

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006539.D
 Acq On : 29 Oct 2021 14:55
 Operator : SY/MD
 Sample : M4407-02RE
 Misc : 3.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FDR-BH-7-20211028-7.5-8RE

Quant Time: Oct 30 03:00:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/01/2021
 Supervised By :Mahesh Dadoda 11/03/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	132293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	175704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	45672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97577	59.938	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.880%			
35) Dibromofluoromethane	7.722	113	68480	54.939	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.880%			
50) Toluene-d8	10.185	98	280081	53.005	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.020%			
62) 4-Bromofluorobenzene	12.483	95	70762	39.755	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.500%			
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	7700	16.426	ug/l	90
17) Carbon Disulfide	4.204	76	38632	9.862	ug/l	99
40) Benzene	8.161	78	14629	2.321	ug/l	95
52) Toluene	10.246	92	12810	3.240	ug/l	94
67) Ethyl Benzene	11.593	91	12348	1.896	ug/l	95
68) m/p-Xylenes	11.703	106	12196	4.979	ug/l #	71
69) o-Xylene	12.032	106	6113	2.615	ug/l	97
73) Isopropylbenzene	12.331	105	17543	5.491	ug/l	98
78) n-propylbenzene	12.672	91	20973	5.312	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	7455	2.787	ug/l	89
85) sec-Butylbenzene	13.258	105	8875	2.571	ug/l #	47
86) p-Isopropyltoluene	13.373	119	8747m	2.970	ug/l	
89) n-Butylbenzene	13.696	91	54857	19.803	ug/l	93

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

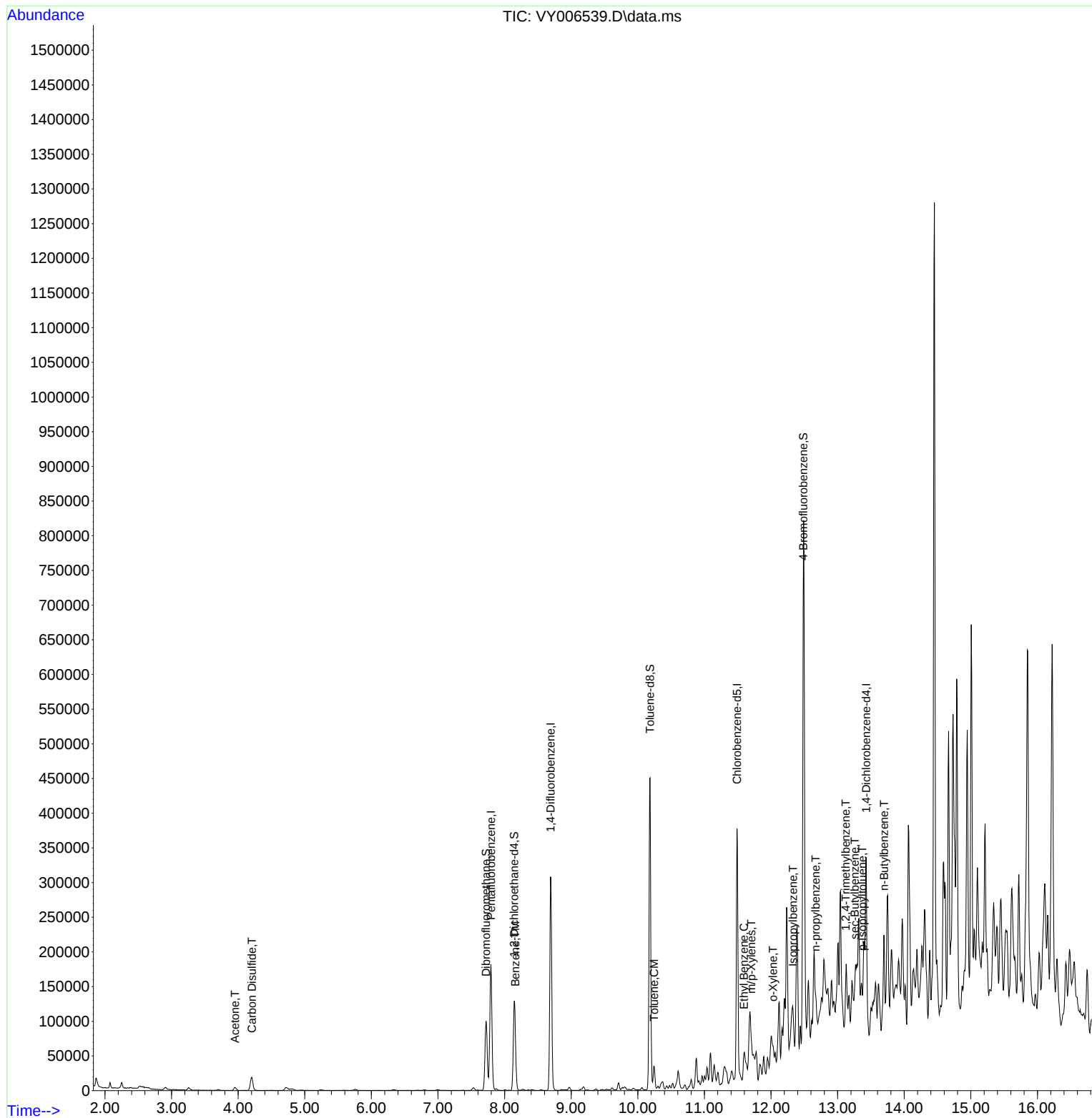
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
Data File : VY006539.D
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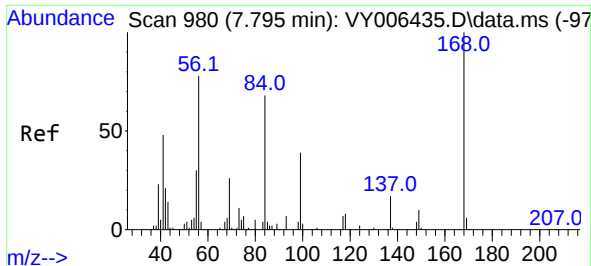
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-7-20211028-7.5-8RE

Quant Time: Oct 30 03:00:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
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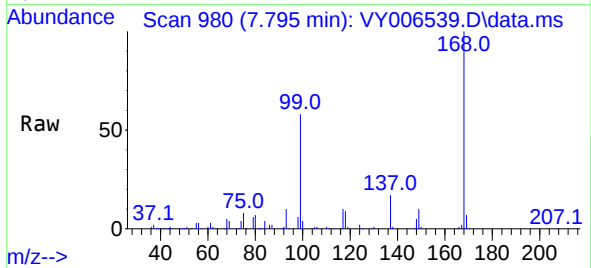
Reviewed By :Vimala Arumugam 11/01/2021
Supervised By :Mahesh Dadoda 11/03/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55

