

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008729.D
 Acq On : 12 May 2022 00:57
 Operator : KP/MD
 Sample : N2781-12
 Misc : 4.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS003-1218-01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

Quant Time: May 12 09:26:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	23689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	42258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	40876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18445	90.871	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 181.740%#			
35) Dibromofluoromethane	7.716	113	15507	59.548	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.100%			
50) Toluene-d8	10.179	98	50737	55.288	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.580%			
62) 4-Bromofluorobenzene	12.483	95	15392	46.621	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.240%			
Target Compounds						Qvalue
16) Acetone	3.954	43	1565m	32.680	ug/l	

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

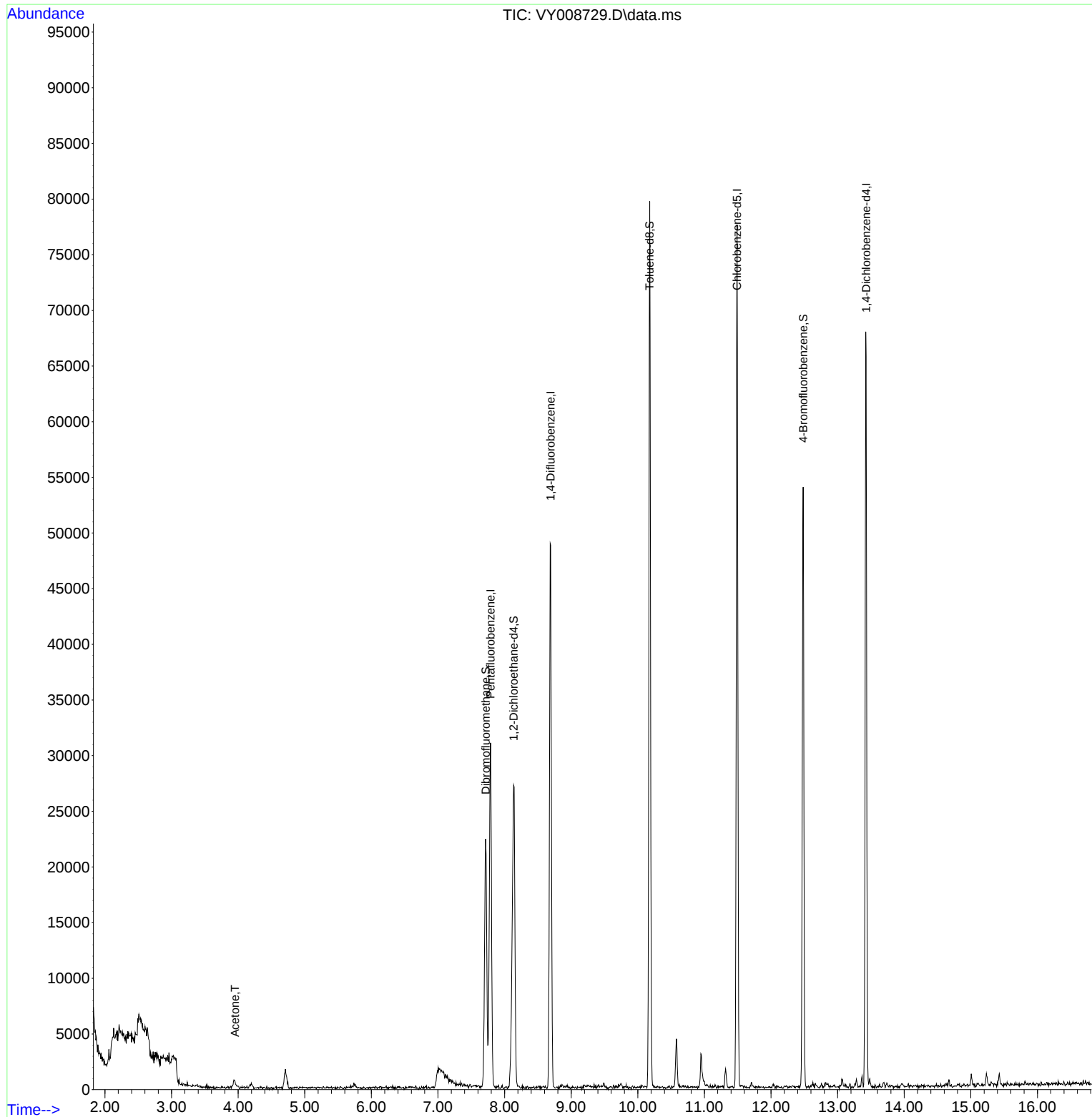
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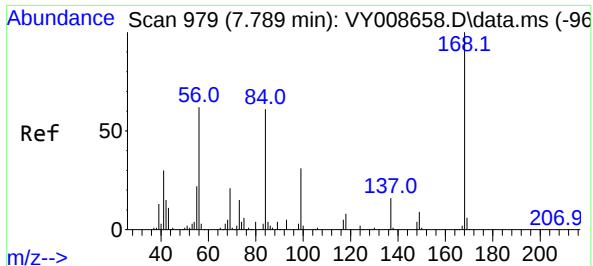
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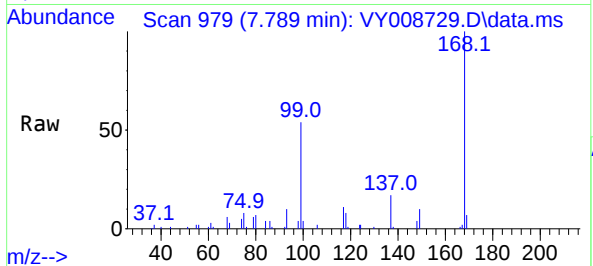
Reviewed By : John Carlone 05/12/2022
Supervised By : Mahesh Dadoda 05/12/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008729.D
Acq: 12 May 2022 00:57

