

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007379.D
 Acq On : 03 Feb 2022 16:28
 Operator : SY/MD
 Sample : N1381-07
 Misc : 6.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-07(13.5-15)-02-02-22

Quant Time: Feb 04 08:40:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	111129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	148133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30599	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63371	49.576	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.160%
35) Dibromofluoromethane	7.716	113	64974	49.675	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.340%
50) Toluene-d8	10.179	98	241428	49.960	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.477	95	63072	38.400	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.800%

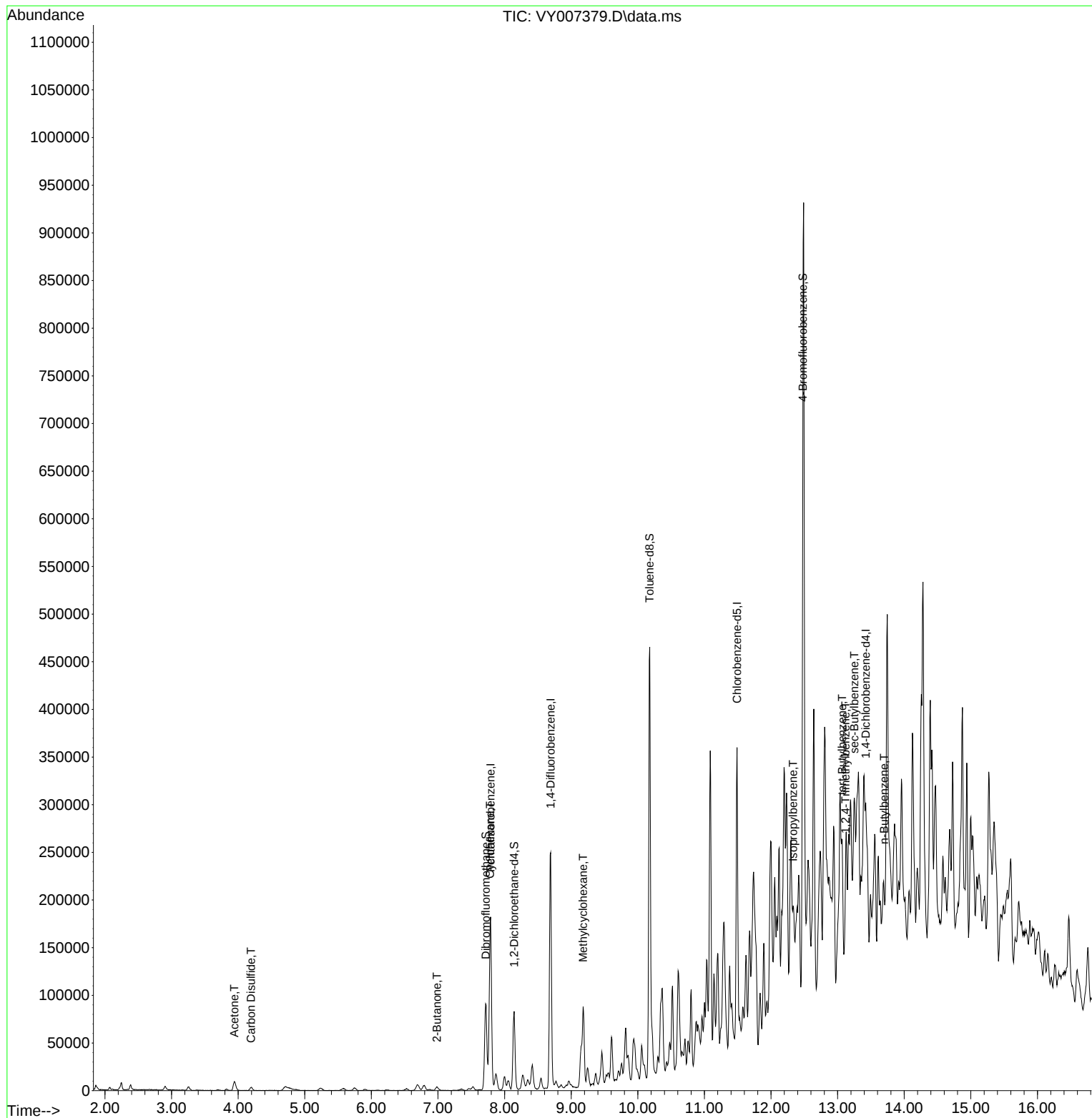
Target Compounds						Qvalue
16) Acetone	3.942	43	16015	38.577	ug/l	99
17) Carbon Disulfide	4.192	76	5994	1.476	ug/l	97
25) 2-Butanone	6.984	43	4546	9.063	ug/l	92
31) Cyclohexane	7.783	56	19725	7.908	ug/l #	80
39) Methylcyclohexane	9.179	83	37579	13.086	ug/l	94
73) Isopropylbenzene	12.331	105	6701	2.396	ug/l	94
83) tert-Butylbenzene	13.068	119	7712	3.883	ug/l #	34
84) 1,2,4-Trimethylbenzene	13.117	105	2996	1.334	ug/l	87
85) sec-Butylbenzene	13.251	105	28560	9.587	ug/l #	64
89) n-Butylbenzene	13.696	91	12958	5.548	ug/l	94

