

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006784.D
 Acq On : 17 Nov 2021 13:33
 Operator : SY/MD
 Sample : M4693-03
 Misc : 5.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UT-COMP-02

Quant Time: Nov 18 03:01:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	106028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	178817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	161378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82820	59.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.200%
35) Dibromofluoromethane	7.728	113	56829	51.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.480%
50) Toluene-d8	10.185	98	242297	53.309	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.620%
62) 4-Bromofluorobenzene	12.483	95	67066	43.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.540%

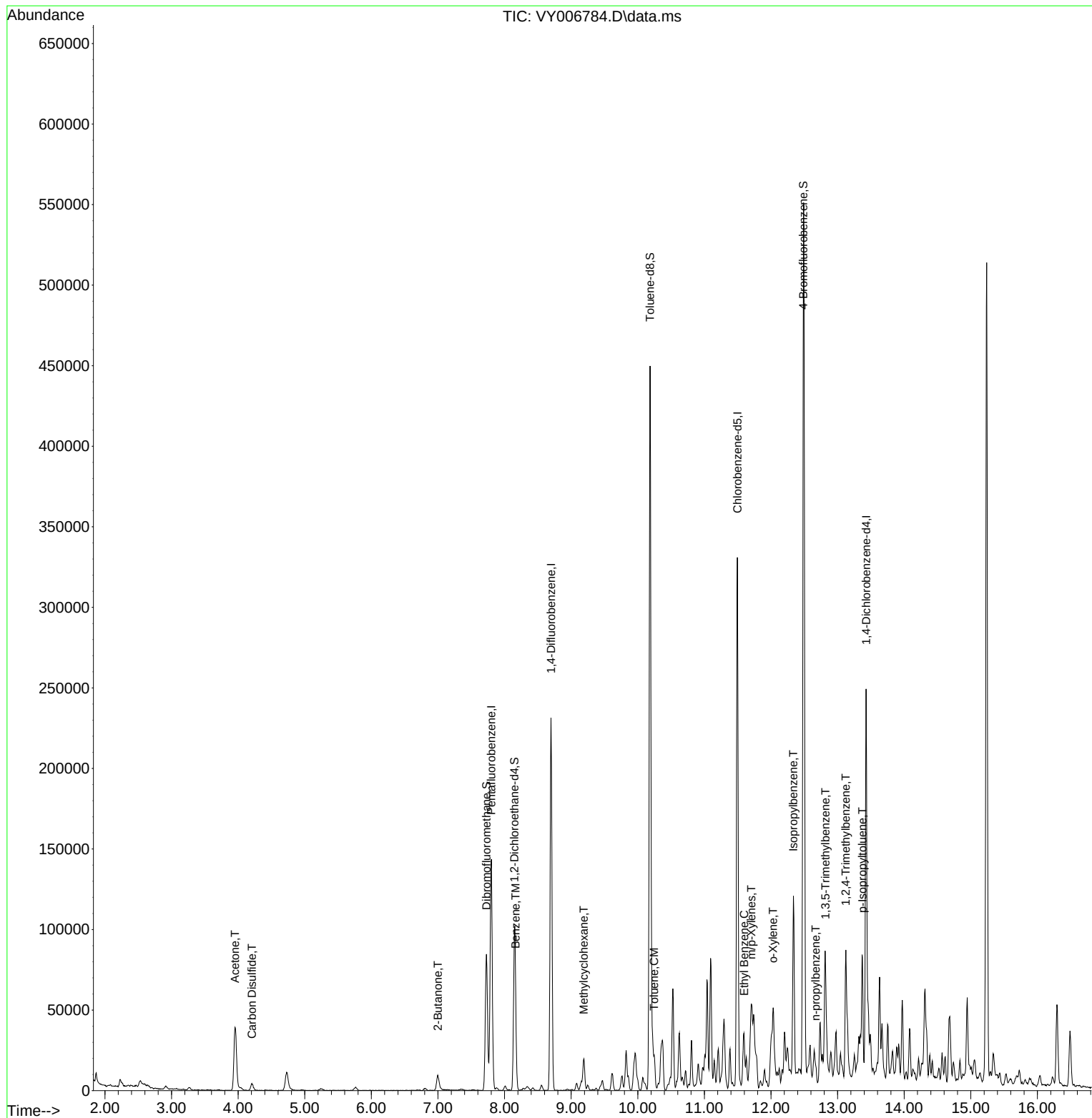
Target Compounds						Qvalue
16) Acetone	3.954	43	72968	172.825	ug/l	95
17) Carbon Disulfide	4.204	76	6940	1.915	ug/l #	95
25) 2-Butanone	6.997	43	14663	34.286	ug/l	98
39) Methylcyclohexane	9.191	83	7405	3.124	ug/l #	87
40) Benzene	8.167	78	5665	1.035	ug/l	97
52) Toluene	10.246	92	7540	2.269	ug/l	93
67) Ethyl Benzene	11.599	91	14423	2.318	ug/l	94
68) m/p-Xylenes	11.703	106	10184	4.294	ug/l	99
69) o-Xylene	12.032	106	8962	3.989	ug/l	89
73) Isopropylbenzene	12.337	105	18250	4.398	ug/l	92
78) n-propylbenzene	12.672	91	8111	1.604	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	22978	6.757	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	39314	11.579	ug/l	98
86) p-Isopropyltoluene	13.373	119	36835	9.893	ug/l	97

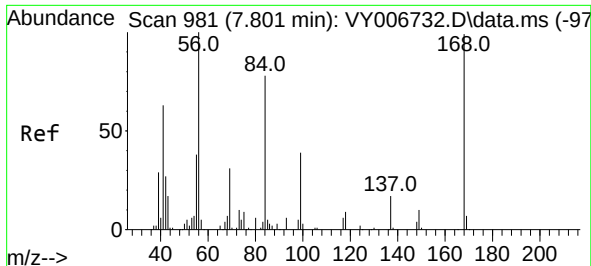
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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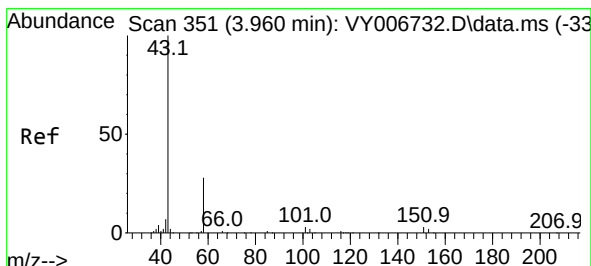
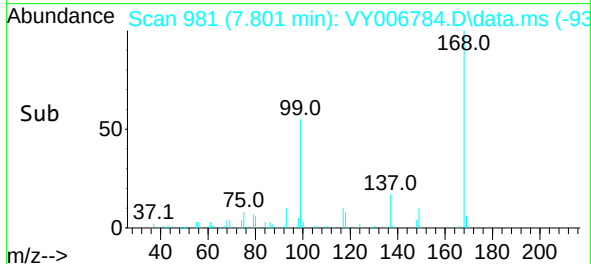
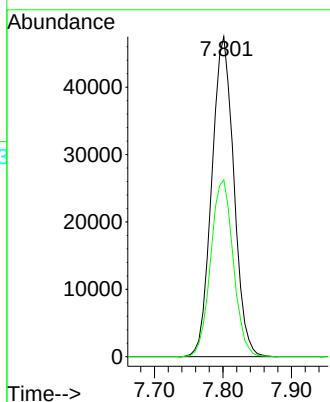
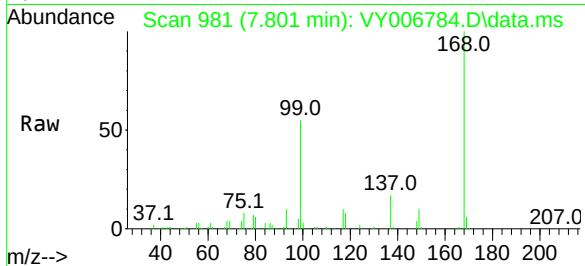