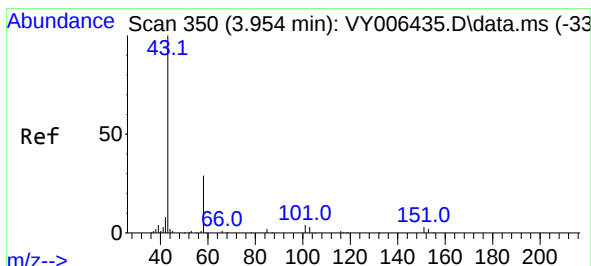
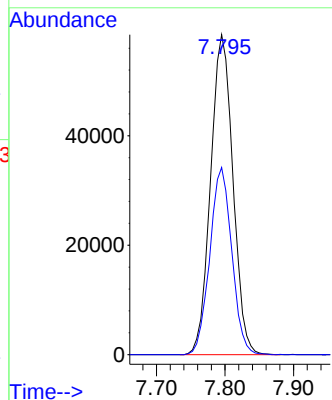
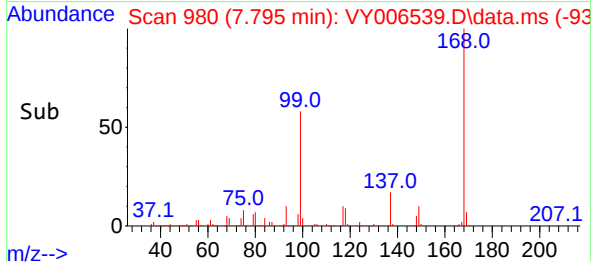
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-7-20211028-7.5-8RE



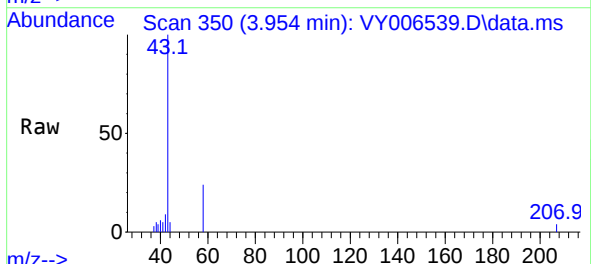
Tgt Ion:168 Resp: 13229
Ion Ratio Lower Upper
168 100
99 58.5 44.8 67.2

Manual Integrations
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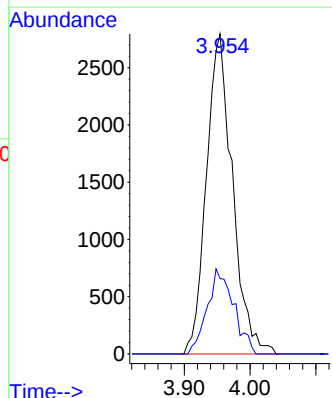
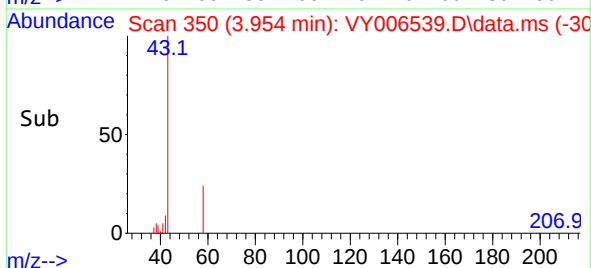
Reviewed By :Vimala Arumugam 11/01/2021
Supervised By :Mahesh Dadoda 11/03/2021

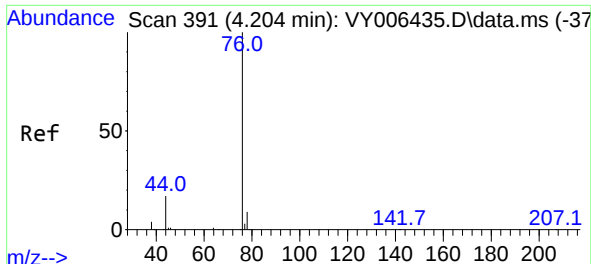


#16
Acetone
Concen: 16.426 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55



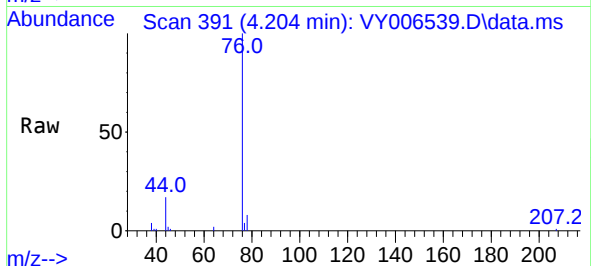
Tgt Ion: 43 Resp: 7700
Ion Ratio Lower Upper
43 100
58 23.5 22.9 34.3





#17
Carbon Disulfide
Concen: 9.862 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55

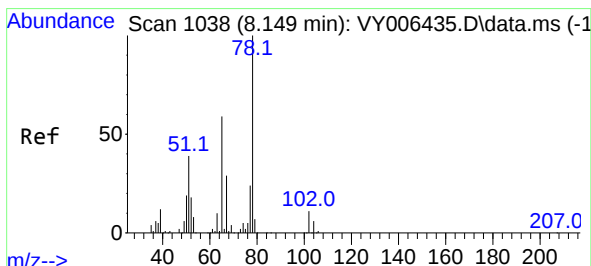
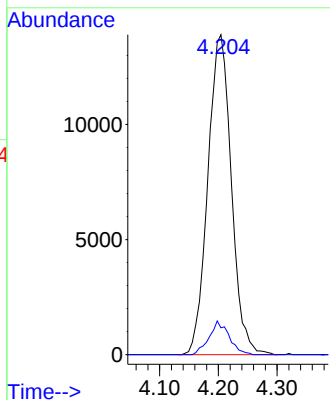
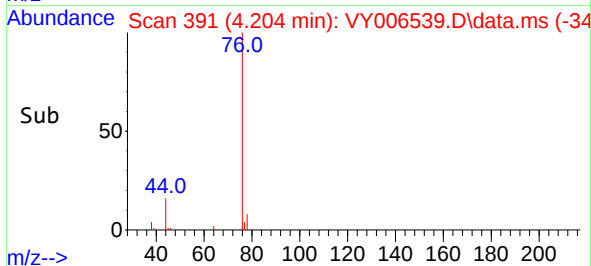
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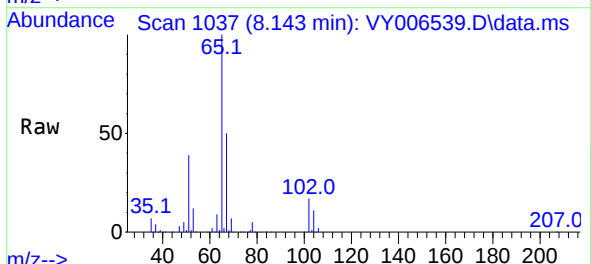
Tgt Ion: 76 Resp: 38632
Ion Ratio Lower Upper
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78 8.4 7.1 10.7

