

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039674.D
 Acq On : 22 Sep 2022 20:14
 Operator : SY/AP
 Sample : N4669-12DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG4DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/27/2022
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 23 06:37:12 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	5.221	49	941074	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.677	114	2424618	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.491	117	2199218	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1644253	10.015	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%
Target Compounds						
						Qvalue
13) Ethanol	3.272	45	222646m	57.290	ppbv	
15) Acetone	3.504	43	231587	2.212	ppbv	97
20) Methylene Chloride	3.967	84	237105m	4.897	ppbv	
26) Hexane	5.246	57	89675	0.925	ppbv #	43
38) Trichloroethene	7.317	130	21068m	0.210	ppbv	
52) Tetrachloroethene	10.638	164	331924	4.693	ppbv	93

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

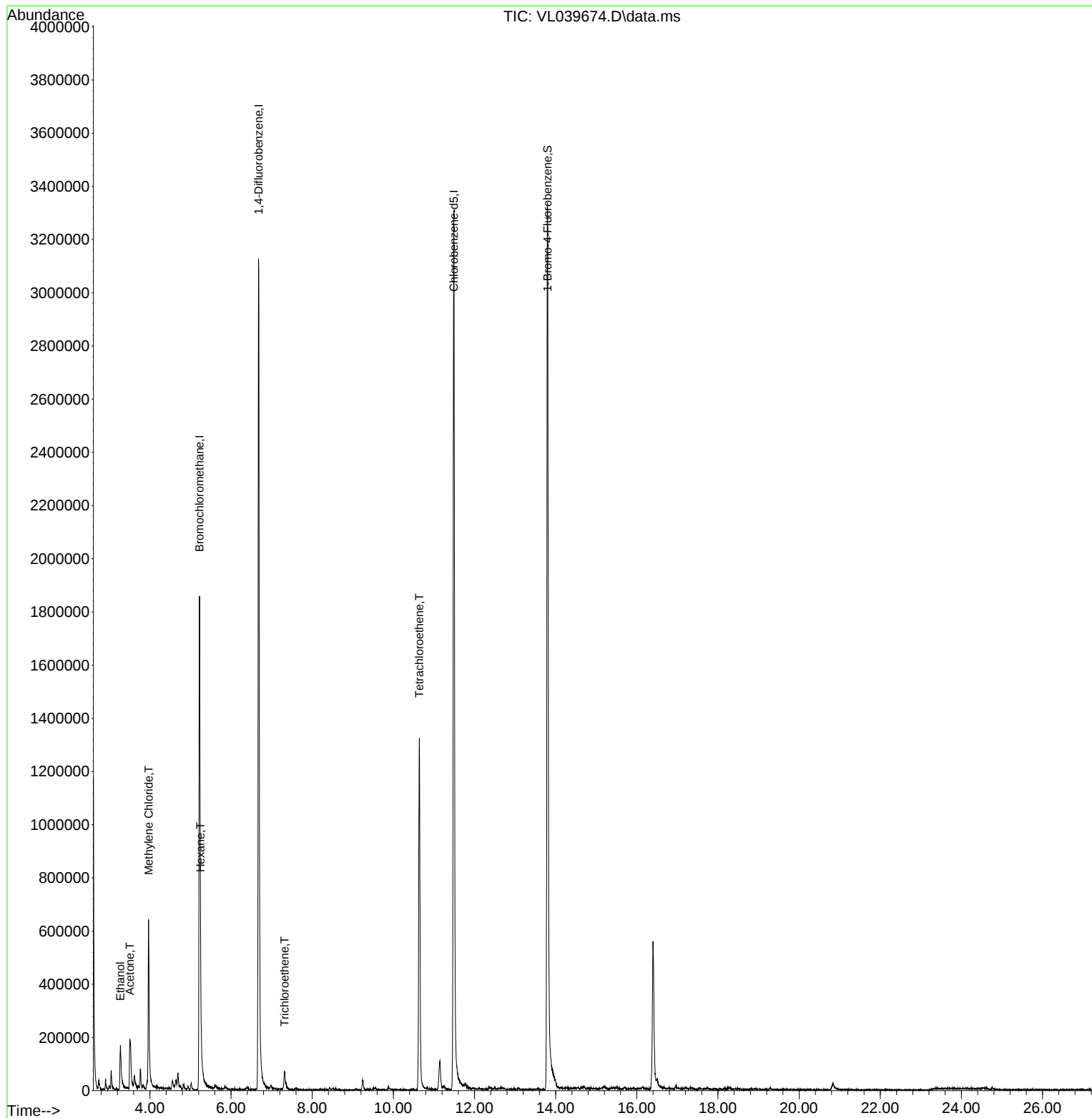
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
Data File : VL039674.D
Acq On : 22 Sep 2022 20:14
Operator : SY/AP
Sample : N4669-12DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

