

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039652.D
 Acq On : 22 Sep 2022 2:16
 Operator : SY/AP
 Sample : N4669-06DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF8DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 08:25:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.218	49	1079734	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.674	114	2736384	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.487	117	2529944	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1871916	9.912	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%
Target Compounds						
9) Propene	2.735	41	136033	2.325	ppbv #	64
13) Ethanol	3.266	45	264138	59.238	ppbv	77
15) Acetone	3.501	43	303650	2.527	ppbv	98
20) Methylene Chloride	3.960	84	94145	1.695	ppbv	96
29) Chloroform	5.298	83	40596	0.253	ppbv #	78
53) Toluene	9.240	91	27730m	0.119	ppbv	

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

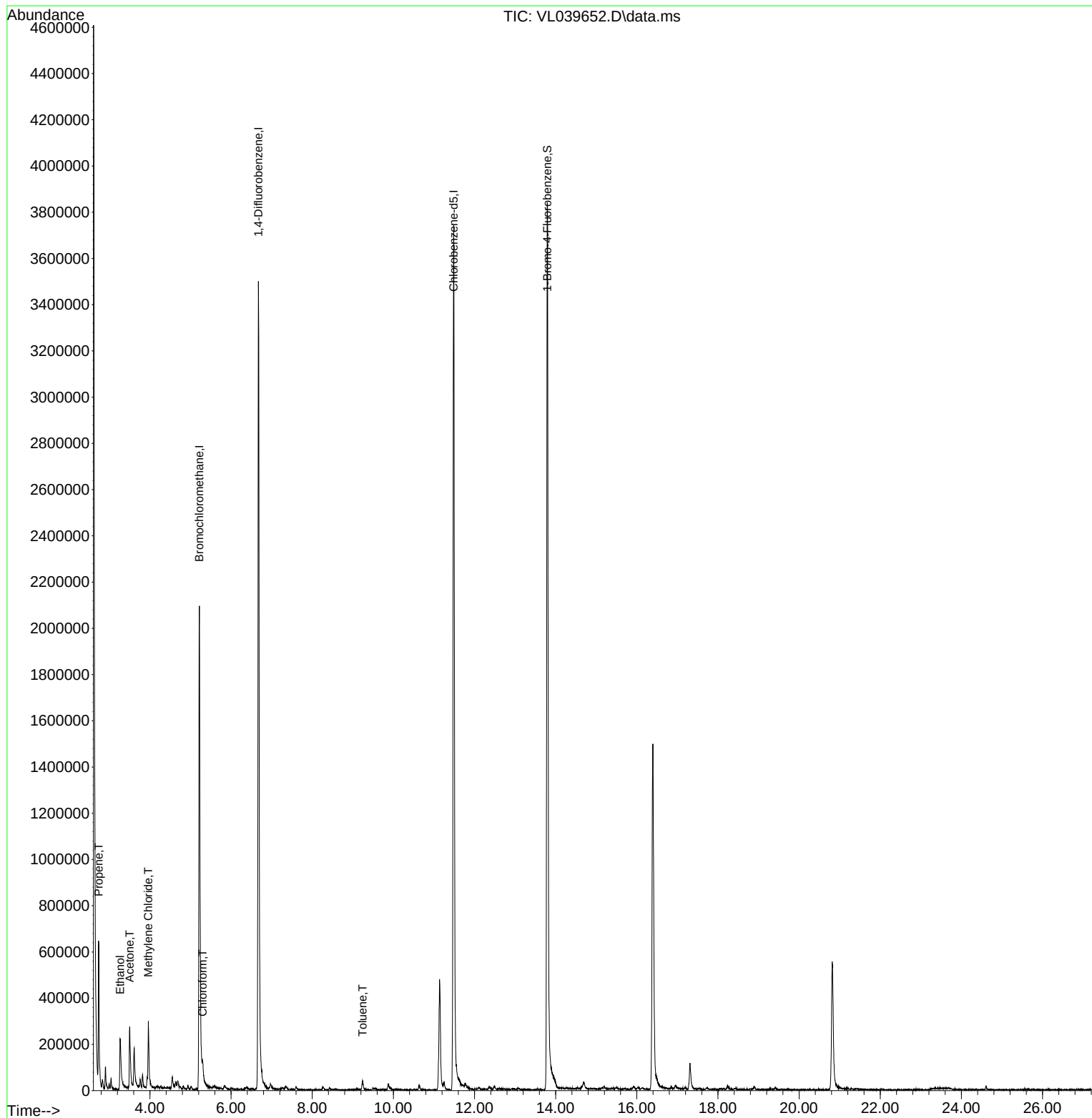
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
Data File : VL039652.D
Acq On : 22 Sep 2022 2:16
Operator : SY/AP
Sample : N4669-06DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

