

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007976.D
 Acq On : 22 Mar 2022 01:06
 Operator : SY/MD
 Sample : N1977-05
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-20220315-19.0-20.0

Quant Time: Mar 22 03:44:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

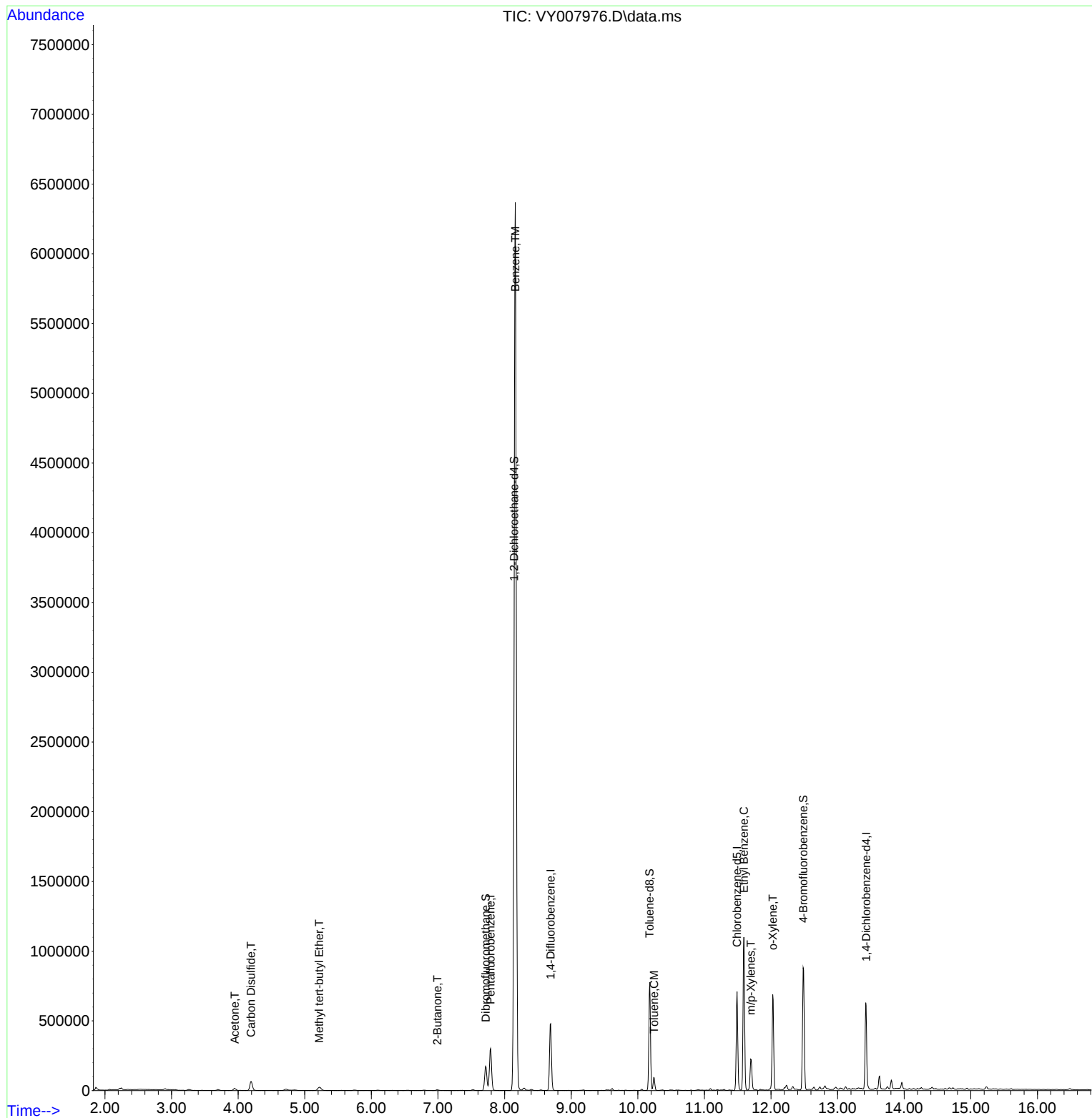
Internal Standards						
1) Pentafluorobenzene	7.789	168	215249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	411321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	364169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	145106	59.125	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 118.240%		
35) Dibromofluoromethane	7.716	113	123600	42.788	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 85.580%		
50) Toluene-d8	10.179	98	495348	57.697	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 115.400%		
62) 4-Bromofluorobenzene	12.483	95	172094	41.510	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 83.020%		
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	24704	37.944	ug/l	94
17) Carbon Disulfide	4.192	76	132203	27.205	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	40379	5.508	ug/l	97
25) 2-Butanone	6.990	43	9085	8.712	ug/l	96
40) Benzene	8.161	78	6507171	519.736	ug/l	98
52) Toluene	10.246	92	38697	4.813	ug/l	94
67) Ethyl Benzene	11.593	91	776125	49.944	ug/l	98
68) m/p-Xylenes	11.697	106	71903	11.862	ug/l	93
69) o-Xylene	12.026	106	181307	30.922	ug/l	96