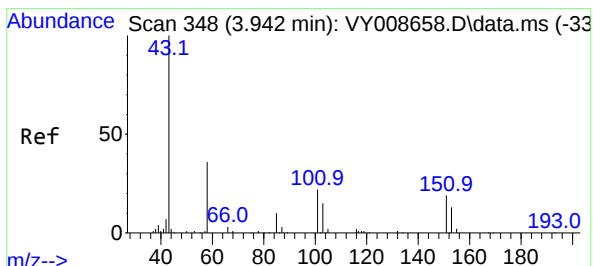
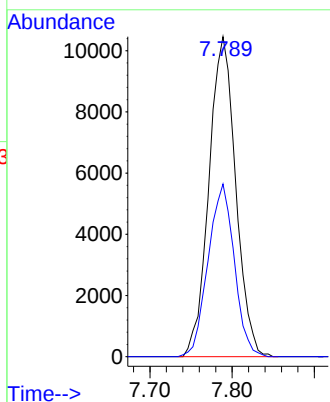
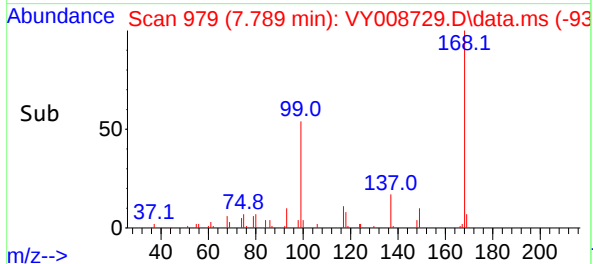
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-1218-01



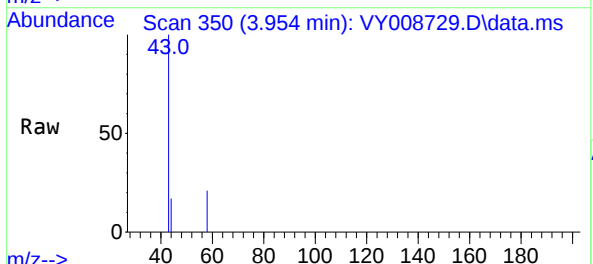
Tgt Ion:168 Resp: 23689
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3

