

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039415.D
 Acq On : 30 Jun 2022 3:48
 Operator : SY/AP
 Sample : N3530-01DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 05:47:32 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LThu Jun 30 05:47:32 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	5.655	49	1366644	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	3737233	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.066	117	3282531	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	2351605	9.657	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%
Target Compounds						
					Qvalue	
9) Propene	3.018	41	15797m	0.202	ppbv	
15) Acetone	3.851	43	457713	2.831	ppbv	95
17) tert-Butyl alcohol	4.308	59	15399m	0.112	ppbv	
20) Methylene Chloride	4.340	84	13877m	0.215	ppbv	
26) Hexane	5.671	57	14759m	0.110	ppbv	

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

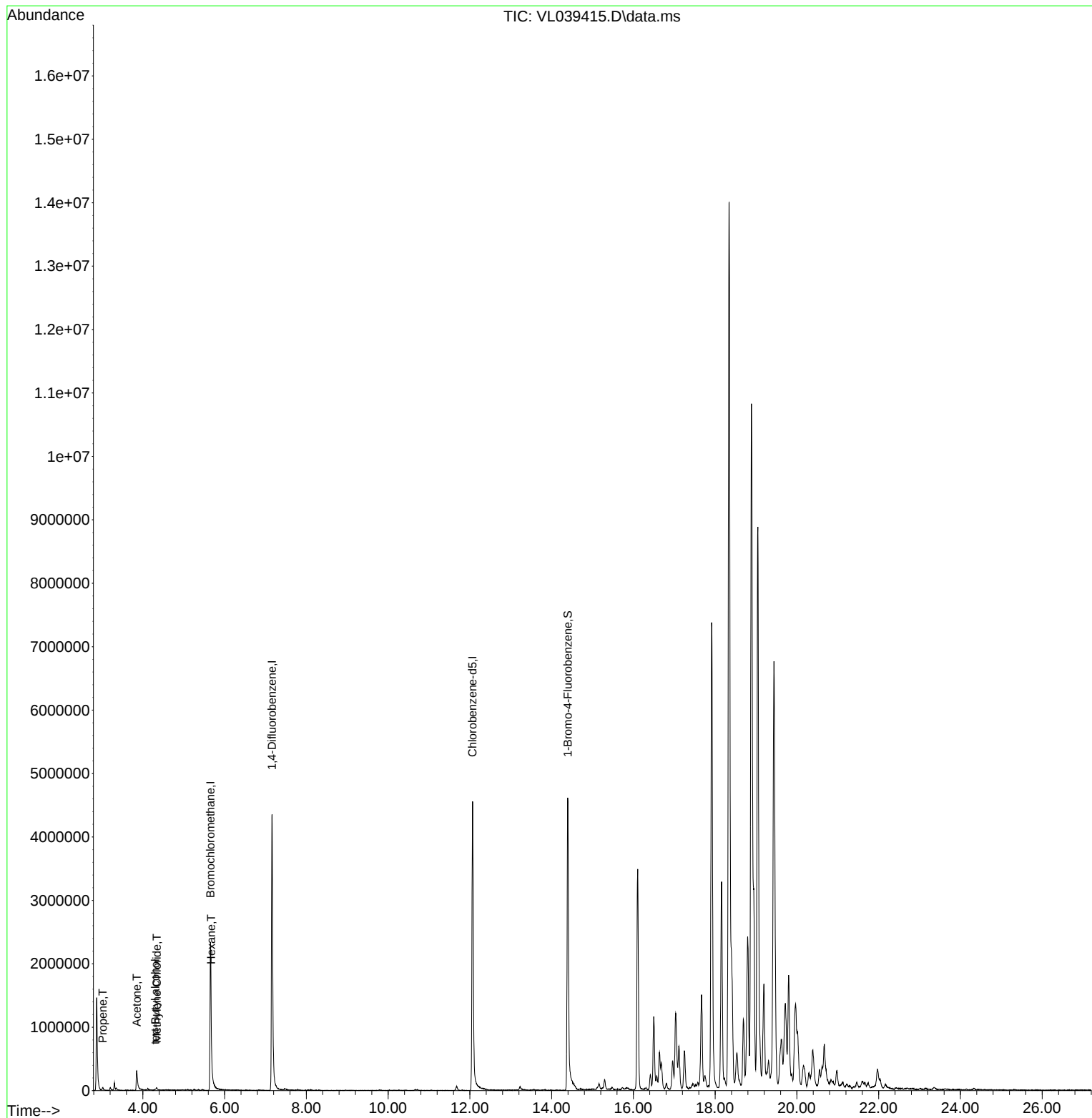
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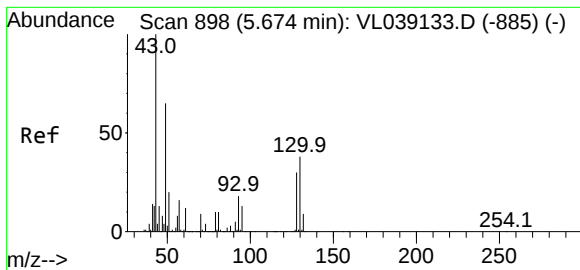
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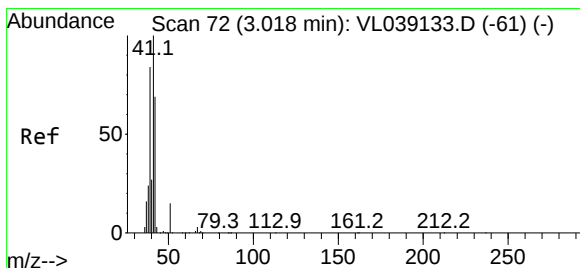
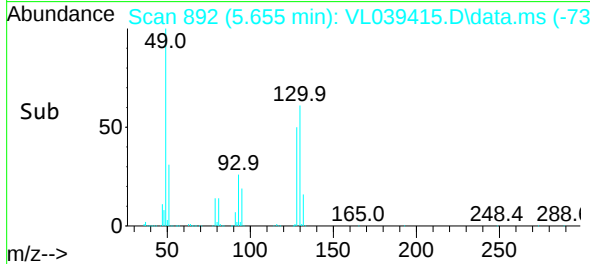
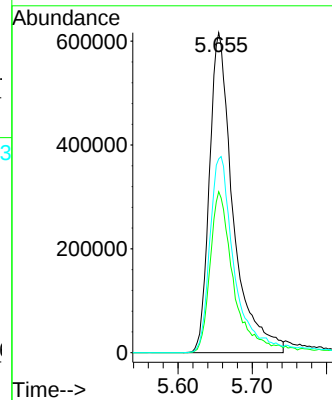
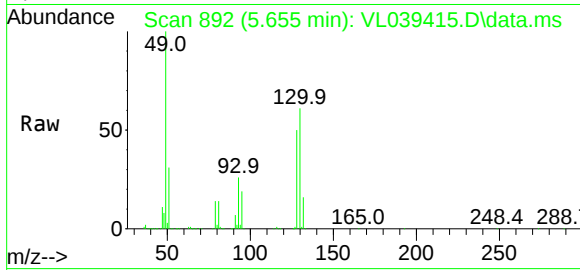
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 898
Delta R.T. 0.003 min
Lab File: VL039415.D
Acq: 30 Jun 2022 3:48