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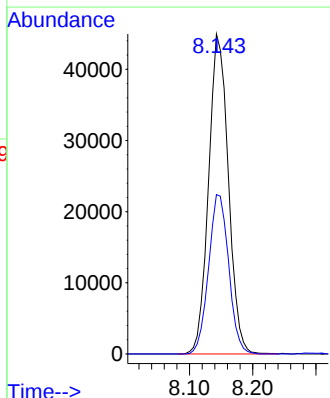
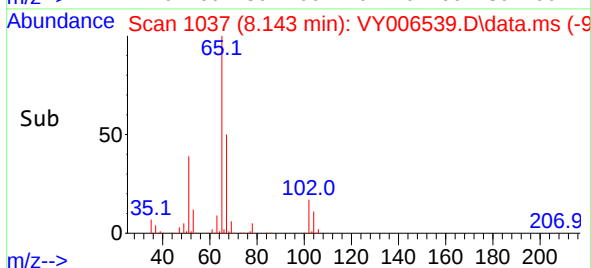
Reviewed By :Vimala Arumugam 11/01/2021
Supervised By :Mahesh Dadoda 11/03/2021

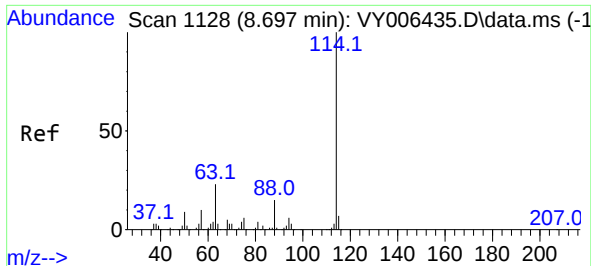


#33
1,2-Dichloroethane-d4
Concen: 59.938 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55



Tgt Ion: 65 Resp: 97577
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006539.D

Acq: 29 Oct 2021 14:55

Instrument :

MSVOA_Y

ClientSampleId :

FDR-BH-7-20211028-7.5-8RE

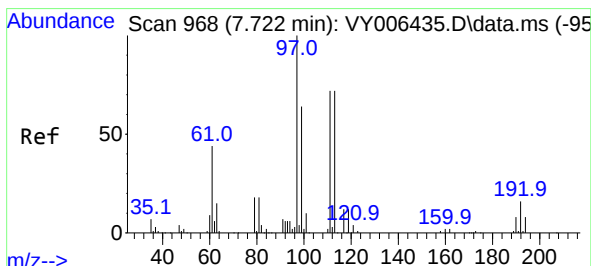
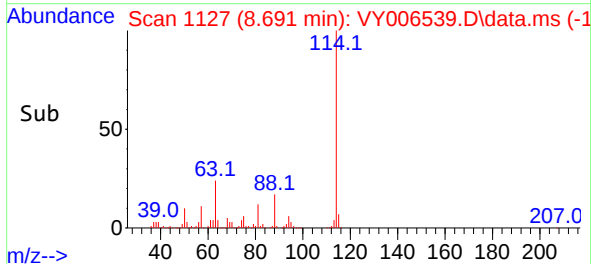
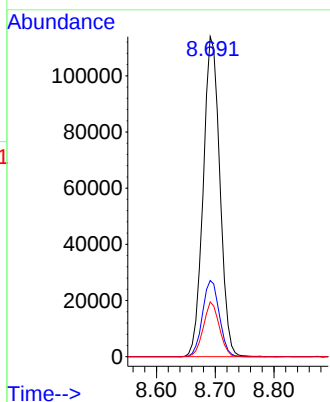
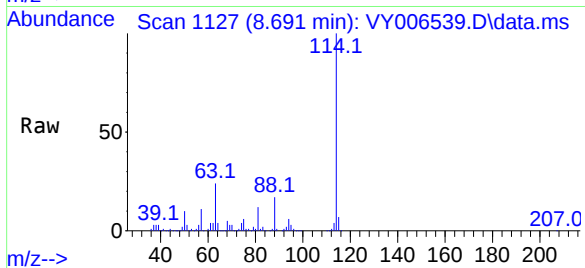
Tgt Ion:114 Resp: 223630

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	45.0
88	17.1	0.0	30.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 54.939 ug/l

RT: 7.722 min Scan# 968

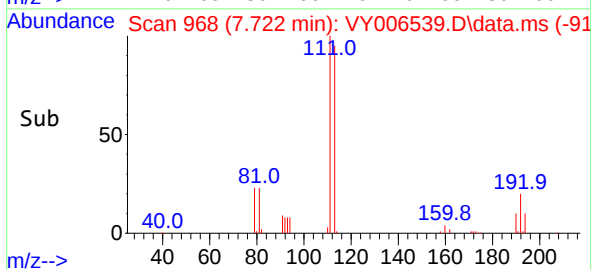
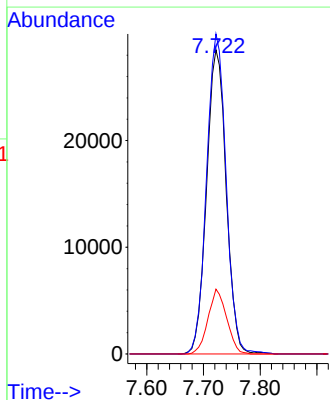
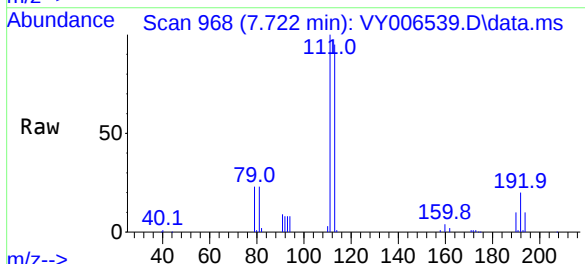
Delta R.T. 0.000 min

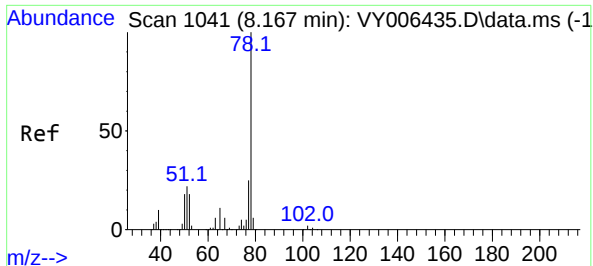
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Tgt Ion:113 Resp: 68480

