Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
Data File : VL039382.D
Acq On : 28 Jun 2022 7:13
Operator : SY/AP
Sample : N3508-02DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-6-20220624DL

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 08:48:07 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun (
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.655	49	924612	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.163	114	2879726	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.069	117	2537401	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	1886044	8.991	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 89.900%			
Target Compounds						Qvalue
13) Ethanol	3.600	45	36954m	13.209	ppbv	
15) Acetone	3.838	43	1790000	18.585	ppbv	95
17) tert-Butyl alcohol	4.285	59	25821m	0.346	ppbv	
19) Isopropyl Alcohol	3.964	45	286820m	6.349	ppbv	
20) Methylene Chloride	4.330	84	34112m	0.840	ppbv	
26) Hexane	5.674	57	14955m	0.157	ppbv	
34) 2-Butanone	5.240	43	89601m	0.573	ppbv	

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

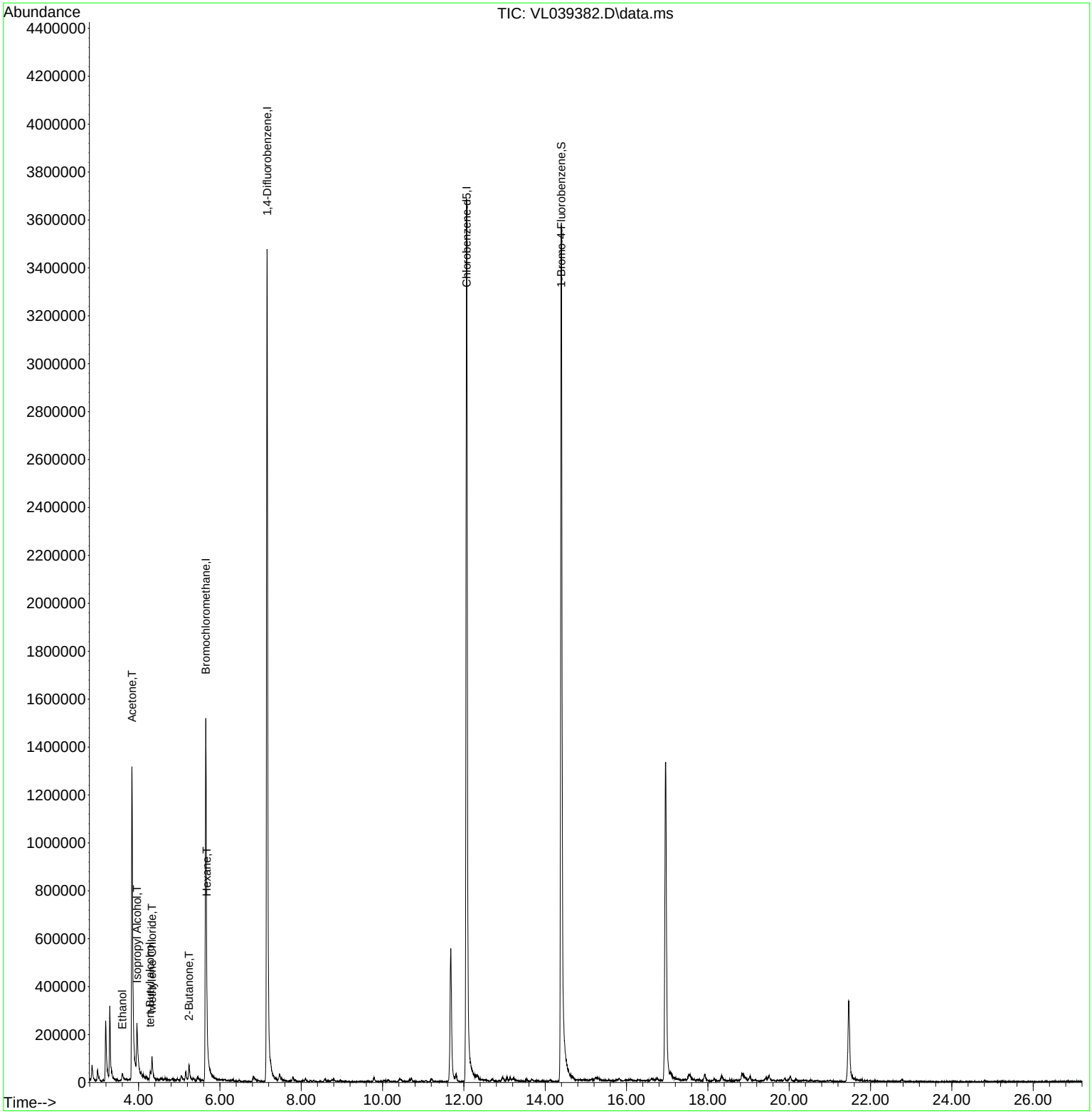
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
Data File : VL039382.D
Acq On : 28 Jun 2022 7:13
Operator : SY/AP
Sample : N3508-02DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

