

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039644.D
 Acq On : 21 Sep 2022 20:58
 Operator : SY/AP
 Sample : N4669-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF4DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 22 08:19:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	1148675	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2992624	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.484	117	2689462	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2038887	10.155	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						
					Qvalue	
9) Propene	2.735	41	24096	0.387	ppbv #	69
13) Ethanol	3.275	45	44608	9.404	ppbv	75
15) Acetone	3.497	43	876086	6.854	ppbv	94
17) tert-Butyl alcohol	3.909	59	319762	2.788	ppbv	96
20) Methylene Chloride	3.957	84	33004	0.558	ppbv #	90
34) 2-Butanone	4.816	43	200466	1.364	ppbv	94
53) Toluene	9.233	91	65486m	0.257	ppbv	

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

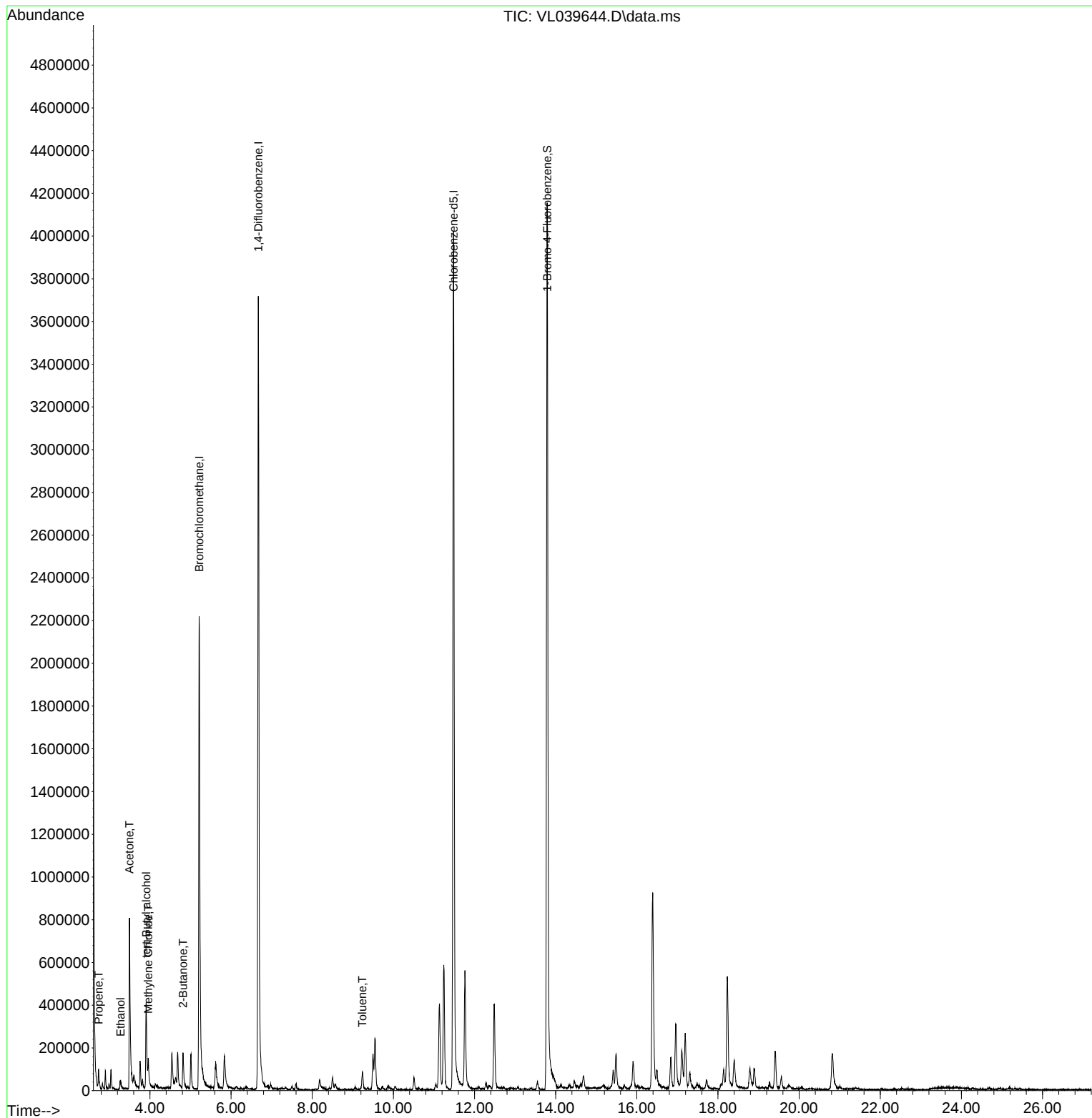
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
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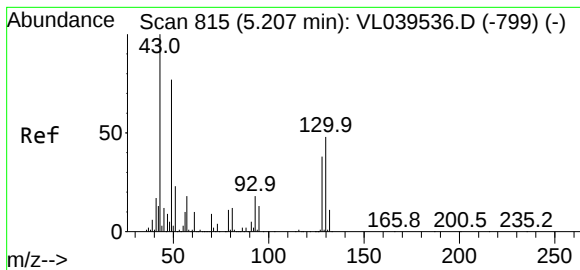
Instrument :
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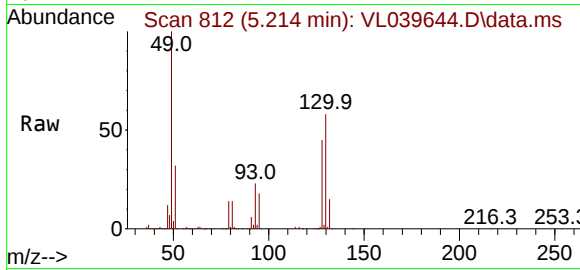
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL039644.D
Acq: 21 Sep 2022 20:58

