

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009810.D
 Acq On : 01 Aug 2022 20:32
 Operator : KP/MD
 Sample : N3961-01
 Misc : 3.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-168

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/02/2022
 Supervised By :Mahesh Dadoda 08/02/2022

Quant Time: Aug 02 01:43:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	3302	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	4947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	2270	109.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 218.840%#	
35) Dibromofluoromethane	7.722	113	709m	26.352	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 52.700%#	
50) Toluene-d8	10.179	98	4685	60.697	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 121.400%	
62) 4-Bromofluorobenzene	12.483	95	1449	40.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 81.240%	
Target Compounds						
20) Methylene Chloride	4.704	84	997	20.615	ug/l	# 61

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

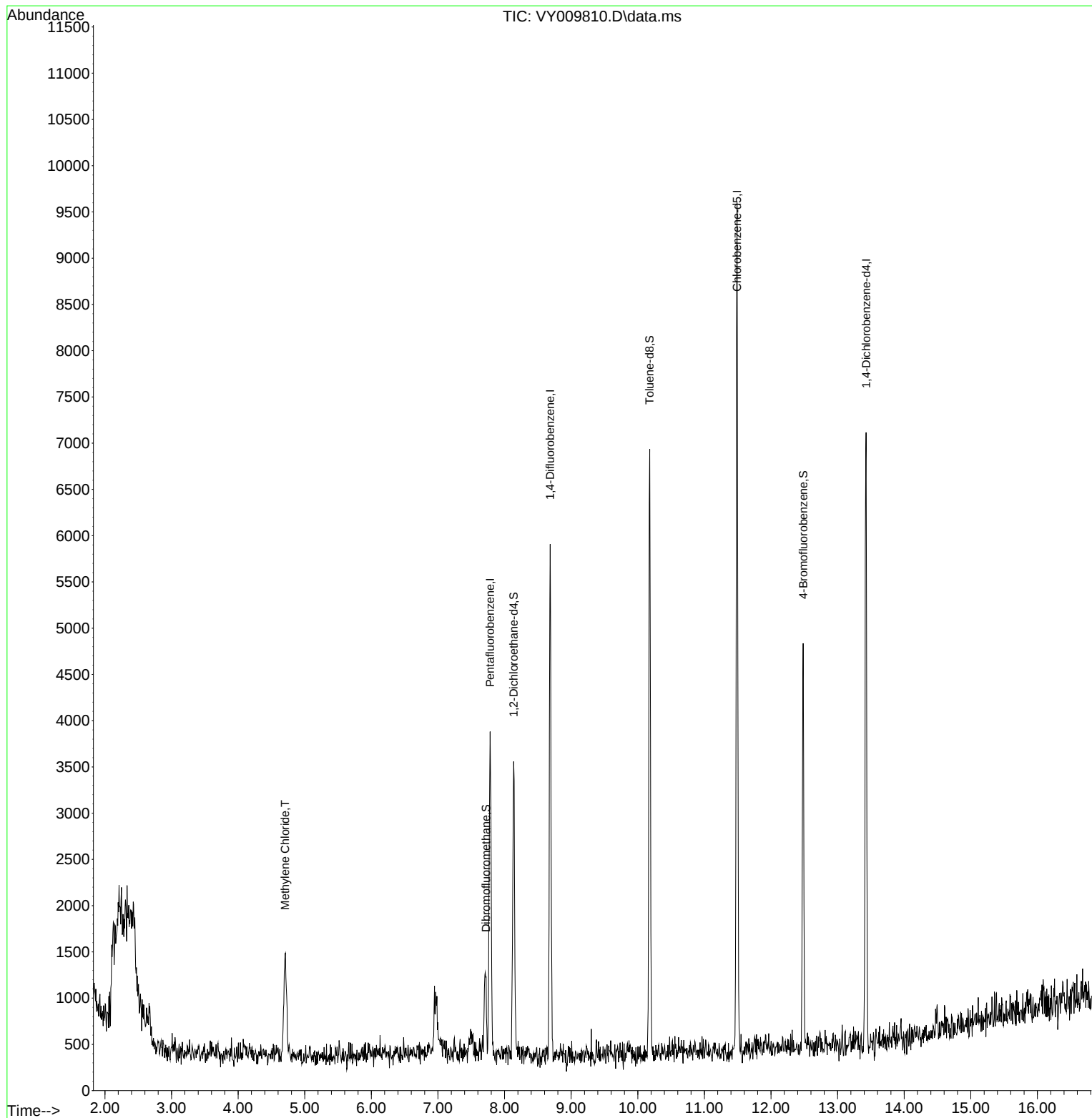
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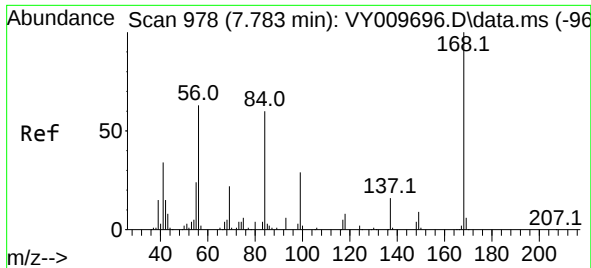
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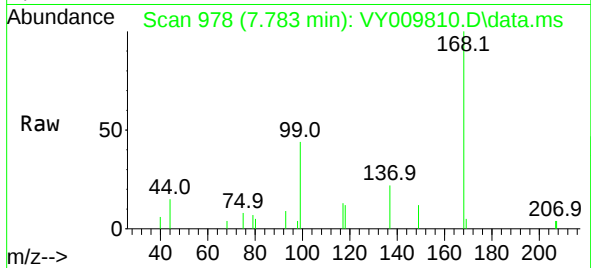
Reviewed By :Krupa Patel 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