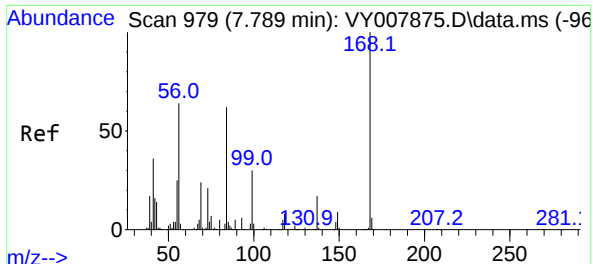
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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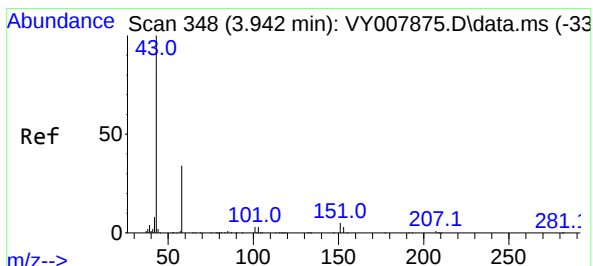
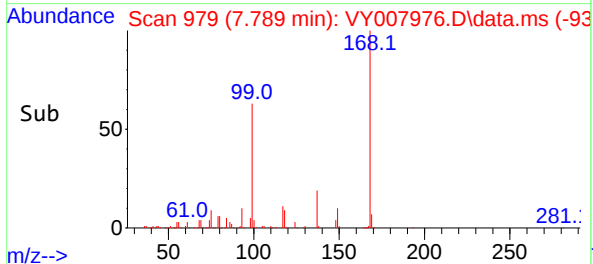
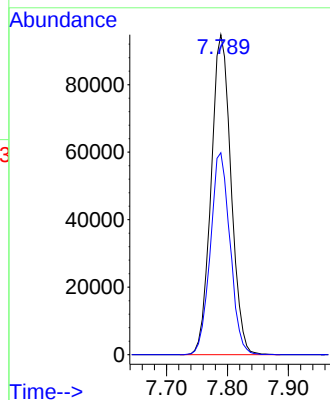
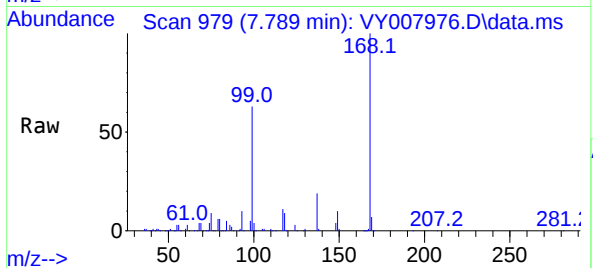




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007976.D
Acq: 22 Mar 2022 01:06

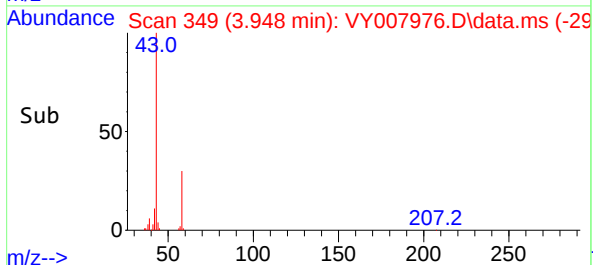
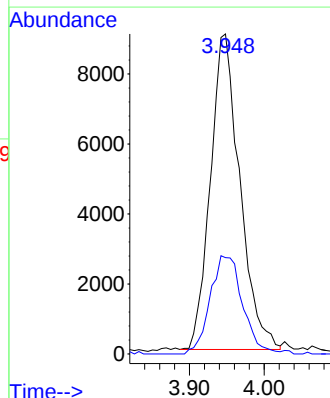
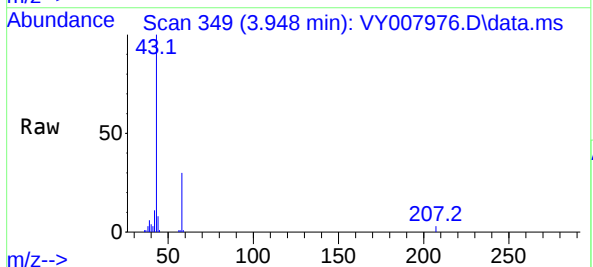
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-20220315-19.0-20.0

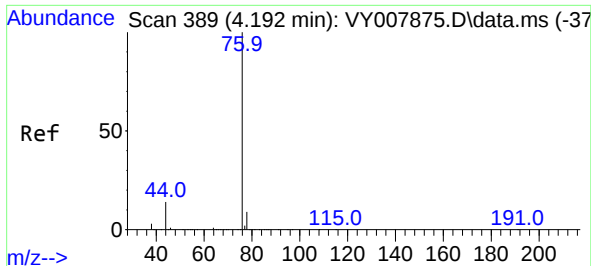
Tgt Ion:168 Resp: 215249
Ion Ratio Lower Upper
168 100
99 63.1 46.9 70.3



#16
Acetone
Concen: 37.944 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007976.D
Acq: 22 Mar 2022 01:06