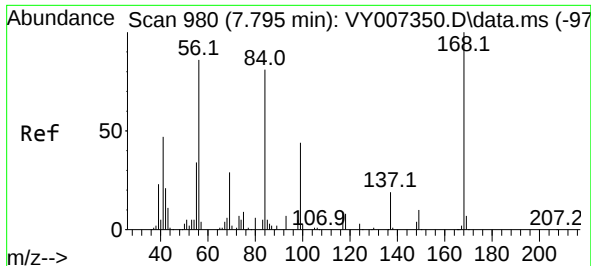
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
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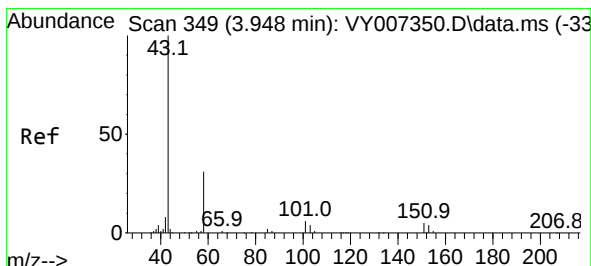
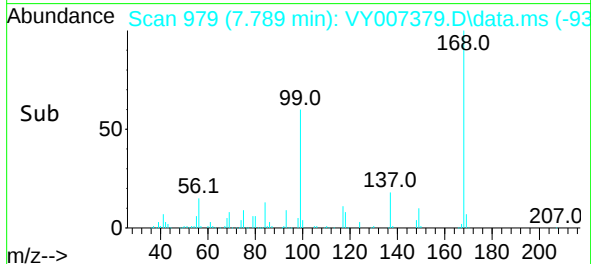
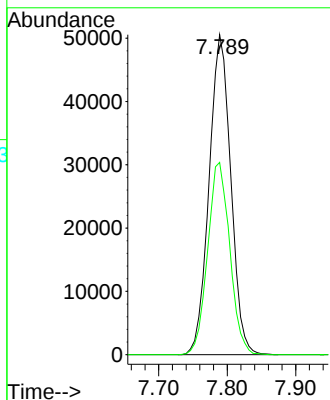
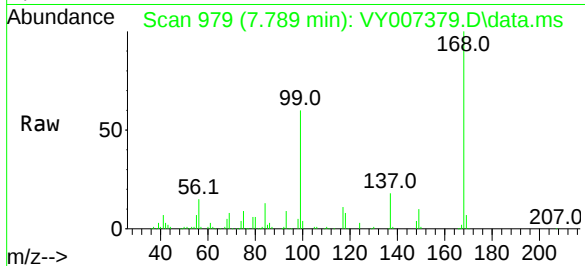




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007379.D
Acq: 03 Feb 2022 16:28

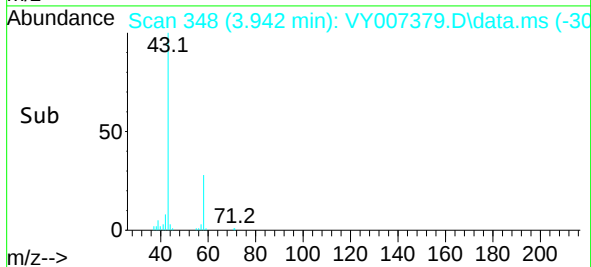
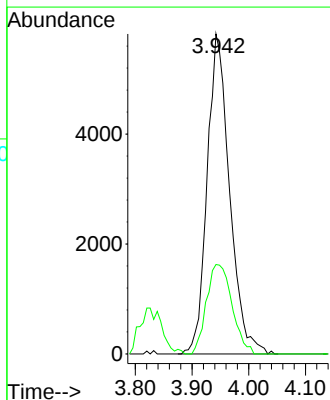
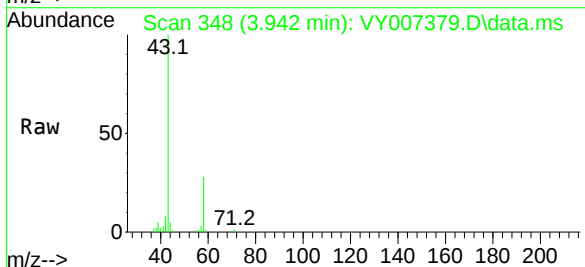
Instrument :
MSVOA_Y
ClientSampleId :
DB-07(13.5-15)-02-02-22

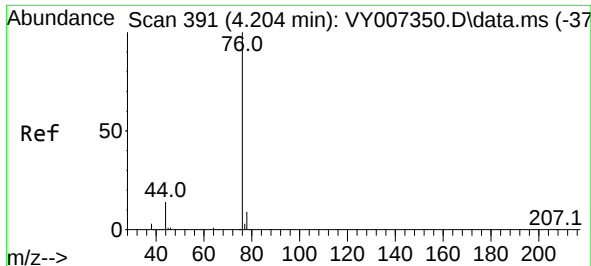
Tgt Ion:168 Resp: 111129
Ion Ratio Lower Upper
168 100
99 60.1 46.9 70.3



#16
Acetone
Concen: 38.577 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007379.D
Acq: 03 Feb 2022 16:28