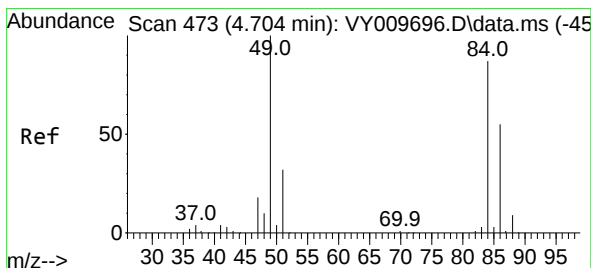
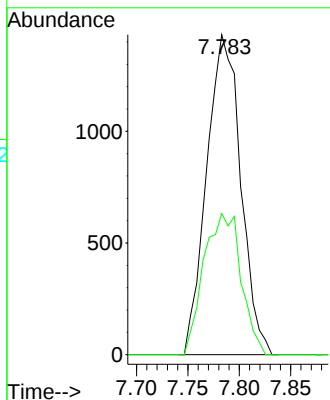
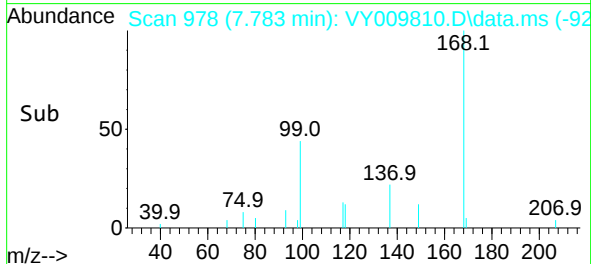
Instrument :
MSVOA_Y
ClientSampleId :
RVE-168



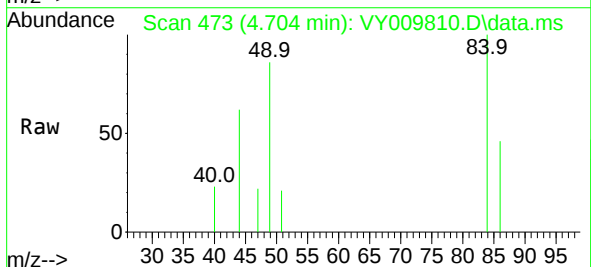
Tgt Ion:168 Resp: 330
Ion Ratio Lower Upper
168 100
99 44.1 46.9 70.3