Tgt Ion: 43 Resp: 24704
Ion Ratio Lower Upper
43 100
58 30.5 22.0 33.0

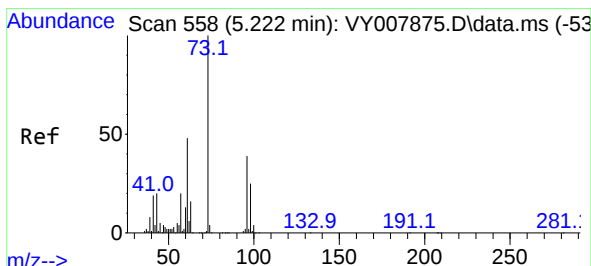
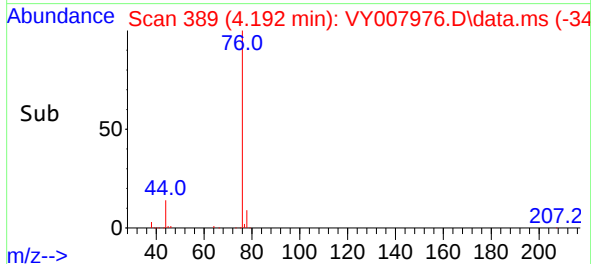
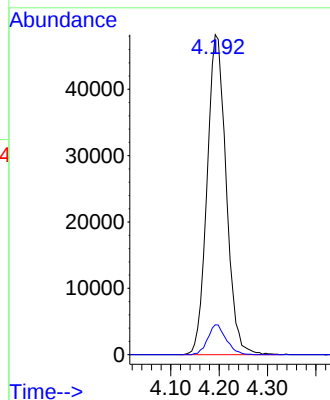
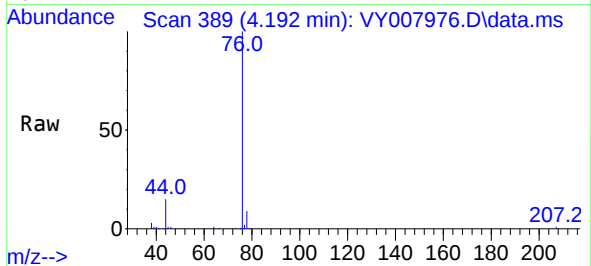




#17
Carbon Disulfide
Concen: 27.205 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY007976.D
Acq: 22 Mar 2022 01:06

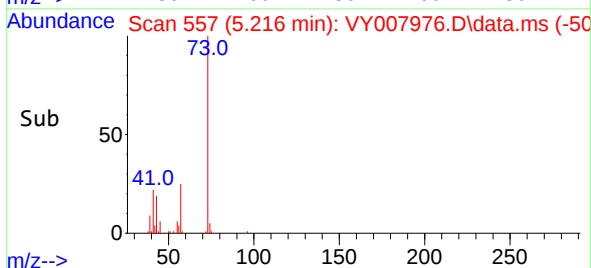
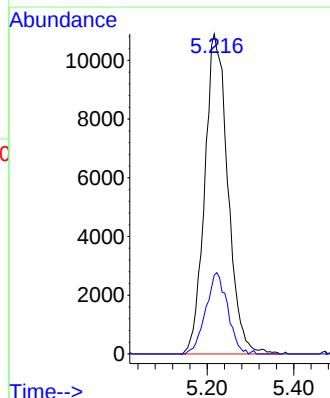
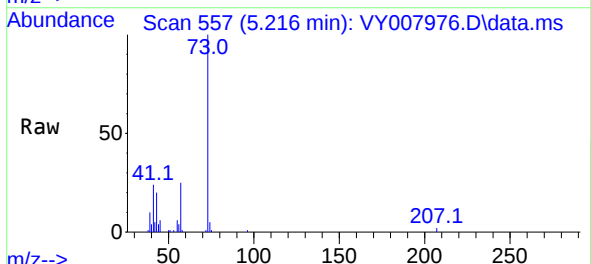
Instrument :
MSVOA_Y
ClientSampleId :
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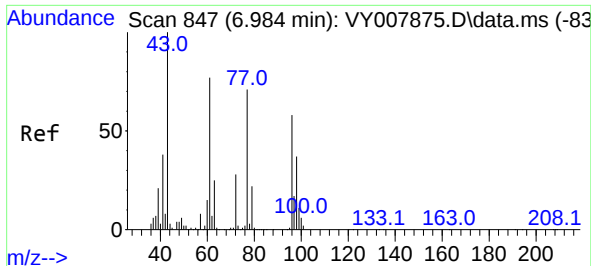
Tgt Ion: 76 Resp: 132203
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#19
Methyl tert-butyl Ether
Concen: 5.508 ug/l
RT: 5.216 min Scan# 557
Delta R.T. -0.006 min
Lab File: VY007976.D
Acq: 22 Mar 2022 01:06

Tgt Ion: 73 Resp: 40379
Ion Ratio Lower Upper
73 100
57 24.7 18.6 27.8

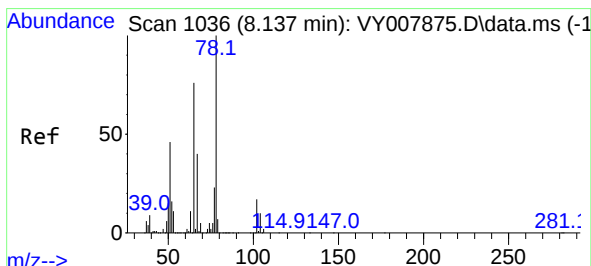
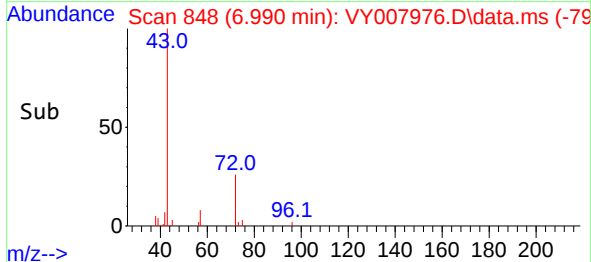
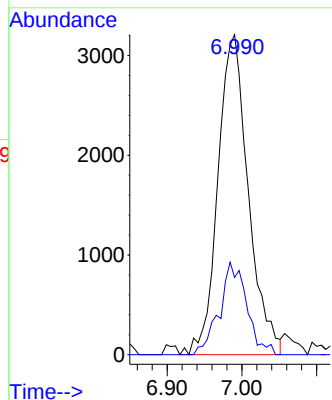
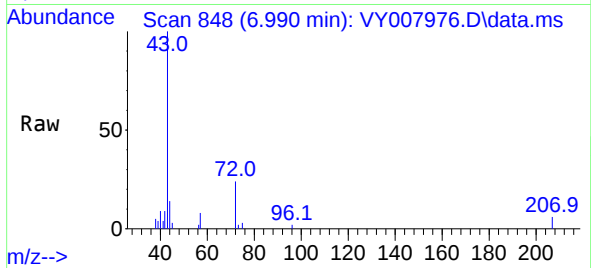