Tgt Ion: 43 Resp: 16015
Ion Ratio Lower Upper
43 100
58 28.0 22.0 33.0





#17

Carbon Disulfide

Concen: 1.476 ug/l

RT: 4.192 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY007379.D

Acq: 03 Feb 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

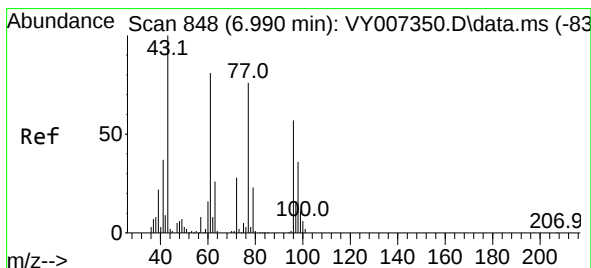
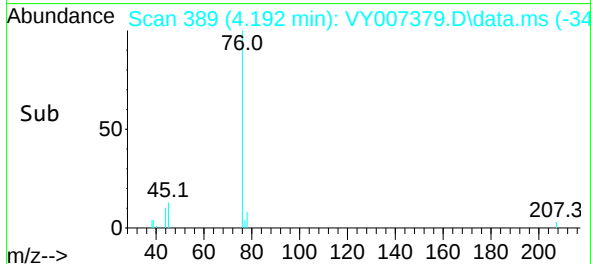
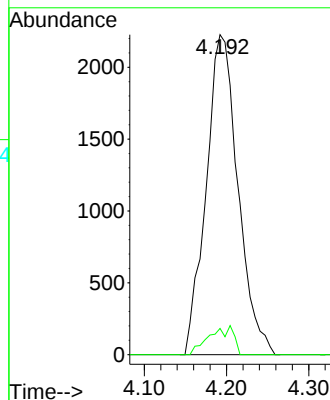
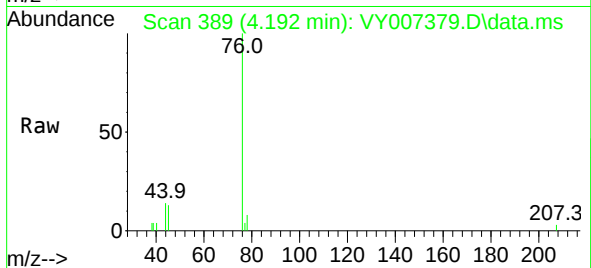
DB-07(13.5-15)-02-02-22

Tgt Ion: 76 Resp: 5994

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.0



#25

2-Butanone

Concen: 9.063 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY007379.D

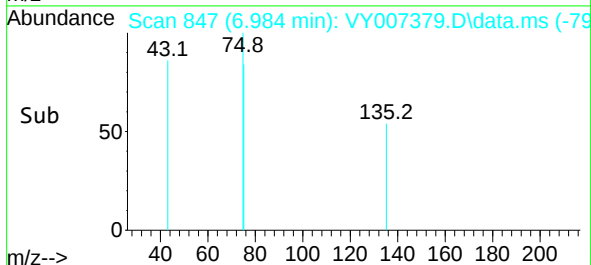
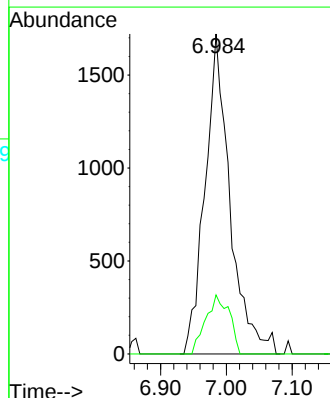
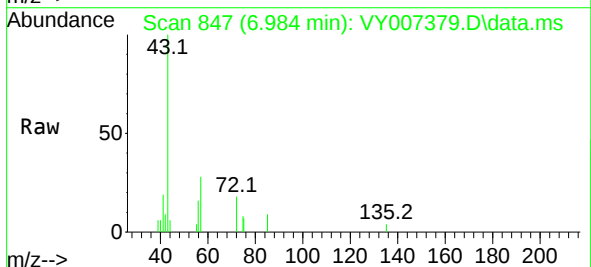
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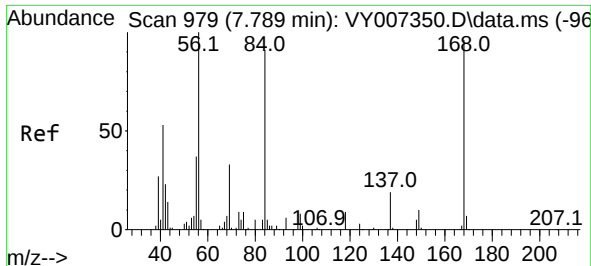
Tgt Ion: 43 Resp: 4546

Ion Ratio Lower Upper

43 100

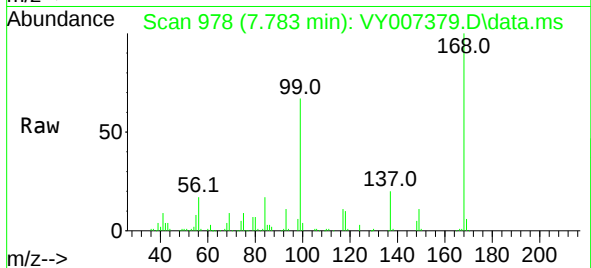
72 18.4 17.7 26.5



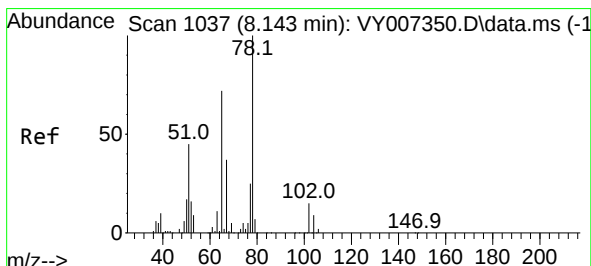
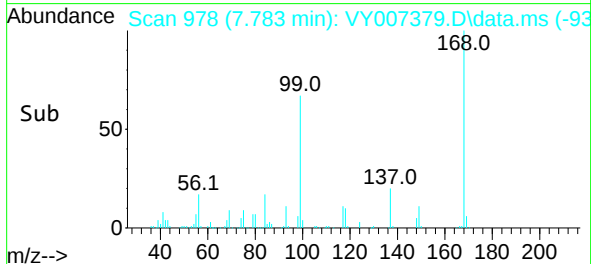
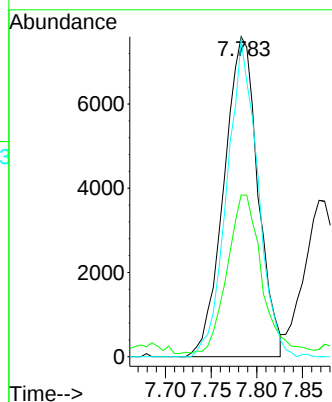


