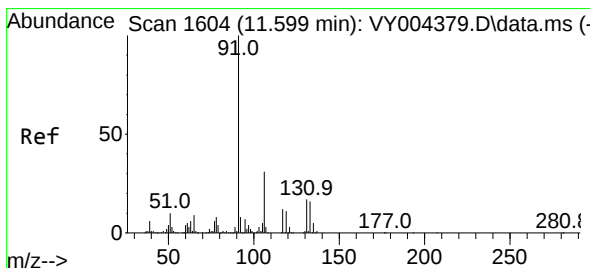
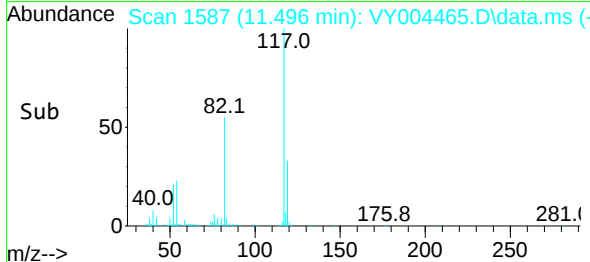
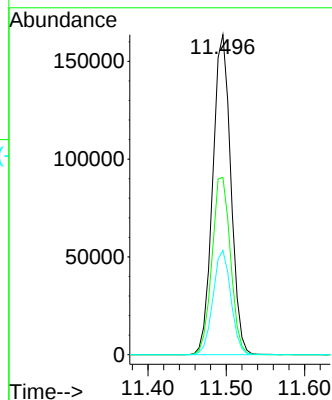
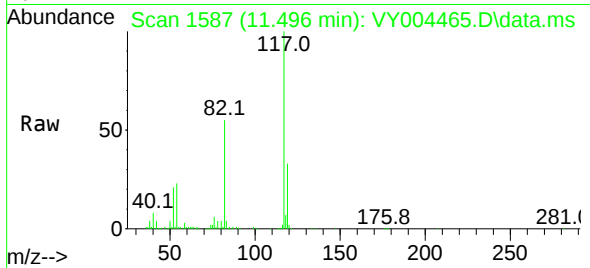




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004465.D
Acq: 16 Apr 2021 13:25

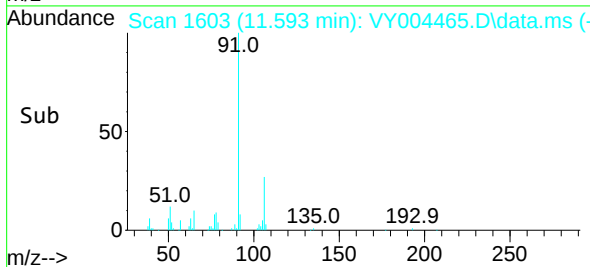
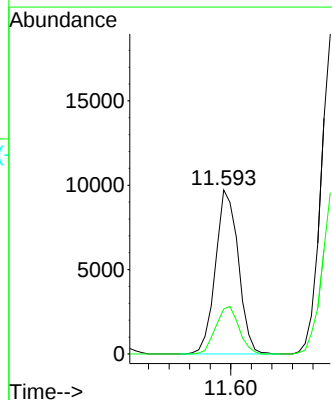
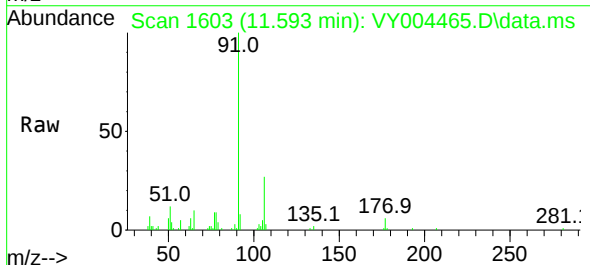
Instrument :
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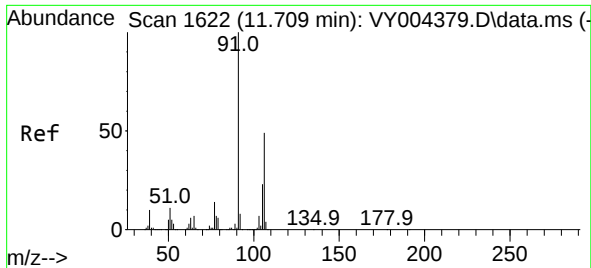
Tgt Ion:117	Resp: 262121
Ion Ratio	Lower Upper
117 100	
82 55.4	44.9 67.3
119 32.6	25.4 38.0