Manual Integrations
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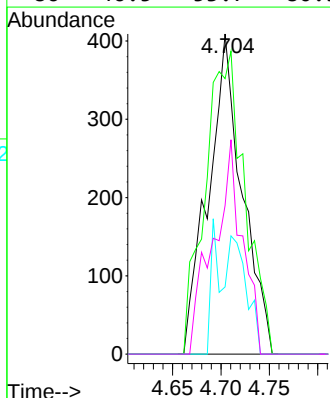
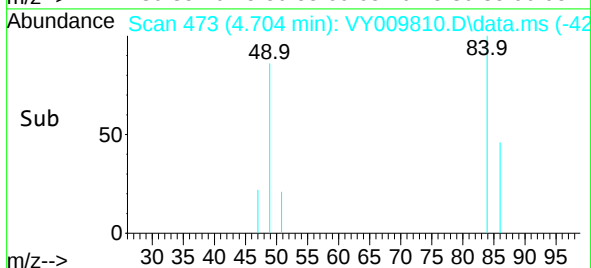
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Supervised By :Mahesh Dadoda 08/02/2022

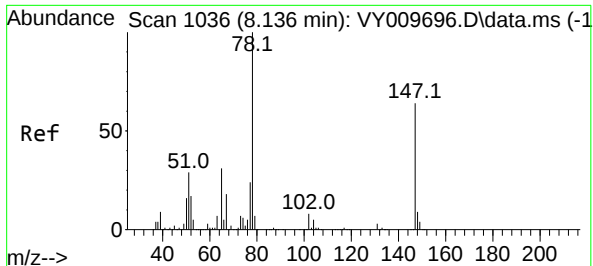


#20
Methylene Chloride
Concen: 20.615 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32



Tgt Ion: 84 Resp: 997
Ion Ratio Lower Upper
84 100
49 86.1 114.4 171.6#
51 21.0 35.3 52.9#
86 46.5 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 109.416 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009810.D

Acq: 01 Aug 2022 20:32

Instrument :

MSVOA_Y

ClientSampleId :

RVE-168

Tgt Ion: 65 Resp: 2270

Ion Ratio Lower Upper

65 100

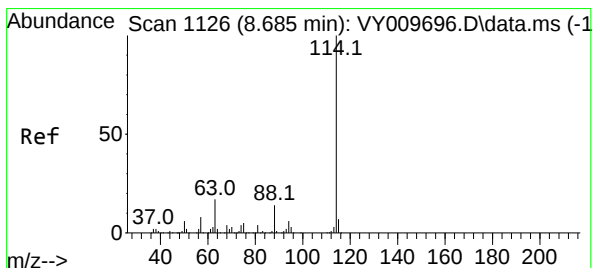
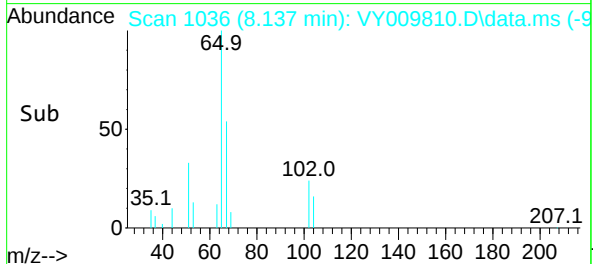
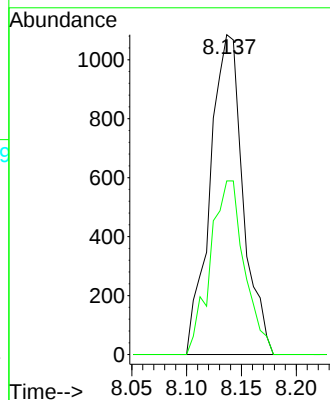
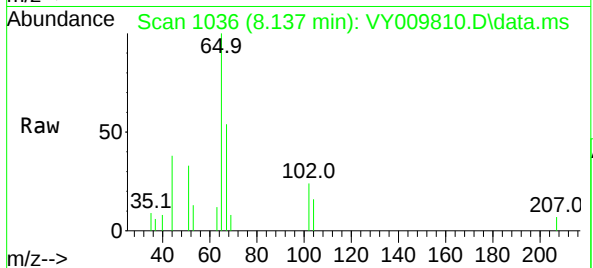
67 56.1 0.0 99.4