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

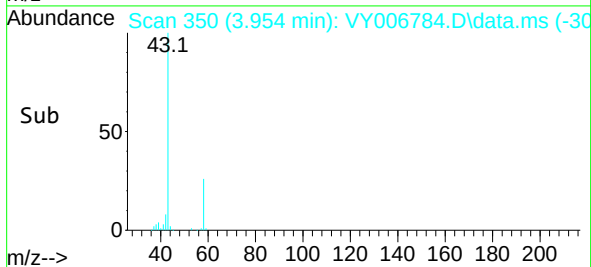
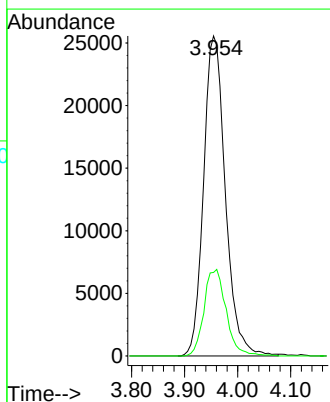
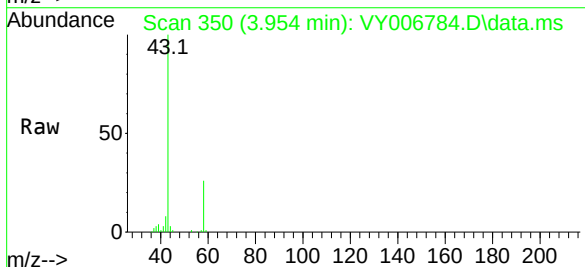
Instrument :
MSVOA_Y
ClientSampleId :
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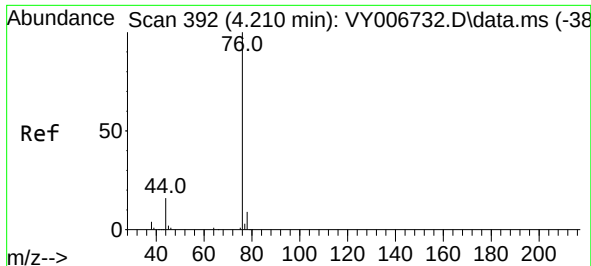
Tgt Ion:168 Resp: 106028
Ion Ratio Lower Upper
168 100
99 55.2 44.8 67.2



#16
Acetone
Concen: 172.825 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

Tgt Ion: 43 Resp: 72968
Ion Ratio Lower Upper
43 100
58 26.1 22.9 34.3

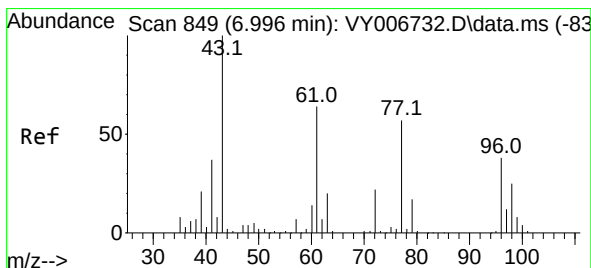
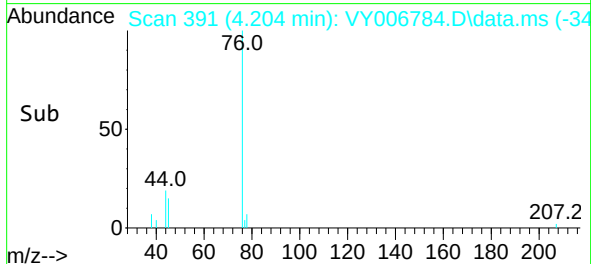
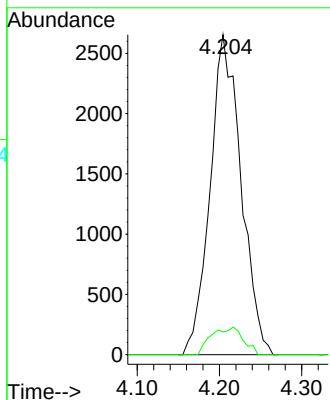
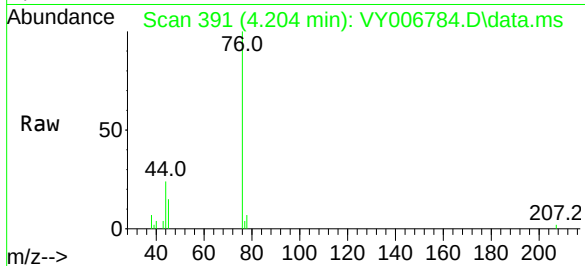




#17
Carbon Disulfide
Concen: 1.915 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

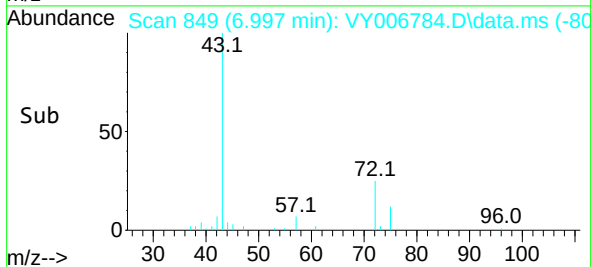
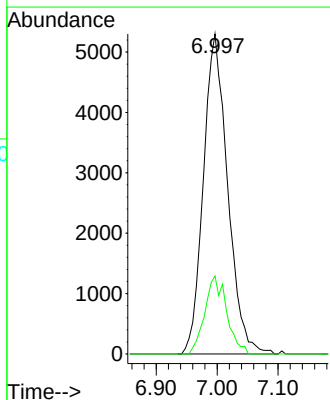
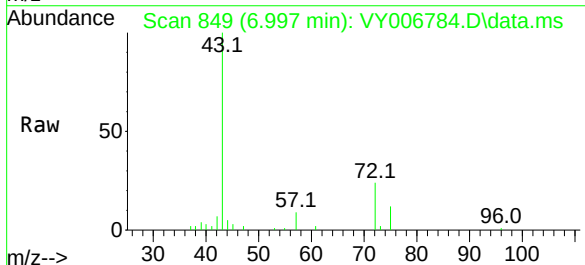
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MSVOA_Y
ClientSampleId :
UT-COMP-02