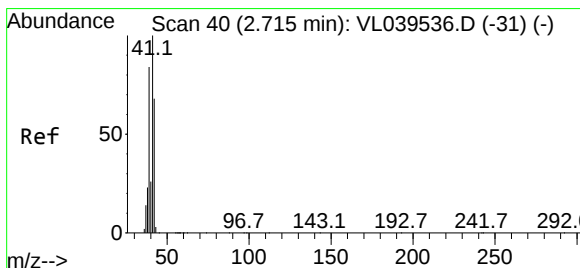
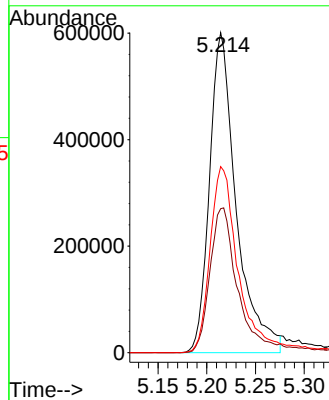
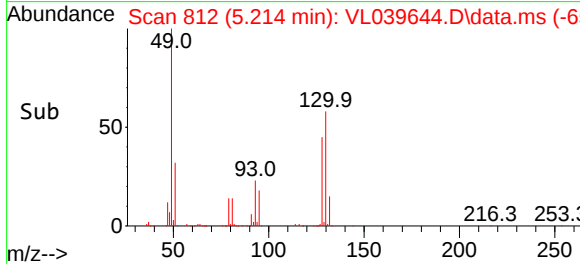
Instrument :
MSVOA_L
ClientSampleId :
C0PF4DL



Tgt Ion: 49 Resp: 114867
Ion Ratio Lower Upper
49 100
128 50.3 26.7 80.0
130 64.7 34.3 102.8

