

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010643.D
 Acq On : 23 Sep 2022 13:02
 Operator : KP/MD
 Sample : N4733-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-05-092122

Quant Time: Sep 24 01:20:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/26/2022
 Supervised By :Mahesh Dadoda 09/26/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	220499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	421246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	432008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	204203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107434	50.940	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.880%
35) Dibromofluoromethane	7.715	113	97787	36.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.740%
50) Toluene-d8	10.178	98	380092	38.989	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.980%
62) 4-Bromofluorobenzene	12.483	95	125786	33.205	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.400%
Target Compounds						
11) Tert butyl alcohol	4.923	59	3805m	9.418	ug/l	Qvalue

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

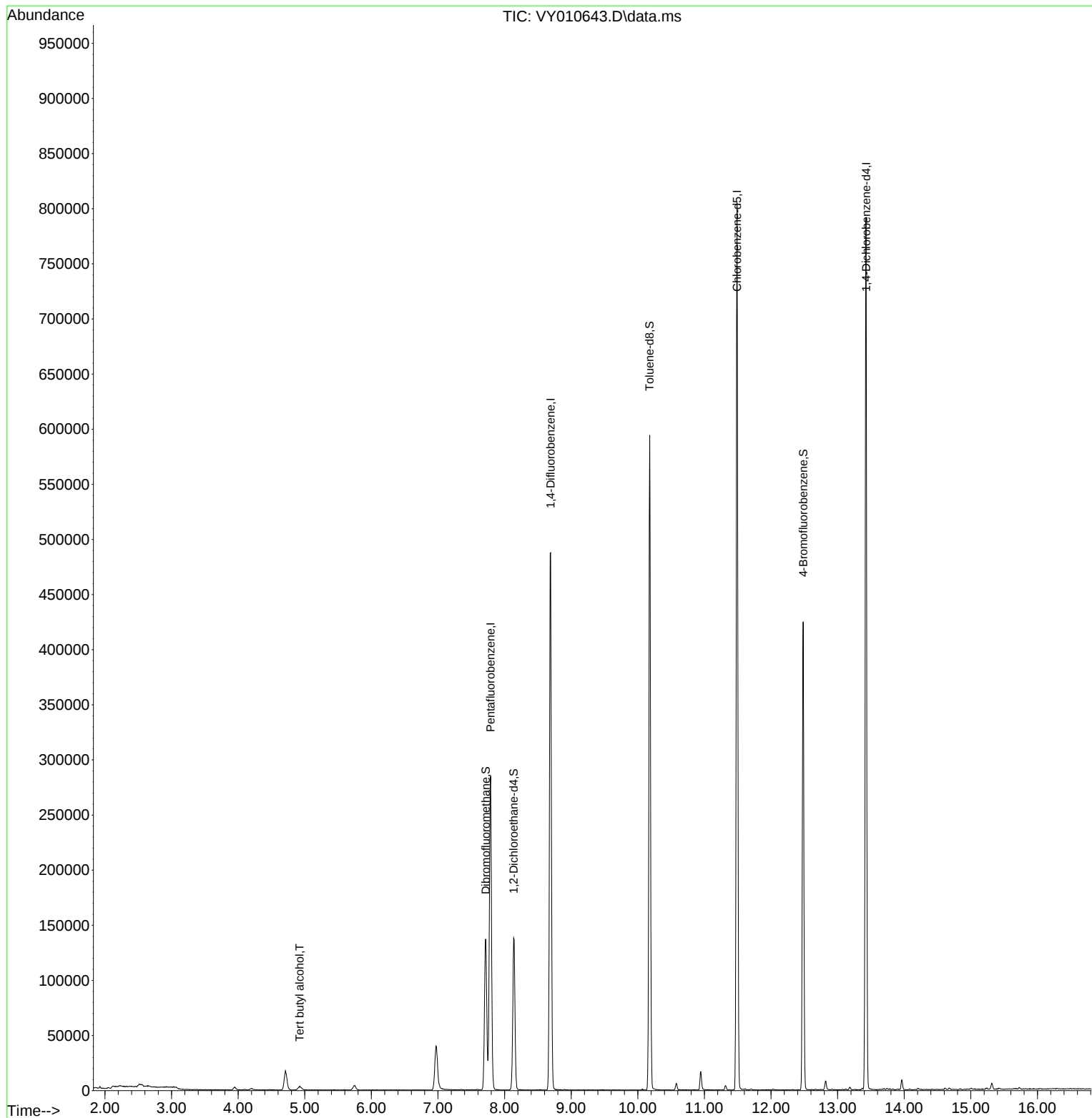
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
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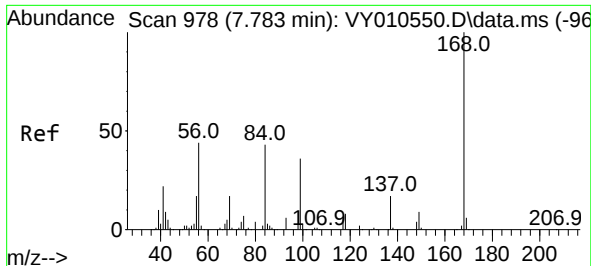
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-092122