#31
Cyclohexane
Concen: 7.908 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007379.D
Acq: 03 Feb 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
DB-07(13.5-15)-02-02-22

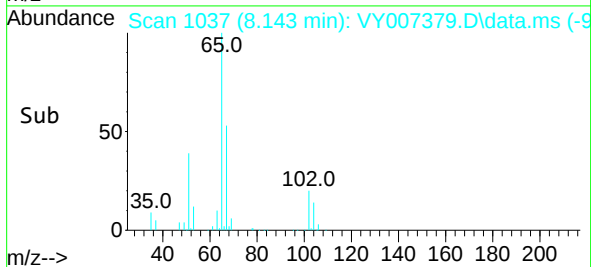
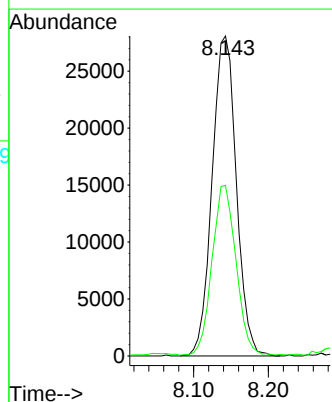
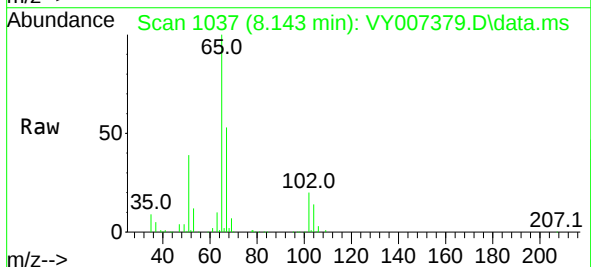


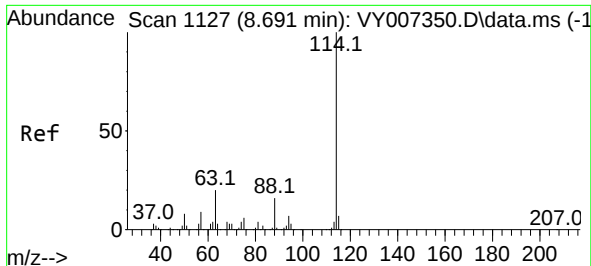
Tgt Ion: 56 Resp: 19725
Ion Ratio Lower Upper
56 100
69 49.6 26.7 40.1#
84 98.9 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 49.576 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007379.D
Acq: 03 Feb 2022 16:28

Tgt Ion: 65 Resp: 63371
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007379.D

Acq: 03 Feb 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

DB-07(13.5-15)-02-02-22

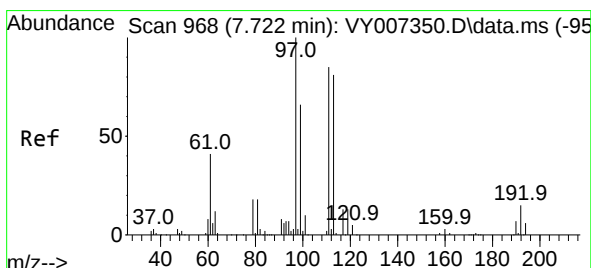
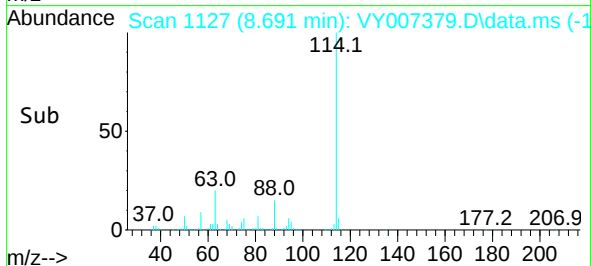
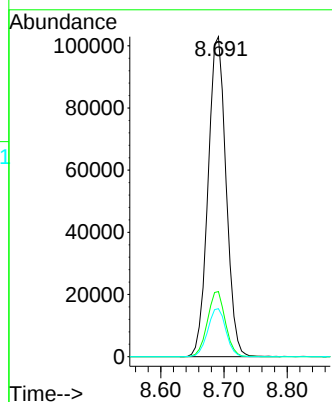
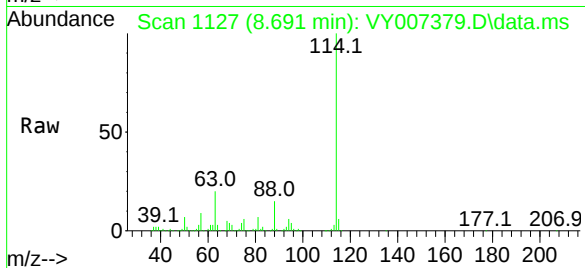
Tgt Ion:114 Resp: 203694

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.675 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007379.D