#25
2-Butanone
Concen: 8.712 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007976.D
Acq: 22 Mar 2022 01:06

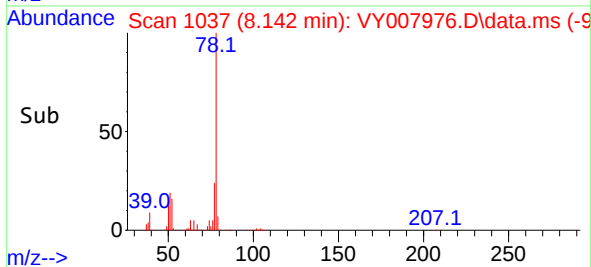
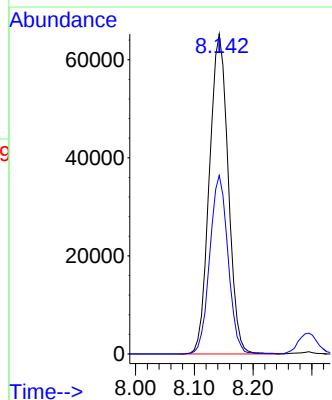
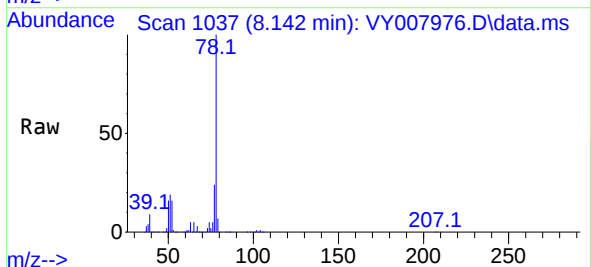
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-20220315-19.0-20.0

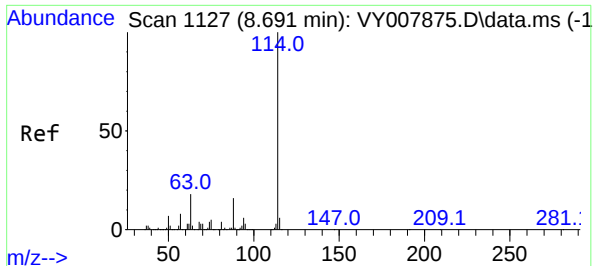
Tgt Ion: 43 Resp: 9085
Ion Ratio Lower Upper
43 100
72 24.2 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 59.125 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007976.D
Acq: 22 Mar 2022 01:06

Tgt Ion: 65 Resp: 145106
Ion Ratio Lower Upper
65 100
67 54.1 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: VY007976.D

Acq: 22 Mar 2022 01:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-12-20220315-19.0-20.0

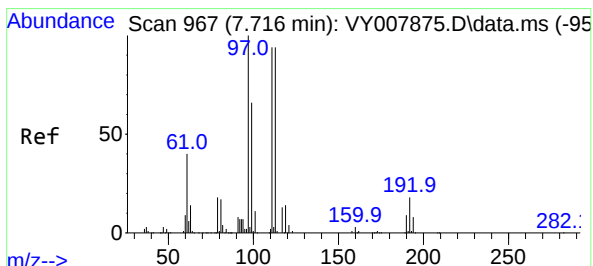
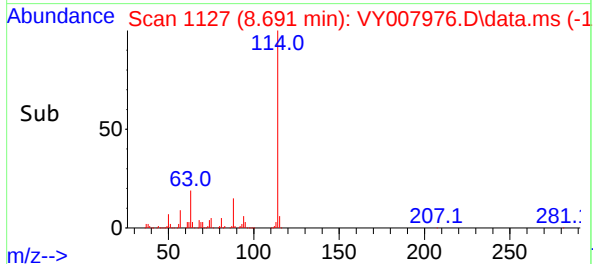
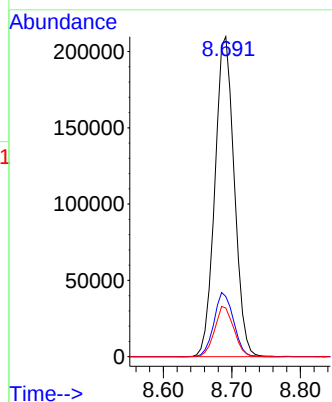
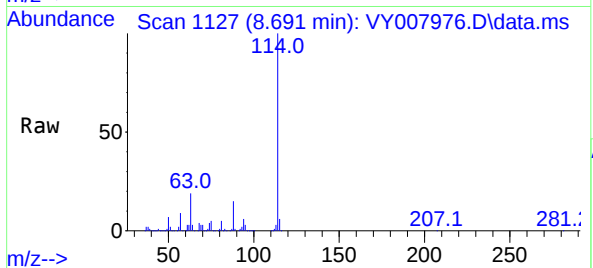
Tgt Ion:114 Resp: 411321

