

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039678.D
 Acq On : 23 Sep 2022 9:07
 Operator : SY/AP
 Sample : N4669-12DL 5X
 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 09:41:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 2022
 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	5.205	49	939453	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.665	114	2398949	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2187730	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1638622	10.034	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
2) Dichlorodifluoromethane	2.748	85	9890m	0.091	ppbv	Qvalue
11) Trichlorofluoromethane	3.584	101	7308	0.054	ppbv	84
13) Ethanol	3.260	45	429143	110.615	ppbv	68
15) Acetone	3.491	43	453655	4.340	ppbv	93
20) Methylene Chloride	3.954	84	422990	8.752	ppbv	94
38) Trichloroethene	7.308	130	41221m	0.416	ppbv	
52) Tetrachloroethene	10.626	164	663118	9.477	ppbv	96
53) Toluene	9.227	91	56056m	0.275	ppbv	

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

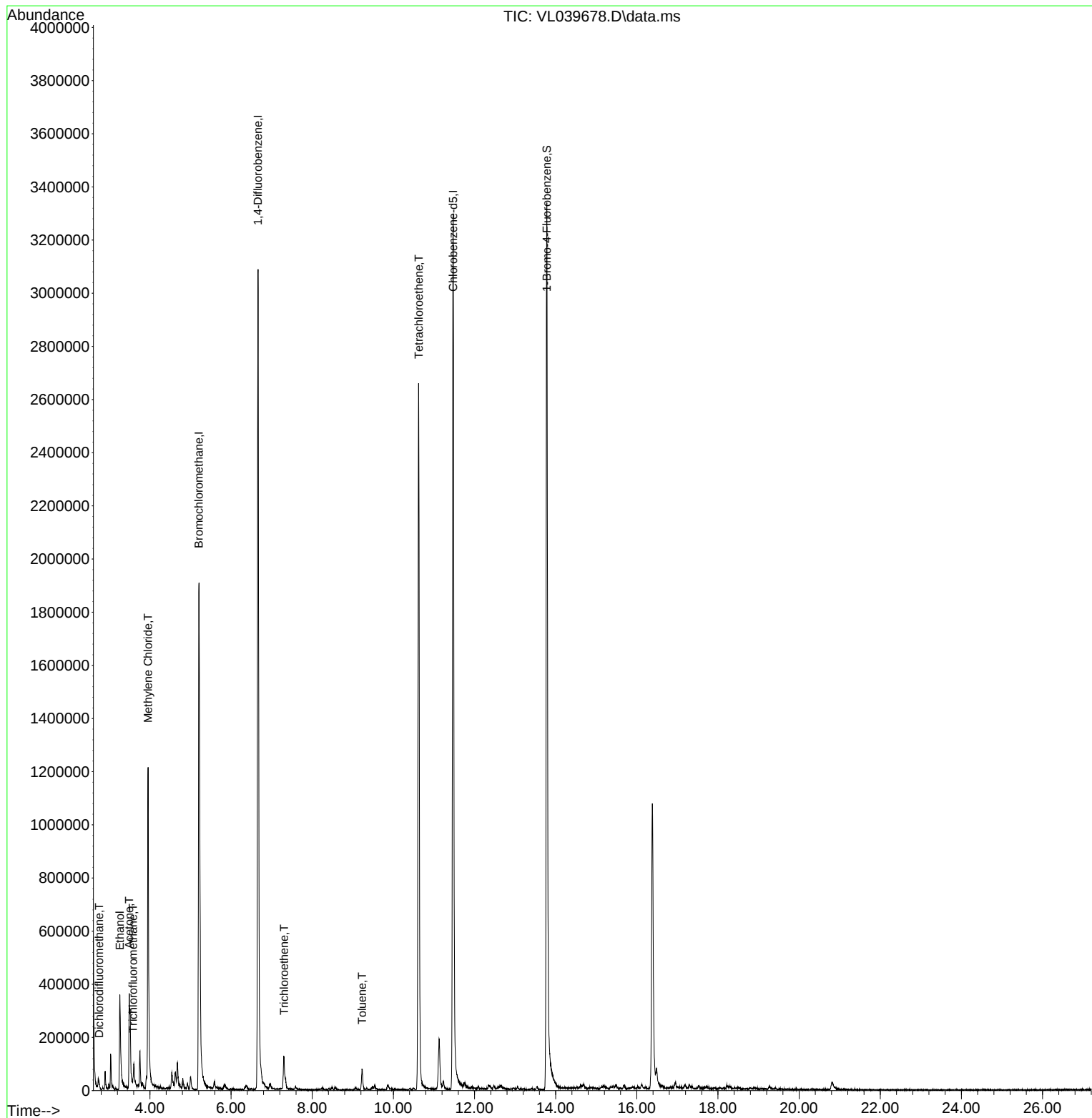
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
Data File : VL039678.D
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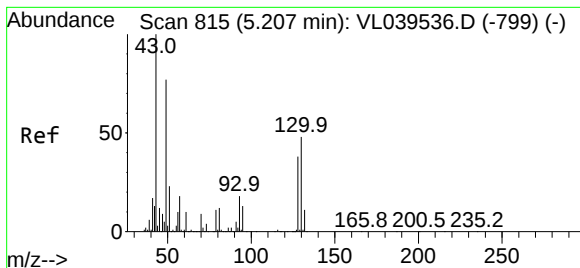
Instrument :
MSVOA_L
ClientSampleId :
C0PG4DL