Quant Time: Sep 24 01:20:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
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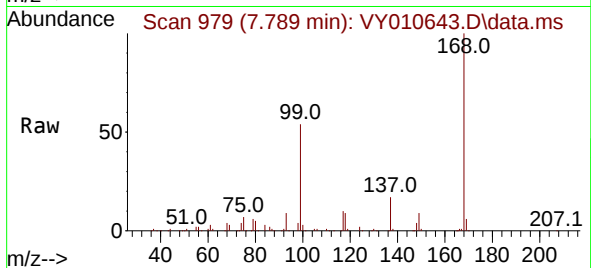
Reviewed By :Krupa Patel 09/26/2022
Supervised By :Mahesh Dadoda 09/26/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010643.D
Acq: 23 Sep 2022 13:02

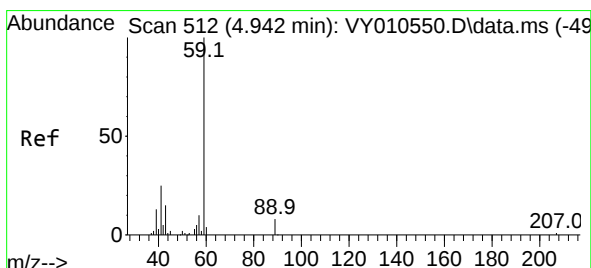
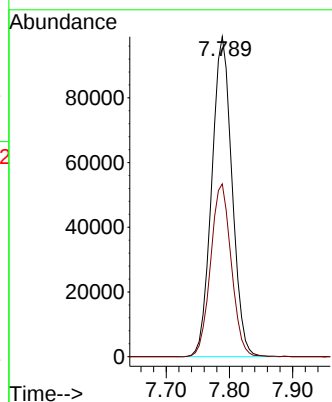
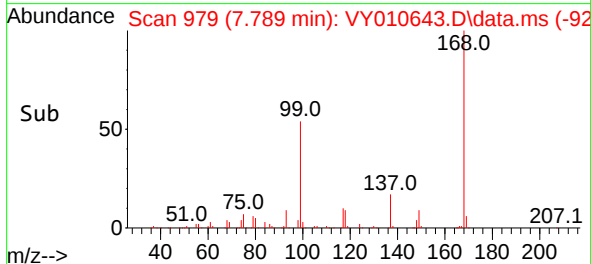
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-092122