Manual Integrations
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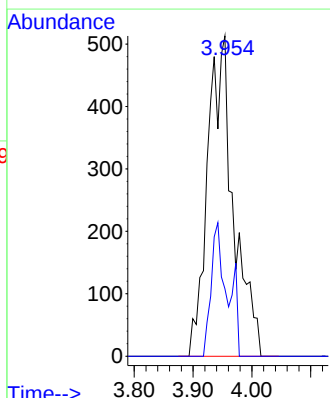
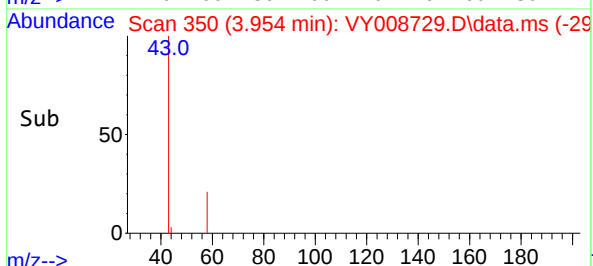
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Supervised By :Mahesh Dadoda 05/12/2022

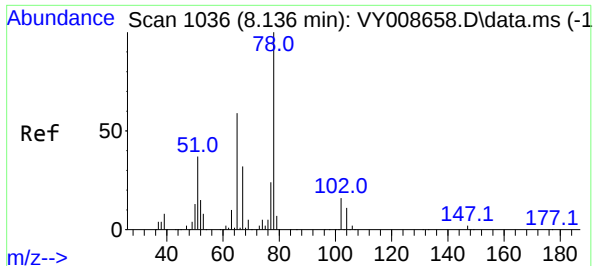


#16
Acetone
Concen: 32.680 ug/l m
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY008729.D
Acq: 12 May 2022 00:57



Tgt Ion: 43 Resp: 1565
Ion Ratio Lower Upper
43 100
58 21.1 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 90.871 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008729.D

Acq: 12 May 2022 00:57

Instrument :

MSVOA_Y

ClientSampleId :

P011-SS003-1218-01

Tgt Ion: 65 Resp: 1844

Ion Ratio Lower Upper

65 100

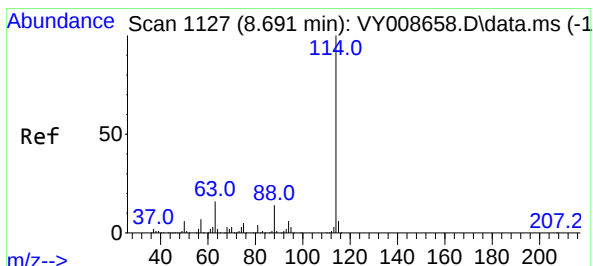
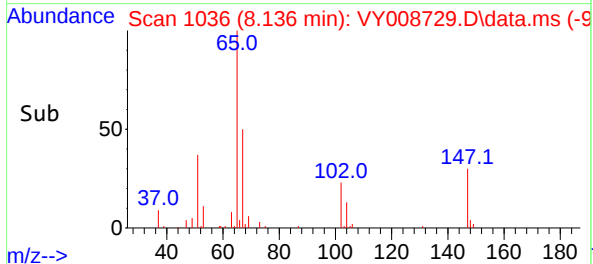
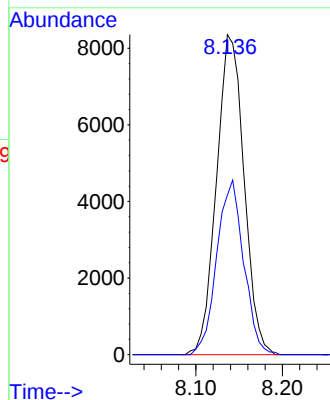
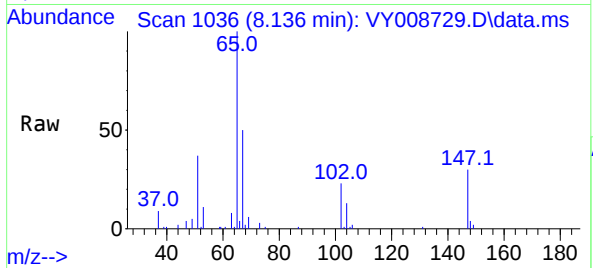
67 53.3 0.0 99.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008729.D