Quant Time: Sep 23 09:41:02 2022
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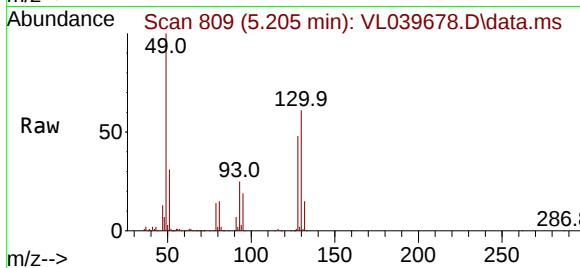
Reviewed By : Semsettin Yesilyurt 09/27/2022
Supervised By : Mahesh Dadoda 09/28/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.002 min
Lab File: VL039678.D
Acq: 23 Sep 2022 9:07

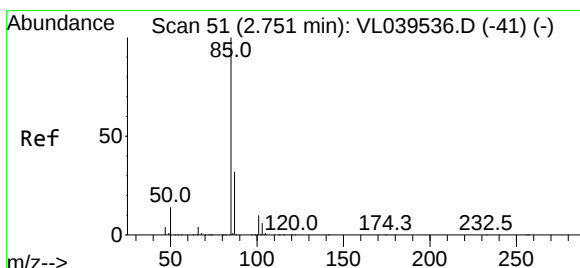
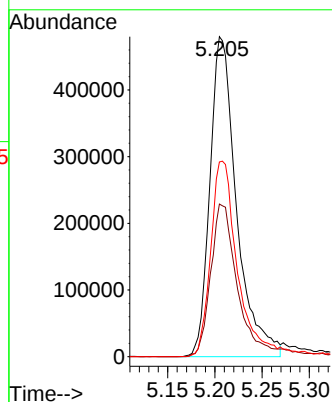
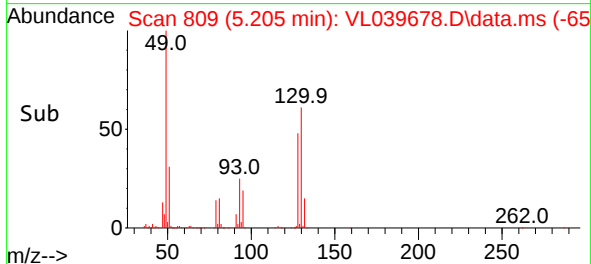
Instrument :
MSVOA_L
ClientSampleId :
C0PG4DL