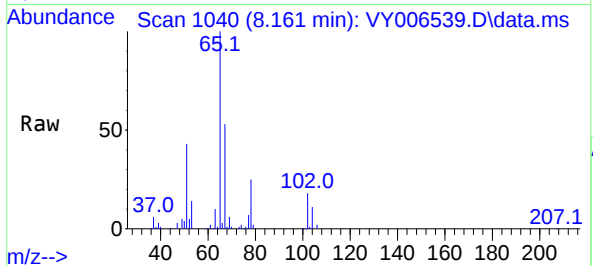
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.3	123.5
192	20.2	17.4	26.2





#40
Benzene
Concen: 2.321 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55

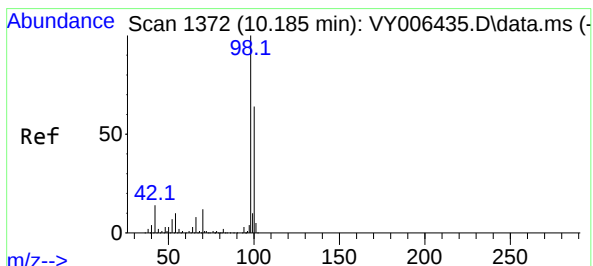
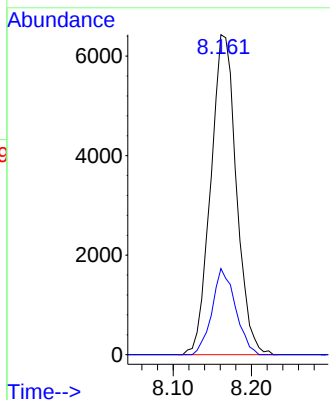
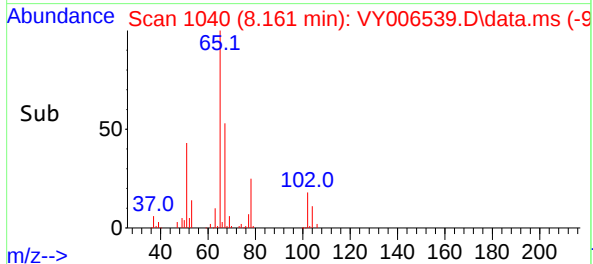
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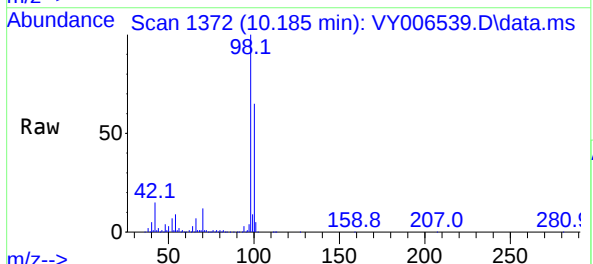
Tgt Ion: 78 Resp: 14629
Ion Ratio Lower Upper
78 100
77 26.9 19.7 29.5

Manual Integrations
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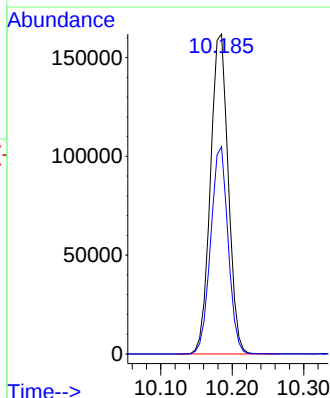
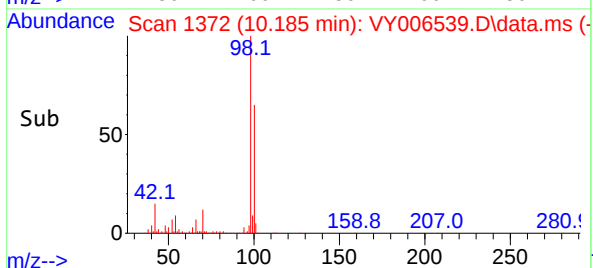
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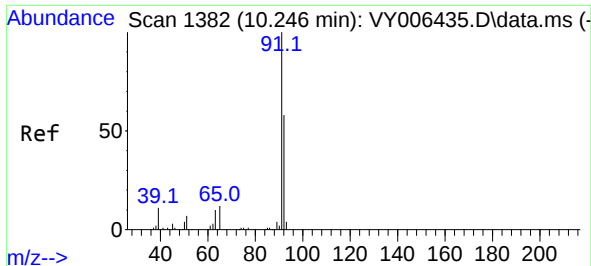


#50
Toluene-d8
Concen: 53.005 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55



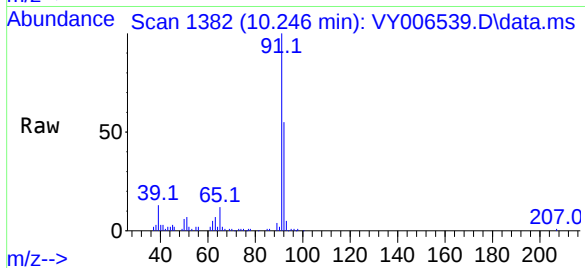
Tgt Ion: 98 Resp: 280081
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3





#52
Toluene
Concen: 3.240 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55

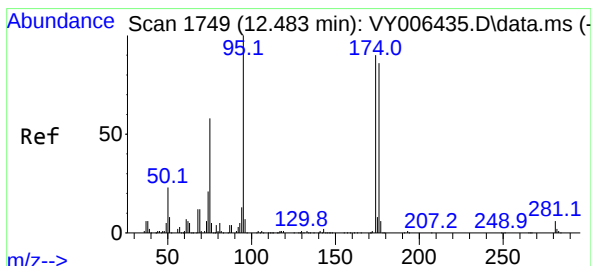
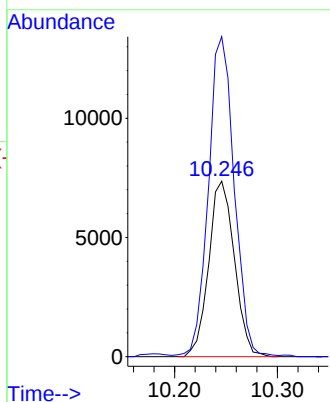
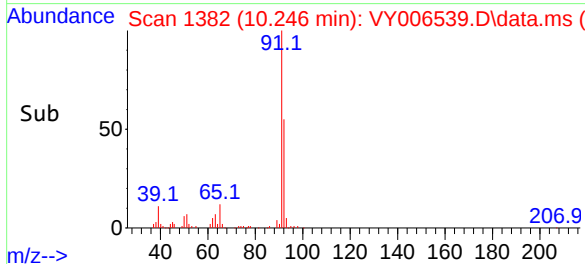
Instrument :
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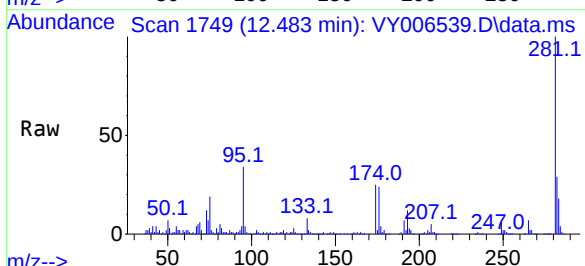
Tgt Ion: 92 Resp: 12810
Ion Ratio Lower Upper
92 100
91 183.4 139.7 209.5