Manual Integrations

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Supervised By :Mahesh Dadoda 08/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009810.D

Acq: 01 Aug 2022 20:32

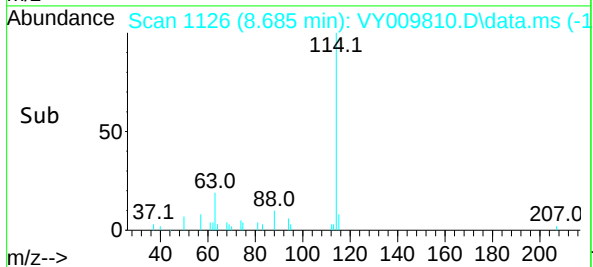
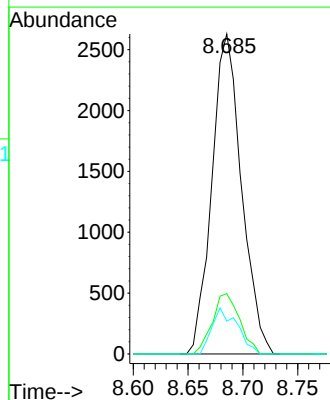
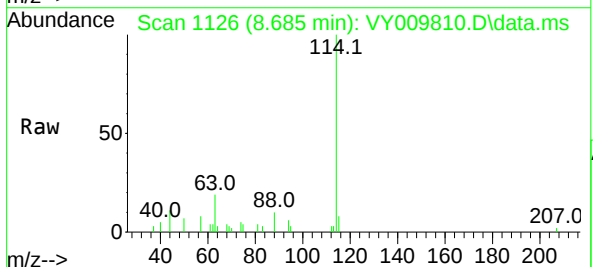
Tgt Ion:114 Resp: 4947

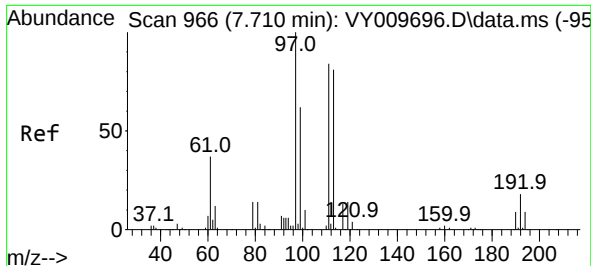
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

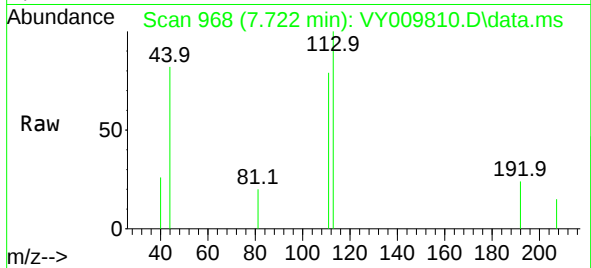
88 10.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 26.352 ug/l m
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

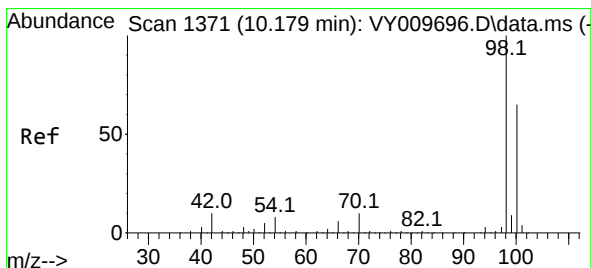
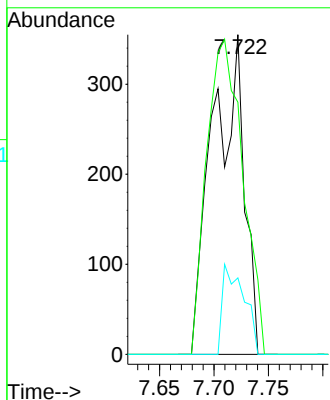
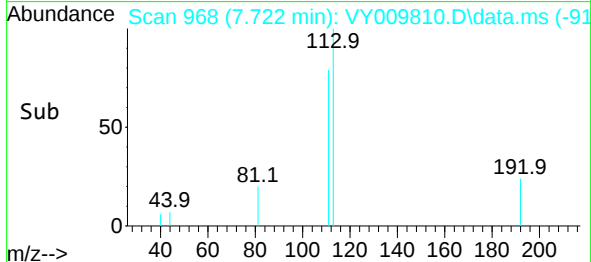
Instrument :
MSVOA_Y
ClientSampleId :
RVE-168