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.788 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007976.D

Acq: 22 Mar 2022 01:06

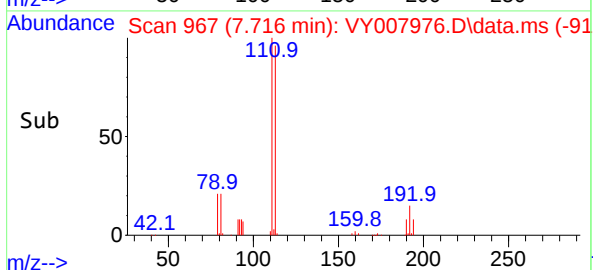
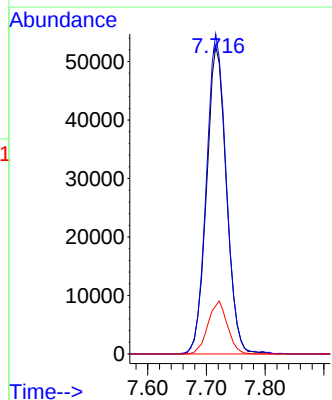
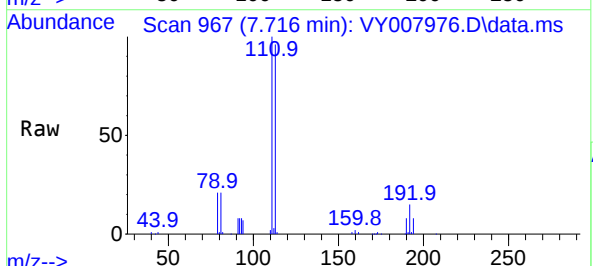
Tgt Ion:113 Resp: 123600

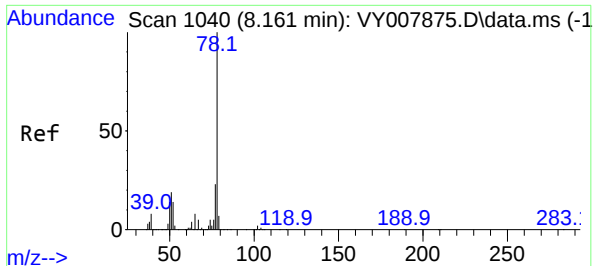
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 16.8 17.6 26.4#

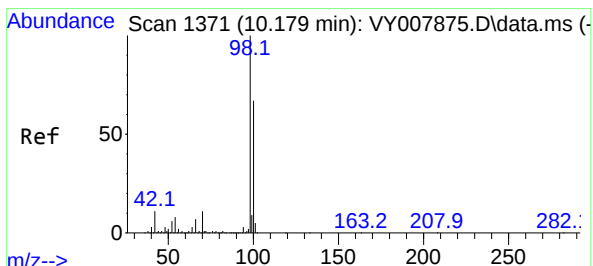
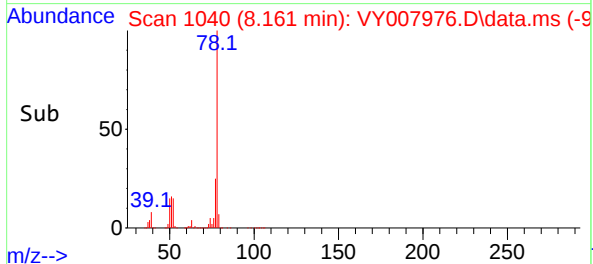
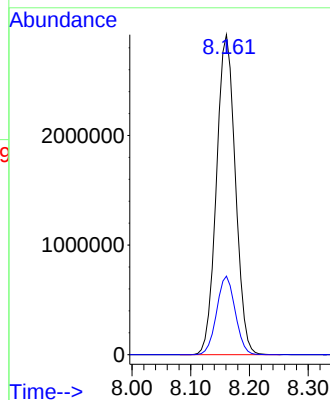
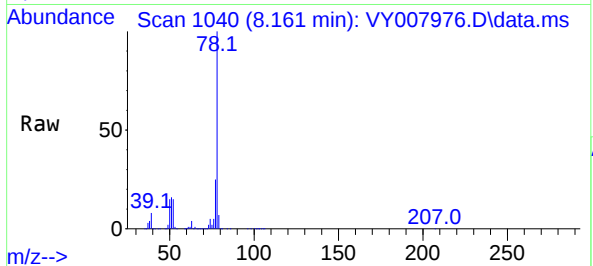




#40
Benzene
Concen: 519.736 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY007976.D
Acq: 22 Mar 2022 01:06