Tgt Ion: 49 Resp: 93945
Ion Ratio Lower Upper
49 100
128 51.0 26.7 80.0
130 65.0 34.3 102.8

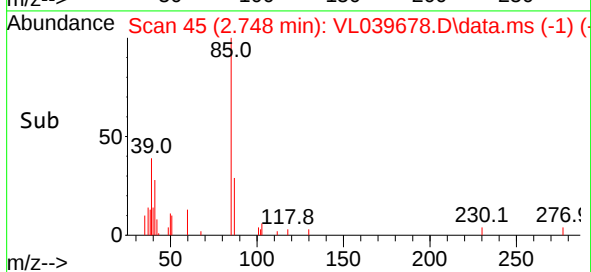
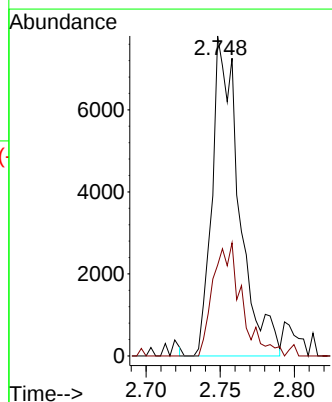
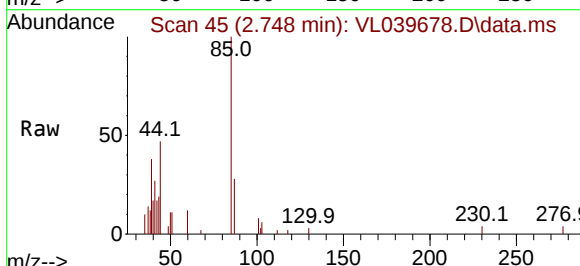
Manual Integrations
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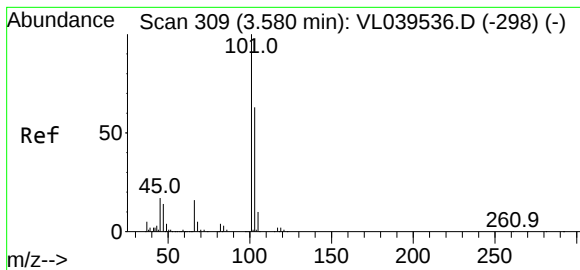
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#2
Dichlorodifluoromethane
Concen: 0.091 ppbv m
RT: 2.748 min Scan# 45
Delta R.T. -0.002 min
Lab File: VL039678.D
Acq: 23 Sep 2022 9:07

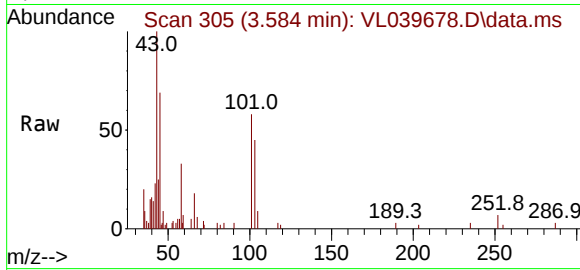
Tgt Ion: 85 Resp: 9890
Ion Ratio Lower Upper
85 100
87 28.4 26.7 40.1





#11
Trichlorofluoromethane
Concen: 0.054 ppbv
RT: 3.584 min Scan# 309
Delta R.T. 0.004 min
Lab File: VL039678.D
Acq: 23 Sep 2022 9:07