Acq: 03 Feb 2022 16:28

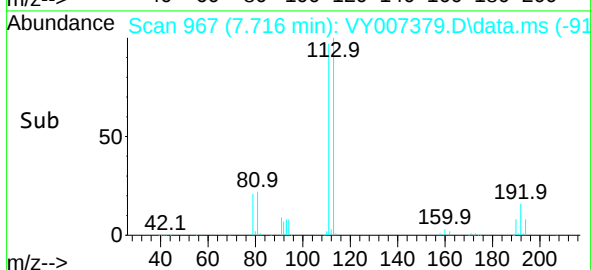
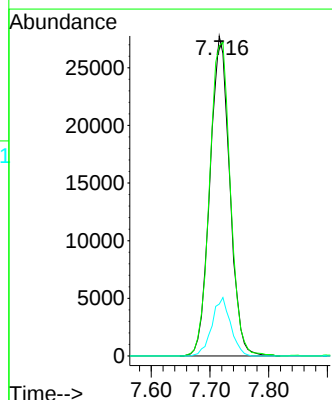
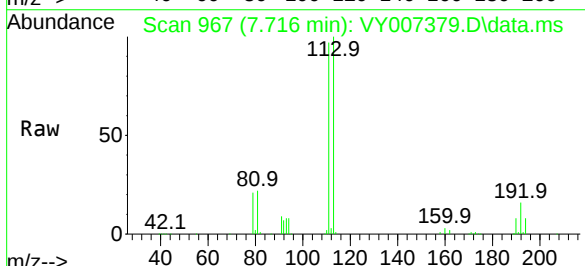
Tgt Ion:113 Resp: 64974

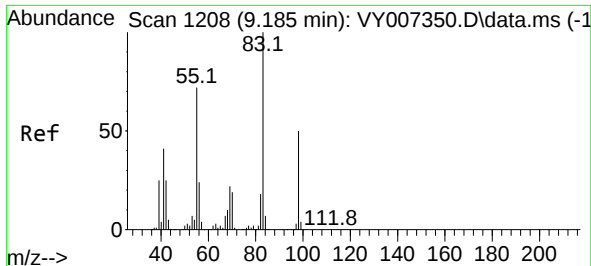
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 17.2 17.6 26.4#





#39

Methylcyclohexane

Concen: 13.086 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007379.D

Acq: 03 Feb 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

DB-07(13.5-15)-02-02-22

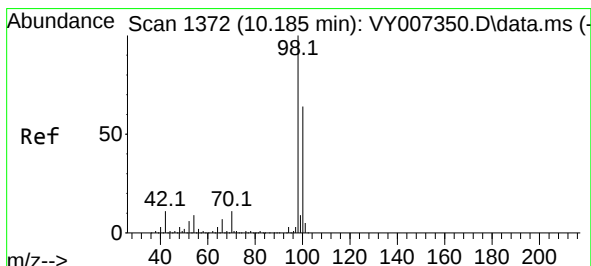
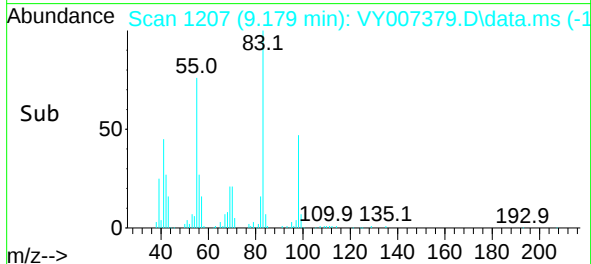
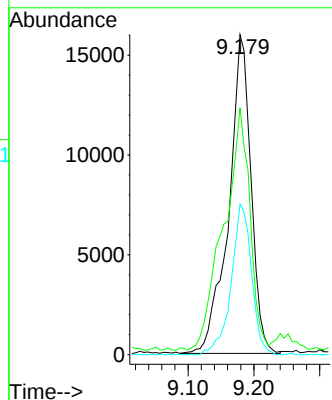
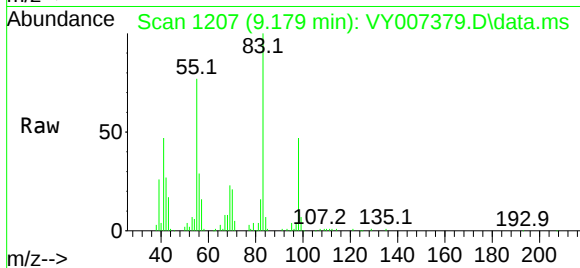
Tgt Ion: 83 Resp: 37579

Ion Ratio Lower Upper

83 100

55 75.4 66.5 99.7

98 47.2 37.9 56.9



#50

Toluene-d8

Concen: 49.960 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007379.D

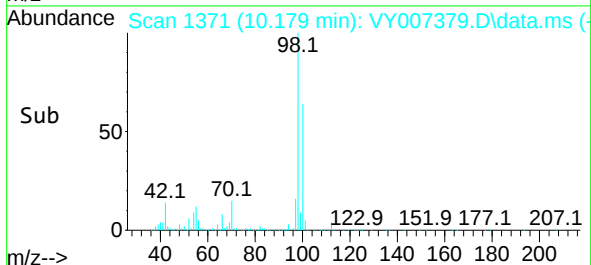
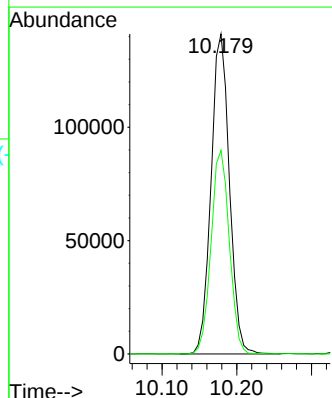
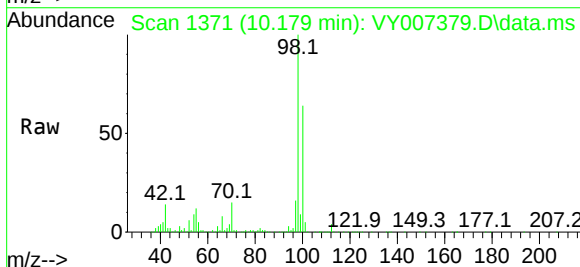
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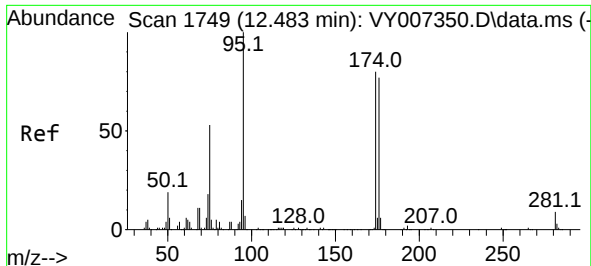
Tgt Ion: 98 Resp: 241428