Tgt Ion:113 Resp: 709
Ion Ratio Lower Upper
113 100
111 113.8 82.6 124.0
192 19.5 17.6 26.4

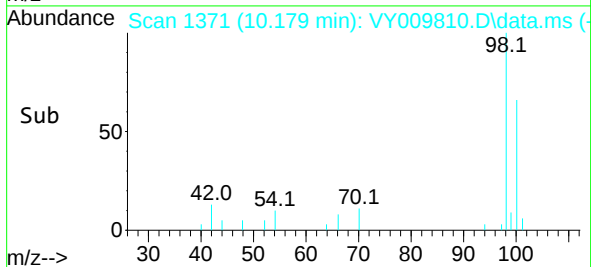
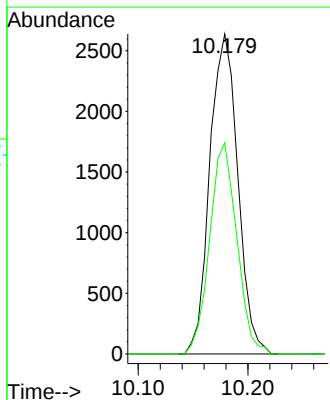
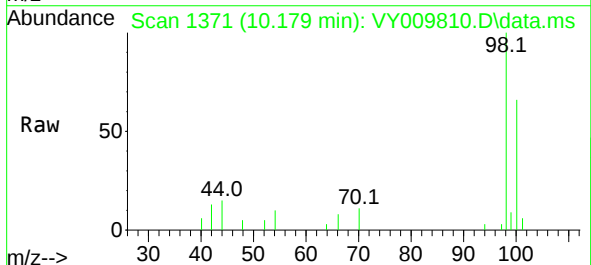
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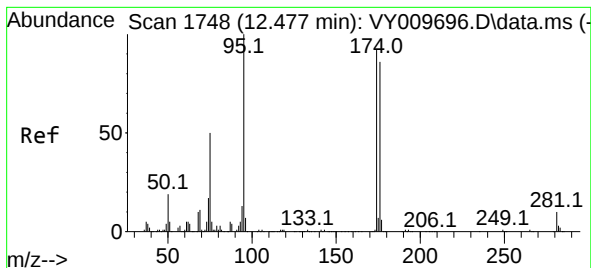
Reviewed By :Krupa Patel 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#50
Toluene-d8
Concen: 60.697 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

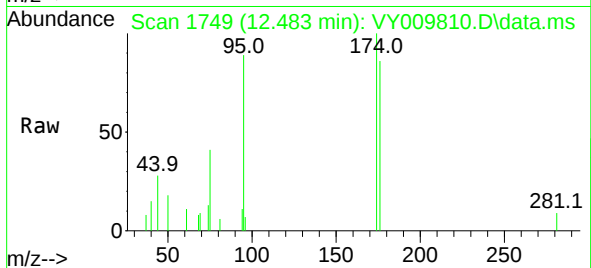
Tgt Ion: 98 Resp: 4685
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2





#62
4-Bromofluorobenzene
Concen: 40.615 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