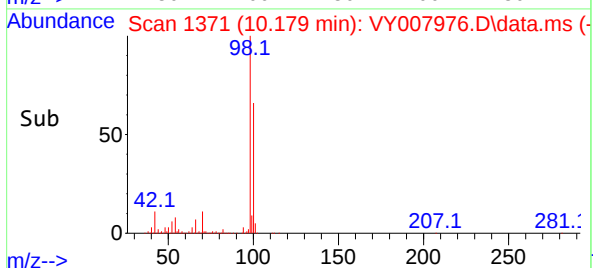
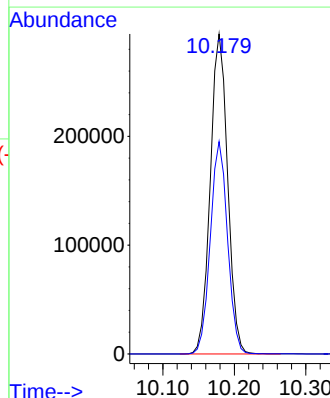
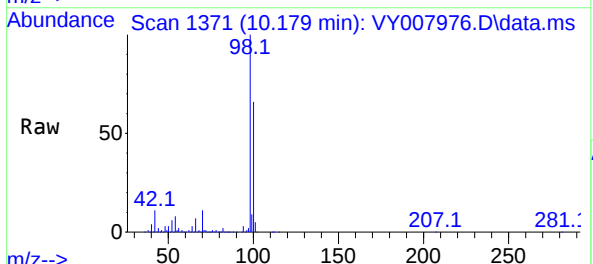
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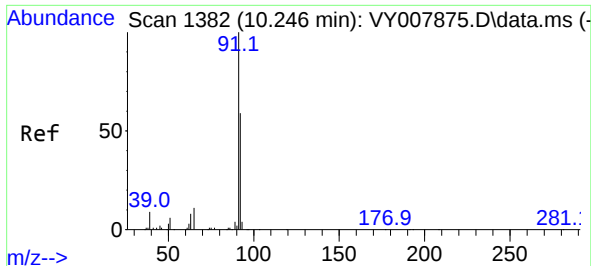
Tgt Ion: 78 Resp: 6507171
Ion Ratio Lower Upper
78 100
77 24.5 20.4 30.6



#50
Toluene-d8
Concen: 57.697 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007976.D
Acq: 22 Mar 2022 01:06

Tgt Ion: 98 Resp: 495348
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

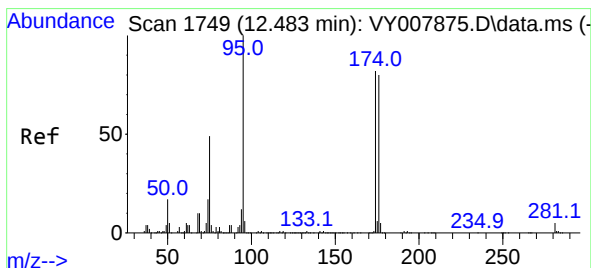
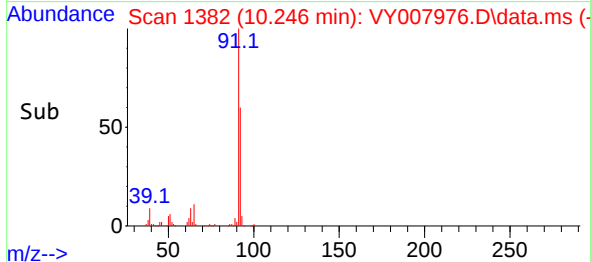
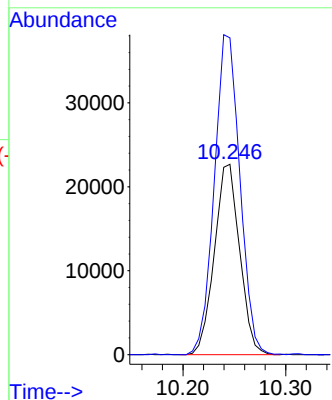
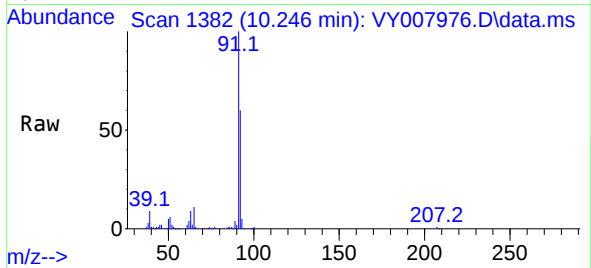




#52
Toluene
Concen: 4.813 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007976.D
Acq: 22 Mar 2022 01:06

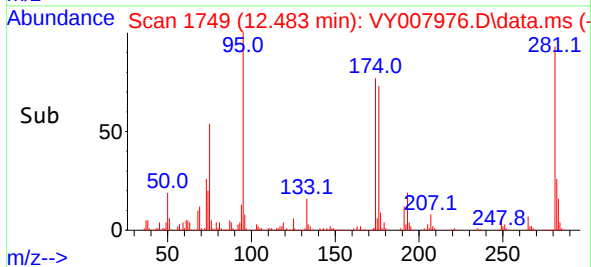
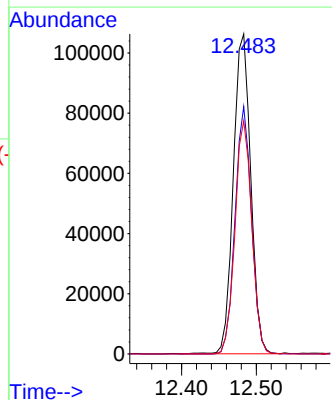
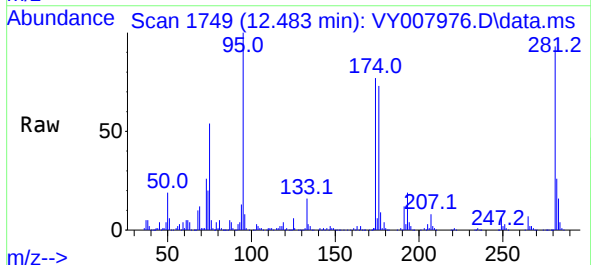
Instrument : MSVOA_Y
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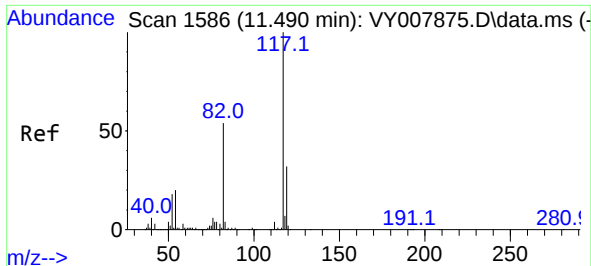
Tgt Ion: 92 Resp: 38697
Ion Ratio Lower Upper
92 100
91 170.4 142.6 213.8