Manual Integrations
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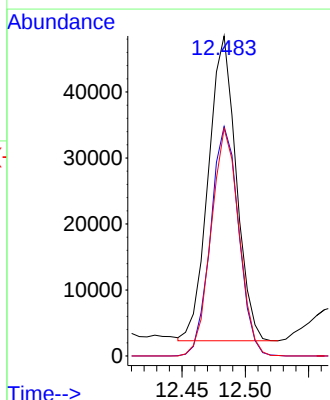
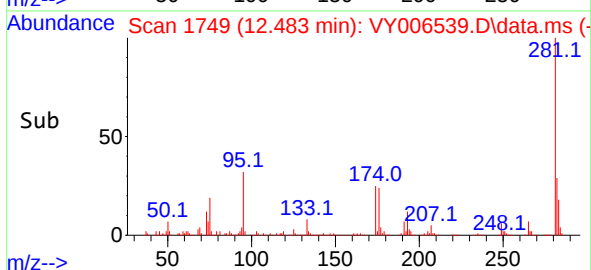
Reviewed By :Vimala Arumugam 11/01/2021
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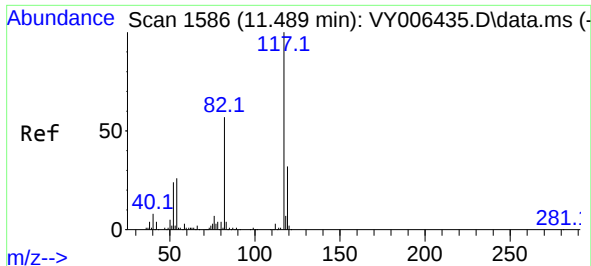


#62
4-Bromofluorobenzene
Concen: 39.755 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55



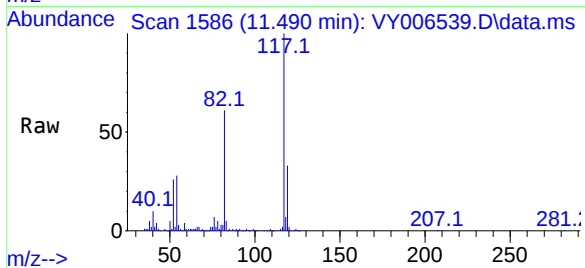
Tgt Ion: 95 Resp: 70762
Ion Ratio Lower Upper
95 100
174 75.8 0.0 177.0
176 74.3 0.0 169.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55

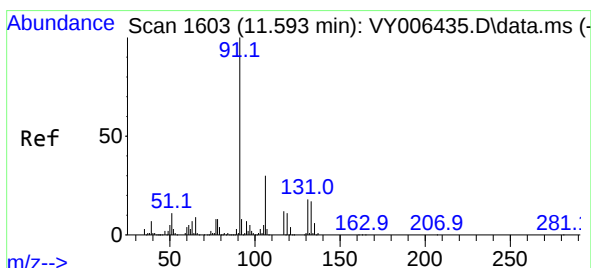
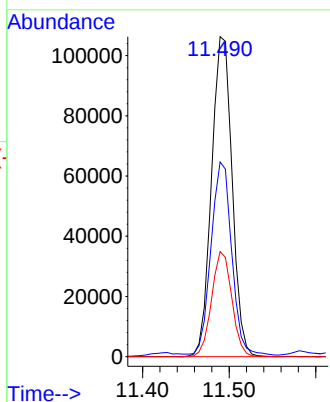
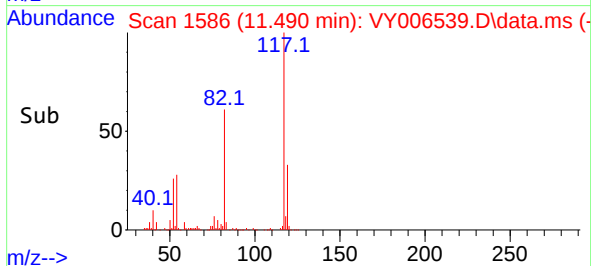
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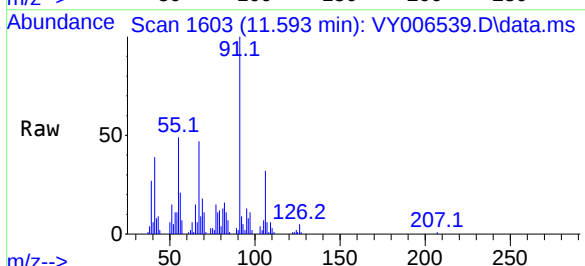
Tgt Ion: 117 Resp: 175704
Ion Ratio Lower Upper
117 100
82 60.4 45.7 68.5
119 32.8 25.5 38.3

Manual Integrations
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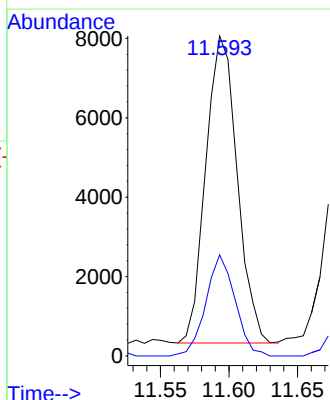
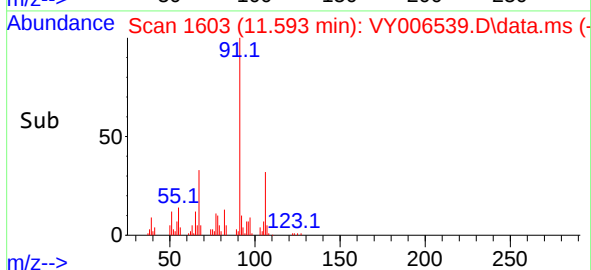
Reviewed By :Vimala Arumugam 11/01/2021
Supervised By :Mahesh Dadoda 11/03/2021

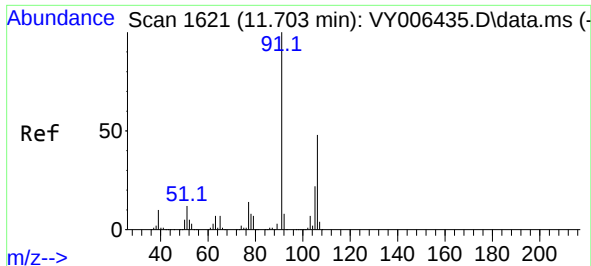


#67
Ethyl Benzene
Concen: 1.896 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55