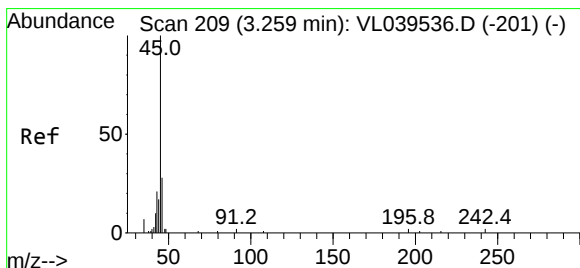
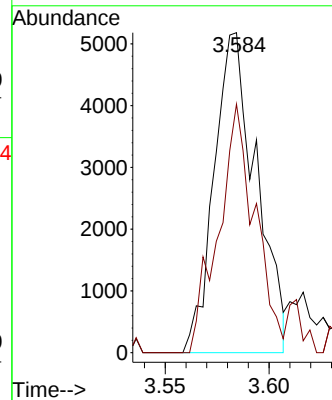
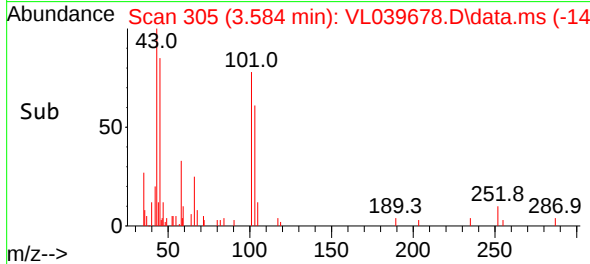
Instrument :
MSVOA_L
ClientSampleId :
C0PG4DL



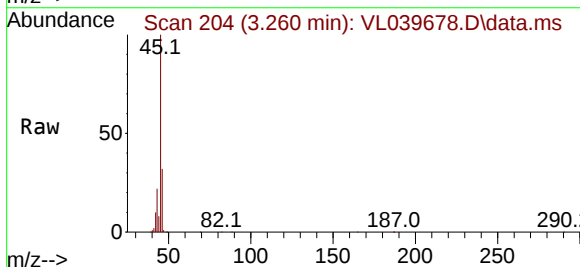
Tgt Ion:101 Resp: 7308
Ion Ratio Lower Upper
101 100
103 77.7 51.8 77.8

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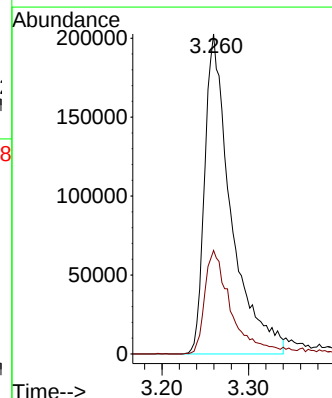
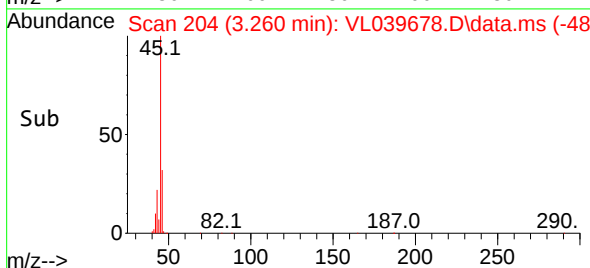
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

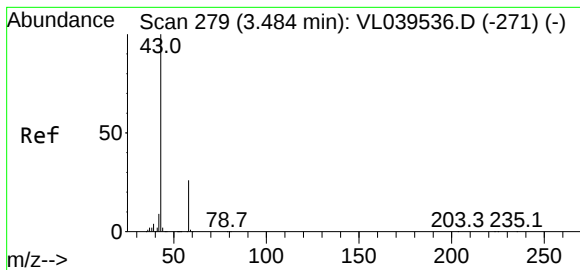


#13
Ethanol
Concen: 110.615 ppbv
RT: 3.260 min Scan# 204
Delta R.T. 0.001 min
Lab File: VL039678.D
Acq: 23 Sep 2022 9:07