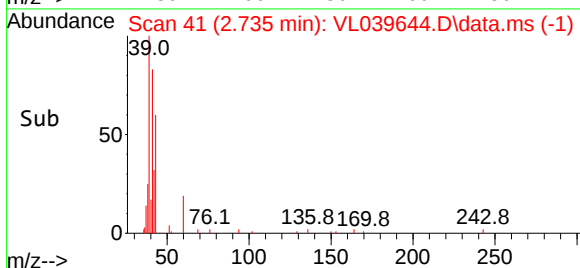
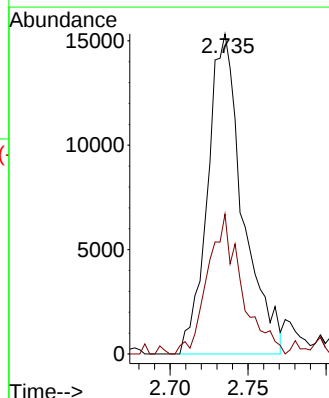
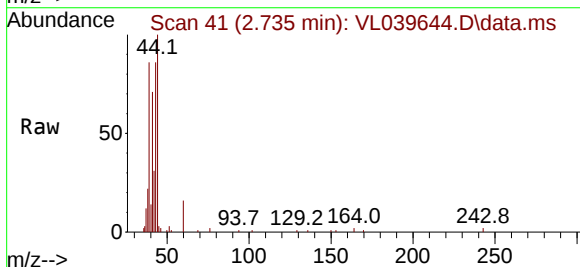
Manual Integrations
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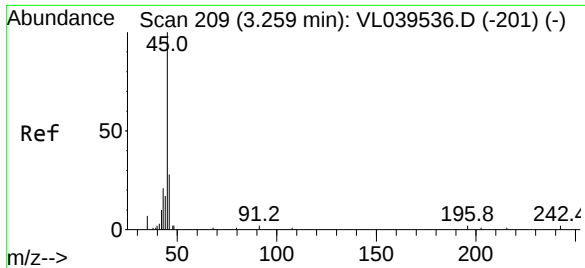
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#9
Propene
Concen: 0.387 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.020 min
Lab File: VL039644.D
Acq: 21 Sep 2022 20:58

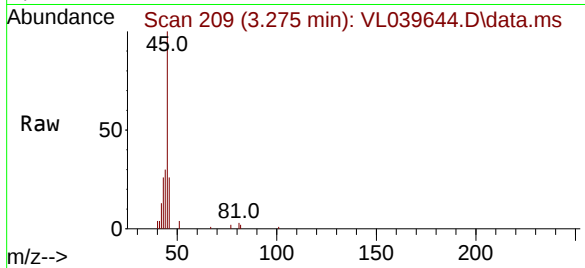
Tgt Ion: 41 Resp: 24096
Ion Ratio Lower Upper
41 100
42 43.4 55.2 82.8





#13
Ethanol
Concen: 9.404 ppbv
RT: 3.275 min Scan# 209
Delta R.T. 0.017 min
Lab File: VL039644.D
Acq: 21 Sep 2022 20:58

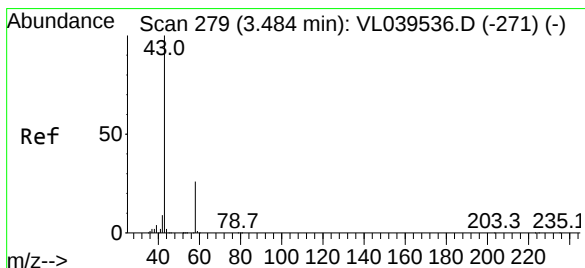
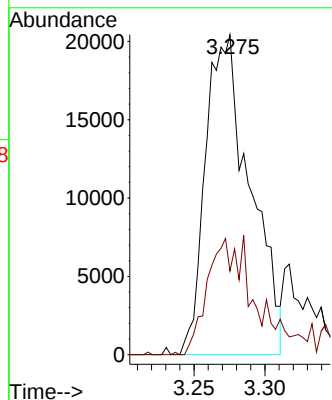
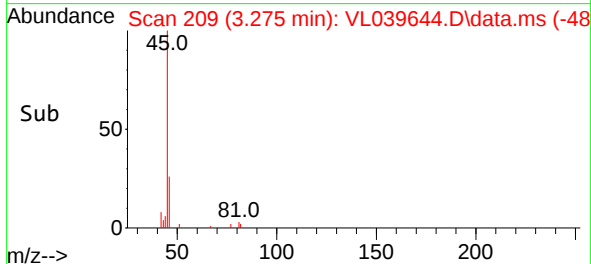
Instrument :
MSVOA_L
ClientSampleId :
C0PF4DL