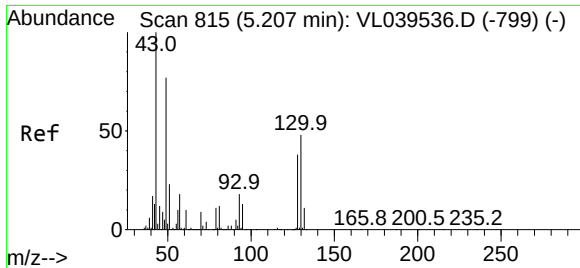
Instrument :
MSVOA_L
ClientSampleId :
C0PF8DL

Quant Time: Sep 22 08:25:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

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





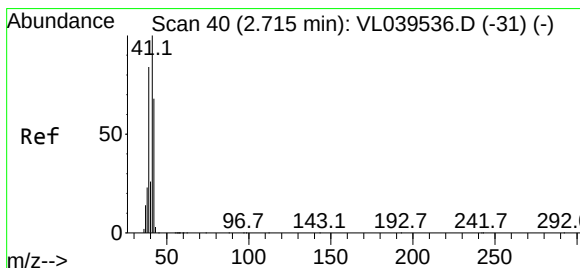
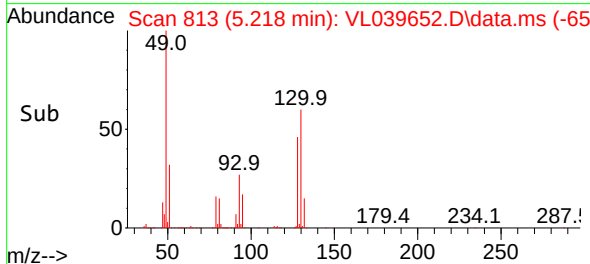
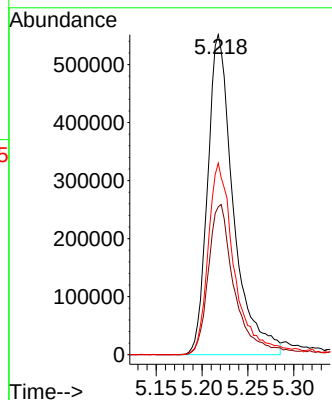
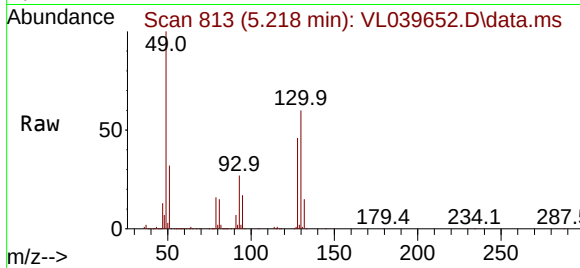
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.218 min Scan# 81
Delta R.T. 0.011 min
Lab File: VL039652.D
Acq: 22 Sep 2022 2:16

Instrument :
MSVOA_L
ClientSampleId :
COPF8DL

Tgt Ion: 49 Resp: 1079734
Ion Ratio Lower Upper
49 100
128 48.8 26.7 80.0
130 63.7 34.3 102.8