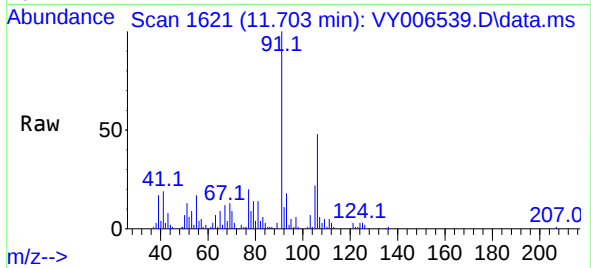
Tgt Ion: 91 Resp: 12348
Ion Ratio Lower Upper
91 100
106 32.9 24.2 36.4





#68
m/p-Xylenes
Concen: 4.979 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55

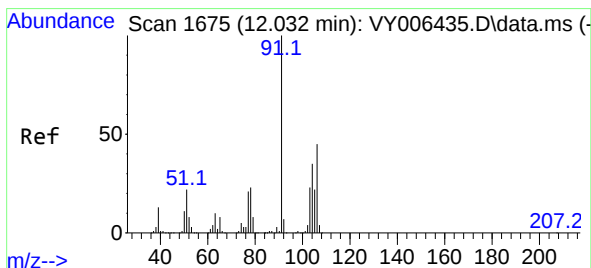
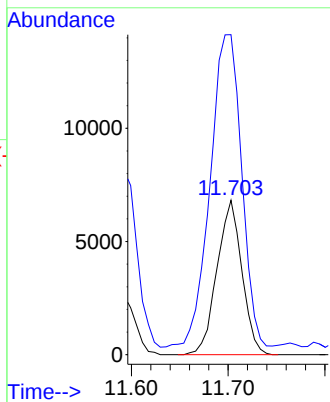
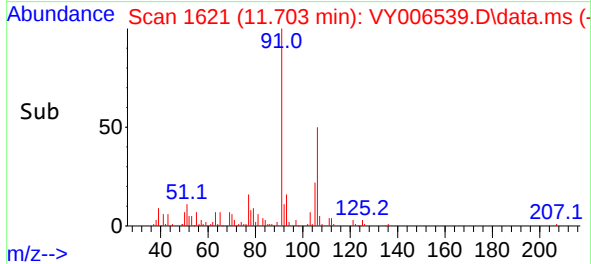
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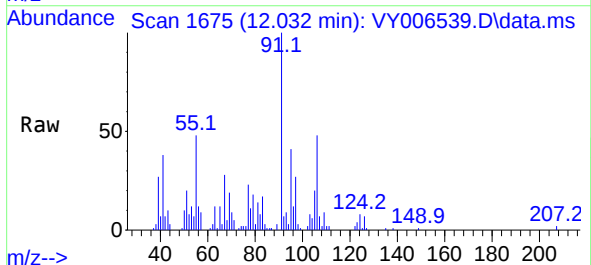
Tgt Ion:106 Resp: 12190
Ion Ratio Lower Upper
106 100
91 254.4 167.5 251.3

Manual Integrations
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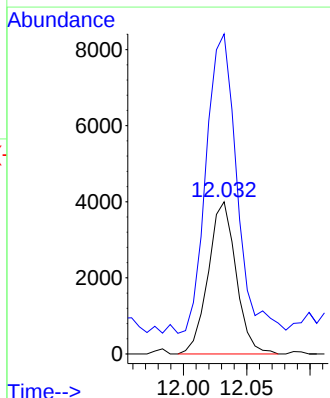
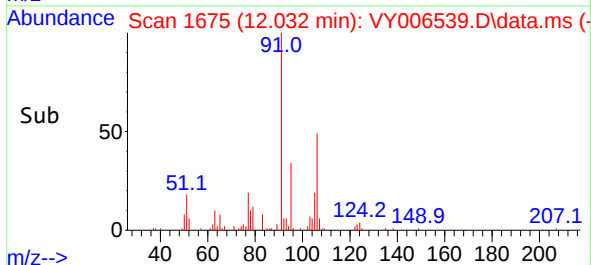
Reviewed By :Vimala Arumugam 11/01/2021
Supervised By :Mahesh Dadoda 11/03/2021

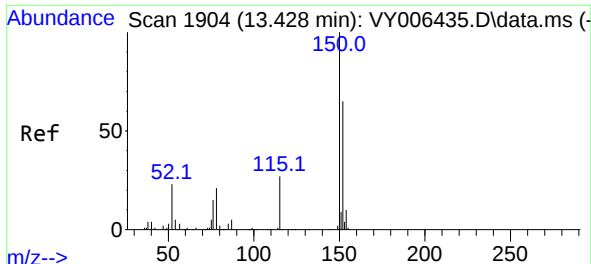


#69
o-Xylene
Concen: 2.615 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55



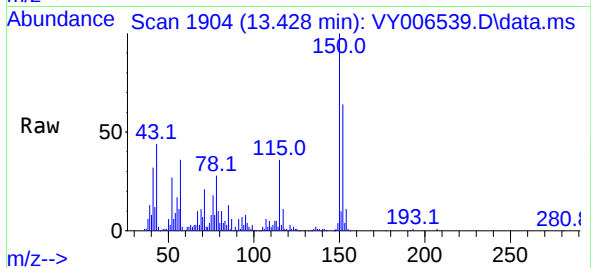
Tgt Ion:106 Resp: 6113
Ion Ratio Lower Upper
106 100
91 216.2 110.3 330.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55

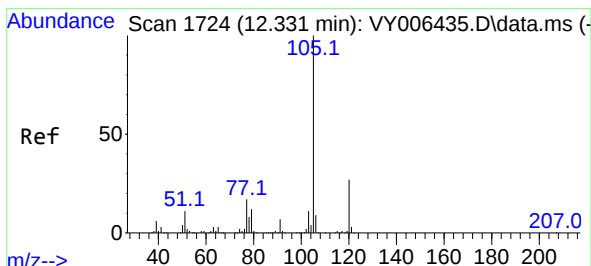
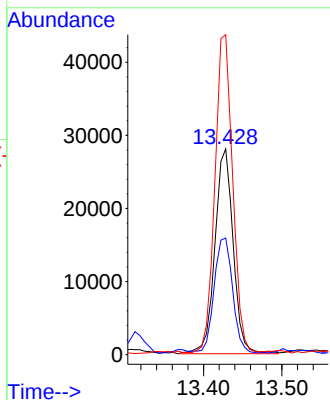
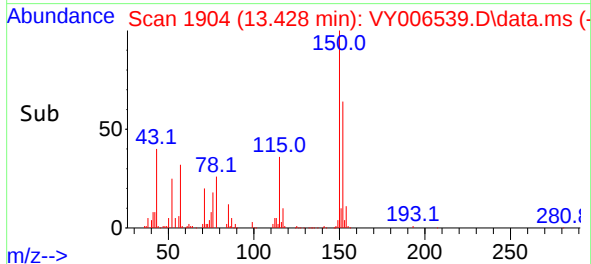
Instrument : MSVOA_Y
ClientSampleId : FDR-BH-7-20211028-7.5-8RE