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 136664
Ion Ratio Lower Upper
49 100
128 52.6 26.7 80.0
130 65.5 34.3 102.8

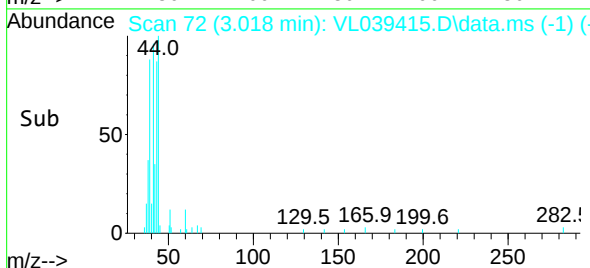
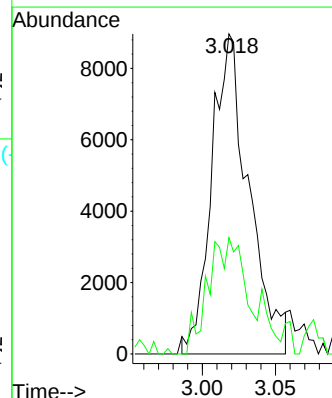
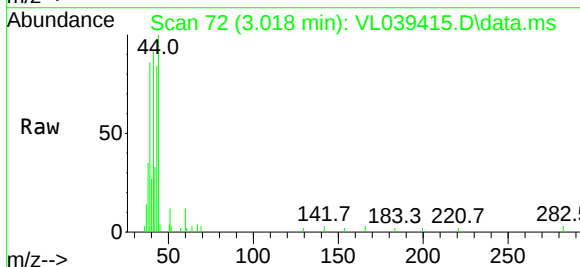
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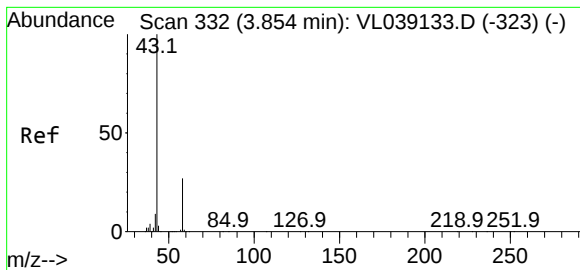
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#9
Propene
Concen: 0.202 ppbv m
RT: 3.018 min Scan# 72
Delta R.T. 0.016 min
Lab File: VL039415.D
Acq: 30 Jun 2022 3:48

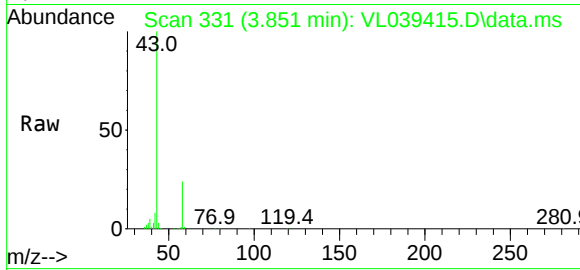
Tgt Ion: 41 Resp: 15797
Ion Ratio Lower Upper
41 100
42 48.4 55.2 82.8#





#15
Acetone
Concen: 2.831 ppbv
RT: 3.851 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL039415.D
Acq: 30 Jun 2022 3:48

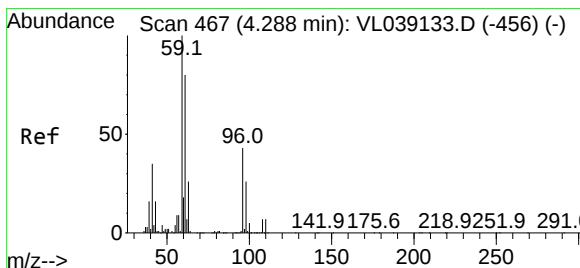
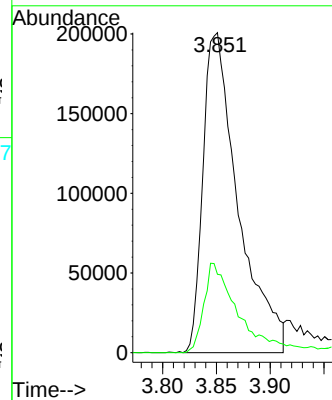
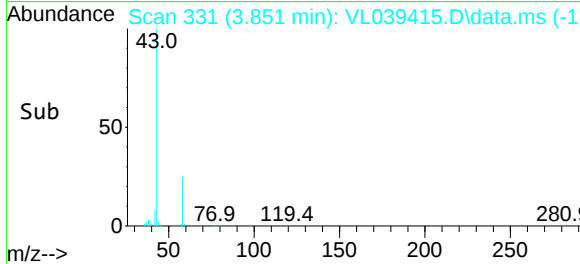
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



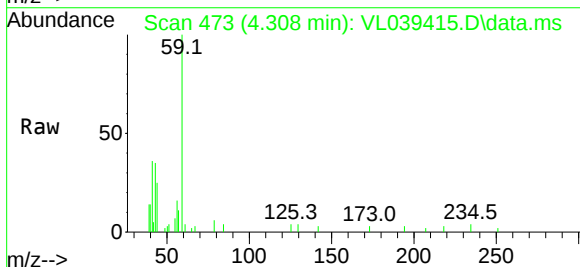
Tgt Ion: 43 Resp: 45771
Ion Ratio Lower Upper
43 100
58 28.6 21.0 31.6