#62
4-Bromofluorobenzene
Concen: 41.510 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007976.D
Acq: 22 Mar 2022 01:06

Tgt Ion: 95 Resp: 172094
Ion Ratio Lower Upper
95 100
174 73.3 0.0 177.0
176 70.3 0.0 175.8

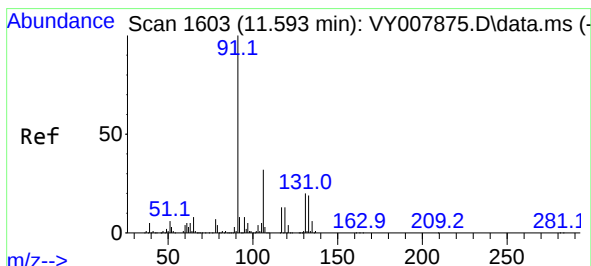
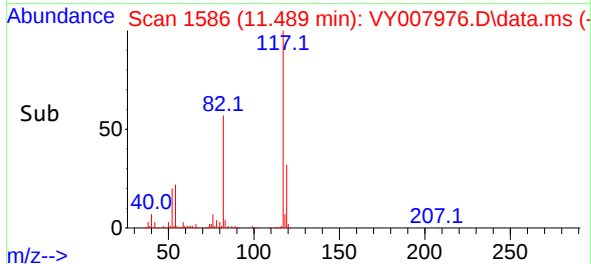
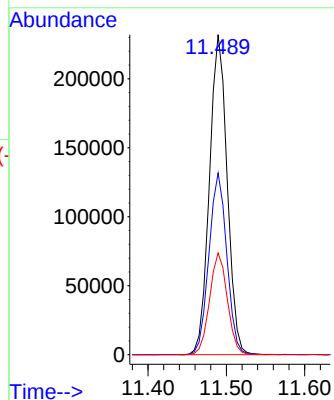
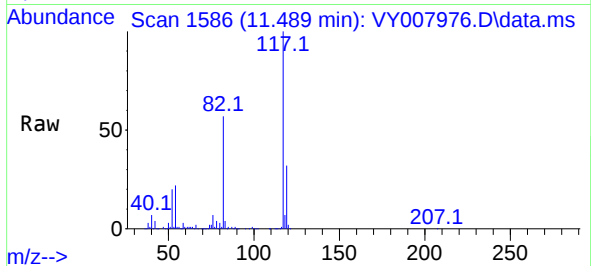




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007976.D
Acq: 22 Mar 2022 01:06

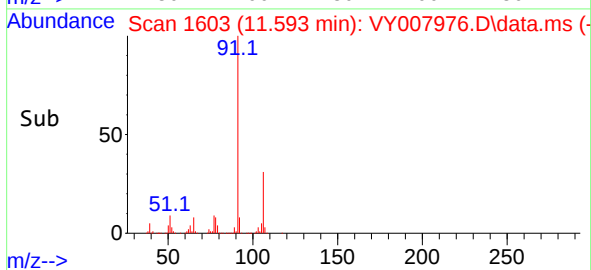
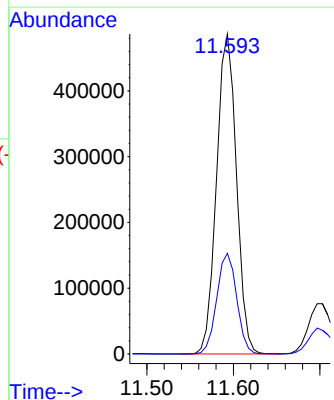
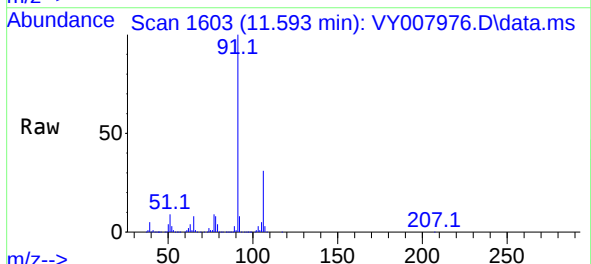
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-20220315-19.0-20.0

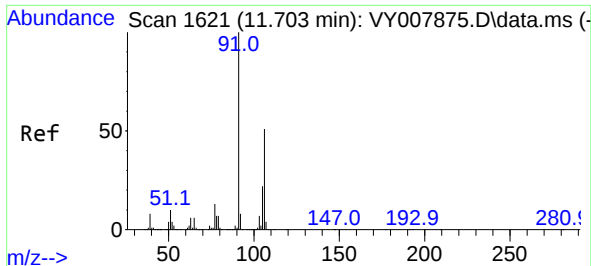
Tgt Ion:117 Resp: 364169
Ion Ratio Lower Upper
117 100
82 56.8 43.0 64.4
119 31.8 25.4 38.0



#67
Ethyl Benzene
Concen: 49.944 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007976.D
Acq: 22 Mar 2022 01:06