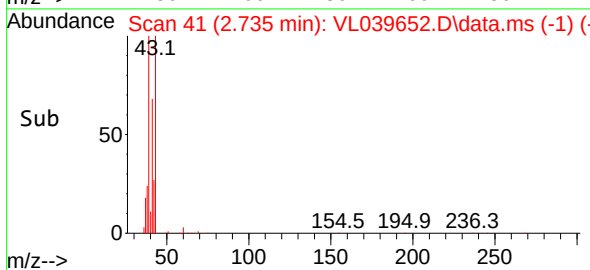
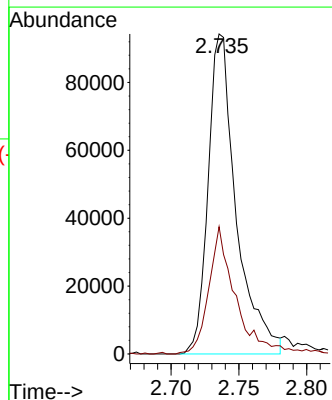
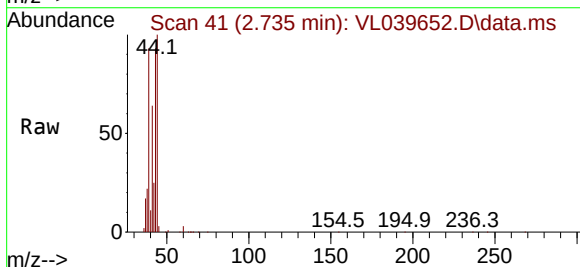
Manual Integrations
APPROVED

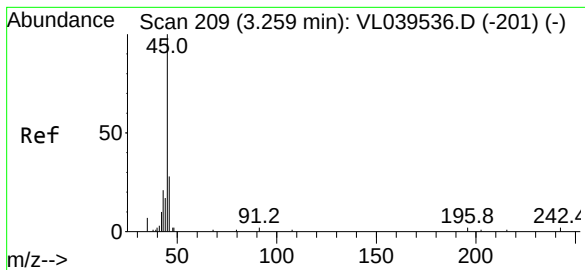
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#9
Propene
Concen: 2.325 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.020 min
Lab File: VL039652.D
Acq: 22 Sep 2022 2:16

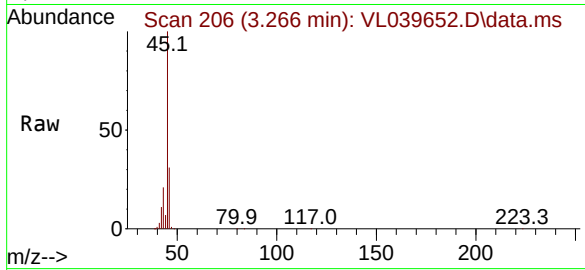
Tgt Ion: 41 Resp: 136033
Ion Ratio Lower Upper
41 100
42 39.5 55.2 82.8#





#13
Ethanol
Concen: 59.238 ppbv
RT: 3.266 min Scan# 206
Delta R.T. 0.007 min
Lab File: VL039652.D
Acq: 22 Sep 2022 2:16

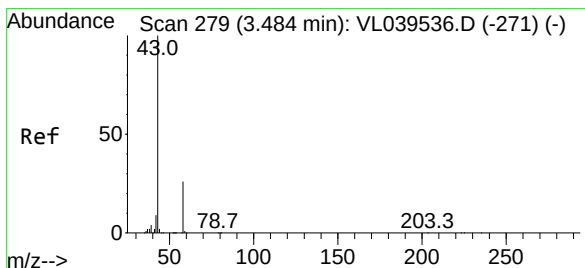
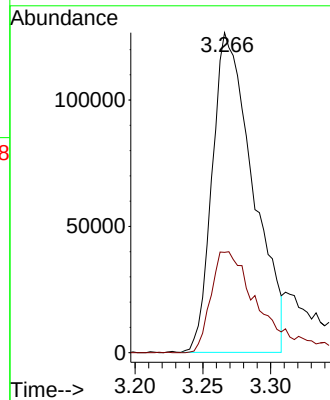
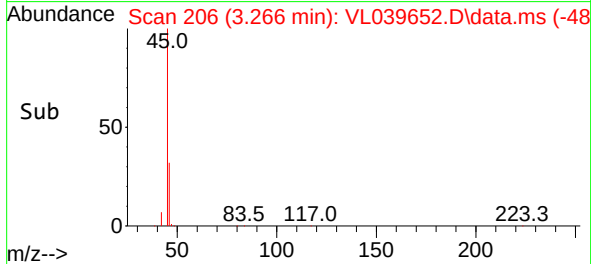
Instrument :
MSVOA_L
ClientSampleId :
COPF8DL