Tgt Ion: 45 Resp: 44608
Ion Ratio Lower Upper
45 100
46 38.4 22.8 91.2

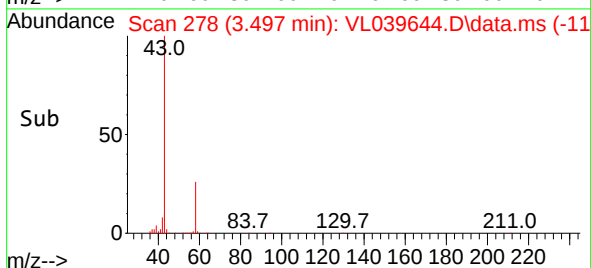
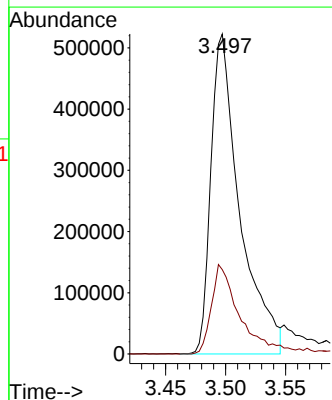
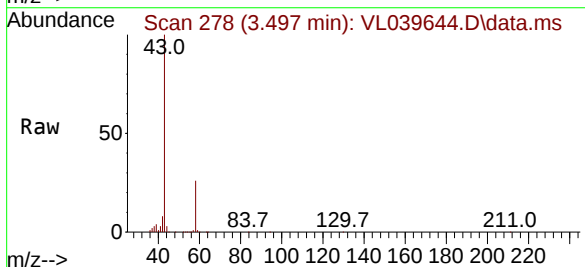
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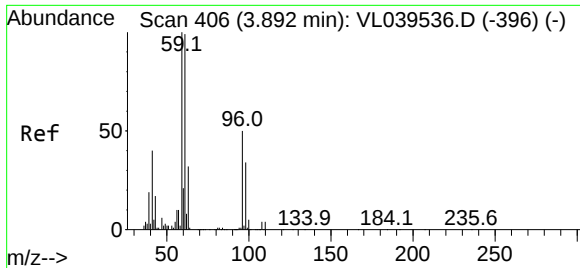
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#15
Acetone
Concen: 6.854 ppbv
RT: 3.497 min Scan# 278
Delta R.T. 0.013 min
Lab File: VL039644.D
Acq: 21 Sep 2022 20:58

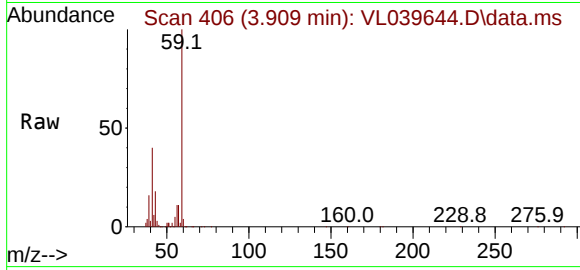
Tgt Ion: 43 Resp: 876086
Ion Ratio Lower Upper
43 100
58 29.5 21.0 31.6





#17
tert-Butyl alcohol
Concen: 2.788 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.017 min
Lab File: VL039644.D
Acq: 21 Sep 2022 20:58

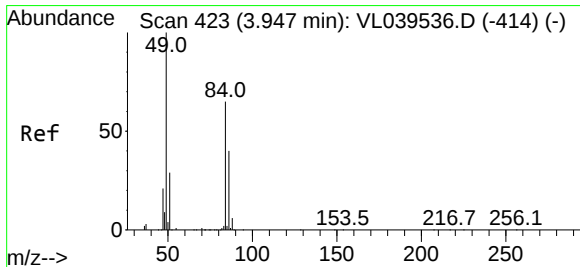
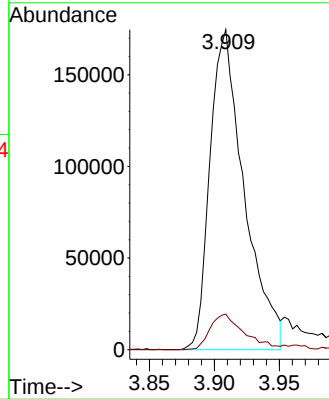
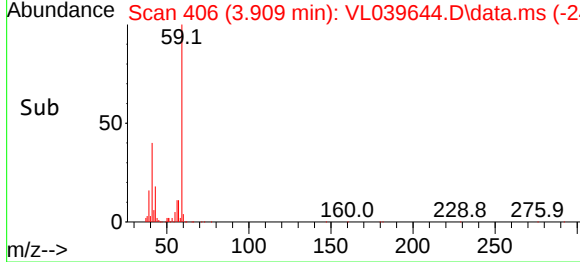
Instrument :
MSVOA_L
ClientSampleId :
C0PF4DL