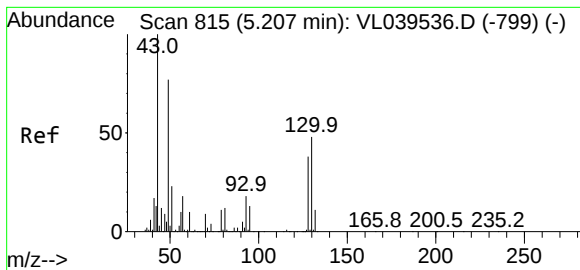
Instrument :
MSVOA_L
ClientSampleId :
C0PG4DL

Quant Time: Sep 23 06:37:12 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

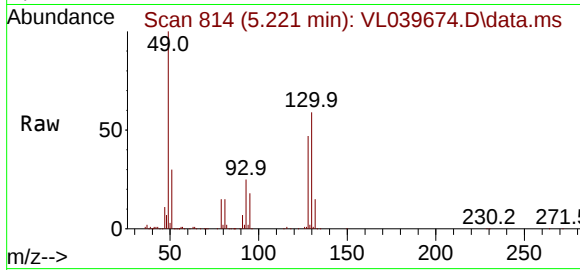
Reviewed By : Semsettin Yesilyurt 09/27/2022
Supervised By : Mahesh Dadoda 09/28/2022





#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.221 min Scan# 815
 Delta R.T. 0.014 min
 Lab File: VL039674.D
 Acq: 22 Sep 2022 20:14

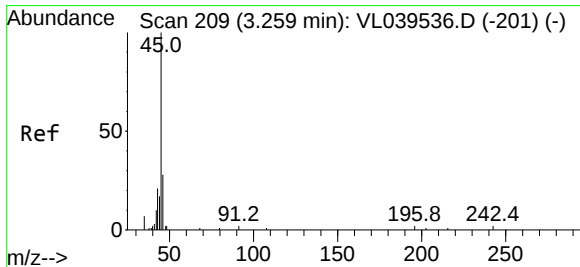
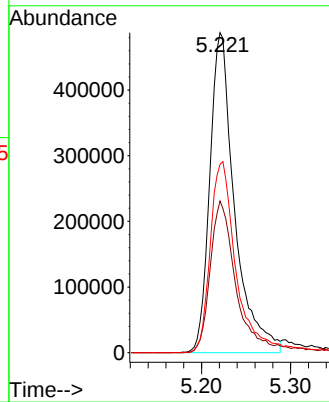
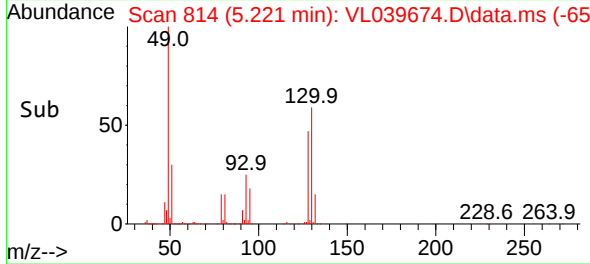
Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG4DL



Tgt Ion: 49 Resp: 941074
 Ion Ratio Lower Upper
 49 100
 128 51.7 26.7 80.0
 130 64.7 34.3 102.8