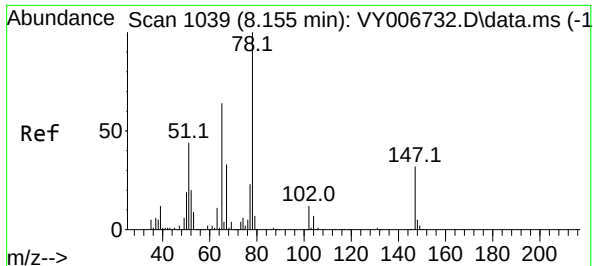
Tgt Ion: 76 Resp: 6940
Ion Ratio Lower Upper
76 100
78 7.1 7.1 10.7#



#25
2-Butanone
Concen: 34.286 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

Tgt Ion: 43 Resp: 14663
Ion Ratio Lower Upper
43 100
72 24.4 18.9 28.3





#33

1,2-Dichloroethane-d4

Concen: 59.599 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006784.D

Acq: 17 Nov 2021 13:33

Instrument :

MSVOA_Y

ClientSampleId :

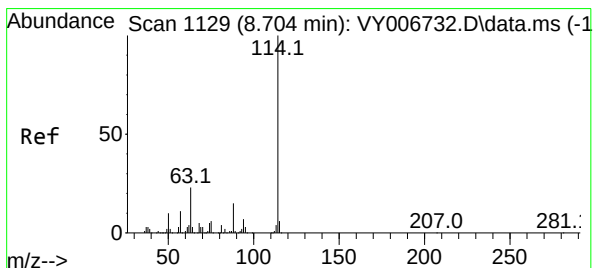
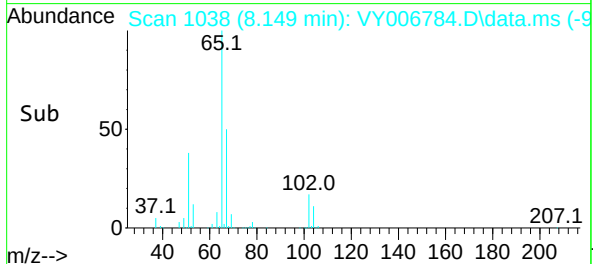
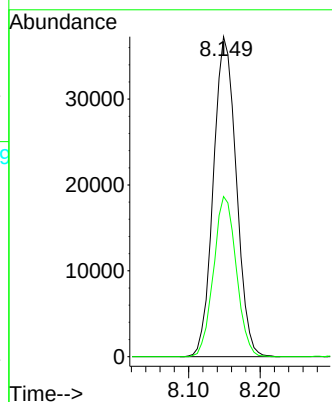
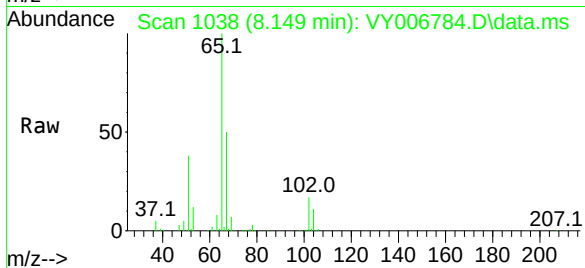
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Tgt Ion: 65 Resp: 82820

Ion Ratio Lower Upper

65 100

67 49.7 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006784.D

Acq: 17 Nov 2021 13:33

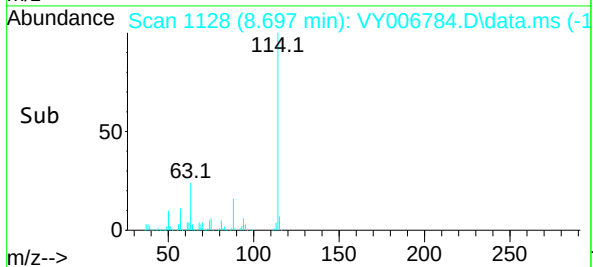
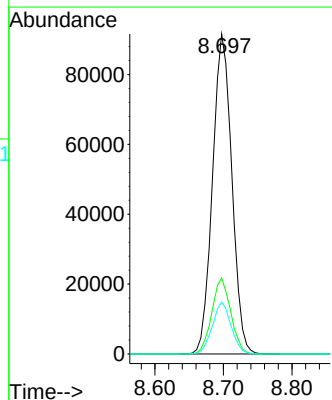
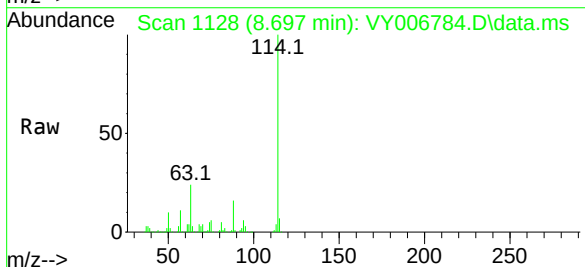
Tgt Ion: 114 Resp: 178817

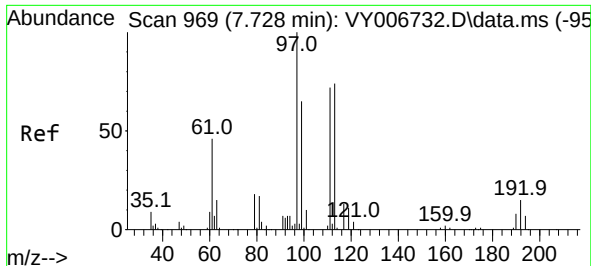
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 16.2 0.0 30.6