Tgt Ion: 45 Resp: 264138
Ion Ratio Lower Upper
45 100
46 39.8 22.8 91.2

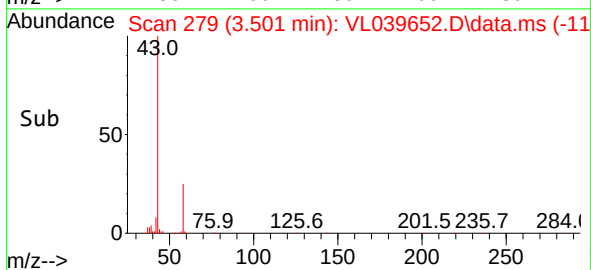
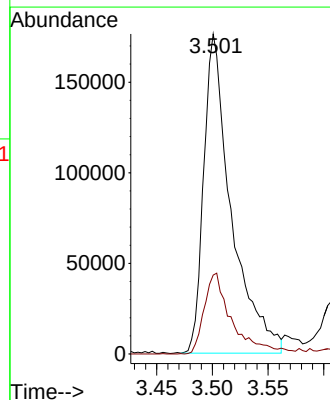
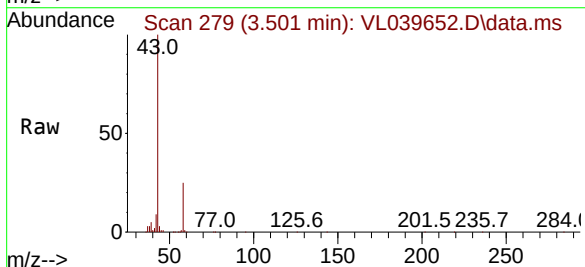
Manual Integrations
APPROVED

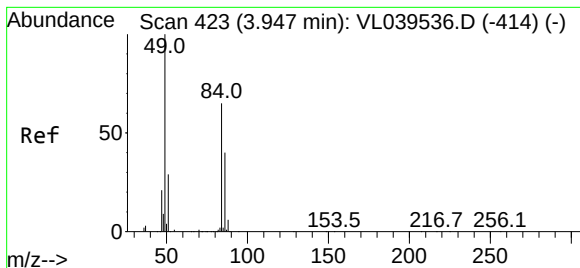
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#15
Acetone
Concen: 2.527 ppbv
RT: 3.501 min Scan# 279
Delta R.T. 0.017 min
Lab File: VL039652.D
Acq: 22 Sep 2022 2:16

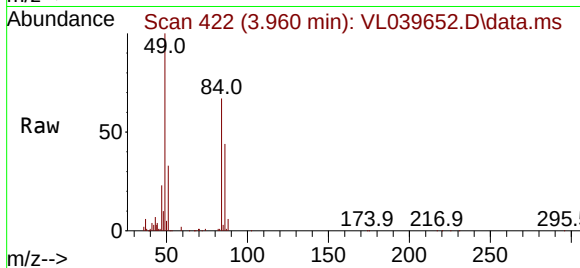
Tgt Ion: 43 Resp: 303650
Ion Ratio Lower Upper
43 100
58 25.4 21.0 31.6





#20
Methylene Chloride
Concen: 1.695 ppbv
RT: 3.960 min Scan# 414
Delta R.T. 0.014 min
Lab File: VL039652.D
Acq: 22 Sep 2022 2:16