Tgt Ion:168 Resp: 220499
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3

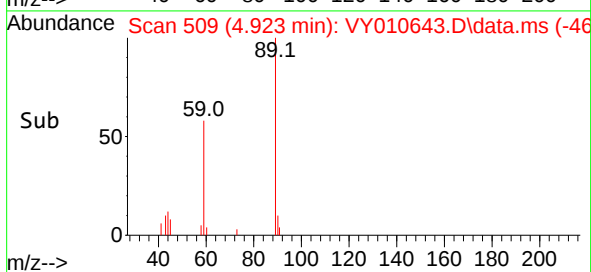
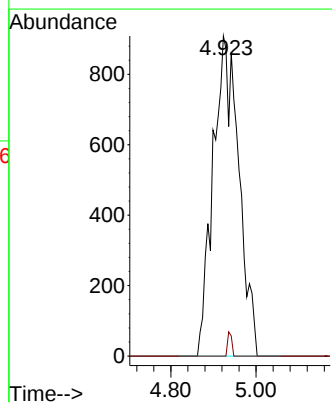
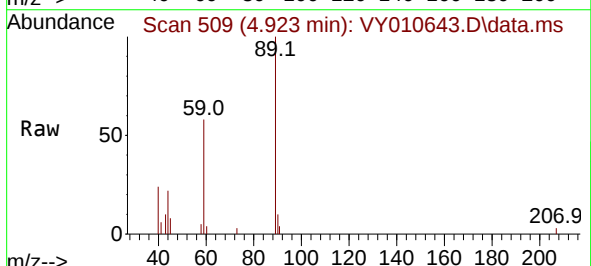
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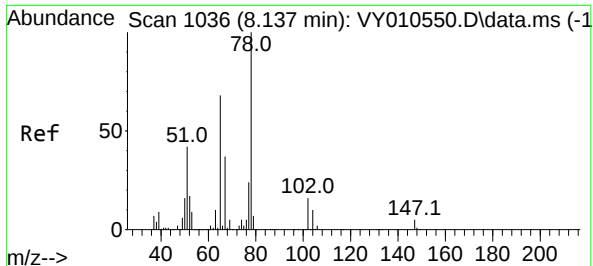
Reviewed By :Krupa Patel 09/26/2022
Supervised By :Mahesh Dadoda 09/26/2022



#11
Tert butyl alcohol
Concen: 9.418 ug/l m
RT: 4.923 min Scan# 509
Delta R.T. -0.019 min
Lab File: VY010643.D
Acq: 23 Sep 2022 13:02

Tgt Ion: 59 Resp: 3805
Ion Ratio Lower Upper
59 100
57 1.2 6.4 9.6#





#33

1,2-Dichloroethane-d4

Concen: 50.940 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010643.D

Acq: 23 Sep 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

AU-05-092122

Tgt Ion: 65 Resp: 107434

Ion Ratio Lower Upper

65 100

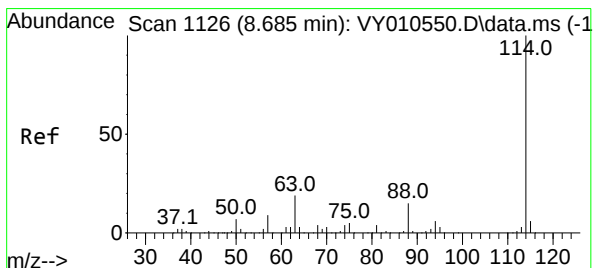
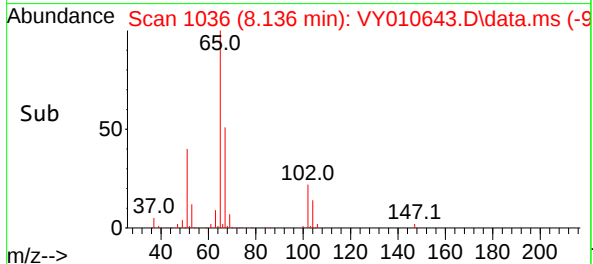
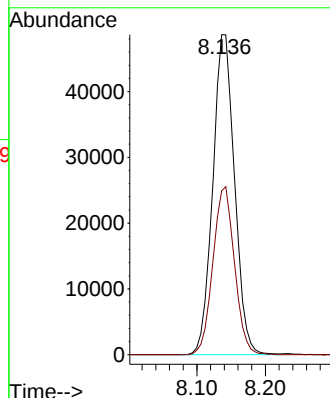
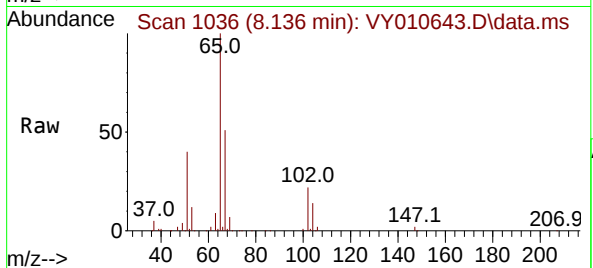
67 51.9 0.0 99.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010643.D