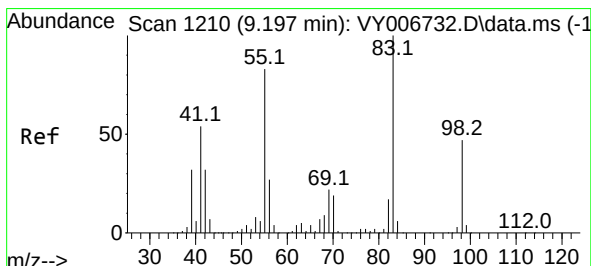
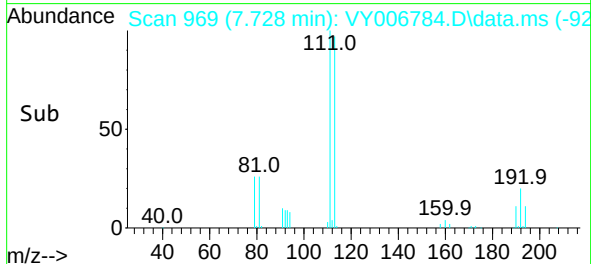
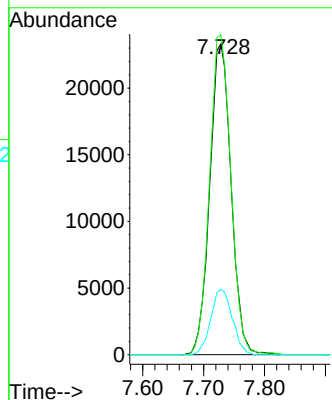
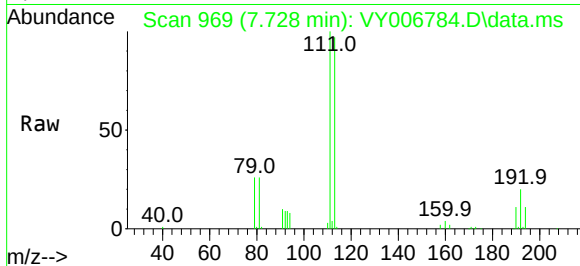




#35
Dibromofluoromethane
Concen: 51.740 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

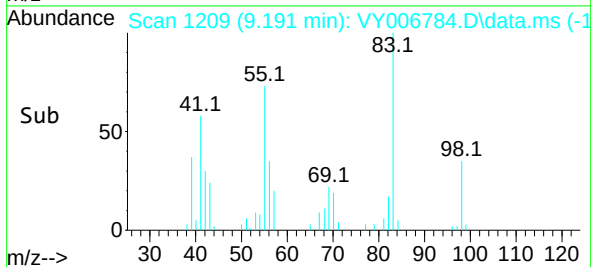
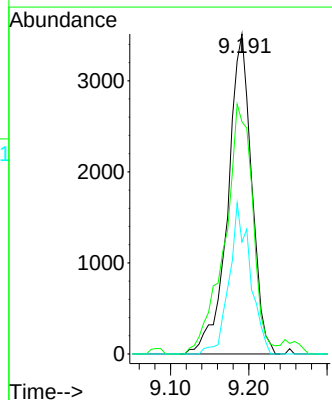
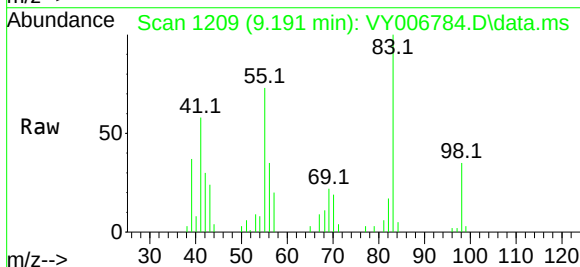
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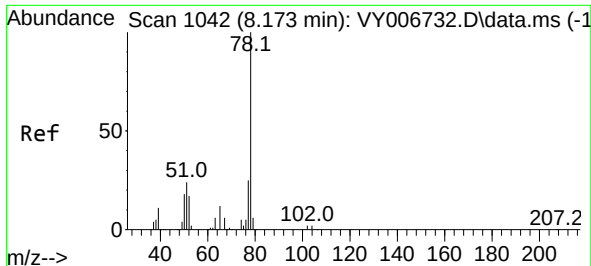
Tgt Ion:113 Resp: 56829
Ion Ratio Lower Upper
113 100
111 102.4 82.3 123.5
192 21.2 17.4 26.2



#39
Methylcyclohexane
Concen: 3.124 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.006 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

Tgt Ion: 83 Resp: 7405
Ion Ratio Lower Upper
83 100
55 72.5 65.3 97.9
98 35.0 37.0 55.4#

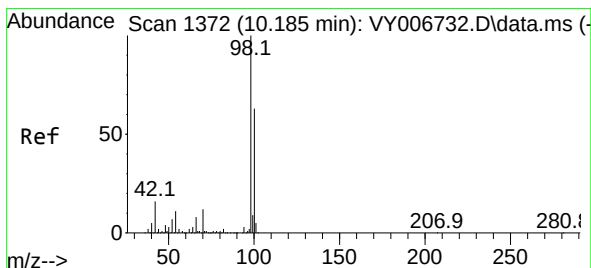
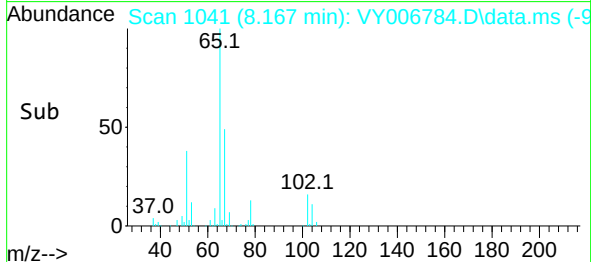
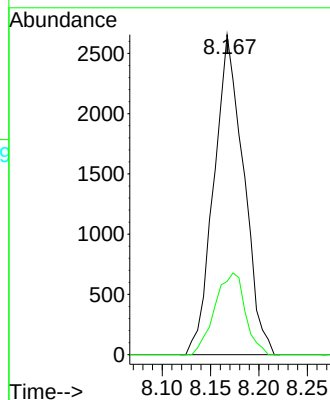
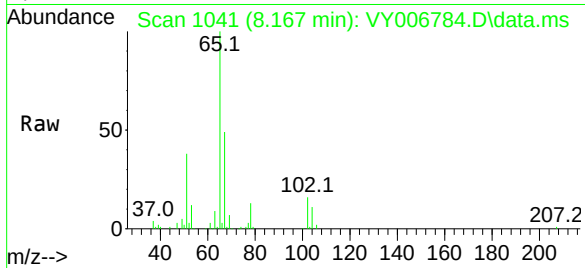