Ion Ratio Lower Upper

98 100

100 63.2 50.2 75.2

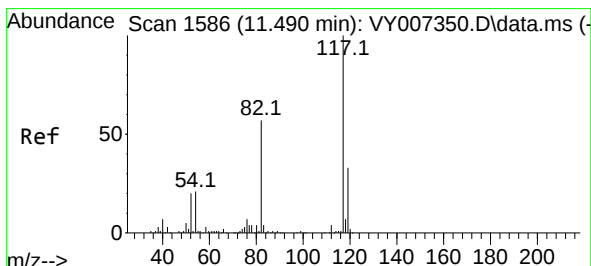
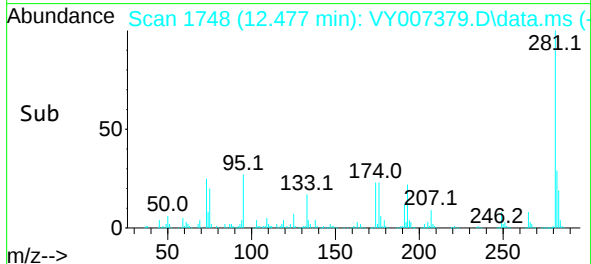
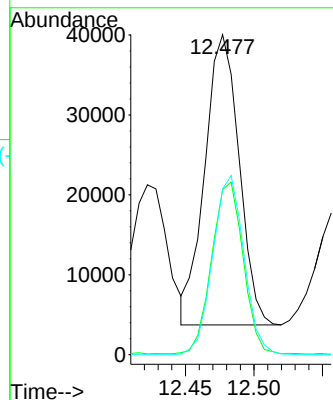
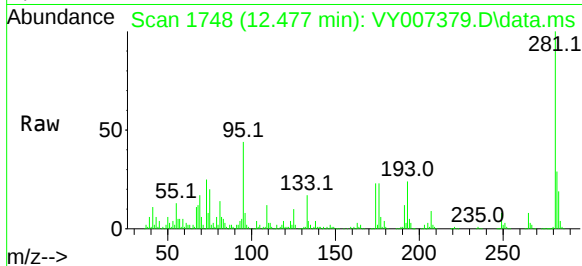




#62
4-Bromofluorobenzene
Concen: 38.400 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007379.D
Acq: 03 Feb 2022 16:28

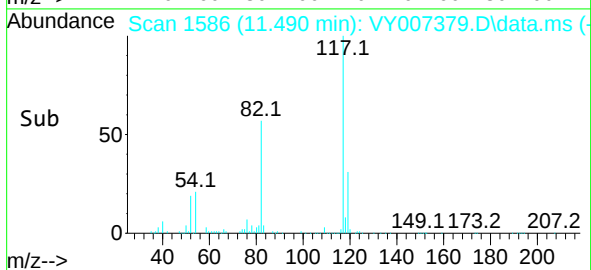
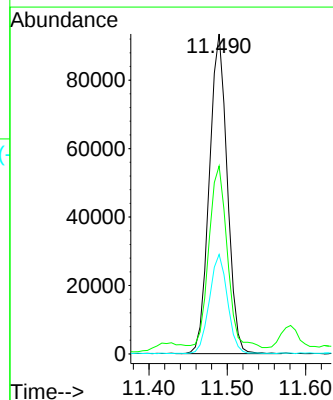
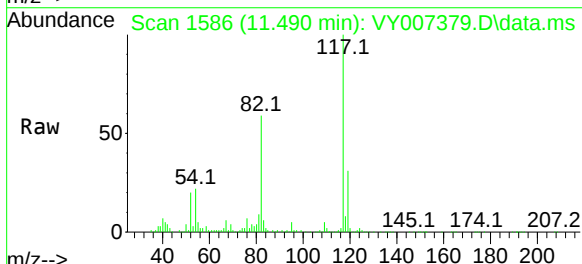
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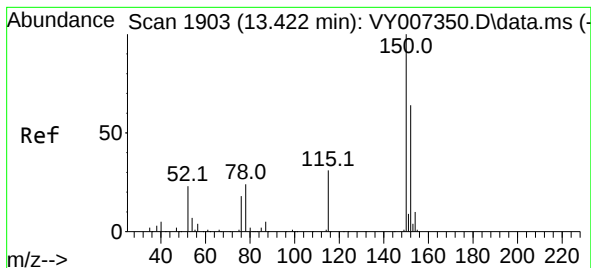
Tgt Ion: 95 Resp: 63072
Ion Ratio Lower Upper
95 100
174 55.3 0.0 177.0
176 56.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007379.D
Acq: 03 Feb 2022 16:28

Tgt Ion:117 Resp: 148133
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 30.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY007379.D

