

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039412.D
 Acq On : 30 Jun 2022 1:48
 Operator : SY/AP
 Sample : N3530-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 30 05:46:36 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jun 30 05:46:36 2022
 QLast Update : Thu Jun 30 05:40:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.652	49	1162083	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	3320784	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.066	117	2865646	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	2094679	9.853	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%
Target Compounds						
					Qvalue	
9) Propene	3.021	41	13341m	0.200	ppbv	
13) Ethanol	3.603	45	19309m	4.999	ppbv	
15) Acetone	3.851	43	60558	0.440	ppbv	99
20) Methylene Chloride	4.333	84	15698m	0.286	ppbv	

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

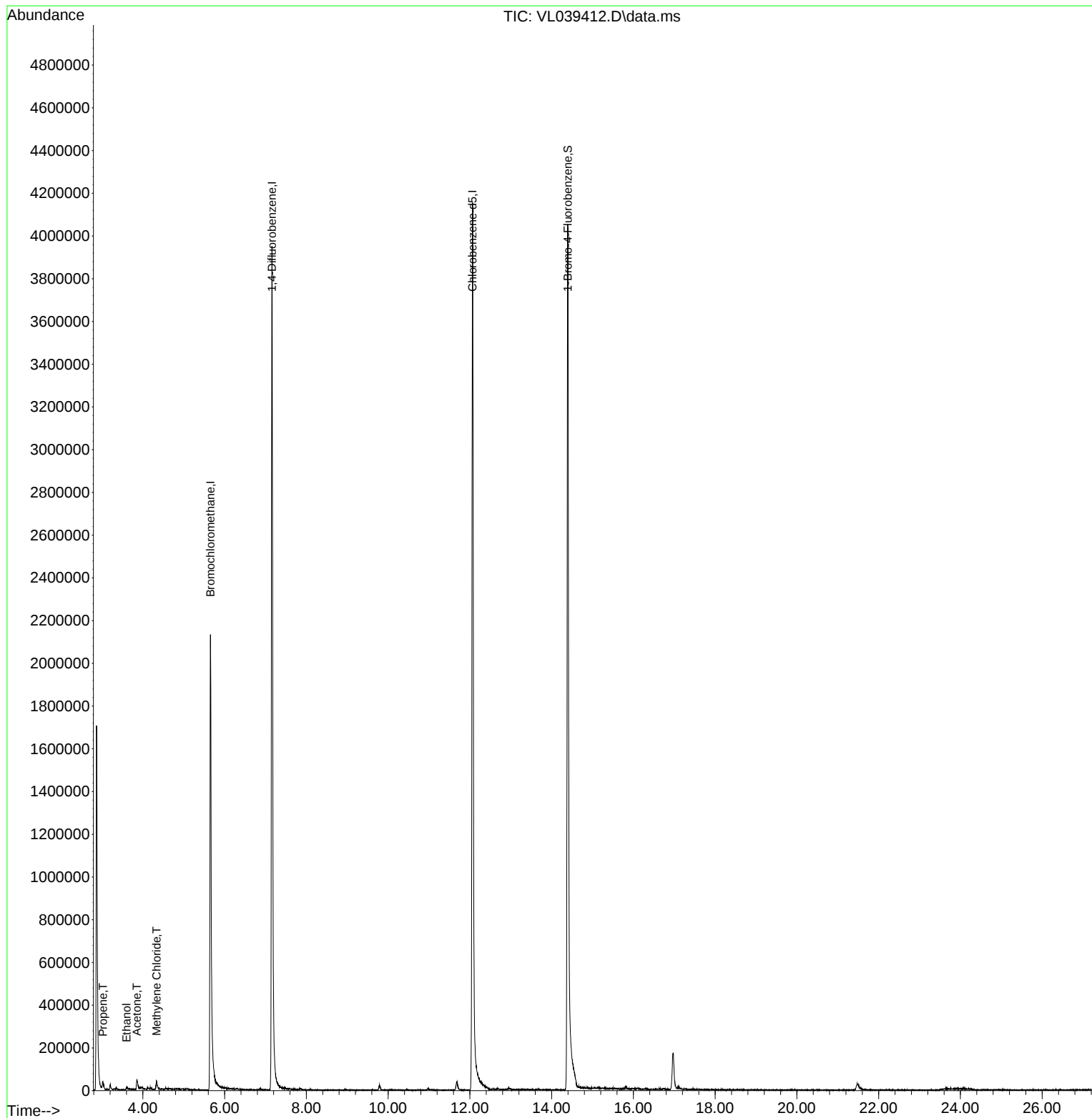
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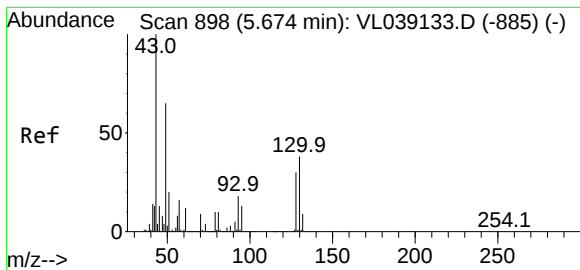
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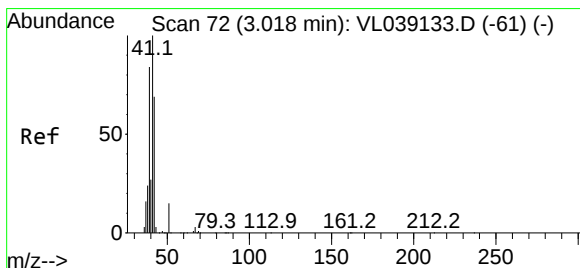
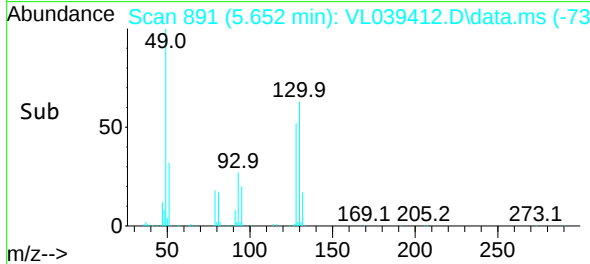
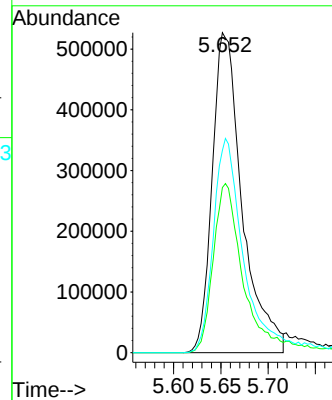
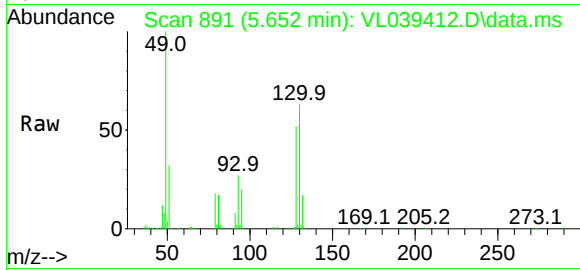
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 89
Delta R.T. -0.000 min
Lab File: VL039412.D
Acq: 30 Jun 2022 1:48