#40
Benzene
Concen: 1.035 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

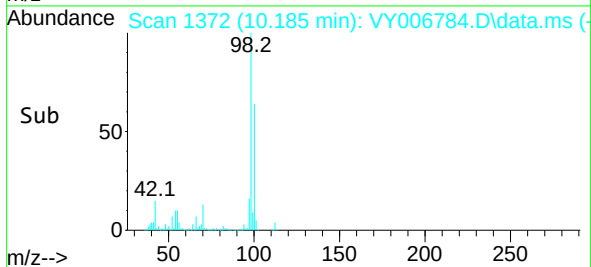
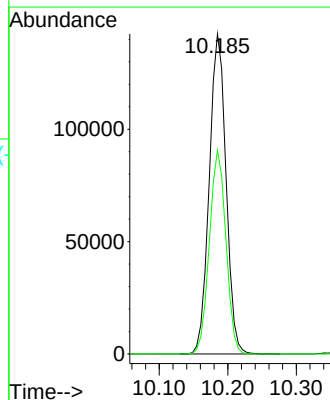
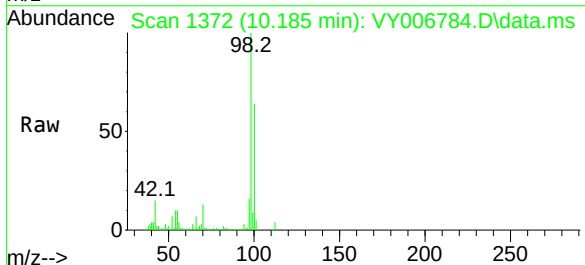
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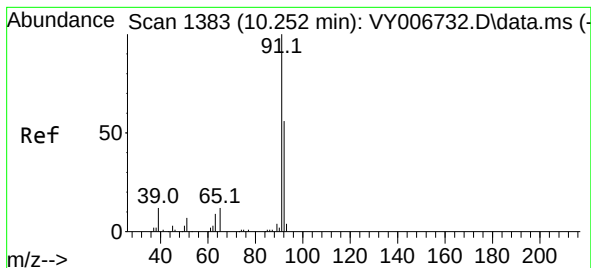
Tgt Ion: 78 Resp: 5665
Ion Ratio Lower Upper
78 100
77 22.9 19.7 29.5



#50
Toluene-d8
Concen: 53.309 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

Tgt Ion: 98 Resp: 242297
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3





#52

Toluene

Concen: 2.269 ug/l

RT: 10.246 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY006784.D

Acq: 17 Nov 2021 13:33

Instrument :

MSVOA_Y

ClientSampleId :

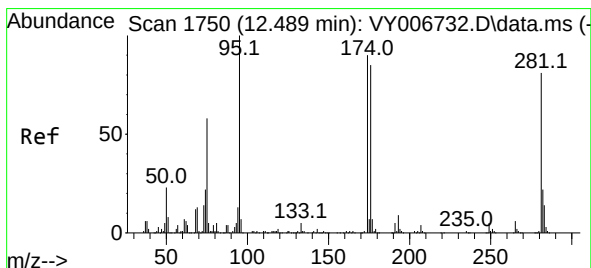
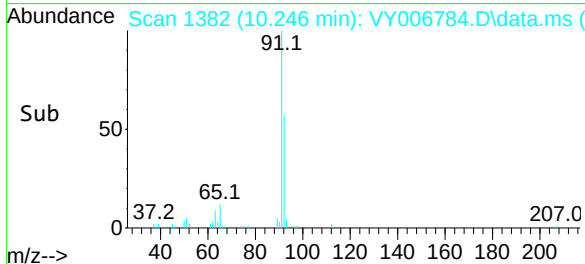
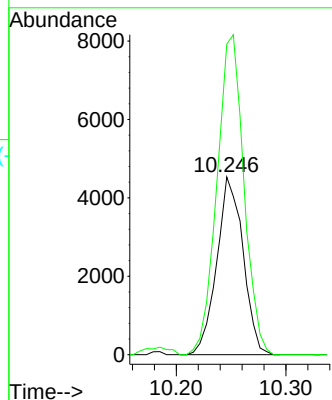
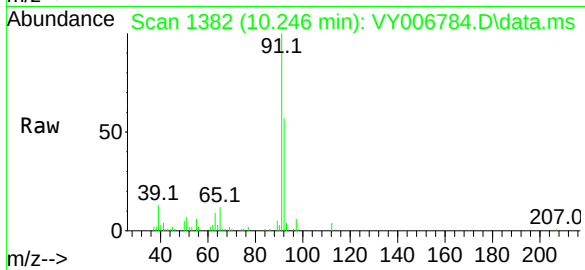
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Tgt Ion: 92 Resp: 7540

Ion Ratio Lower Upper

92 100

91 185.0 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 43.769 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY006784.D

Acq: 17 Nov 2021 13:33

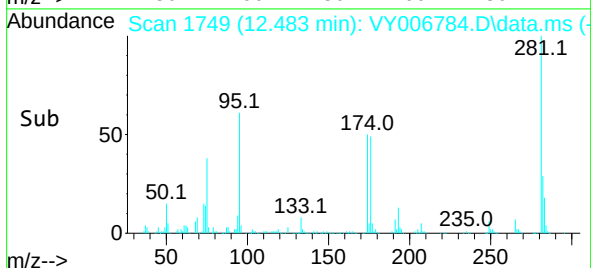
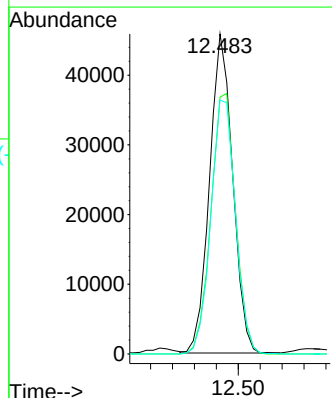
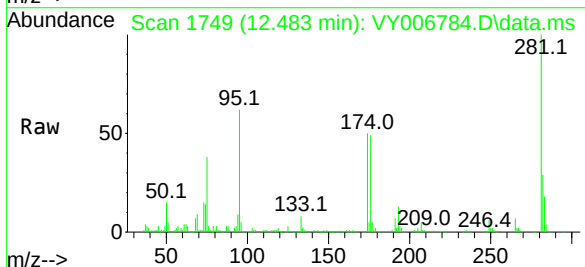
Tgt Ion: 95 Resp: 67066

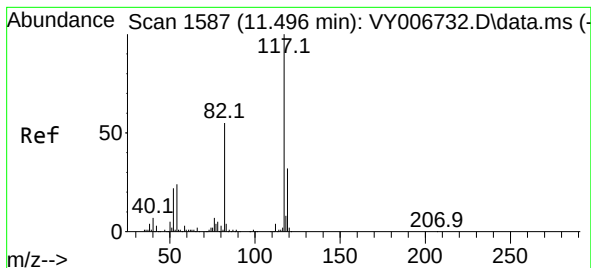
Ion Ratio Lower Upper

95 100

174 86.6 0.0 177.0

176 84.7 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY006784.D

Acq: 17 Nov 2021 13:33

Instrument :

MSVOA_Y

ClientSampleId :