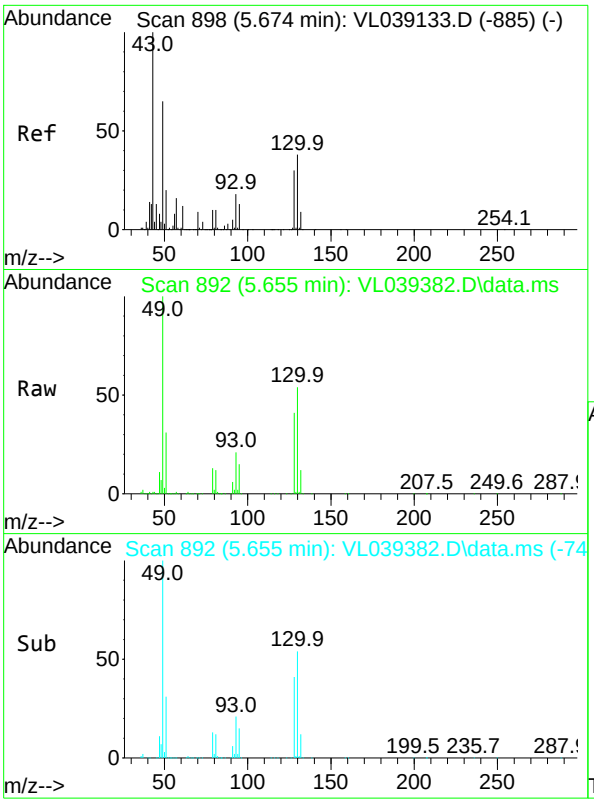
Quant Time: Jun 28 08:48:07 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV-6-20220624DL

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 8
Delta R.T. -0.019 min
Lab File: VL039382.D
Acq: 28 Jun 2022 7:13

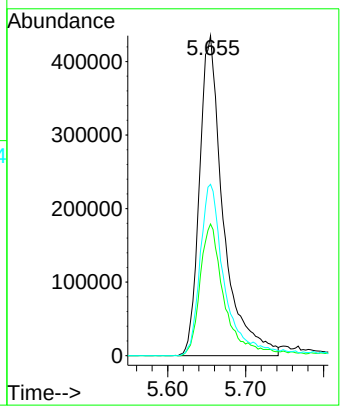
Tgt Ion: 49 Resp: 92461

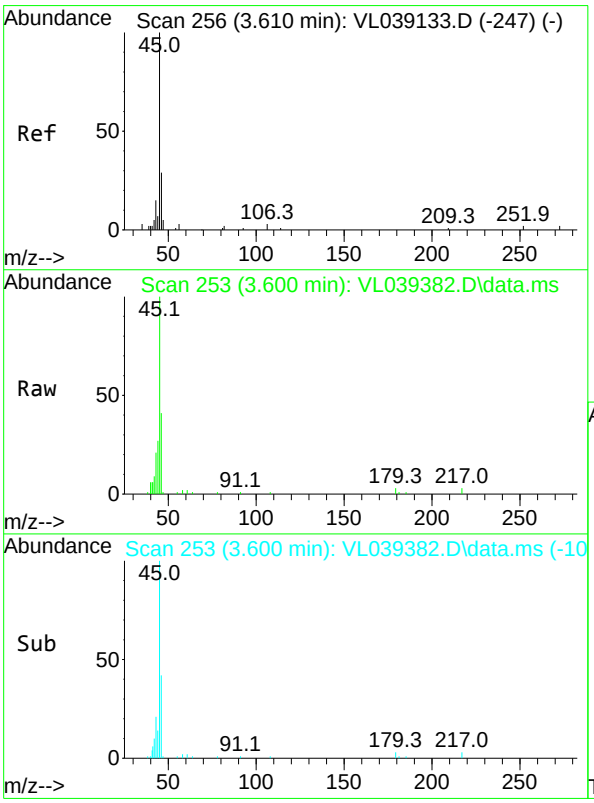
Ion	Ratio	Lower	Upper
49	100		
128	44.1	24.7	74.1
130	56.0	31.4	94.0