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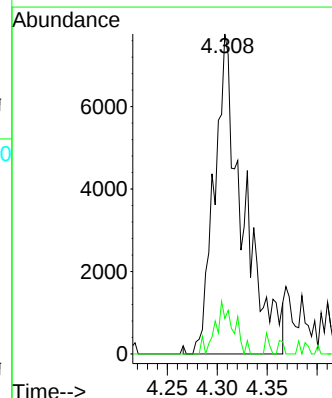
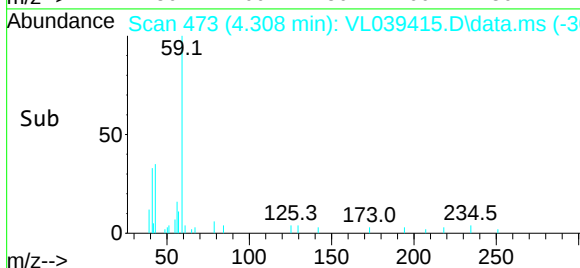
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Supervised By :Mahesh Dadoda 07/01/2022

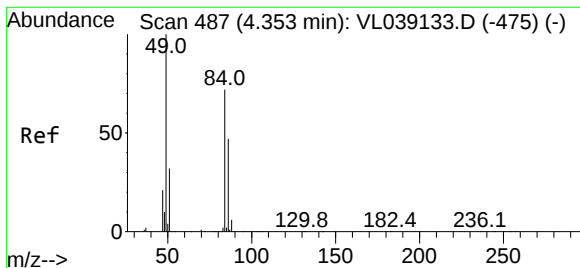


#17
tert-Butyl alcohol
Concen: 0.112 ppbv m
RT: 4.308 min Scan# 473
Delta R.T. 0.038 min
Lab File: VL039415.D
Acq: 30 Jun 2022 3:48



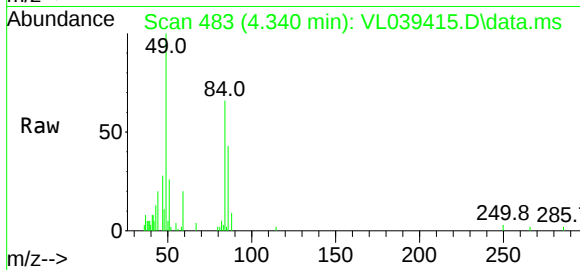
Tgt Ion: 59 Resp: 15399
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1





#20
Methylene Chloride
Concen: 0.215 ppbv m
RT: 4.340 min Scan# 41
Delta R.T. 0.009 min
Lab File: VL039415.D
Acq: 30 Jun 2022 3:48

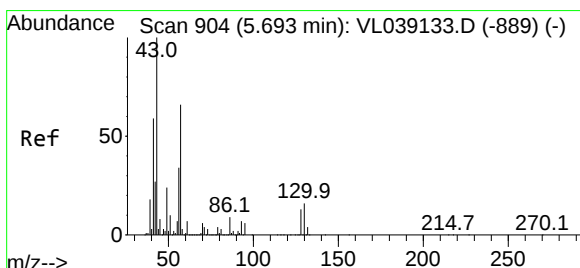
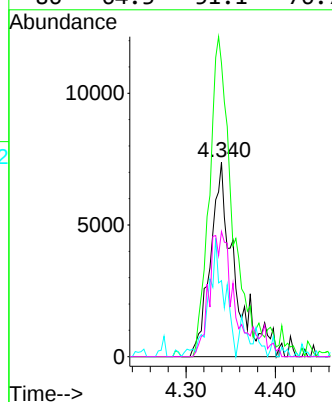
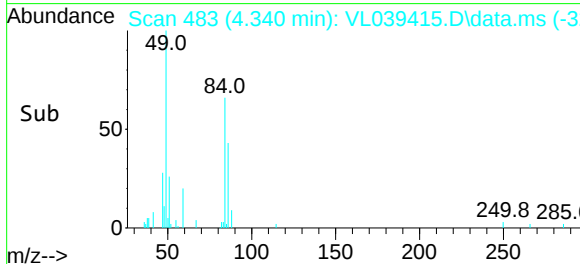
Instrument :
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ClientSampleId :
SV1DL