UT-COMP-02

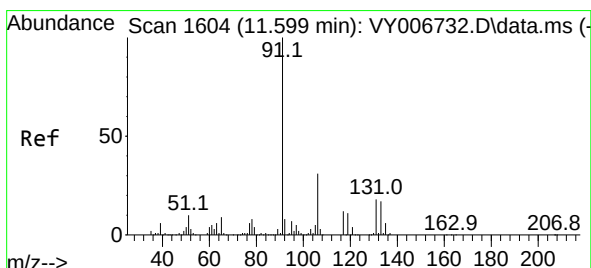
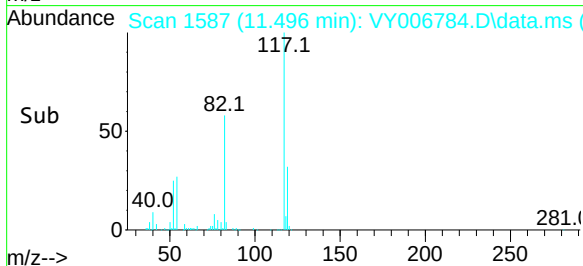
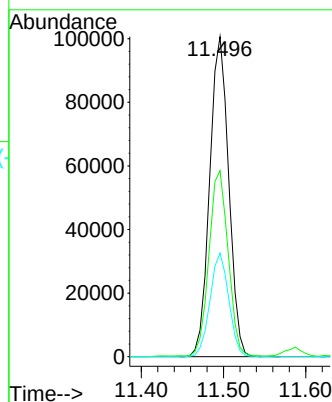
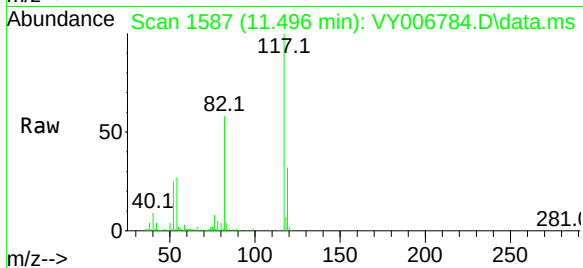
Tgt Ion:117 Resp: 161378

Ion Ratio Lower Upper

117 100

82 57.8 45.7 68.5

119 32.4 25.5 38.3



#67

Ethyl Benzene

Concen: 2.318 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY006784.D

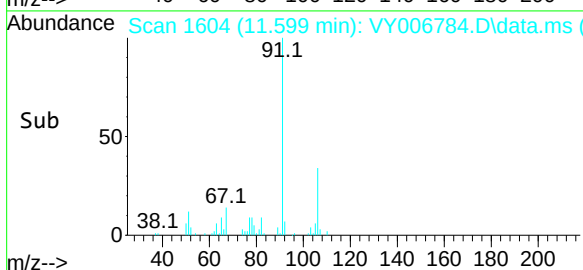
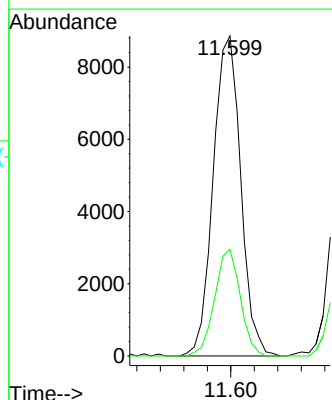
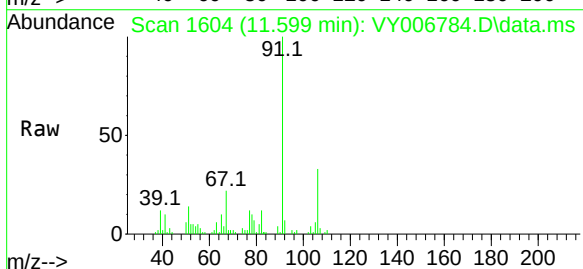
Acq: 17 Nov 2021 13:33

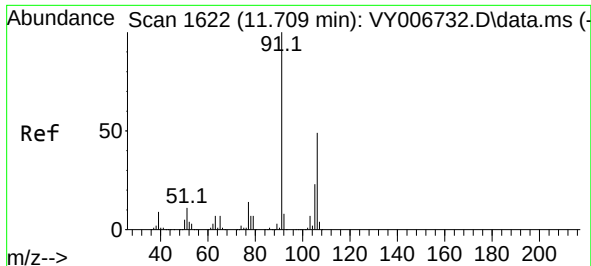
Tgt Ion: 91 Resp: 14423

Ion Ratio Lower Upper

91 100

106 33.4 24.2 36.4

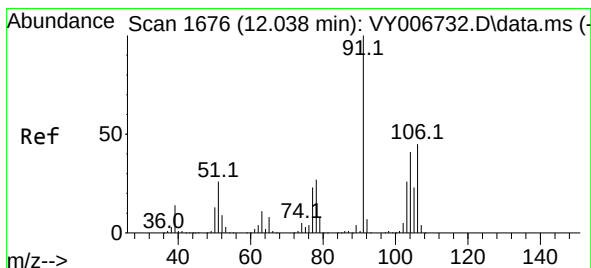
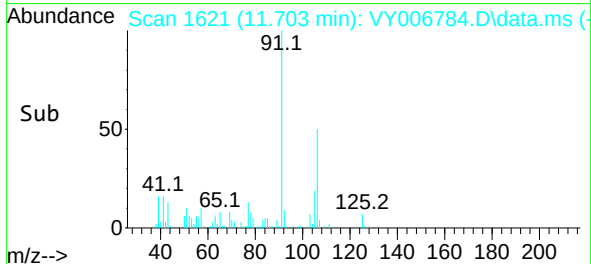
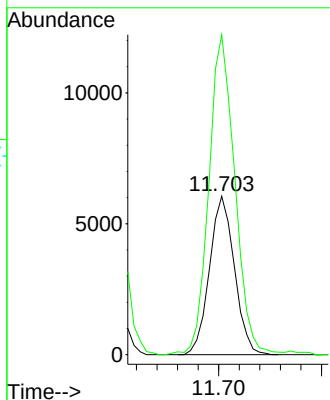
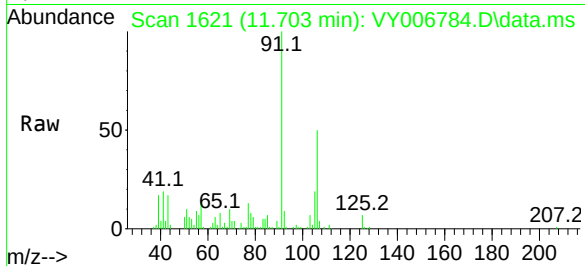




#68
m/p-Xylenes
Concen: 4.294 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