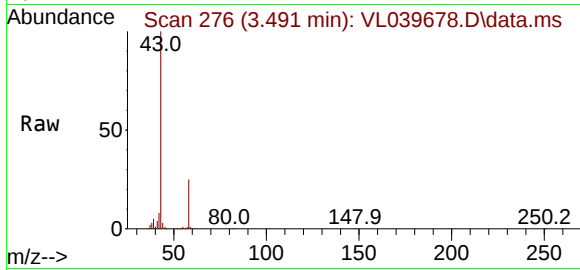
Tgt Ion: 45 Resp: 429143
Ion Ratio Lower Upper
45 100
46 33.1 22.8 91.2





#15
Acetone
Concen: 4.340 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039678.D
Acq: 23 Sep 2022 9:07

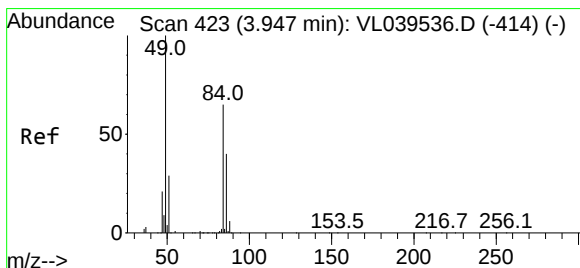
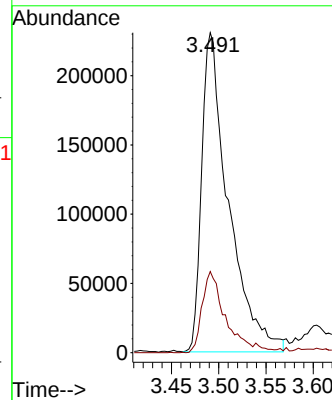
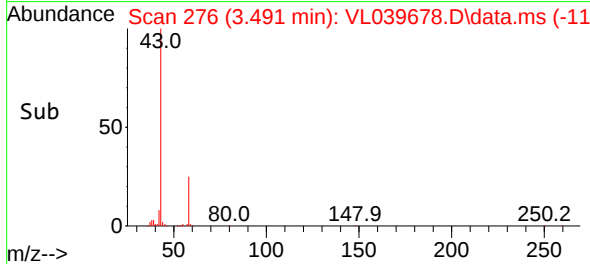
Instrument :
MSVOA_L
ClientSampleId :
C0PG4DL



Tgt Ion: 43 Resp: 45365
Ion Ratio Lower Upper
43 100
58 22.5 21.0 31.6

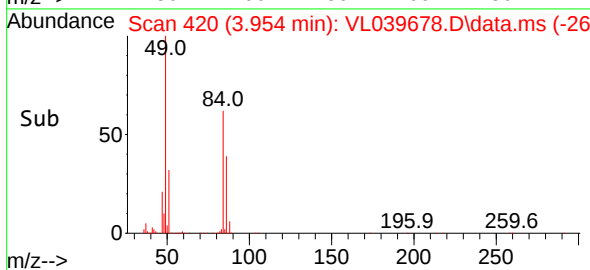
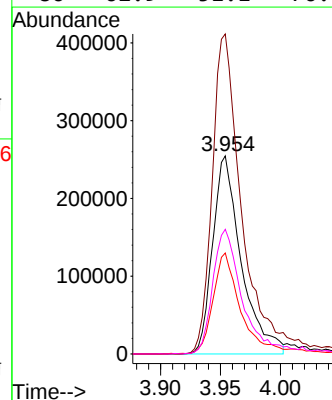
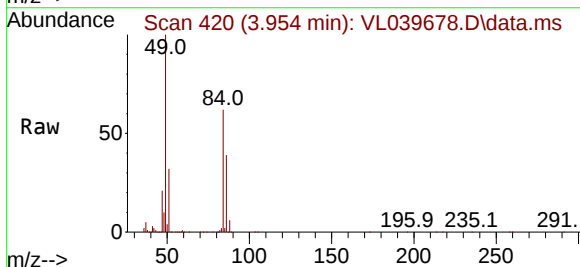
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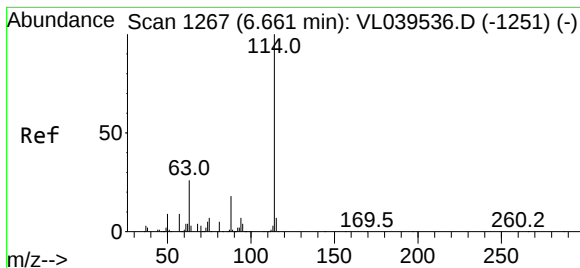
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#20
Methylene Chloride
Concen: 8.752 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039678.D
Acq: 23 Sep 2022 9:07