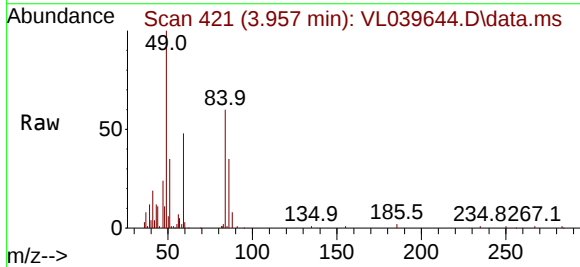
Tgt Ion: 59 Resp: 319762
Ion Ratio Lower Upper
59 100
57 12.3 8.7 13.1

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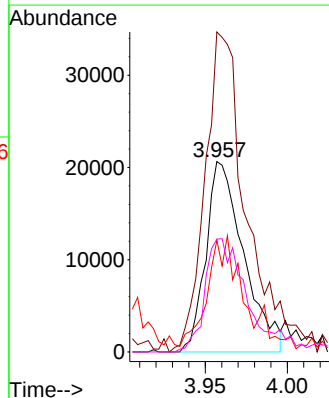
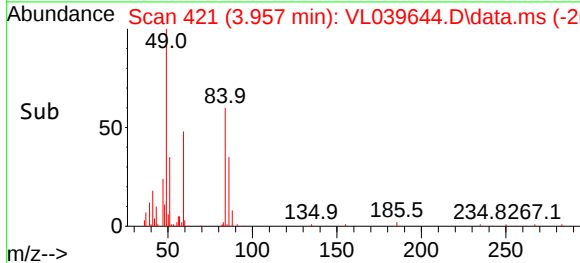
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

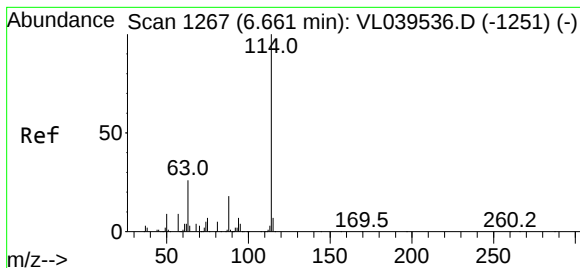


#20
Methylene Chloride
Concen: 0.558 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.010 min
Lab File: VL039644.D
Acq: 21 Sep 2022 20:58



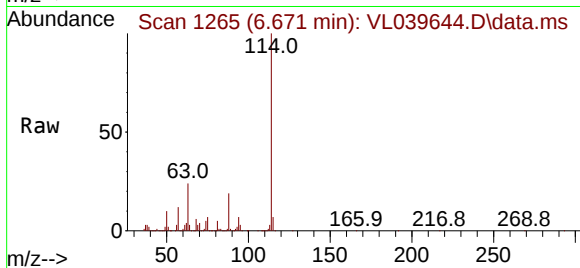
Tgt Ion: 84 Resp: 33004
Ion Ratio Lower Upper
84 100
49 164.4 123.1 184.7
51 55.7 34.4 51.6#
86 57.8 51.1 76.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 114
Delta R.T. 0.010 min
Lab File: VL039644.D
Acq: 21 Sep 2022 20:58

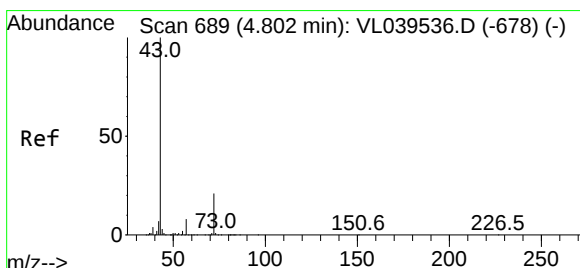
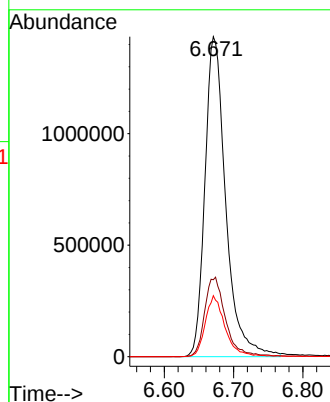
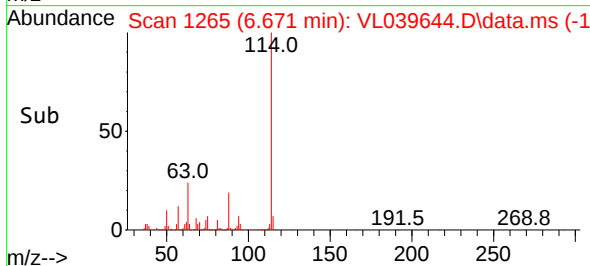
Instrument :
MSVOA_L
ClientSampleId :
C0PF4DL