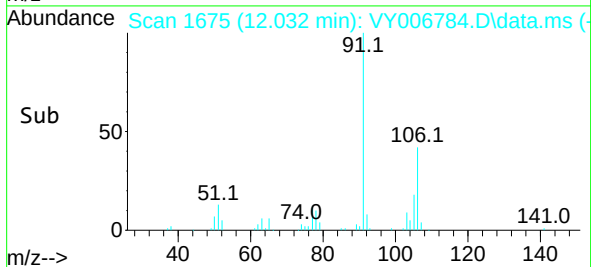
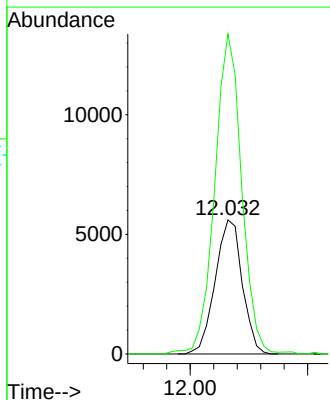
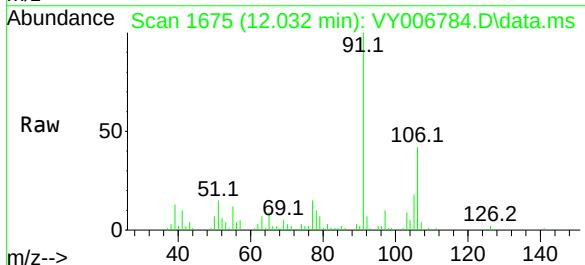
Instrument :
MSVOA_Y
ClientSampleId :
UT-COMP-02

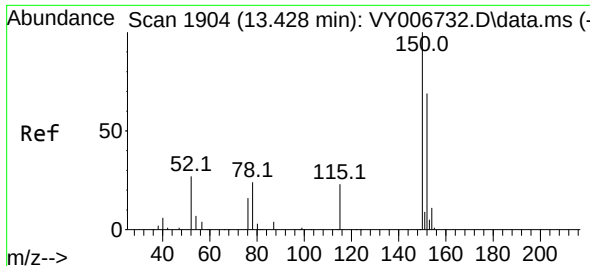
Tgt Ion:106 Resp: 10184
Ion Ratio Lower Upper
106 100
91 210.7 167.5 251.3



#69
o-Xylene
Concen: 3.989 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

Tgt Ion:106 Resp: 8962
Ion Ratio Lower Upper
106 100
91 238.0 110.3 330.9

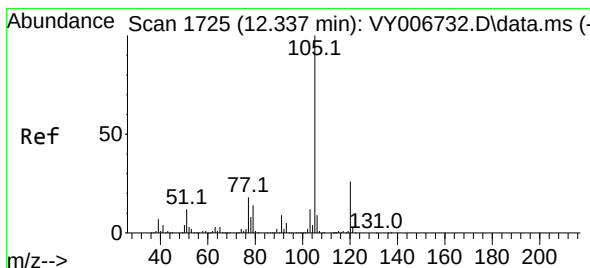
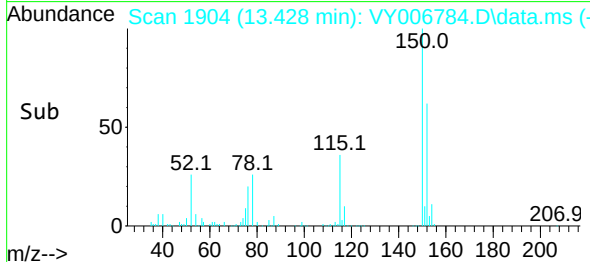
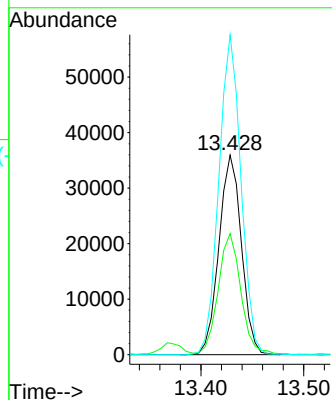
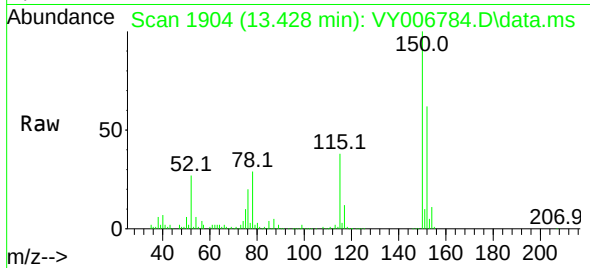




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

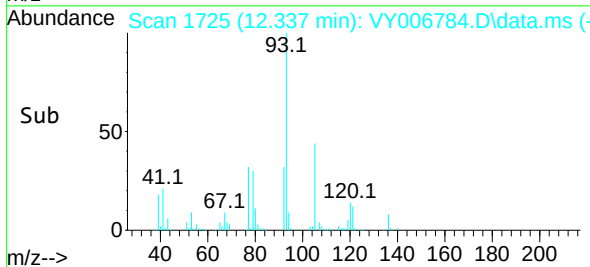
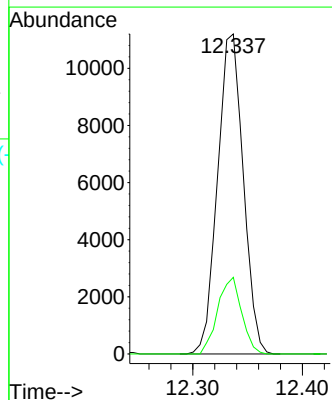
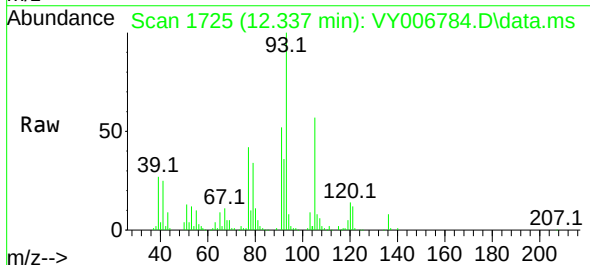
Instrument :
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ClientSampleId :
UT-COMP-02

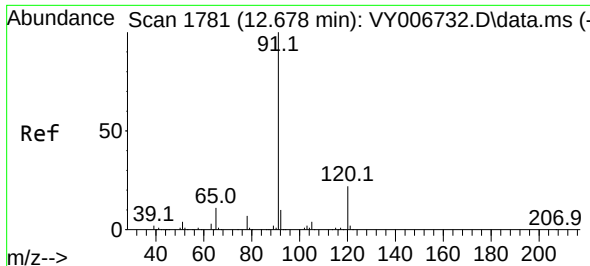
Tgt Ion:152 Resp: 54485
Ion Ratio Lower Upper
152 100
115 61.1 28.5 85.5
150 157.8 0.0 348.2



#73
Isopropylbenzene
Concen: 4.398 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