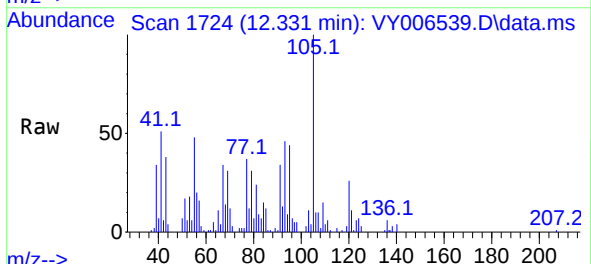
Tgt Ion:152 Resp: 45672
Ion Ratio Lower Upper
152 100
115 56.0 28.5 85.5
150 149.9 0.0 348.2

Manual Integrations
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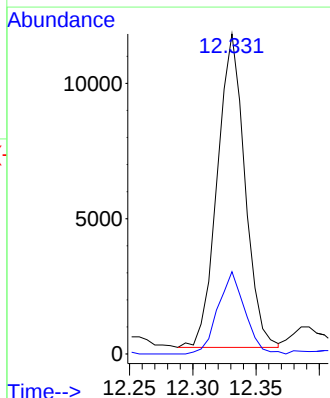
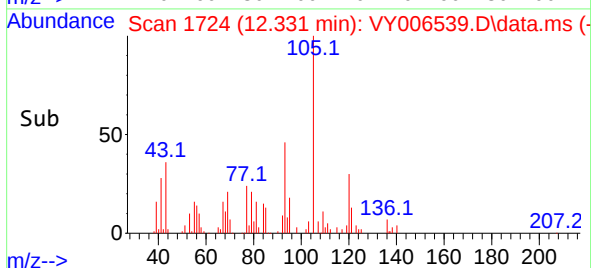
Reviewed By :Vimala Arumugam 11/01/2021
Supervised By :Mahesh Dadoda 11/03/2021

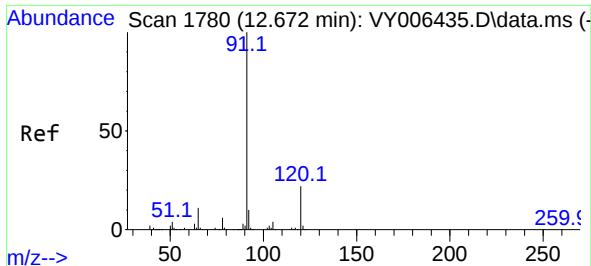


#73
Isopropylbenzene
Concen: 5.491 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55



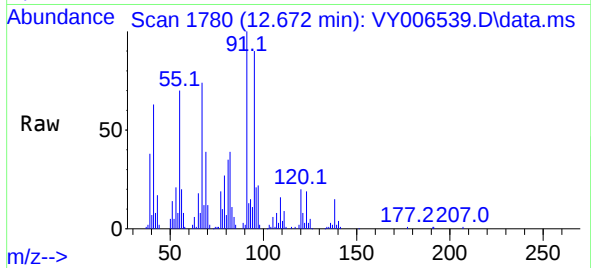
Tgt Ion:105 Resp: 17543
Ion Ratio Lower Upper
105 100
120 25.6 13.3 39.9





#78
n-propylbenzene
Concen: 5.312 ug/l
RT: 12.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55

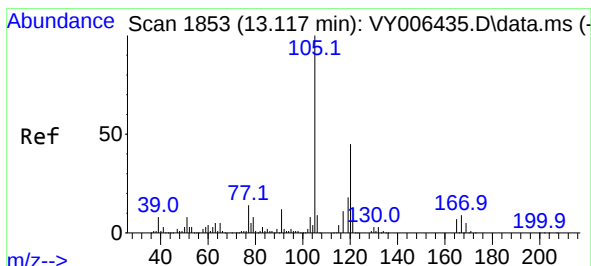
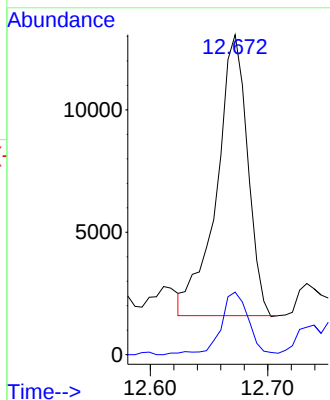
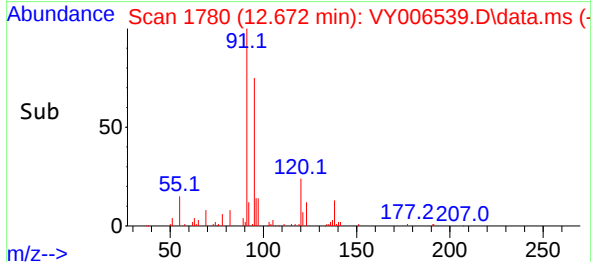
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-7-20211028-7.5-8RE



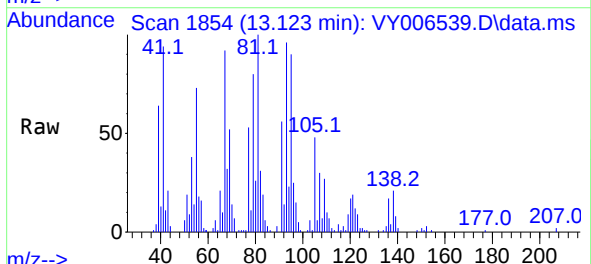
Tgt Ion: 91 Resp: 2097
Ion Ratio Lower Upper
91 100
120 19.9 11.3 33.8

Manual Integrations
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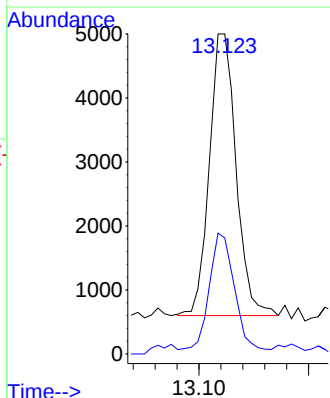
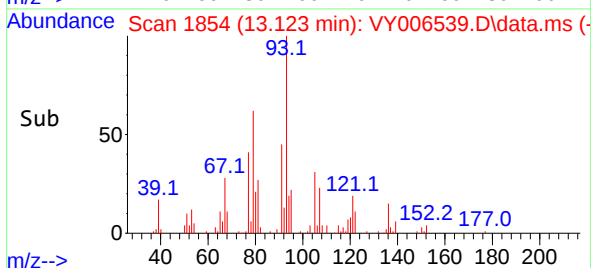
Reviewed By :Vimala Arumugam 11/01/2021
Supervised By :Mahesh Dadoda 11/03/2021