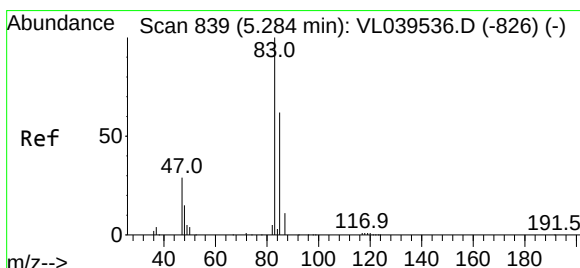
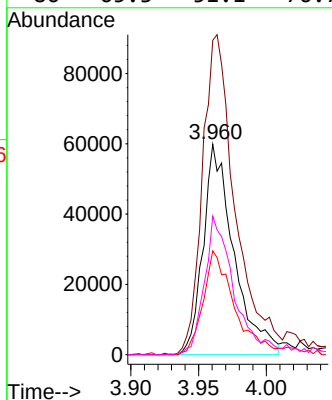
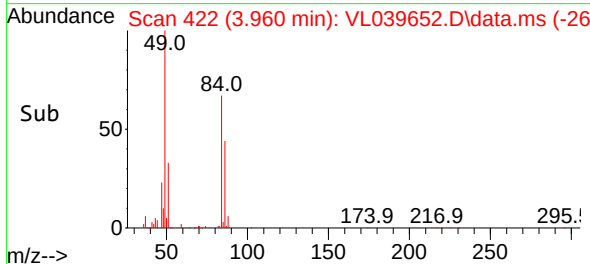
Instrument :
MSVOA_L
ClientSampleId :
C0PF8DL



Tgt Ion: 84 Resp: 9414
Ion Ratio Lower Upper
84 100
49 148.6 123.1 184.7
51 49.3 34.4 51.6
86 65.3 51.1 76.7

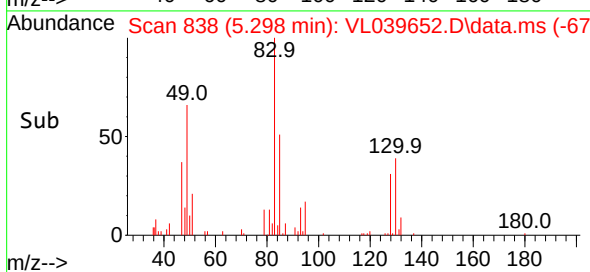
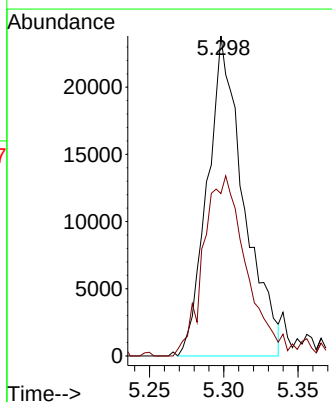
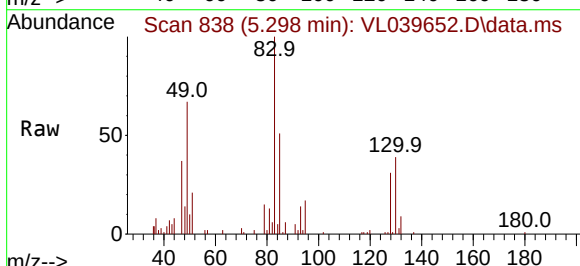
Manual Integrations
APPROVED

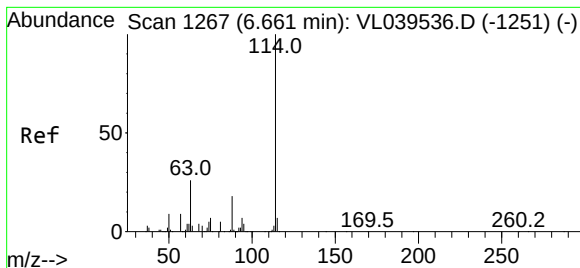
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#29
Chloroform
Concen: 0.253 ppbv
RT: 5.298 min Scan# 838
Delta R.T. 0.014 min
Lab File: VL039652.D
Acq: 22 Sep 2022 2:16