#67
Ethyl Benzene
Concen: 1.49 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY004465.D
Acq: 16 Apr 2021 13:25

Tgt Ion: 91	Resp: 14961
Ion Ratio	Lower Upper
91 100	
106 27.5	25.1 37.7

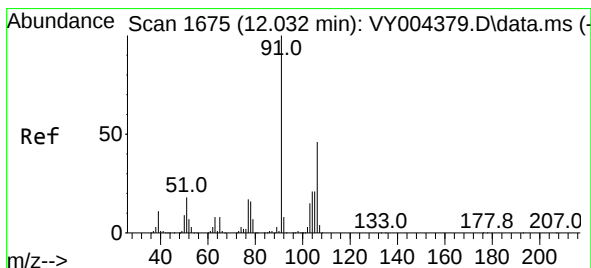
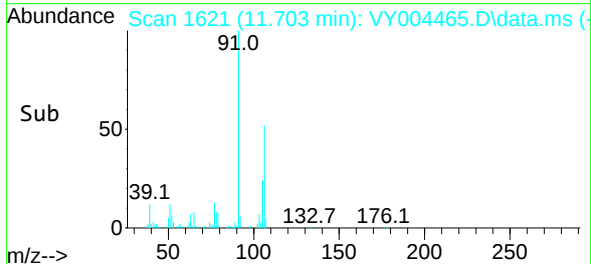
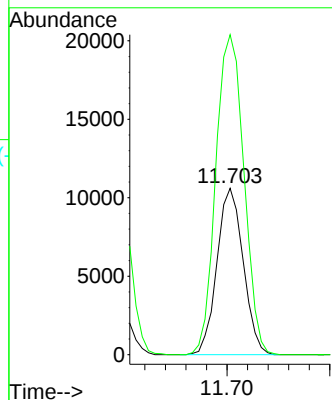
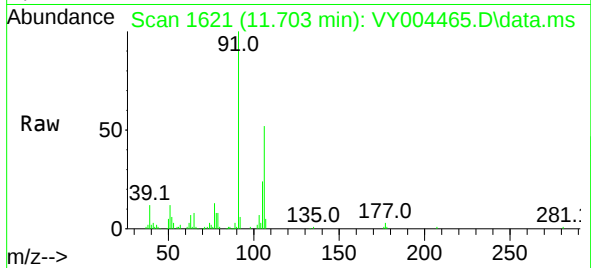




#68
m/p-Xylenes
Concen: 5.05 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004465.D
Acq: 16 Apr 2021 13:25