Acq: 23 Sep 2022 13:02

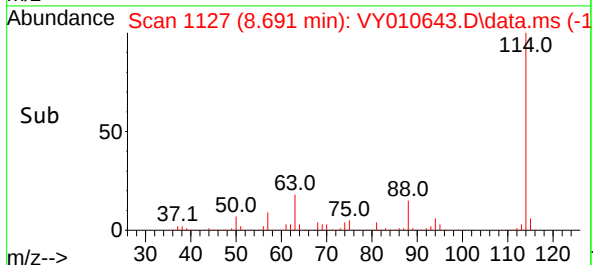
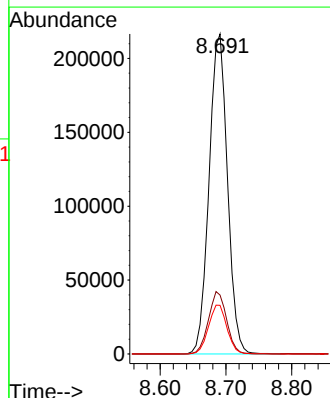
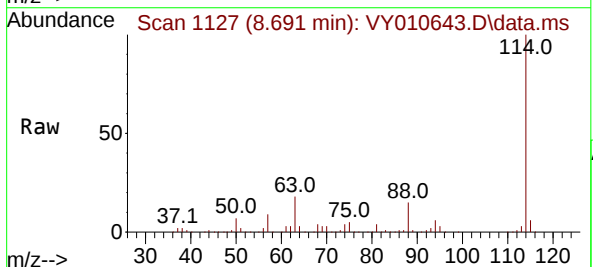
Tgt Ion:114 Resp: 421246

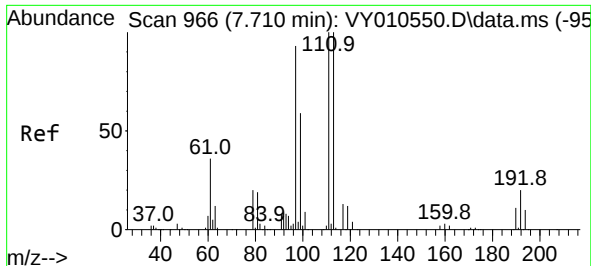
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

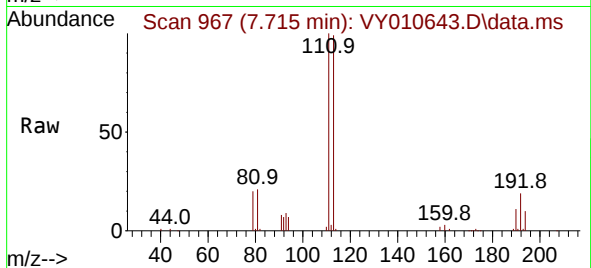
88 15.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 36.374 ug/l
RT: 7.715 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY010643.D
Acq: 23 Sep 2022 13:02

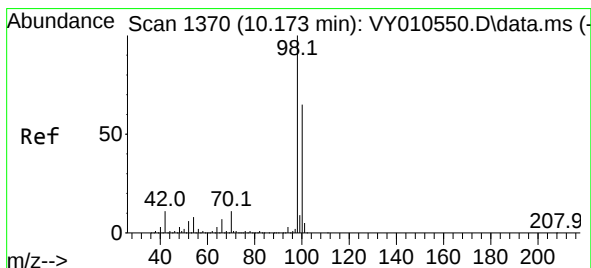
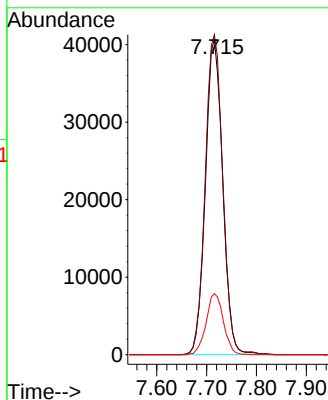
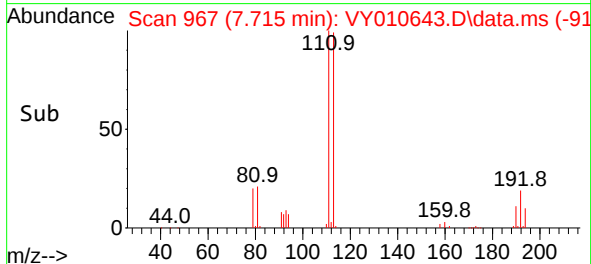
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-092122