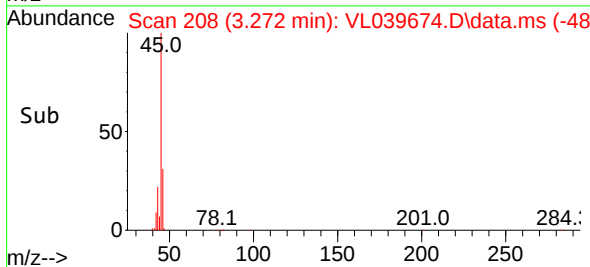
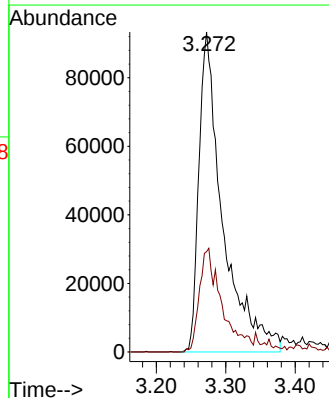
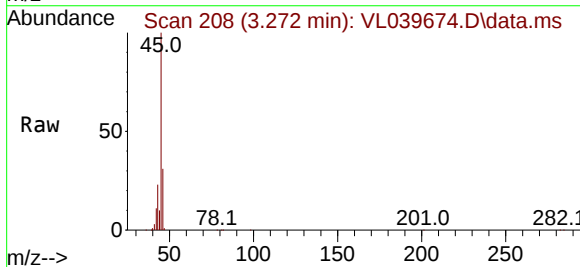
Manual Integrations
 APPROVED

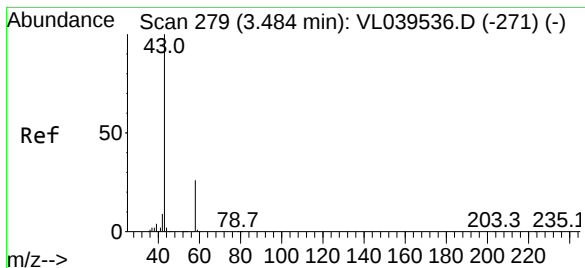
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#13
 Ethanol
 Concen: 57.290 ppbv m
 RT: 3.272 min Scan# 208
 Delta R.T. 0.013 min
 Lab File: VL039674.D
 Acq: 22 Sep 2022 20:14

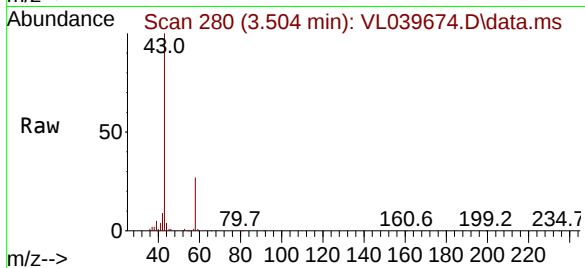
Tgt Ion: 45 Resp: 222646
 Ion Ratio Lower Upper
 45 100
 46 33.1 22.8 91.2





#15
Acetone
Concen: 2.212 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL039674.D
Acq: 22 Sep 2022 20:14

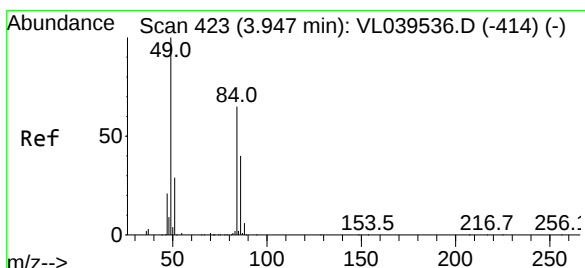
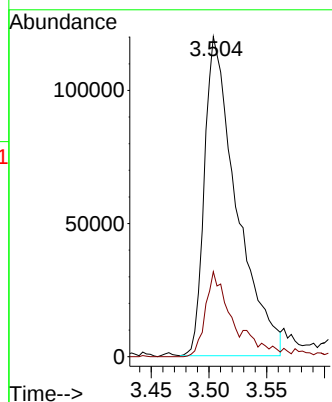
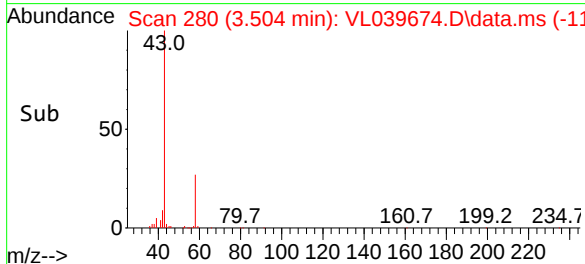
Instrument :
MSVOA_L
ClientSampleId :
C0PG4DL