Acq: 03 Feb 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

DB-07(13.5-15)-02-02-22

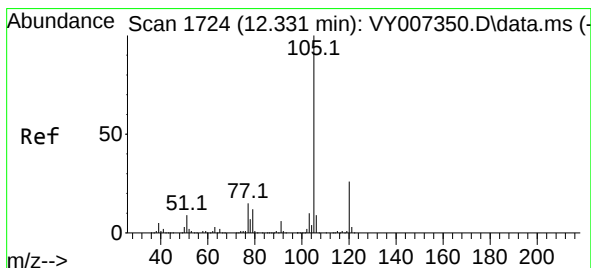
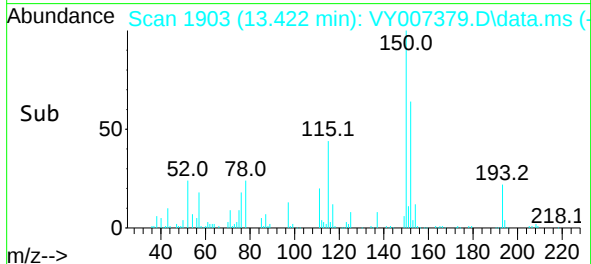
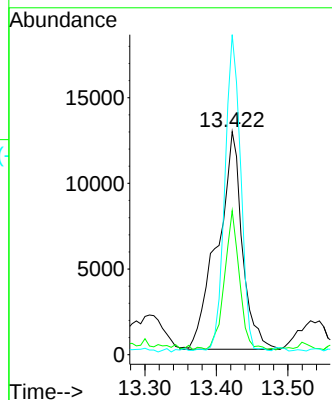
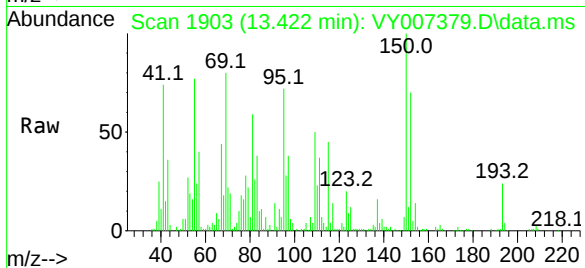
Tgt Ion:152 Resp: 30599

Ion Ratio Lower Upper

152 100

115 38.7 28.2 84.7

150 92.1 0.0 347.6



#73

Isopropylbenzene

Concen: 2.396 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY007379.D

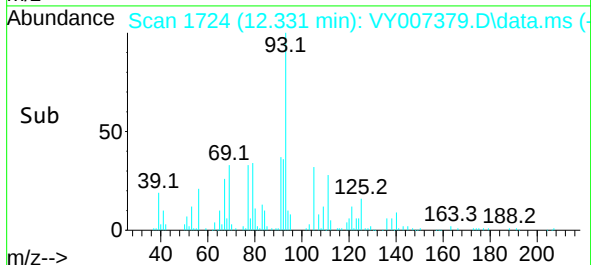
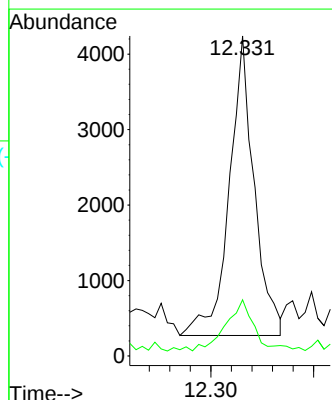
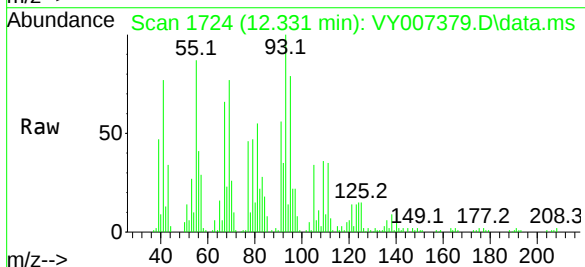
Acq: 03 Feb 2022 16:28

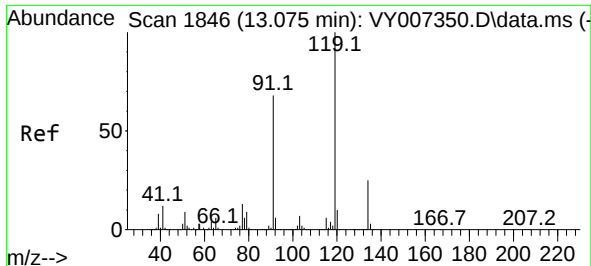
Tgt Ion:105 Resp: 6701

Ion Ratio Lower Upper

105 100

120 23.6 13.4 40.2

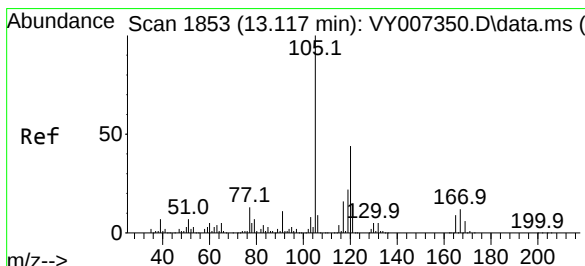
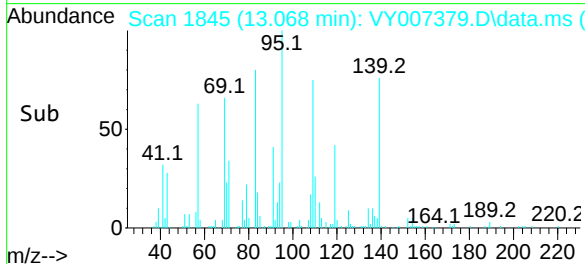
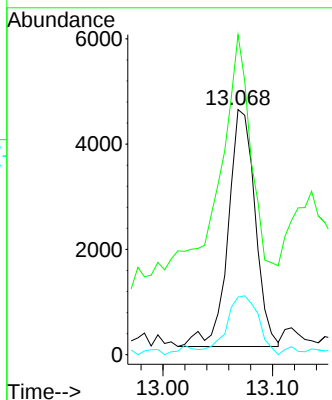
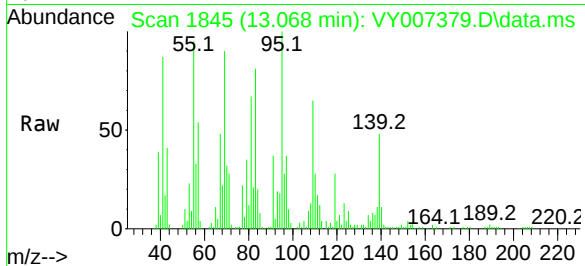