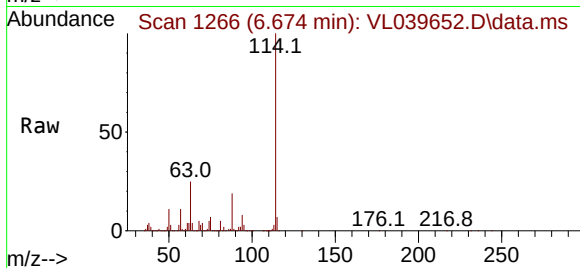
Tgt Ion: 83 Resp: 40596
Ion Ratio Lower Upper
83 100
85 48.6 52.8 79.2#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 114
Delta R.T. 0.014 min
Lab File: VL039652.D
Acq: 22 Sep 2022 2:16

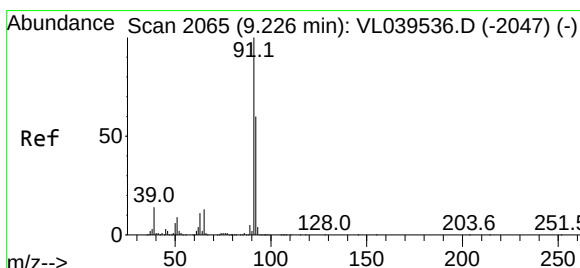
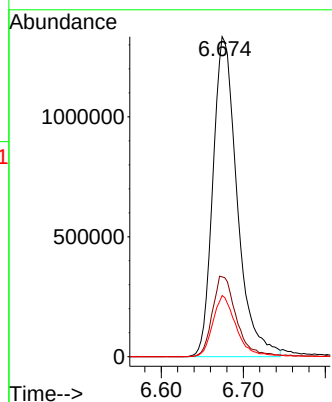
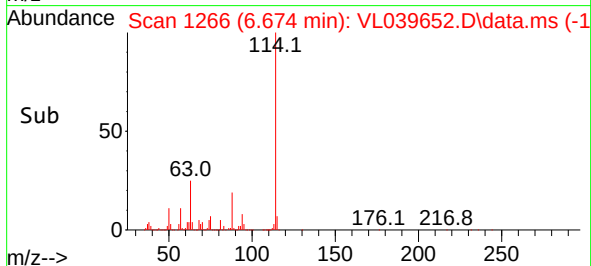
Instrument :
MSVOA_L
ClientSampleId :
C0PF8DL



Tgt Ion:114 Resp: 2736384
Ion Ratio Lower Upper
114 100
63 25.5 20.2 30.4
88 18.8 14.5 21.7

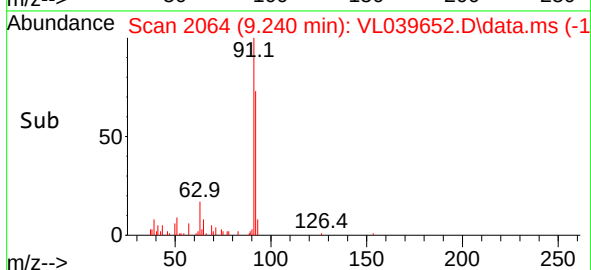
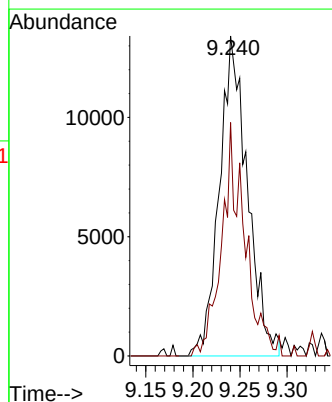
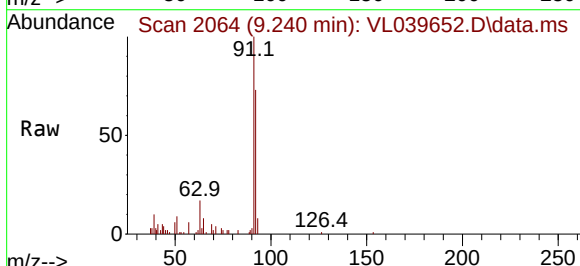
Manual Integrations
APPROVED