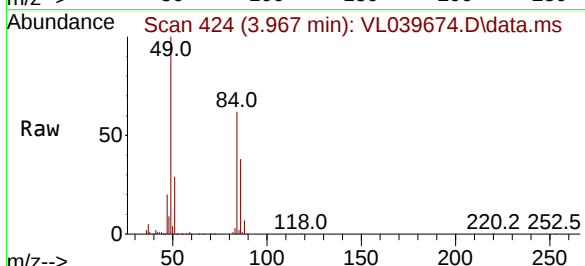
Tgt Ion: 43 Resp: 23158
Ion Ratio Lower Upper
43 100
58 24.9 21.0 31.6

Manual Integrations
APPROVED

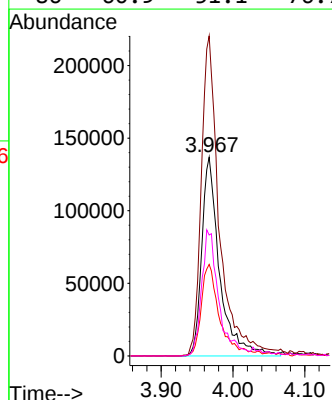
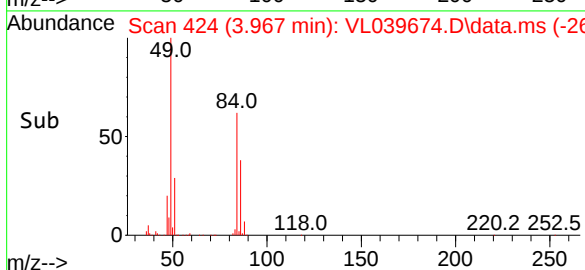
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

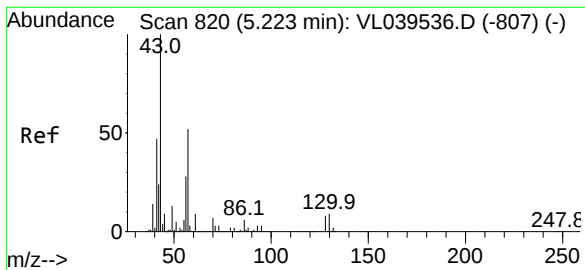


#20
Methylene Chloride
Concen: 4.897 ppbv m
RT: 3.967 min Scan# 424
Delta R.T. 0.020 min
Lab File: VL039674.D
Acq: 22 Sep 2022 20:14



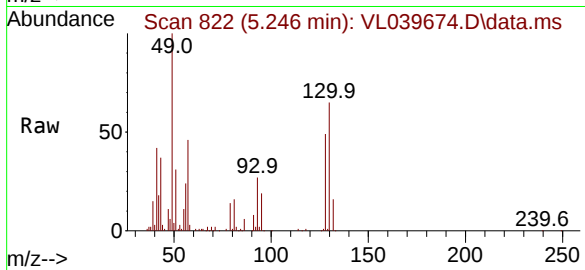
Tgt Ion: 84 Resp: 237105
Ion Ratio Lower Upper
84 100
49 161.0 123.1 184.7
51 46.0 34.4 51.6
86 60.9 51.1 76.7





#26
Hexane
Concen: 0.925 ppbv
RT: 5.246 min Scan# 81
Delta R.T. 0.023 min
Lab File: VL039674.D
Acq: 22 Sep 2022 20:14