Tgt Ion: 84 Resp: 1387
Ion Ratio Lower Upper
84 100
49 150.9 123.1 184.7
51 39.1 34.4 51.6
86 64.3 51.1 76.7

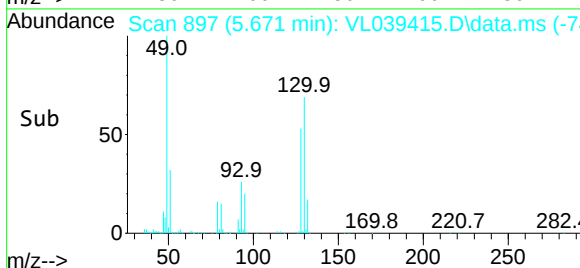
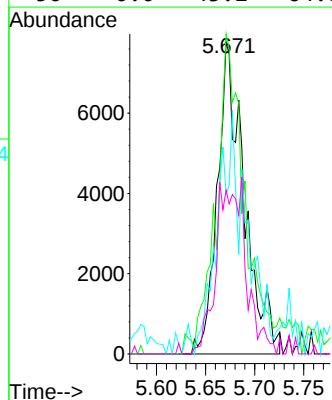
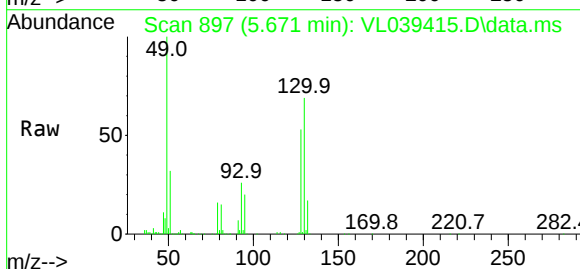
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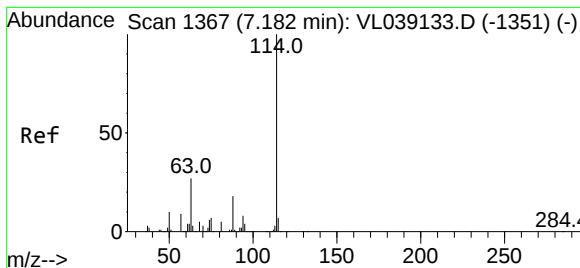
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#26
Hexane
Concen: 0.110 ppbv m
RT: 5.671 min Scan# 897
Delta R.T. -0.000 min
Lab File: VL039415.D
Acq: 30 Jun 2022 3:48

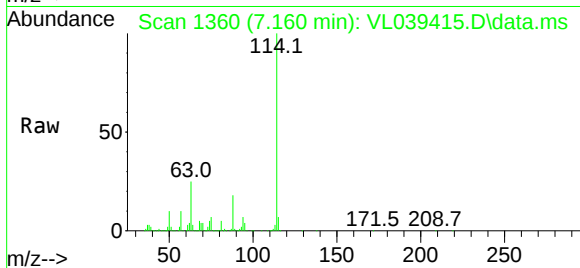
Tgt Ion: 57 Resp: 14759
Ion Ratio Lower Upper
57 100
41 0.0 76.9 115.3#
43 0.0 191.0 286.6#
56 0.0 43.2 64.8#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL039415.D
Acq: 30 Jun 2022 3:48