Instrument :
MSVOA_L
ClientSampleId :
SV-6-20220624DL

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

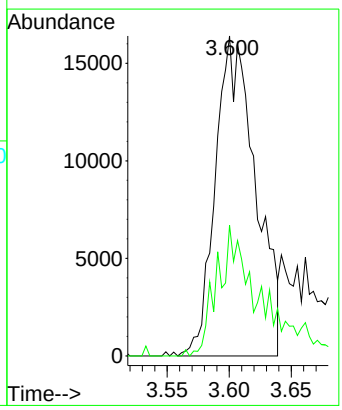


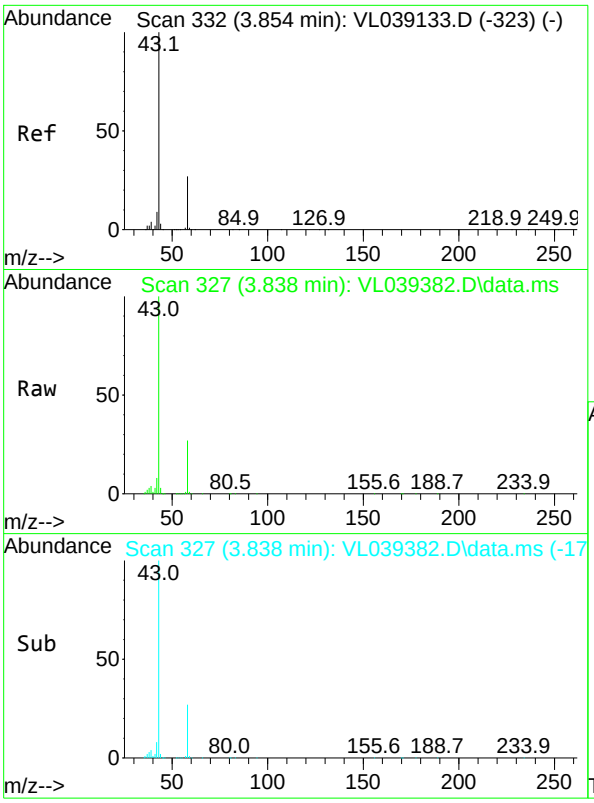


#13
Ethanol
Concen: 13.209 ppbv m
RT: 3.600 min Scan# 253
Delta R.T. -0.010 min
Lab File: VL039382.D
Acq: 28 Jun 2022 7:13

Tgt Ion: 45 Resp: 36954

Ion	Ratio	Lower	Upper
45	100		
46	44.6	0.0	0.0#





#15
Acetone
Concen: 18.585 ppbv
RT: 3.838 min Scan# 3
Delta R.T. -0.016 min
Lab File: VL039382.D
Acq: 28 Jun 2022 7:13