Tgt Ion: 91 Resp: 776125
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

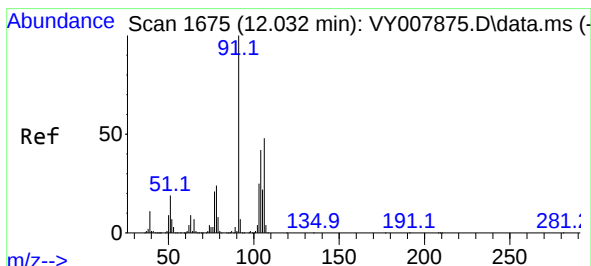
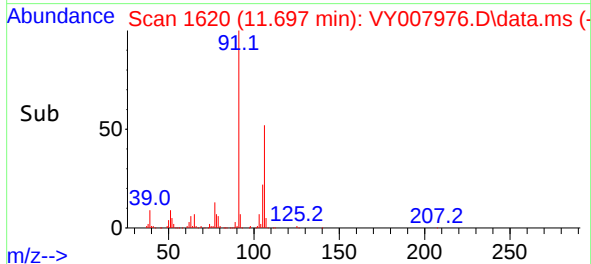
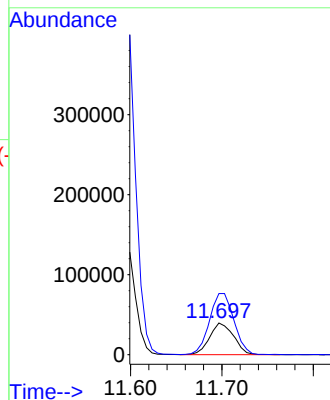
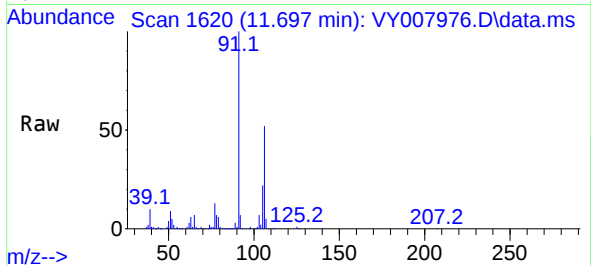




#68
m/p-Xylenes
Concen: 11.862 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007976.D
Acq: 22 Mar 2022 01:06

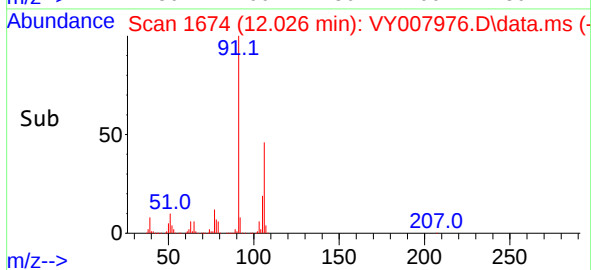
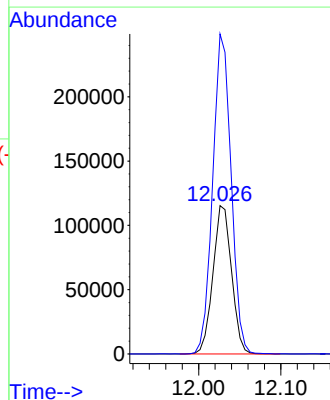
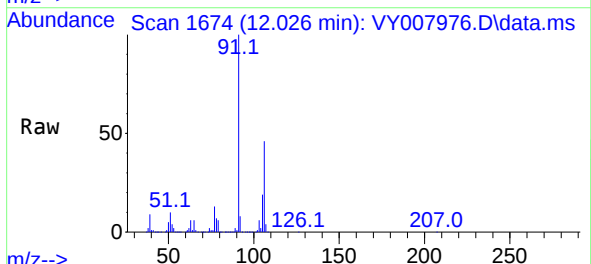
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-20220315-19.0-20.0

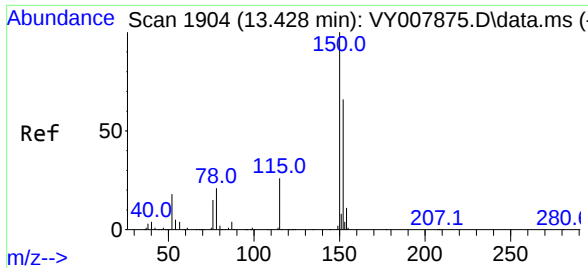
Tgt Ion:106 Resp: 71903
Ion Ratio Lower Upper
106 100
91 198.1 166.6 249.8



#69
o-Xylene
Concen: 30.922 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007976.D
Acq: 22 Mar 2022 01:06

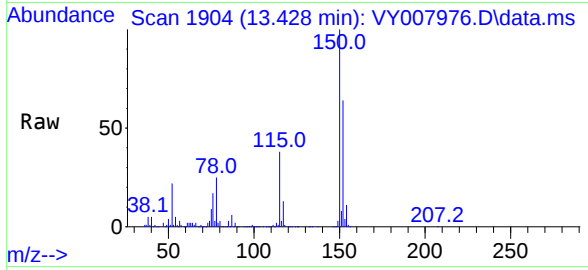
Tgt Ion:106 Resp: 181307
Ion Ratio Lower Upper
106 100
91 213.6 110.3 331.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007976.D
 Acq: 22 Mar 2022 01:06

Instrument : MSVOA_Y
 ClientSampleId : SB-12-20220315-19.0-20.0



Tgt Ion:152 Resp: 152601

Ion	Ratio	Lower	Upper
152	100		
115	61.7	28.2	84.7
150	157.8	0.0	347.6