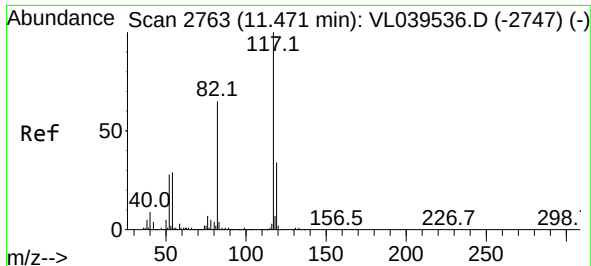
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#53
Toluene
Concen: 0.119 ppbv m
RT: 9.240 min Scan# 2064
Delta R.T. 0.014 min
Lab File: VL039652.D
Acq: 22 Sep 2022 2:16

Tgt Ion: 91 Resp: 27730
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.487 min Scan# 21

Delta R.T. 0.017 min

Lab File: VL039652.D

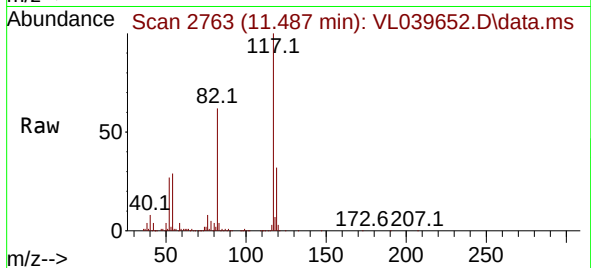
Acq: 22 Sep 2022 2:16

Instrument :

MSVOA_L

ClientSampleId :

C0PF8DL



Tgt Ion: 117 Resp: 252994

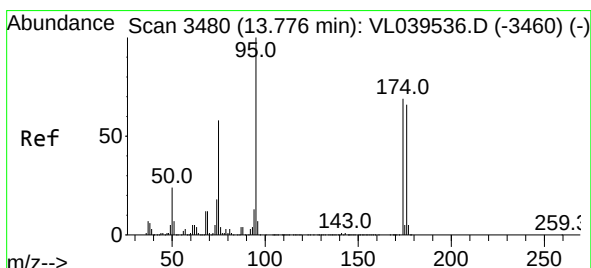
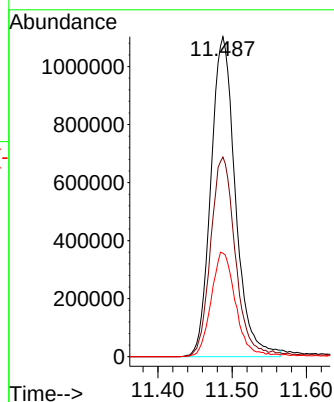
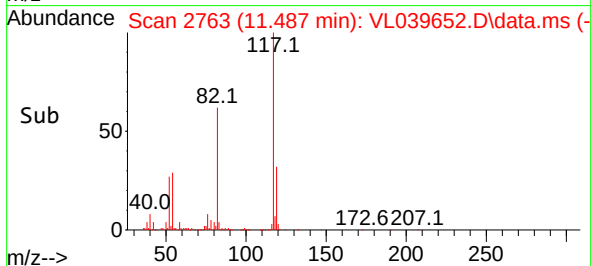
Ion	Ratio	Lower	Upper
117	100		
82	64.5	50.8	76.2
119	33.7	24.1	36.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.912 ppbv

RT: 13.796 min Scan# 3481

Delta R.T. 0.020 min

Lab File: VL039652.D

Acq: 22 Sep 2022 2:16

Tgt Ion: 95 Resp: 1871916

Ion	Ratio	Lower	Upper
95	100		
174	72.8	55.9	83.9
175	5.2	4.2	6.4