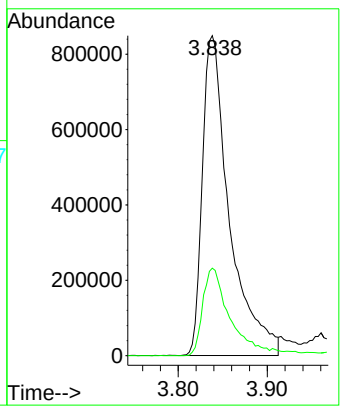
Tgt Ion: 43 Resp: 179000

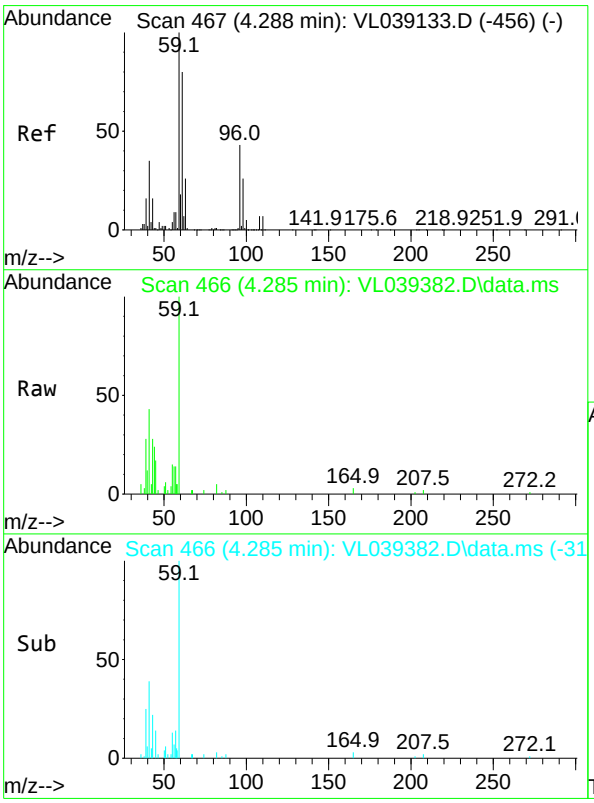
Ion	Ratio	Lower	Upper
43	100		
58	30.6	22.5	33.7

Instrument :
MSVOA_L
ClientSampleId :
SV-6-20220624DL

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

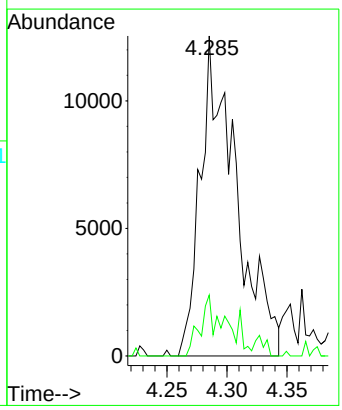


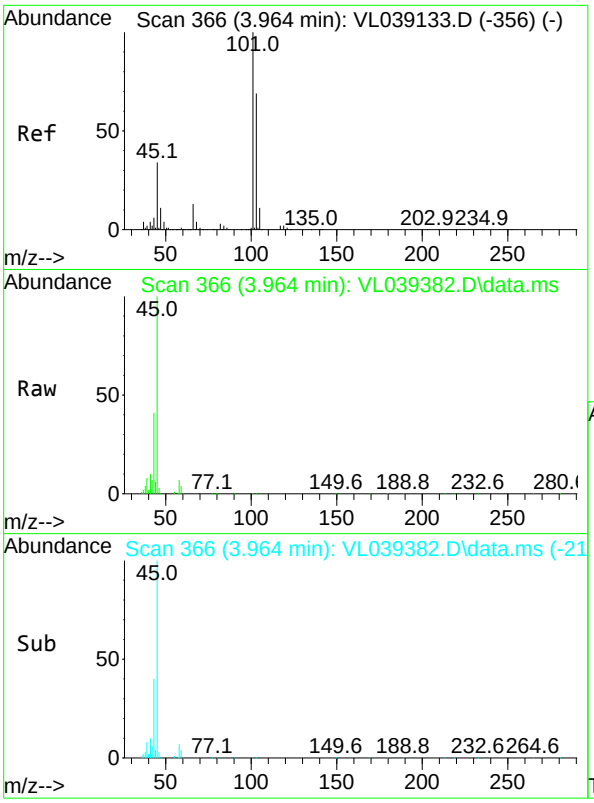


#17
tert-Butyl alcohol
Concen: 0.346 ppbv m
RT: 4.285 min Scan# 466
Delta R.T. -0.003 min
Lab File: VL039382.D
Acq: 28 Jun 2022 7:13