#83
tert-Butylbenzene
Concen: 3.883 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY007379.D
Acq: 03 Feb 2022 16:28

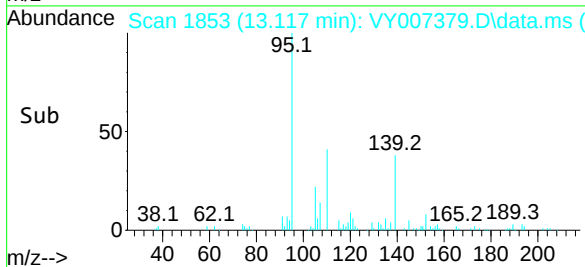
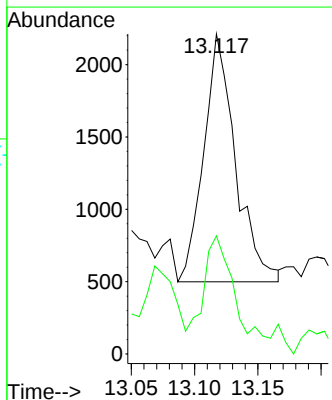
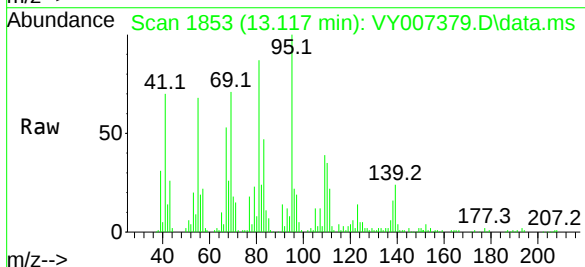
Instrument :
MSVOA_Y
ClientSampleId :
DB-07(13.5-15)-02-02-22

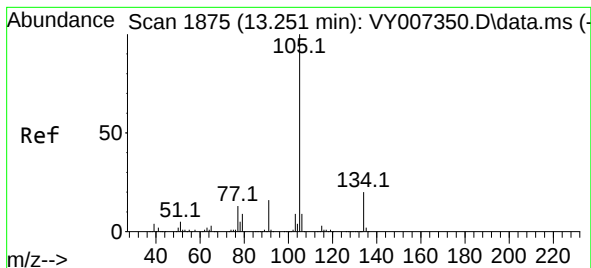
Tgt Ion:119 Resp: 7712
Ion Ratio Lower Upper
119 100
91 142.7 34.8 104.4#
134 29.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 1.334 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007379.D
Acq: 03 Feb 2022 16:28

Tgt Ion:105 Resp: 2996
Ion Ratio Lower Upper
105 100
120 52.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 9.587 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY007379.D

Acq: 03 Feb 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

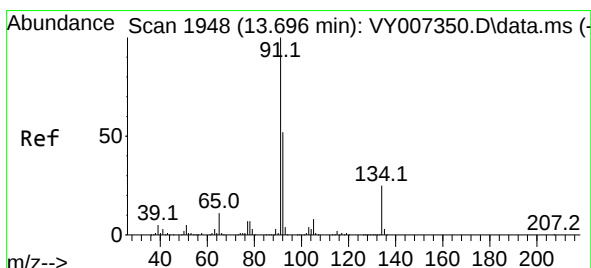
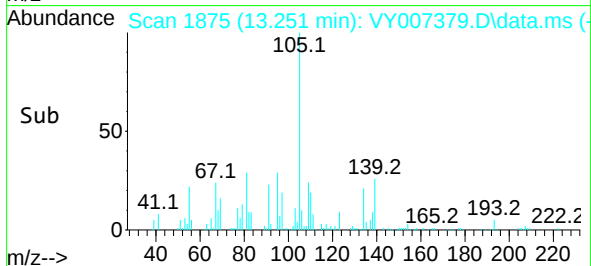
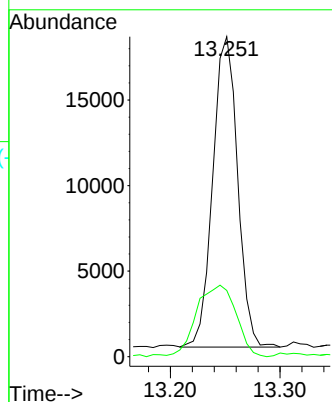
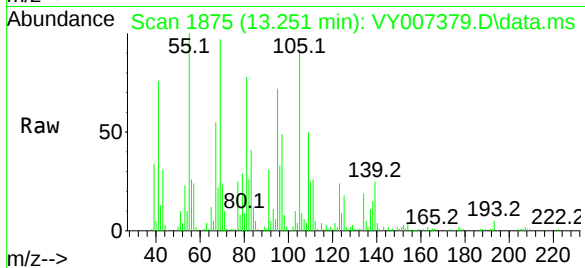
DB-07(13.5-15)-02-02-22

Tgt Ion:105 Resp: 28560

Ion Ratio Lower Upper

105 100

134 36.9 10.2 30.4#



#89

n-Butylbenzene

Concen: 5.548 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY007379.D

Acq: 03 Feb 2022 16:28

Tgt Ion: 91 Resp: 12958

Ion Ratio Lower Upper

91 100

92 46.3 26.3 78.9

134 26.4 13.0 38.9