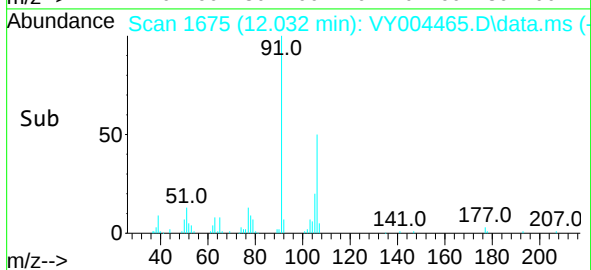
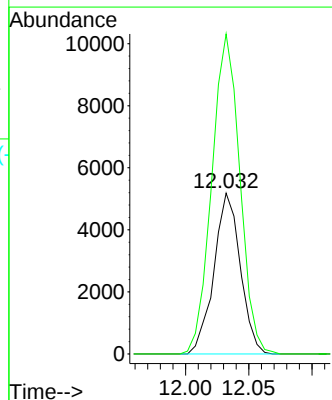
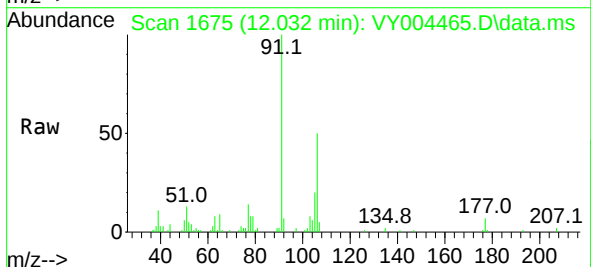
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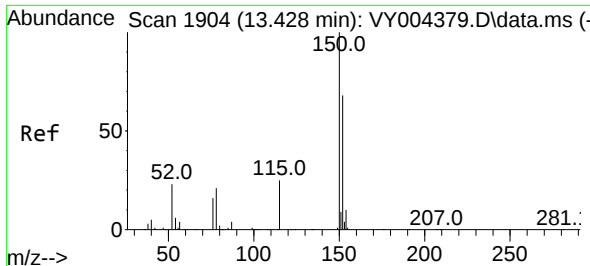
Tgt Ion:106 Resp: 18797
Ion Ratio Lower Upper
106 100
91 205.8 163.2 244.8



#69
o-Xylene
Concen: 2.15 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004465.D
Acq: 16 Apr 2021 13:25

Tgt Ion:106 Resp: 7509
Ion Ratio Lower Upper
106 100
91 211.2 107.4 322.2

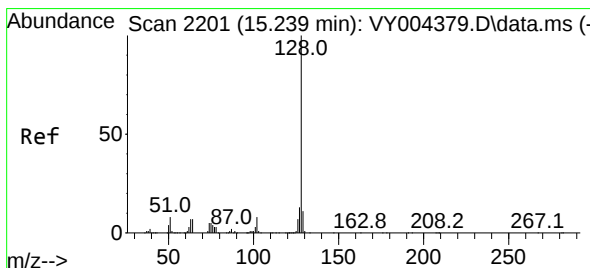
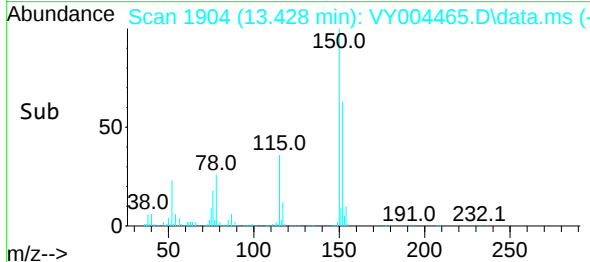
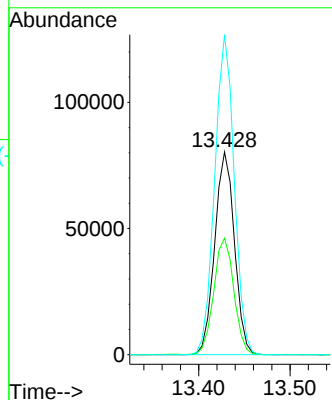
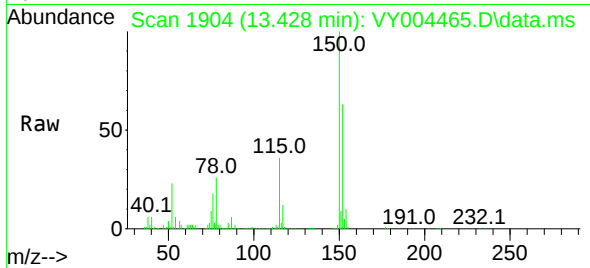




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004465.D
Acq: 16 Apr 2021 13:25

Instrument :
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Tgt Ion:152 Resp: 120454
Ion Ratio Lower Upper
152 100
115 58.5 29.6 88.8
150 156.4 0.0 348.4



#95
Naphthalene
Concen: 327.38 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004465.D
Acq: 16 Apr 2021 13:25

Tgt Ion:128 Resp: 1627724
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.8 13.2