Acq: 12 May 2022 00:57

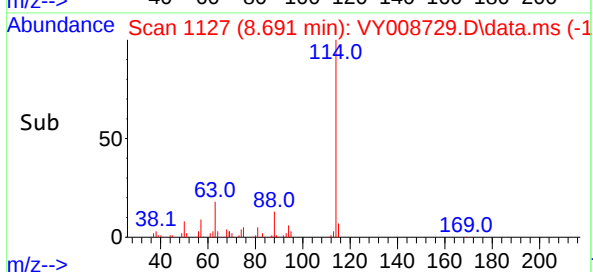
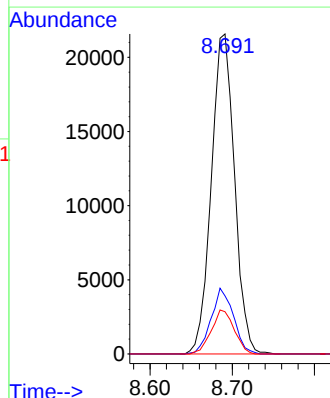
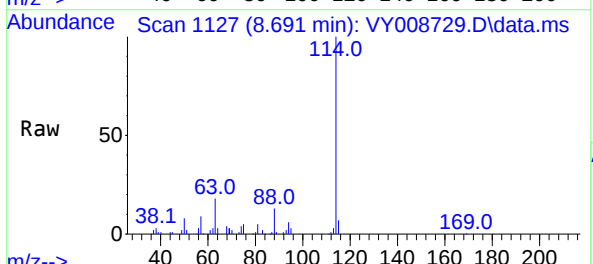
Tgt Ion:114 Resp: 42258

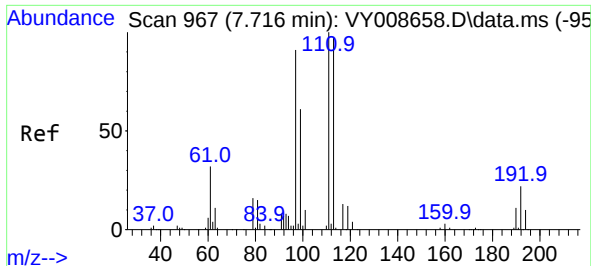
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

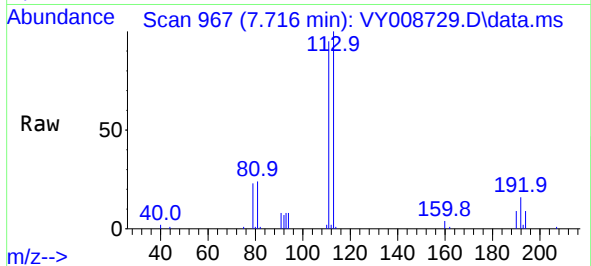
88 13.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 59.548 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008729.D
Acq: 12 May 2022 00:57

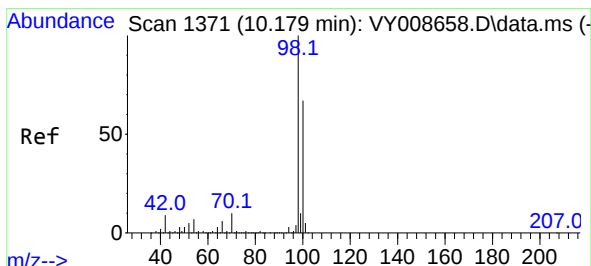
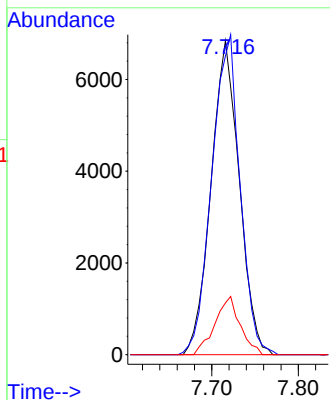
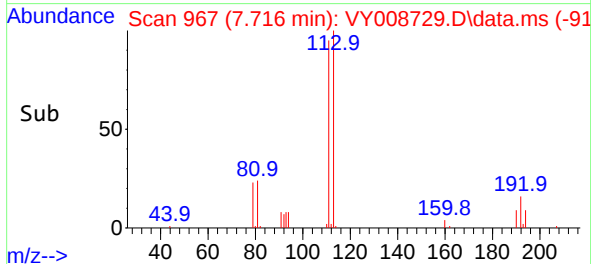
Instrument :
MSVOA_Y
ClientSampleId :
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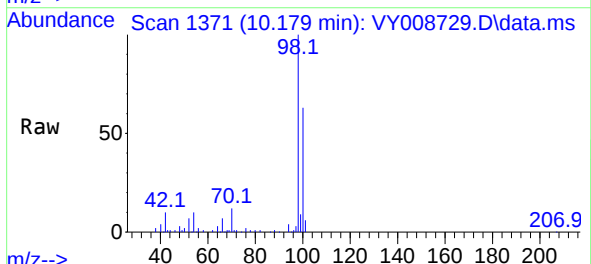
Tgt Ion:113 Resp: 1550
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 16.5 17.6 26.4