Tgt Ion:114 Resp: 2992624
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.4
88 18.4 14.5 21.7

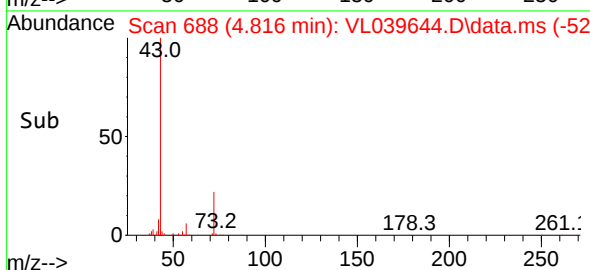
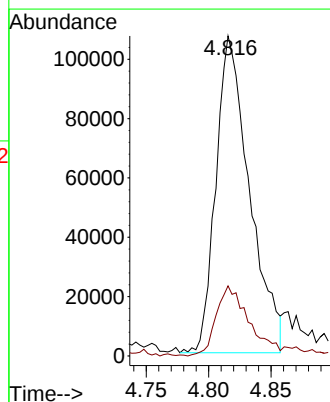
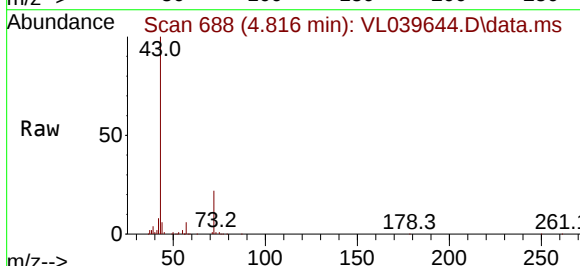
Manual Integrations
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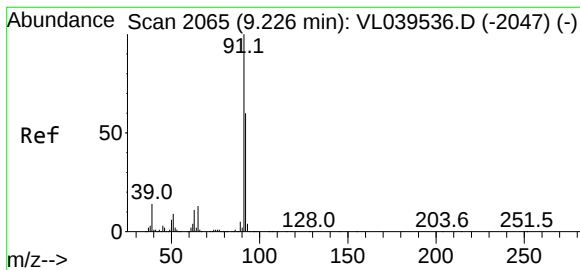
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#34
2-Butanone
Concen: 1.364 ppbv
RT: 4.816 min Scan# 688
Delta R.T. 0.013 min
Lab File: VL039644.D
Acq: 21 Sep 2022 20:58

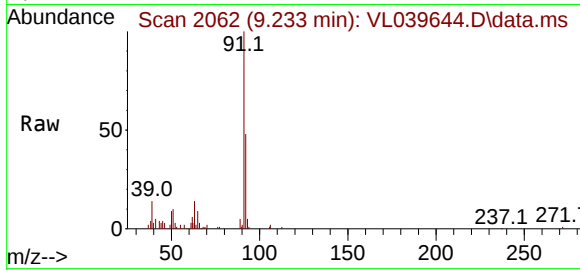
Tgt Ion: 43 Resp: 200466
Ion Ratio Lower Upper
43 100
72 25.5 17.9 26.9





#53
Toluene
Concen: 0.257 ppbv m
RT: 9.233 min Scan# 2065
Delta R.T. 0.007 min
Lab File: VL039644.D
Acq: 21 Sep 2022 20:58