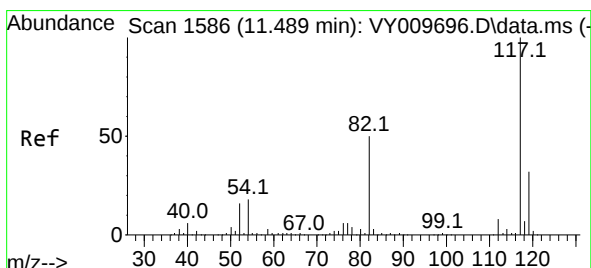
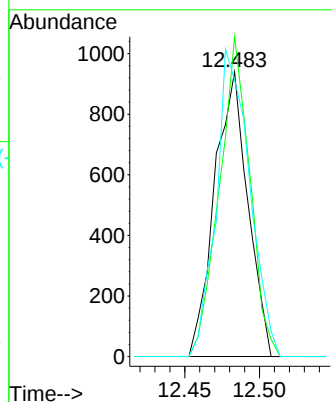
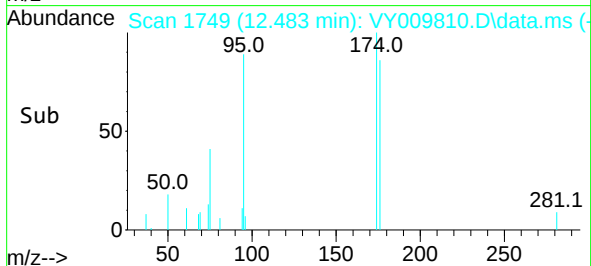
Instrument :
MSVOA_Y
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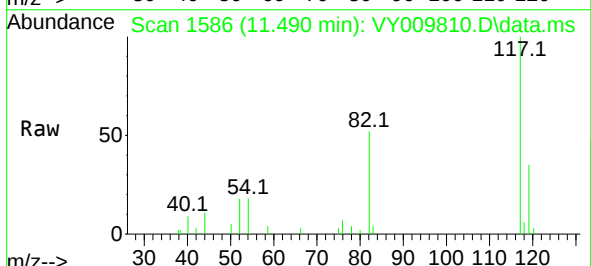
Tgt Ion: 95 Resp: 1449
Ion Ratio Lower Upper
95 100
174 103.1 0.0 177.0
176 108.9 0.0 175.8

Manual Integrations
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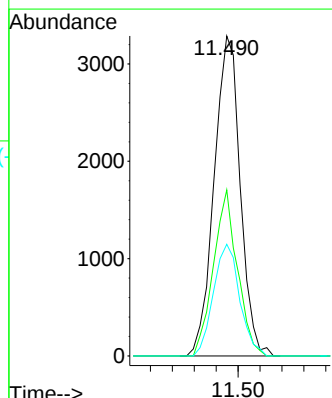
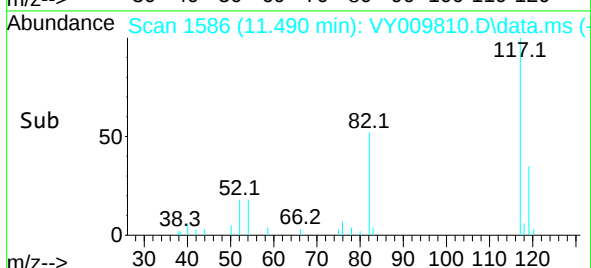
Reviewed By :Krupa Patel 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

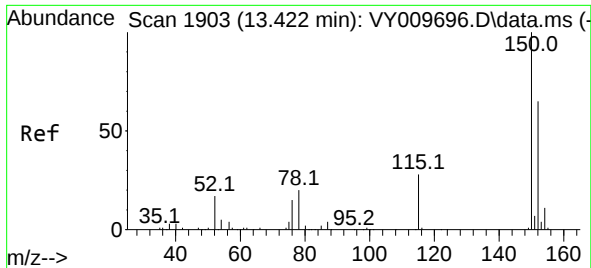


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32



Tgt Ion:117 Resp: 5430
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 34.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY009810.D

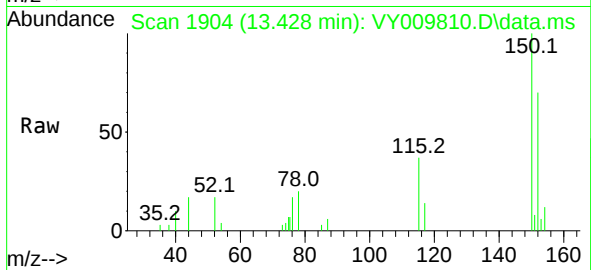
Acq: 01 Aug 2022 20:32

Instrument :

MSVOA_Y

ClientSampleId :

RVE-168



Tgt Ion:152 Resp: 213

Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 157.4 0.0 347.6

Manual Integrations

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