Tgt Ion: 113 Resp: 9778
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.4 17.6 26.4

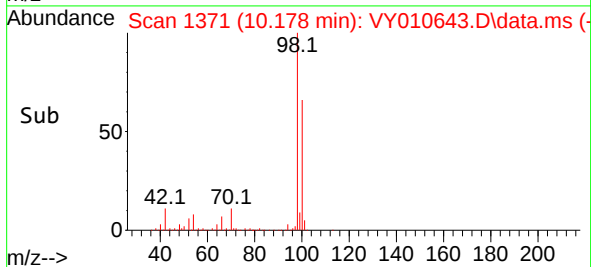
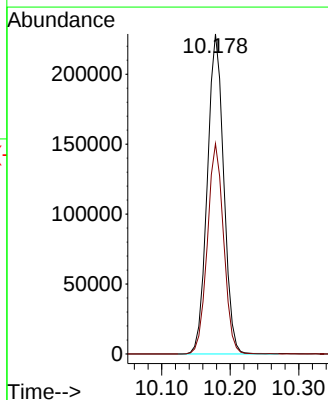
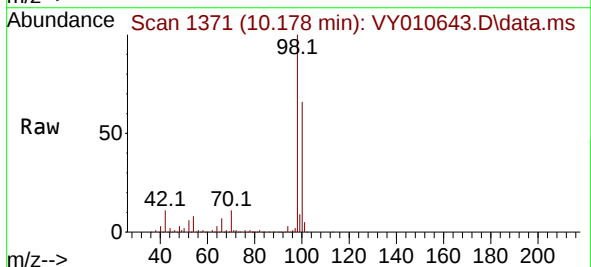
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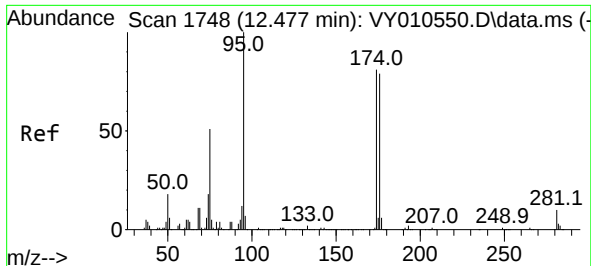
Reviewed By :Krupa Patel 09/26/2022
Supervised By :Mahesh Dadoda 09/26/2022



#50
Toluene-d8
Concen: 38.989 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.005 min
Lab File: VY010643.D
Acq: 23 Sep 2022 13:02

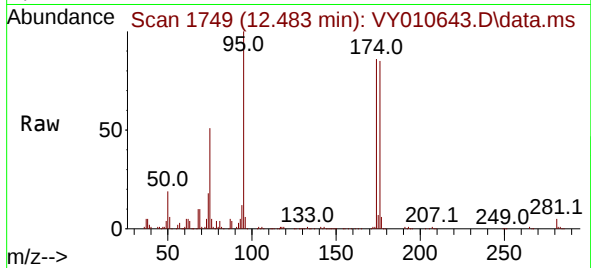
Tgt Ion: 98 Resp: 380092
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2





#62
4-Bromofluorobenzene
Concen: 33.205 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010643.D
Acq: 23 Sep 2022 13:02