Tgt Ion: 59 Resp: 25821

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.1	13.7#





#19
Isopropyl Alcohol
Concen: 6.349 ppbv m
RT: 3.964 min Scan# 3
Delta R.T. 0.000 min
Lab File: VL039382.D
Acq: 28 Jun 2022 7:13

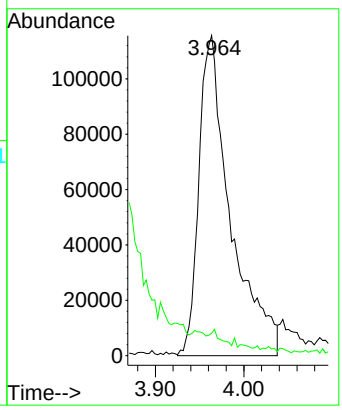
Tgt Ion: 45 Resp: 28682

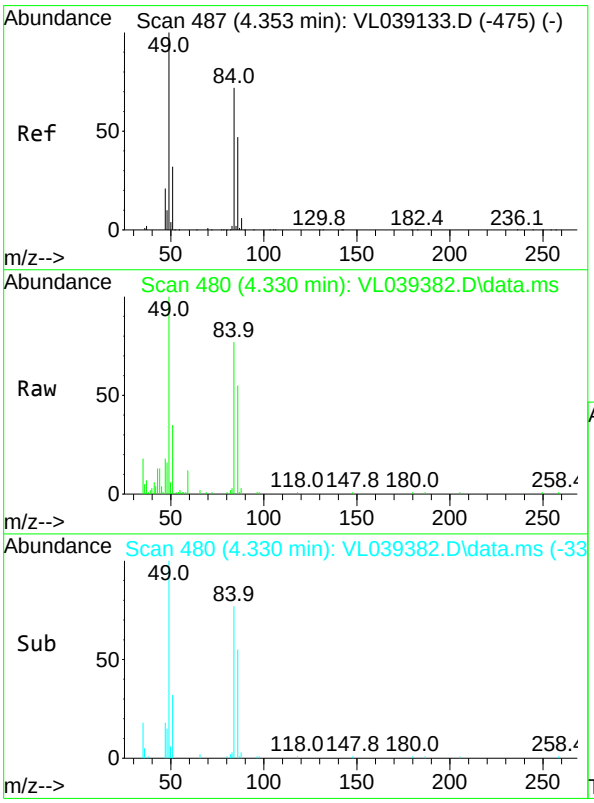
Ion	Ratio	Lower	Upper
45	100		
58	189.8	1.8	2.8