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 49 Resp: 116208
Ion Ratio Lower Upper
49 100
128 55.6 26.7 80.0
130 72.2 34.3 102.8

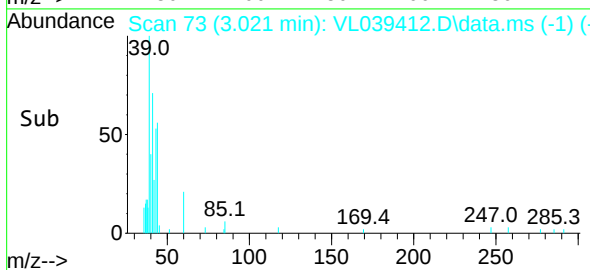
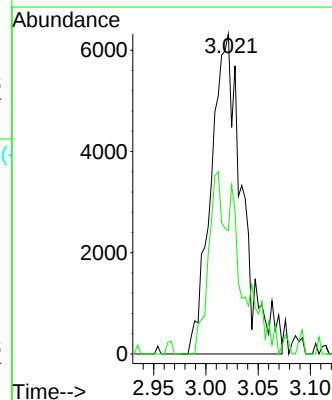
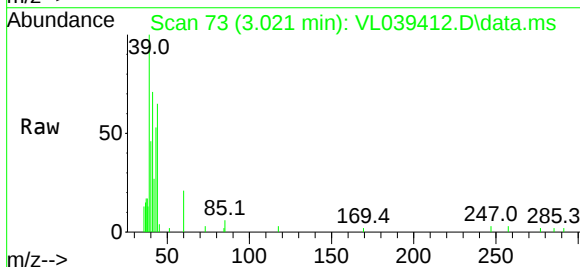
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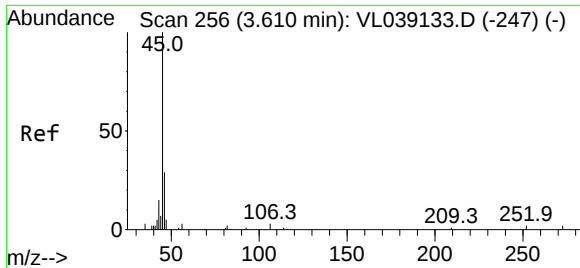
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#9
Propene
Concen: 0.200 ppbv m
RT: 3.021 min Scan# 73
Delta R.T. 0.019 min
Lab File: VL039412.D
Acq: 30 Jun 2022 1:48