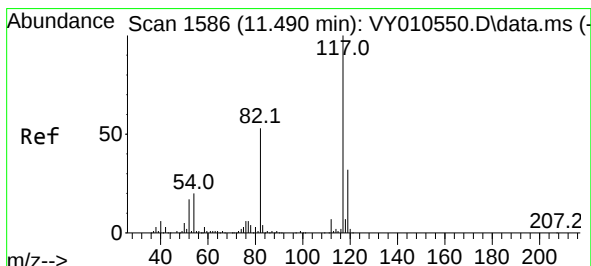
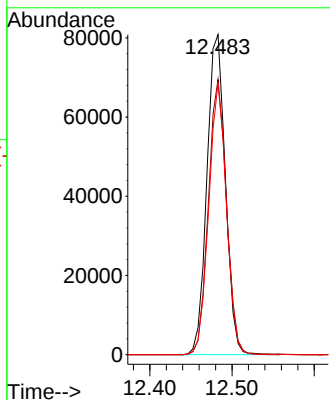
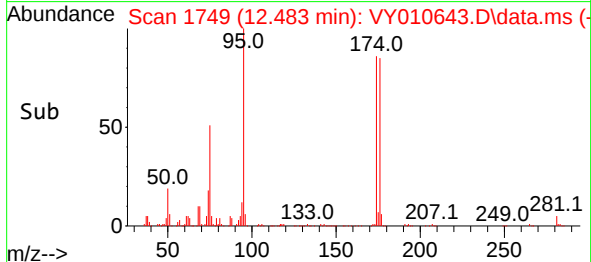
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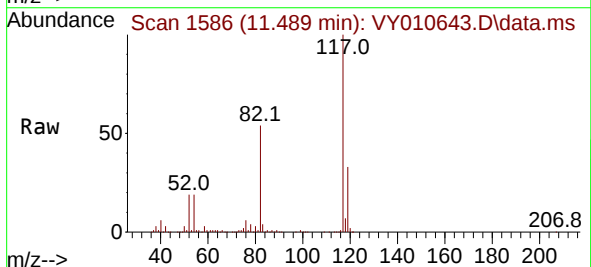
Tgt Ion: 95 Resp: 125780
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 81.4 0.0 175.8

Manual Integrations
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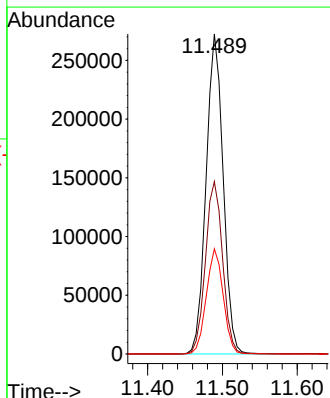
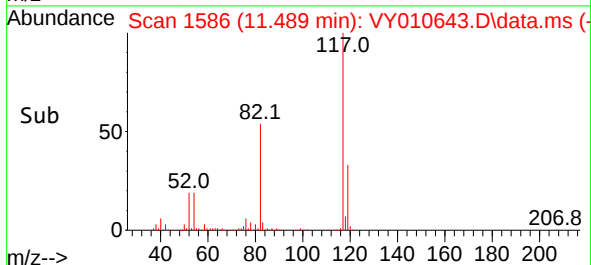
Reviewed By :Krupa Patel 09/26/2022
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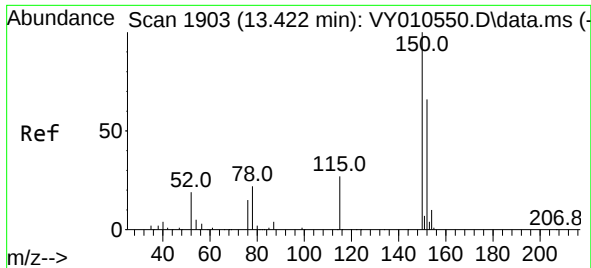


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010643.D
Acq: 23 Sep 2022 13:02



Tgt Ion:117 Resp: 432008
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 32.8 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: VY010643.D

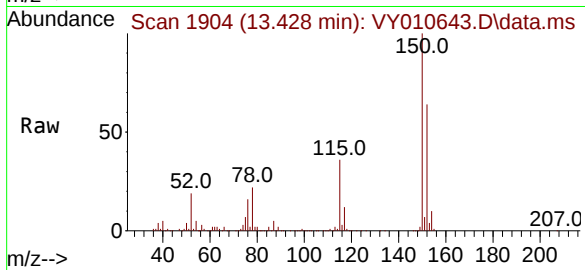
Acq: 23 Sep 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

AU-05-092122



Tgt Ion:152 Resp: 20420

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 157.4 0.0 347.6

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