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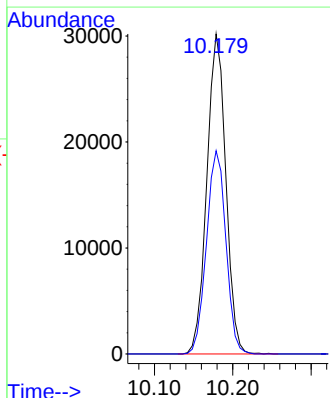
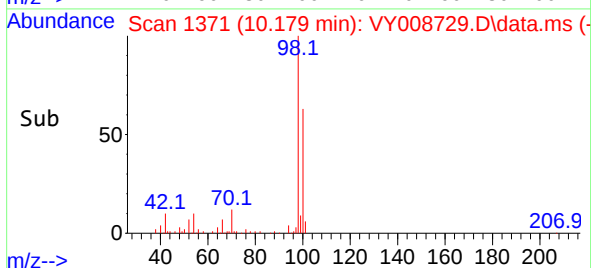
Reviewed By :John Carlone 05/12/2022
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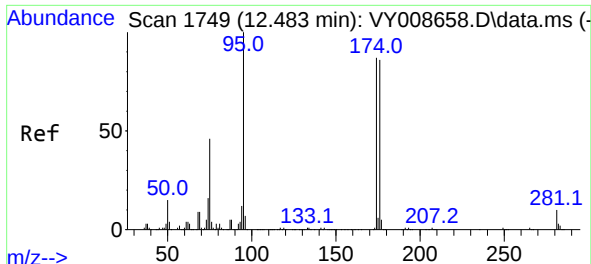


#50
Toluene-d8
Concen: 55.288 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008729.D
Acq: 12 May 2022 00:57



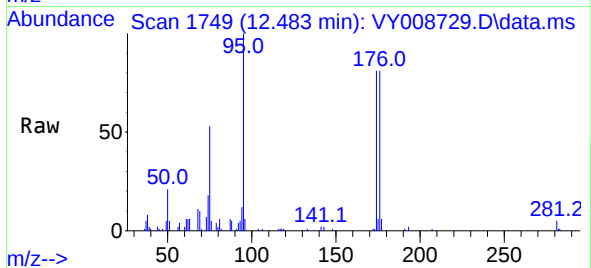
Tgt Ion: 98 Resp: 50737
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2





#62
4-Bromofluorobenzene
Concen: 46.621 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008729.D
Acq: 12 May 2022 00:57