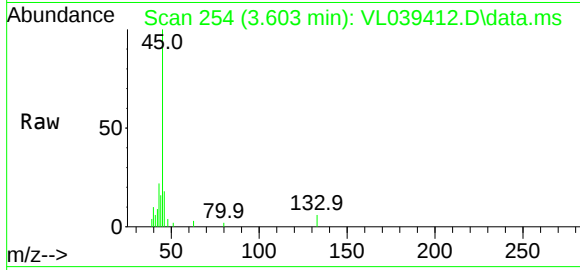
Tgt Ion: 41 Resp: 13341
Ion Ratio Lower Upper
41 100
42 56.5 55.2 82.8





#13
Ethanol
Concen: 4.999 ppbv m
RT: 3.603 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039412.D
Acq: 30 Jun 2022 1:48

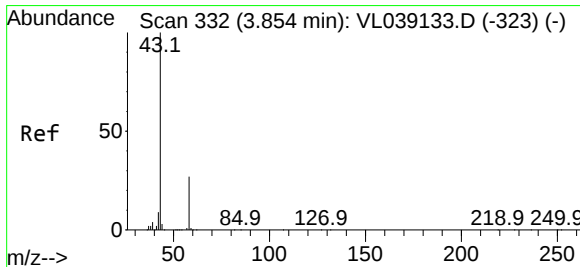
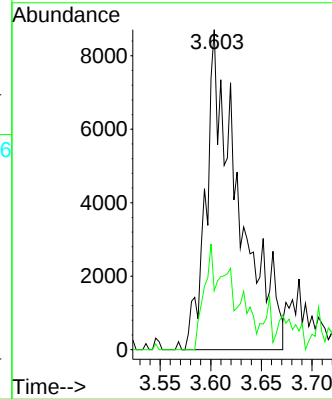
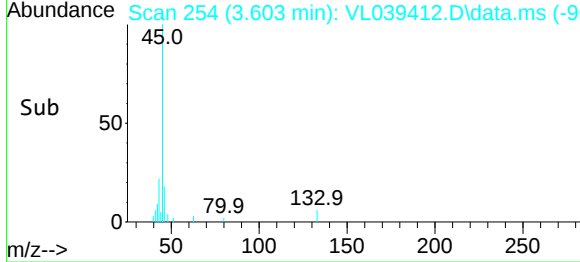
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 45 Resp: 19309
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