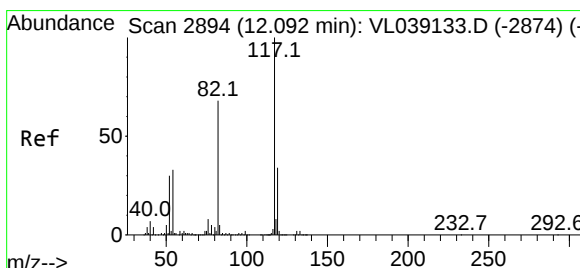
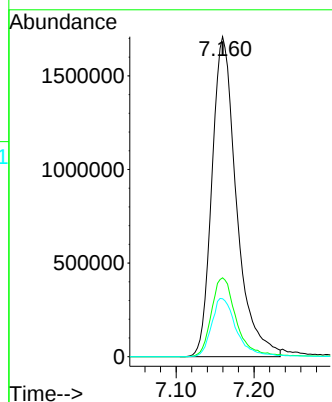
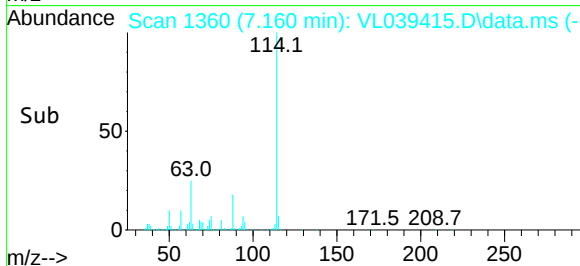
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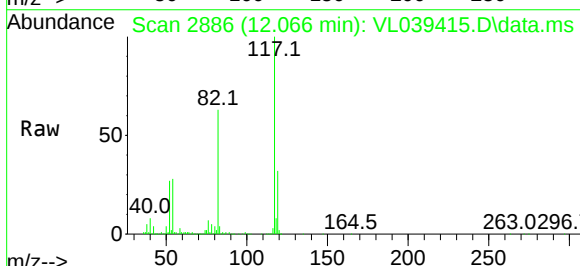
Tgt Ion:114 Resp: 3737233
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.4
88 18.7 14.5 21.7

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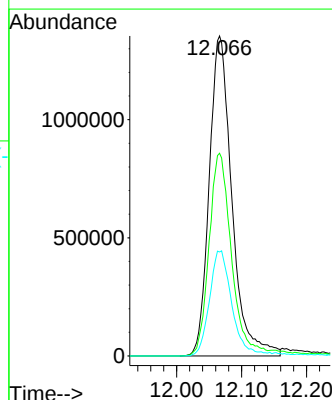
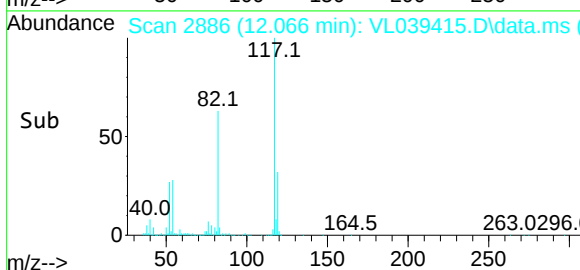
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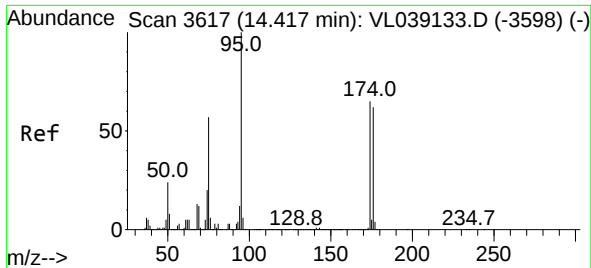


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.000 min
Lab File: VL039415.D
Acq: 30 Jun 2022 3:48



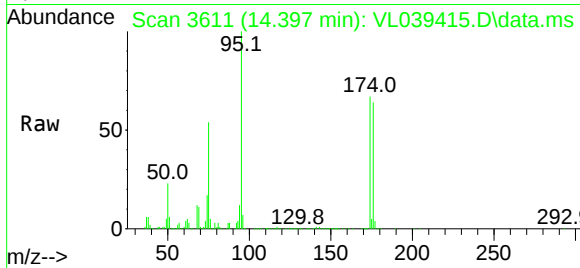
Tgt Ion:117 Resp: 3282531
Ion Ratio Lower Upper
117 100
82 66.1 50.8 76.2
119 33.1 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.657 ppbv
 RT: 14.397 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VL039415.D
 Acq: 30 Jun 2022 3:48

Instrument :
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Tgt Ion: 95 Resp: 2351609
 Ion Ratio Lower Upper
 95 100
 174 74.5 55.9 83.9
 175 5.5 4.2 6.4

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