Tgt Ion:105 Resp: 18250
Ion Ratio Lower Upper
105 100
120 22.3 13.3 39.9

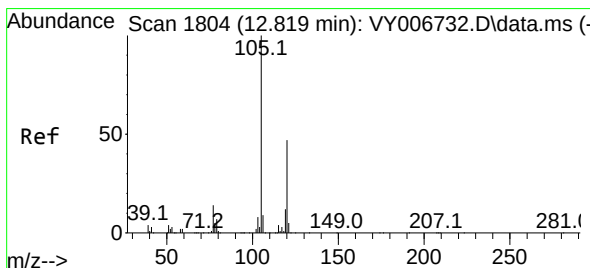
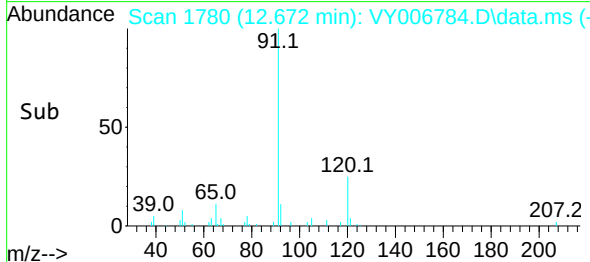
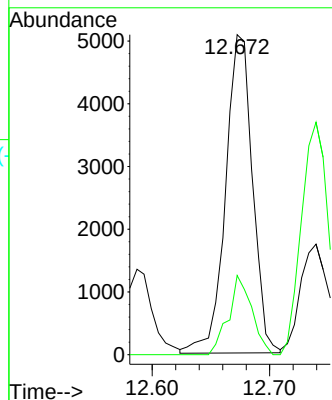
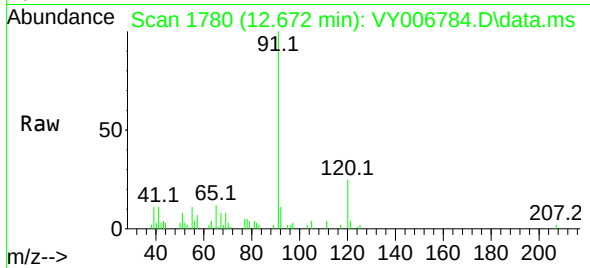




#78
n-propylbenzene
Concen: 1.604 ug/l
RT: 12.672 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

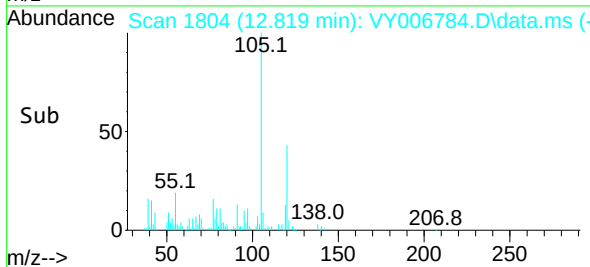
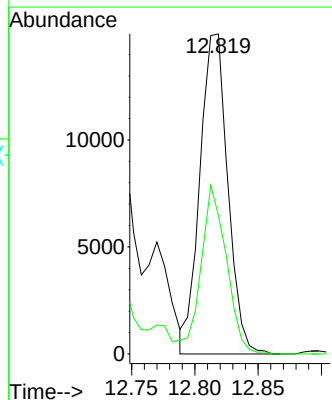
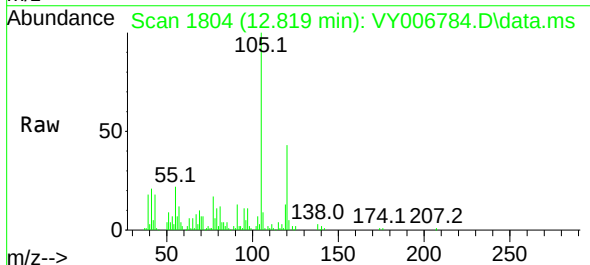
Instrument :
MSVOA_Y
ClientSampleId :
UT-COMP-02

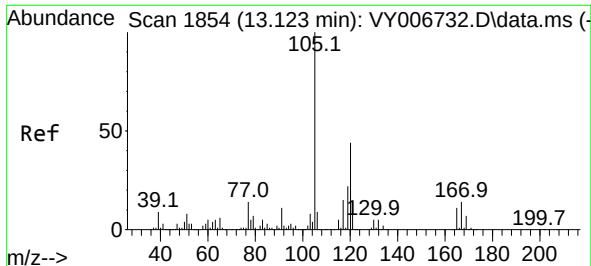
Tgt Ion: 91 Resp: 8111
Ion Ratio Lower Upper
91 100
120 21.5 11.3 33.8



#80
1,3,5-Trimethylbenzene
Concen: 6.757 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

Tgt Ion: 105 Resp: 22978
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.4

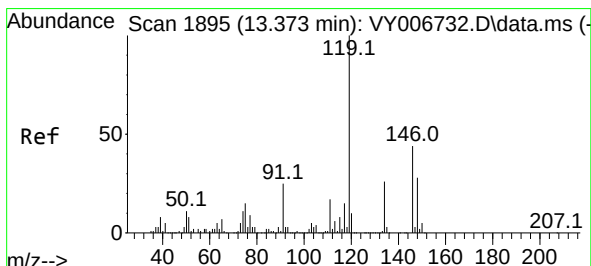
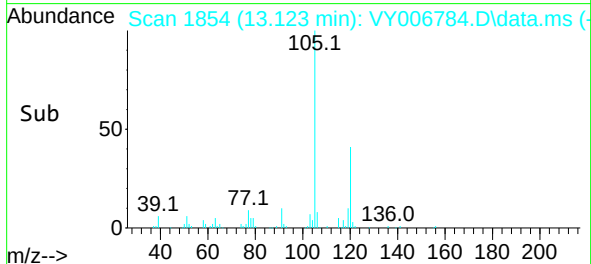
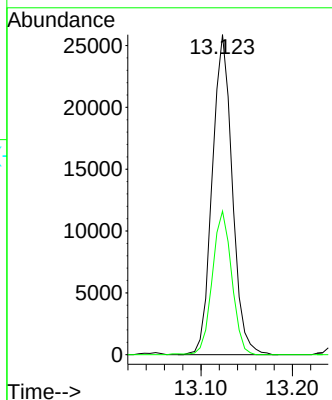
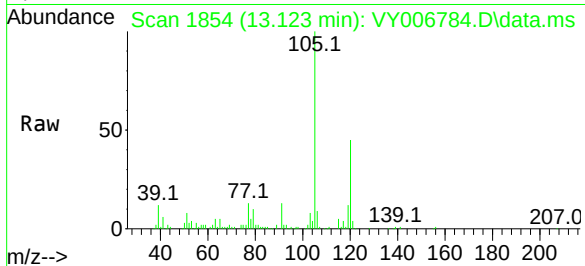




#84
1,2,4-Trimethylbenzene
Concen: 11.579 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

Instrument :
MSVOA_Y
ClientSampleId :
UT-COMP-02

Tgt Ion:105 Resp: 39314
Ion Ratio Lower Upper
105 100
120 43.6 22.6 67.8



#86
p-Isopropyltoluene
Concen: 9.893 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY006784.D
Acq: 17 Nov 2021 13:33

Tgt Ion:119 Resp: 36835
Ion Ratio Lower Upper
119 100
134 26.2 13.1 39.1
91 28.0 12.4 37.4