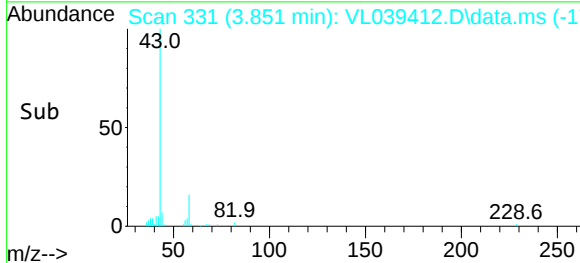
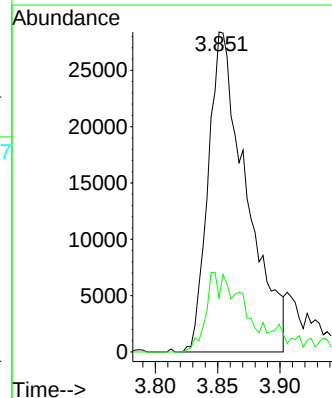
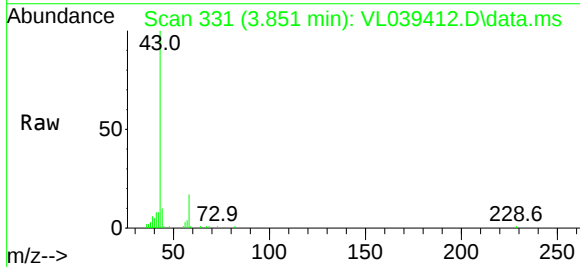
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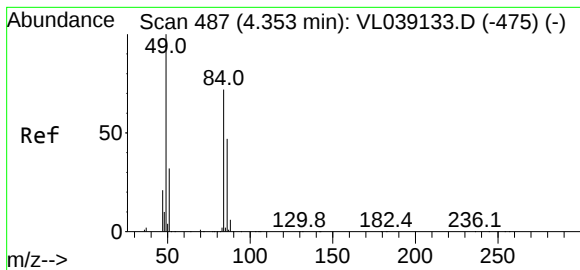
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#15
Acetone
Concen: 0.440 ppbv
RT: 3.851 min Scan# 331
Delta R.T. 0.016 min
Lab File: VL039412.D
Acq: 30 Jun 2022 1:48

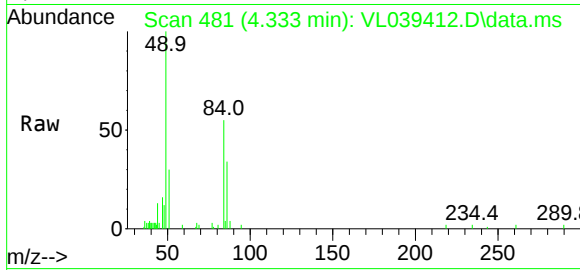
Tgt Ion: 43 Resp: 60558
Ion Ratio Lower Upper
43 100
58 26.6 21.0 31.6





#20
Methylene Chloride
Concen: 0.286 ppbv m
RT: 4.333 min Scan# 487
Delta R.T. 0.003 min
Lab File: VL039412.D
Acq: 30 Jun 2022 1:48

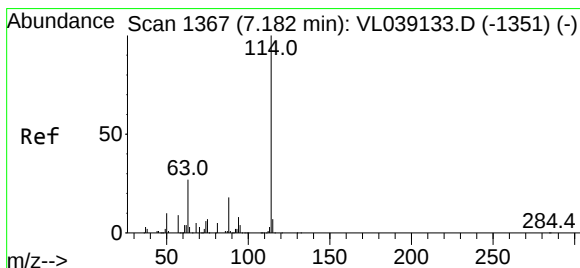
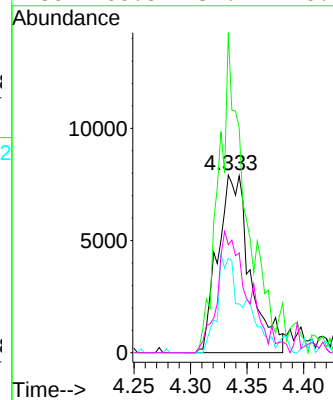
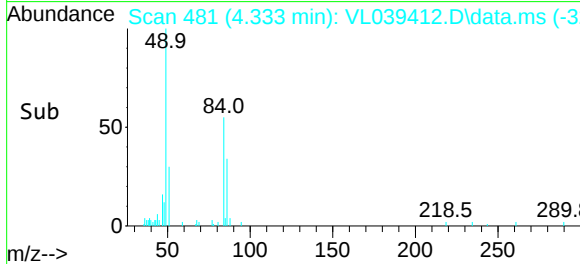
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 84 Resp: 15698
Ion Ratio Lower Upper
84 100
49 180.2 123.1 184.7
51 53.2 34.4 51.6
86 60.8 51.1 76.7