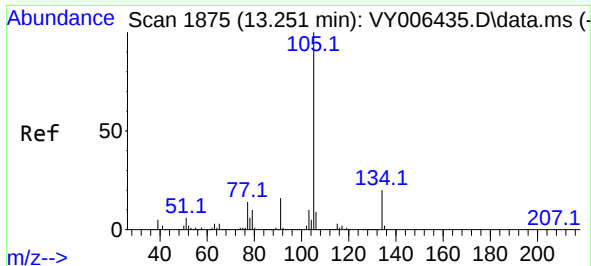


#84
1,2,4-Trimethylbenzene
Concen: 2.787 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY006539.D
Acq: 29 Oct 2021 14:55



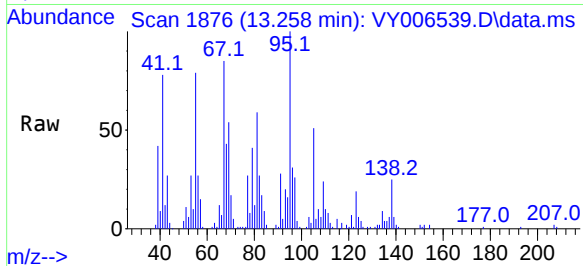
Tgt Ion:105 Resp: 7455
Ion Ratio Lower Upper
105 100
120 37.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 2.571 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY006539.D
 Acq: 29 Oct 2021 14:55

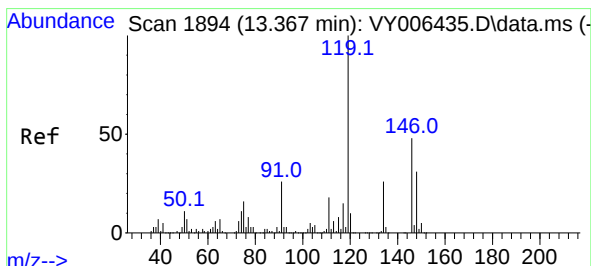
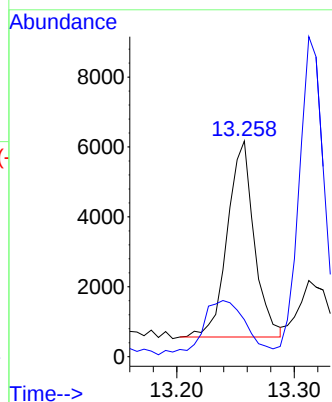
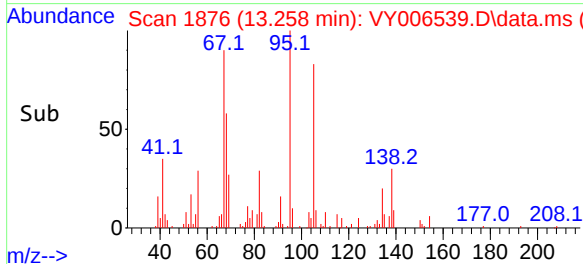
Instrument :
 MSVOA_Y
 ClientSampleId :
 FDR-BH-7-20211028-7.5-8RE



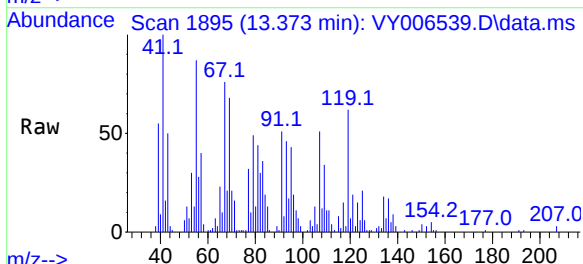
Tgt Ion:105 Resp: 8875
 Ion Ratio Lower Upper
 105 100
 134 44.7 10.1 30.3

Manual Integrations
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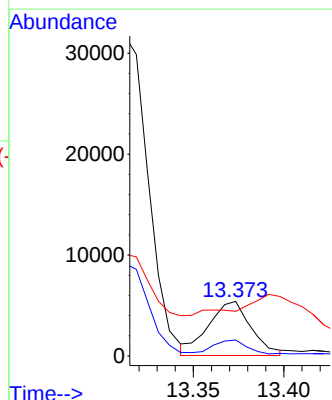
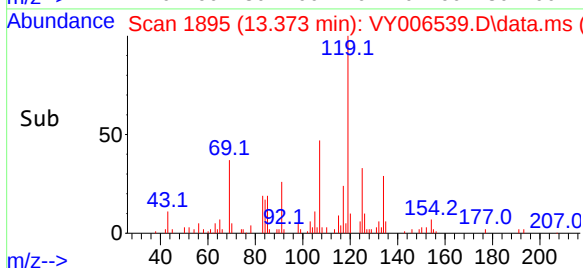
Reviewed By :Vimala Arumugam 11/01/2021
 Supervised By :Mahesh Dadoda 11/03/2021

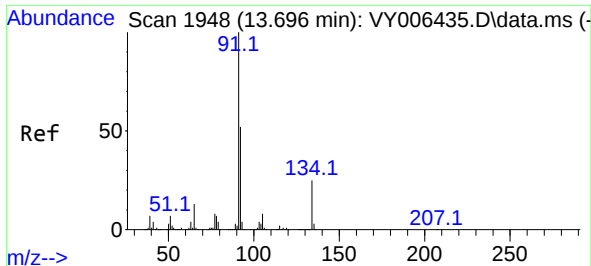


#86
 p-Isopropyltoluene
 Concen: 2.970 ug/l m
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY006539.D
 Acq: 29 Oct 2021 14:55



Tgt Ion:119 Resp: 8747
 Ion Ratio Lower Upper
 119 100
 134 150.7 13.1 39.1#
 91 148.4 12.4 37.4#





#89

n-Butylbenzene

Concen: 19.803 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY006539.D

Acq: 29 Oct 2021 14:55

Instrument :

MSVOA_Y

ClientSampleId :

FDR-BH-7-20211028-7.5-8RE

Tgt Ion: 91	Resp: 5485
Ion Ratio	Lower Upper
91	100
92	48.8 26.3 78.9
134	31.1 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/01/2021
Supervised By :Mahesh Dadoda 11/03/2021