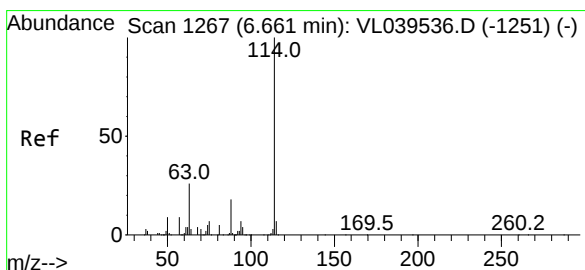
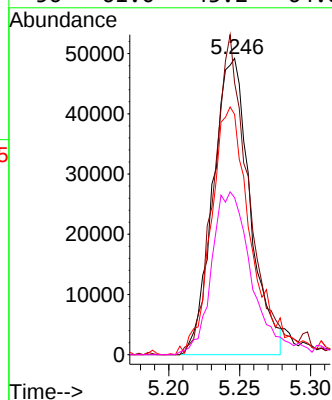
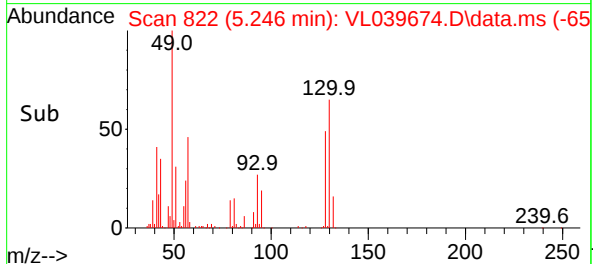
Instrument :
MSVOA_L
ClientSampleId :
C0PG4DL



Tgt Ion: 57 Resp: 89679
Ion Ratio Lower Upper
57 100
41 106.6 76.9 115.3
43 92.4 191.0 286.6
56 61.0 43.2 64.8

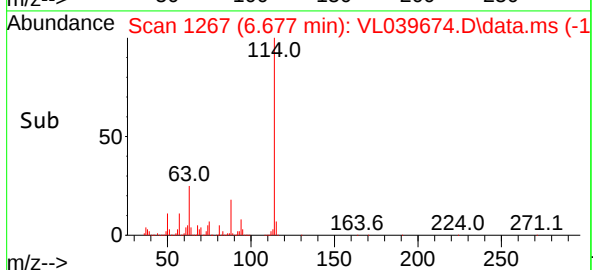
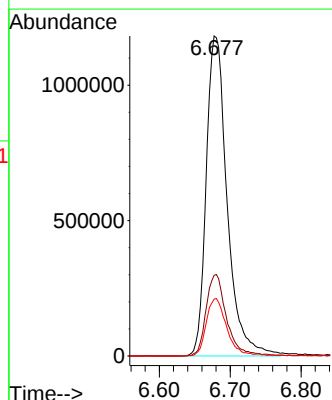
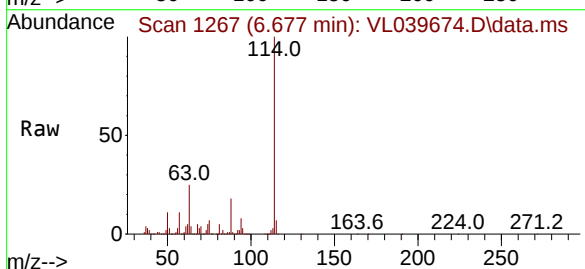
Manual Integrations
APPROVED

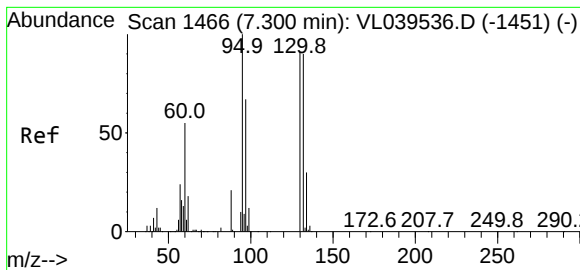
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 1267
Delta R.T. 0.017 min
Lab File: VL039674.D
Acq: 22 Sep 2022 20:14