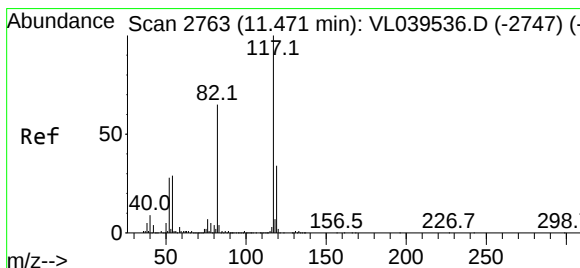
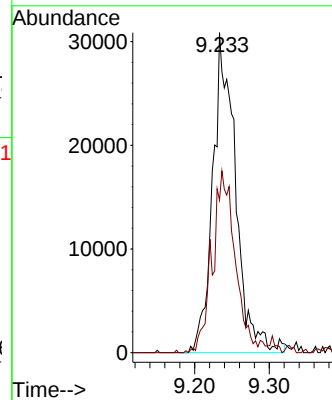
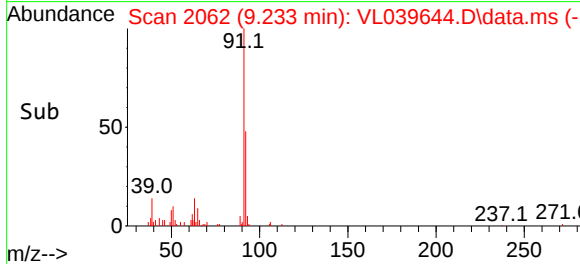
Instrument :
MSVOA_L
ClientSampleId :
C0PF4DL



Tgt Ion: 91 Resp: 65480
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2

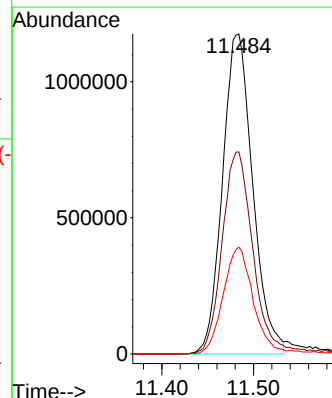
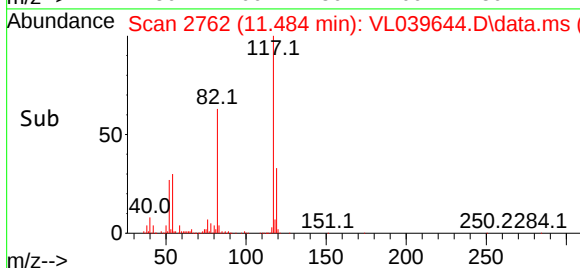
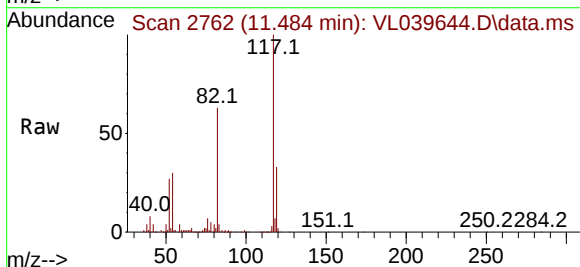
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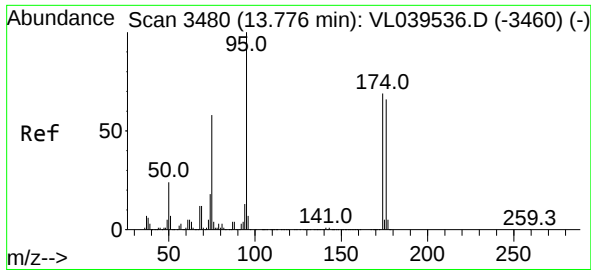
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.013 min
Lab File: VL039644.D
Acq: 21 Sep 2022 20:58

Tgt Ion:117 Resp: 2689462
Ion Ratio Lower Upper
117 100
82 65.8 50.8 76.2
119 34.1 24.1 36.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.155 ppbv

RT: 13.793 min Scan# 34

Delta R.T. 0.017 min

Lab File: VL039644.D

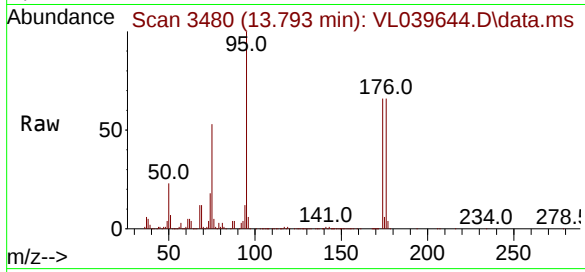
Acq: 21 Sep 2022 20:58

Instrument :

MSVOA_L

ClientSampleId :

C0PF4DL



Tgt Ion: 95 Resp: 203888

Ion Ratio Lower Upper

95 100

174 71.9 55.9 83.9

175 5.5 4.2 6.4

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 09/28/2022