Instrument :
MSVOA_L
ClientSampleId :
SV-6-20220624DL

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

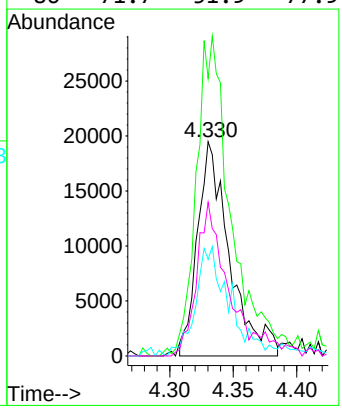


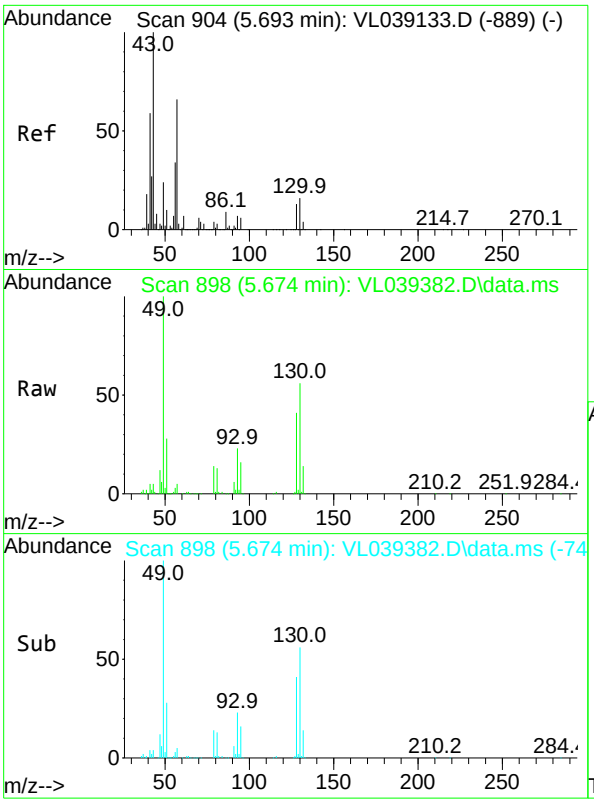


#20
Methylene Chloride
Concen: 0.840 ppbv m
RT: 4.330 min Scan# 480
Delta R.T. -0.022 min
Lab File: VL039382.D
Acq: 28 Jun 2022 7:13

Tgt Ion: 84 Resp: 34112

Ion	Ratio	Lower	Upper
84	100		
49	129.5	111.1	166.7
51	45.1	35.3	52.9
86	71.7	51.9	77.9

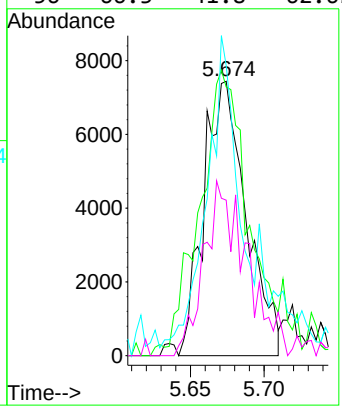




#26
Hexane
Concen: 0.157 ppbv m
RT: 5.674 min Scan# 8
Delta R.T. -0.019 min
Lab File: VL039382.D
Acq: 28 Jun 2022 7:13

Tgt Ion: 57 Resp: 1495

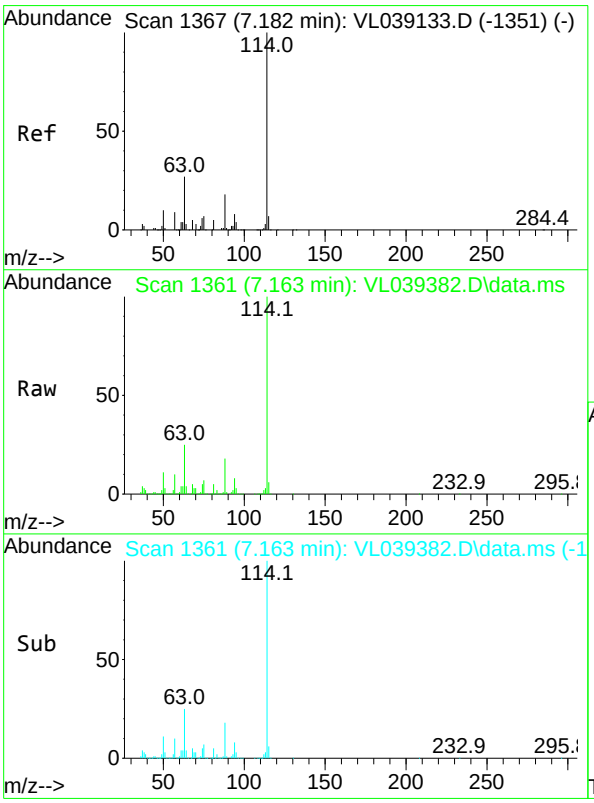
Ion	Ratio	Lower	Upper
57	100		
41	131.1	72.4	108.6#
43	119.5	187.0	280.6#
56	66.3	41.8	62.6#



Instrument :
MSVOA_L
ClientSampleId :
SV-6-20220624DL

Manual Integrations
APPROVED

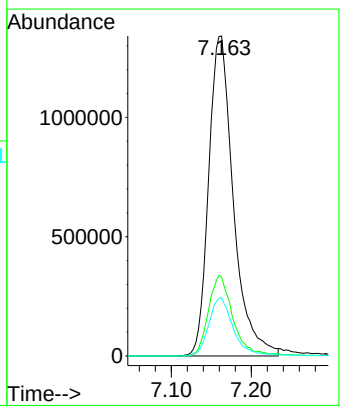
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