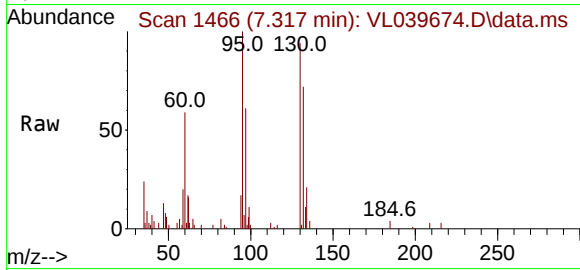
Tgt Ion:114 Resp: 2424618
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 17.9 14.5 21.7





#38
Trichloroethene
Concen: 0.210 ppbv m
RT: 7.317 min Scan# 1466
Delta R.T. 0.017 min
Lab File: VL039674.D
Acq: 22 Sep 2022 20:14

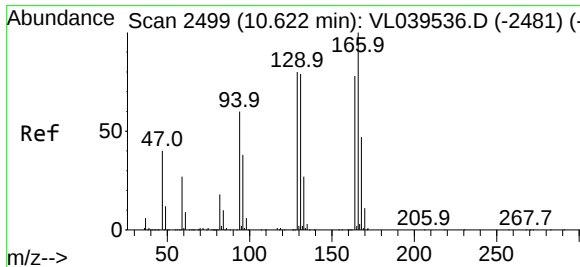
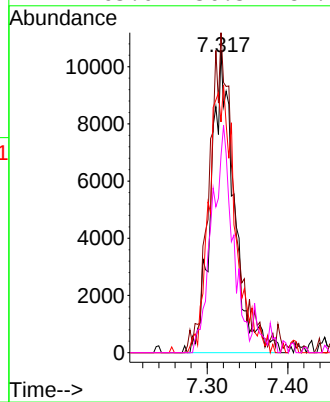
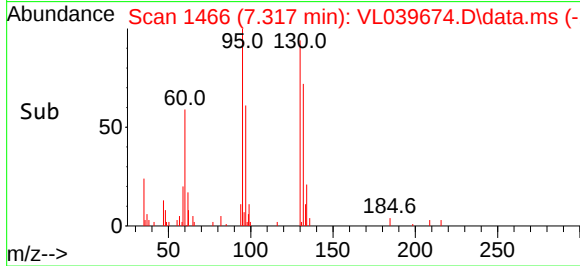
Instrument :
MSVOA_L
ClientSampleId :
C0PG4DL



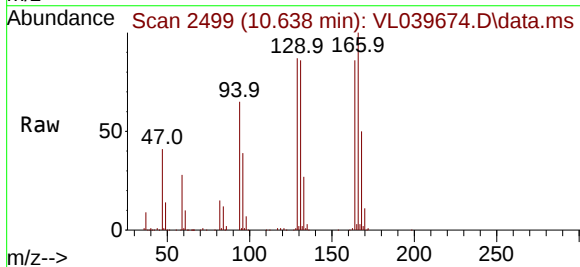
Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.8	87.3	130.9
132	76.3	76.7	115.1
97	65.0	56.5	84.7

Manual Integrations
APPROVED

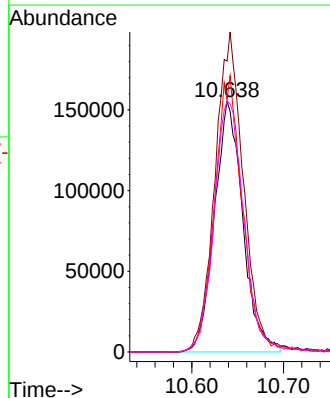
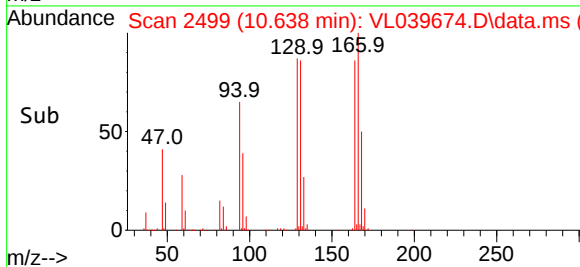
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