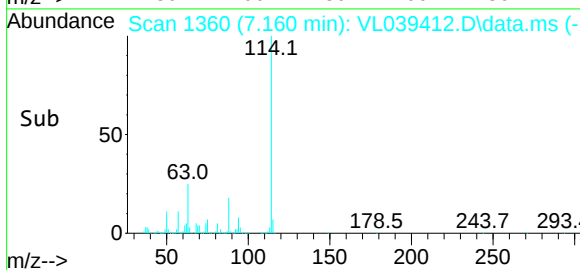
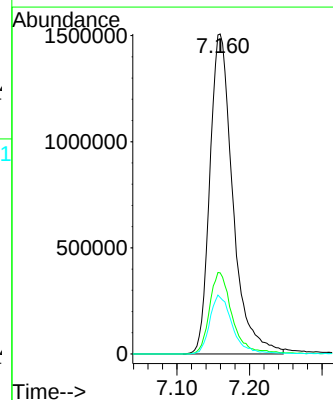
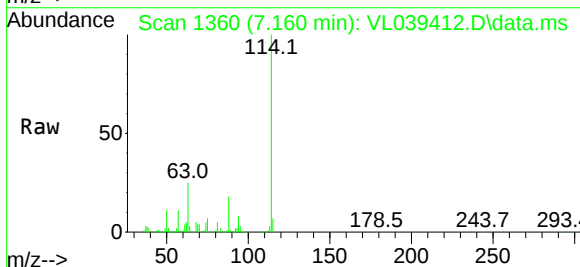
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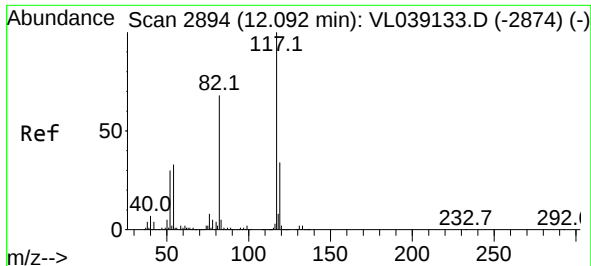
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Supervised By :Mahesh Dadoda 07/01/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VL039412.D
Acq: 30 Jun 2022 1:48

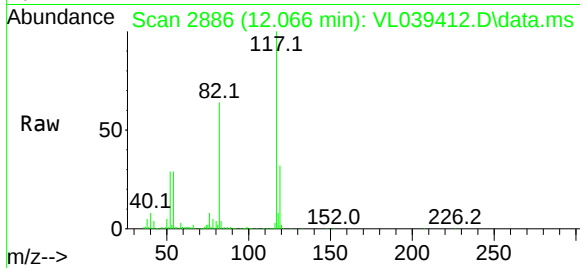
Tgt Ion:114 Resp: 3320784
Ion Ratio Lower Upper
114 100
63 25.6 20.2 30.4
88 18.3 14.5 21.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL039412.D
Acq: 30 Jun 2022 1:48

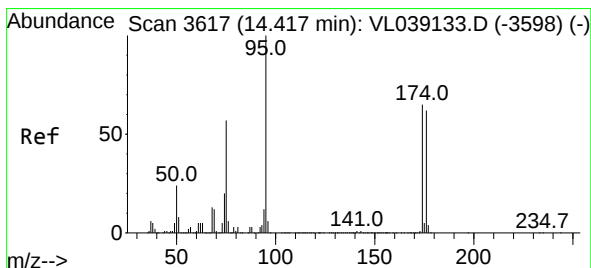
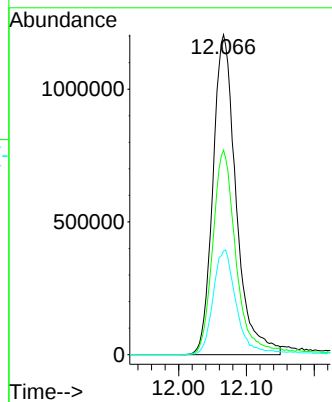
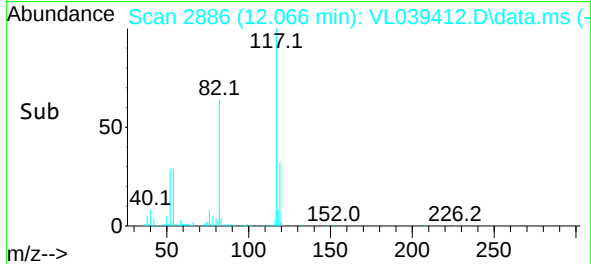
Instrument :
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Tgt Ion: 117 Resp: 286564
Ion Ratio Lower Upper
117 100
82 66.9 50.8 76.2
119 33.9 24.1 36.1

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Supervised By :Mahesh Dadoda 07/01/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.853 ppbv
RT: 14.394 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VL039412.D
Acq: 30 Jun 2022 1:48

Tgt Ion: 95 Resp: 2094679
Ion Ratio Lower Upper
95 100
174 72.3 55.9 83.9
175 5.4 4.2 6.4