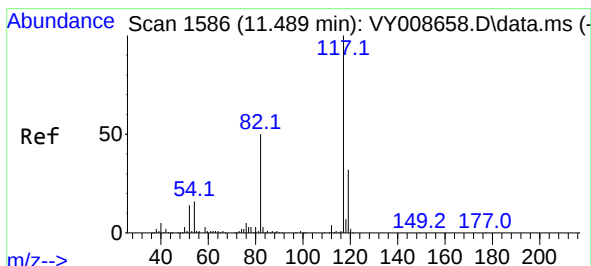
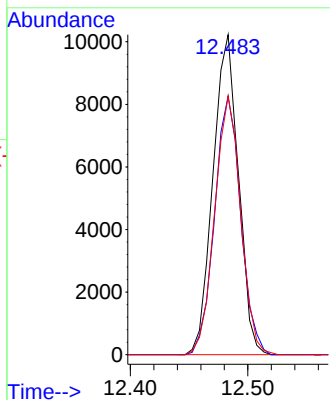
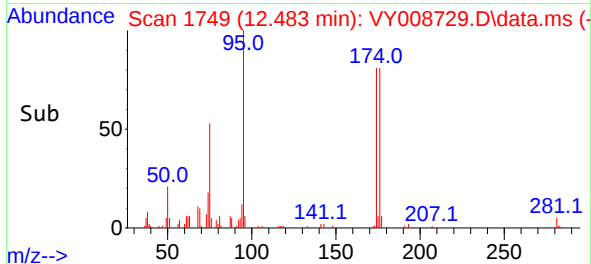
Instrument :
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ClientSampleId :
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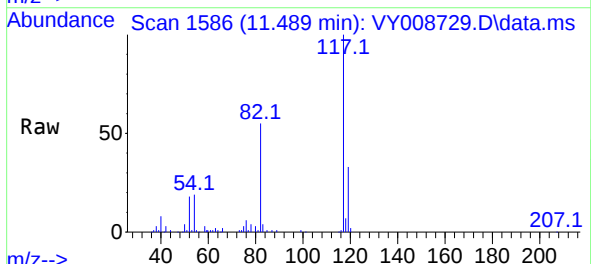
Tgt Ion: 95 Resp: 15392
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 82.3 0.0 175.8

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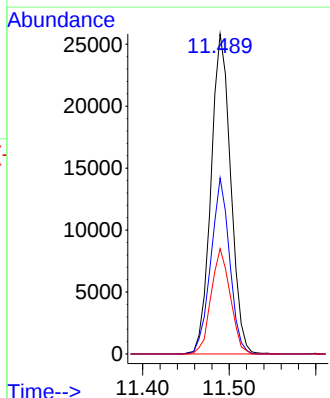
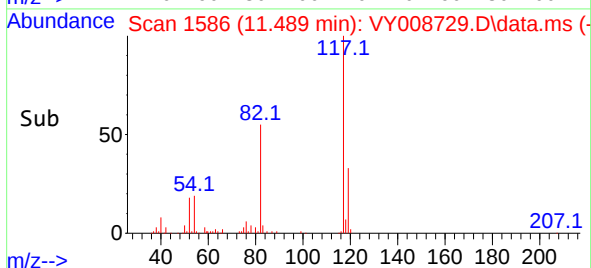
Reviewed By :John Carlone 05/12/2022
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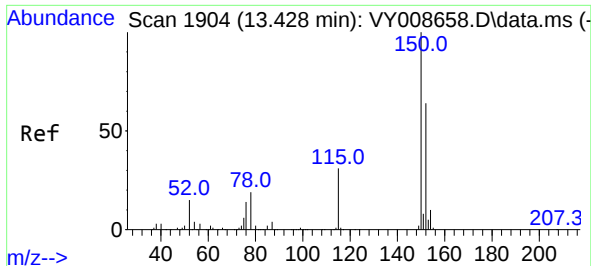


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008729.D
Acq: 12 May 2022 00:57



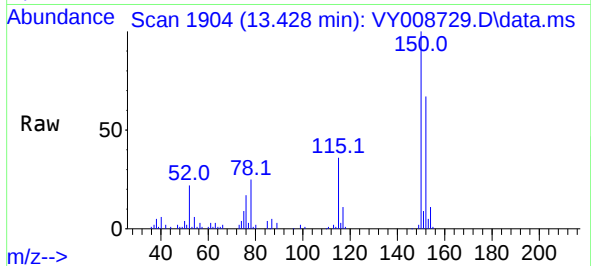
Tgt Ion:117 Resp: 40876
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008729.D
 Acq: 12 May 2022 00:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS003-1218-01



Tgt Ion:152 Resp: 1689
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.2 84.7
 150 155.1 0.0 347.6

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