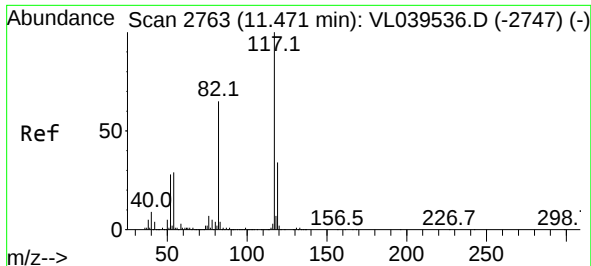


#52
Tetrachloroethene
Concen: 4.693 ppbv
RT: 10.638 min Scan# 2499
Delta R.T. 0.017 min
Lab File: VL039674.D
Acq: 22 Sep 2022 20:14



Tgt Ion	Ratio	Lower	Upper
164	100		
166	116.1	102.2	153.2
129	100.7	85.8	128.8
131	100.0	83.3	124.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.491 min Scan# 2199218

Delta R.T. 0.020 min

Lab File: VL039674.D

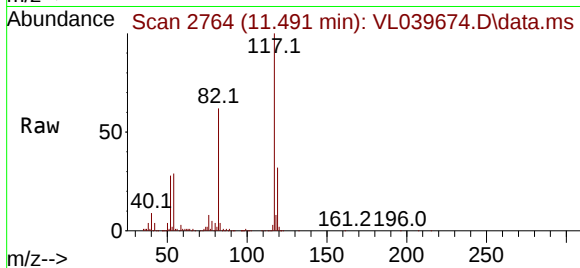
Acq: 22 Sep 2022 20:14

Instrument :

MSVOA_L

ClientSampleId :

C0PG4DL



Tgt Ion: 117 Resp: 2199218

Ion Ratio Lower Upper

117 100

82 64.9 50.8 76.2

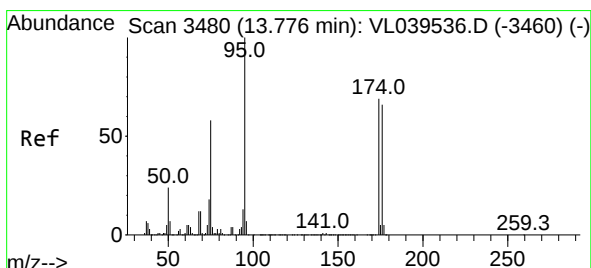
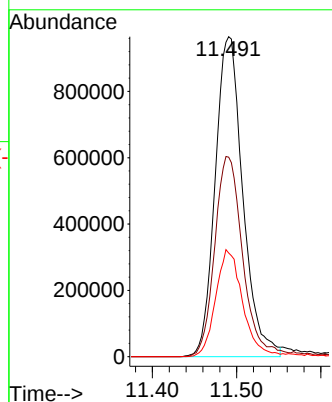
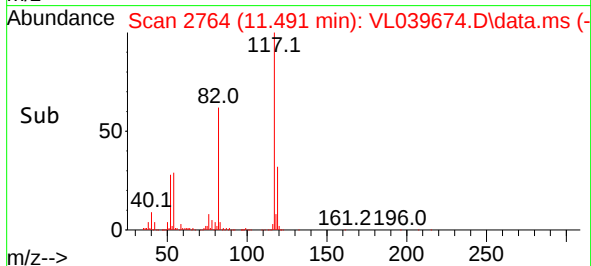
119 33.3 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.015 ppbv

RT: 13.799 min Scan# 3482

Delta R.T. 0.023 min

Lab File: VL039674.D

Acq: 22 Sep 2022 20:14

Tgt Ion: 95 Resp: 1644253

Ion Ratio Lower Upper

95 100

174 73.1 55.9 83.9

175 5.1 4.2 6.4