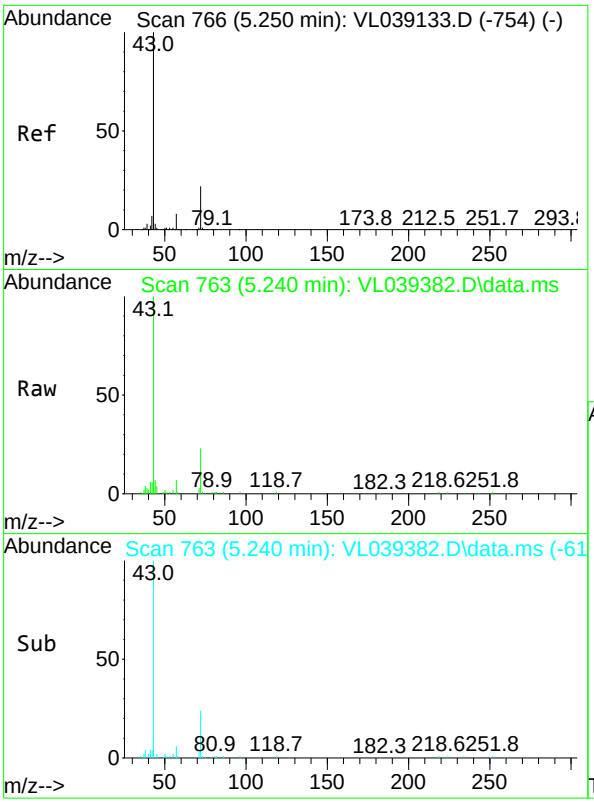


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 1361
Delta R.T. -0.019 min
Lab File: VL039382.D
Acq: 28 Jun 2022 7:13

Tgt Ion:114 Resp: 2879726

Ion	Ratio	Lower	Upper
114	100		
63	25.3	21.7	32.5
88	18.3	14.8	22.2

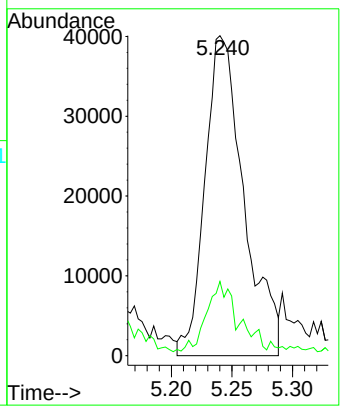




#34
2-Butanone
Concen: 0.573 ppbv m
RT: 5.240 min Scan# 7
Delta R.T. -0.010 min
Lab File: VL039382.D
Acq: 28 Jun 2022 7:13

Tgt Ion: 43 Resp: 8960

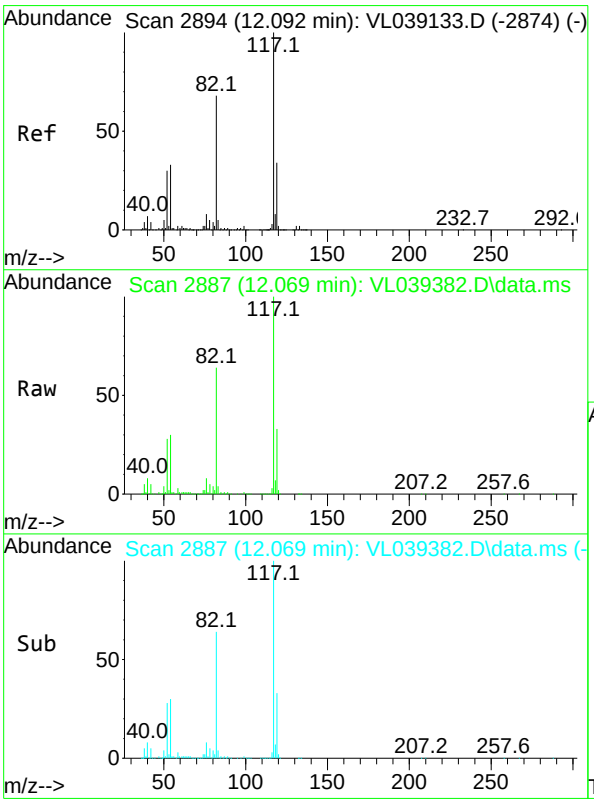
Ion	Ratio	Lower	Upper
43	100		
72	18.2	18.2	27.2



Instrument :
MSVOA_L
ClientSampleId :
SV-6-20220624DL

Manual Integrations
APPROVED

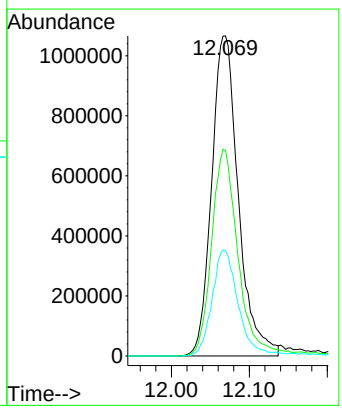
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

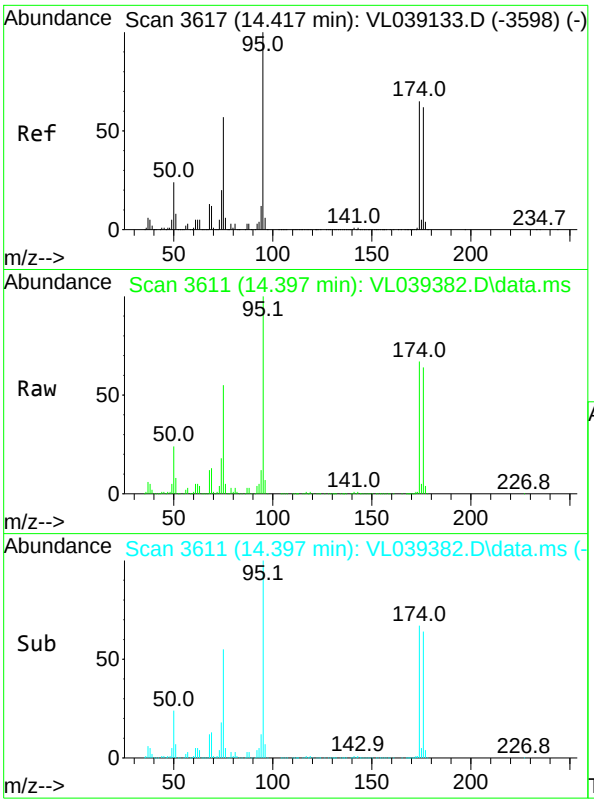


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.069 min Scan# 2887
Delta R.T. -0.022 min
Lab File: VL039382.D
Acq: 28 Jun 2022 7:13

Tgt Ion:117 Resp: 2537401

Ion	Ratio	Lower	Upper
117	100		
82	65.5	55.1	82.7
119	33.5	24.7	37.1

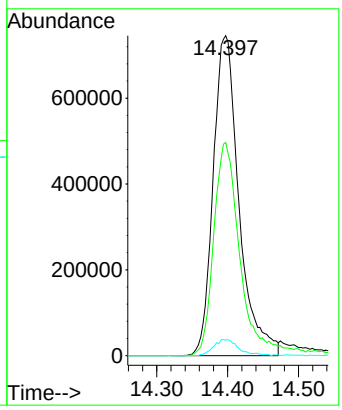




#68
1-Bromo-4-Fluorobenzene
Concen: 8.991 ppbv
RT: 14.397 min Scan# 3
Delta R.T. -0.019 min
Lab File: VL039382.D
Acq: 28 Jun 2022 7:13

Tgt Ion: 95 Resp: 188604

Ion	Ratio	Lower	Upper
95	100		
174	69.8	53.8	80.8
175	5.1	4.1	6.1



Instrument :
MSVOA_L
ClientSampleId :
SV-6-20220624DL

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022