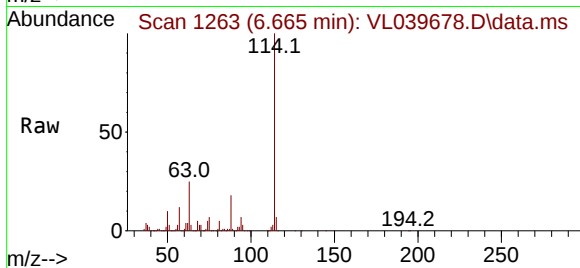
Tgt Ion: 84 Resp: 422990
Ion Ratio Lower Upper
84 100
49 161.4 123.1 184.7
51 50.6 34.4 51.6
86 62.9 51.1 76.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.665 min Scan# 1267
Delta R.T. 0.004 min
Lab File: VL039678.D
Acq: 23 Sep 2022 9:07

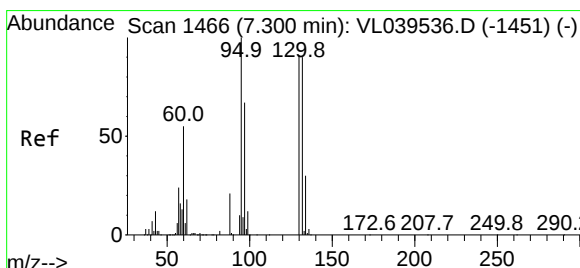
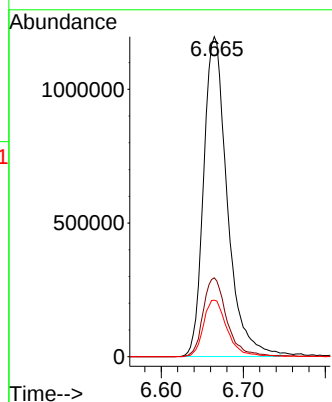
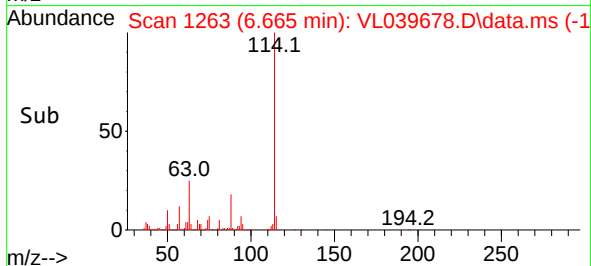
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ClientSampleId :
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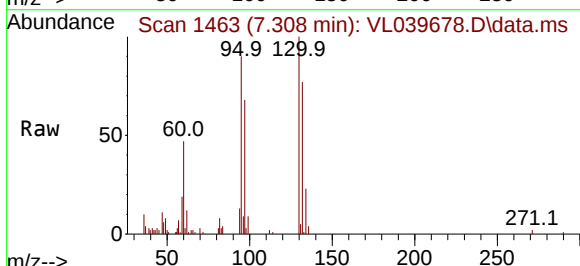
Tgt Ion:114 Resp: 2398949
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 17.9 14.5 21.7

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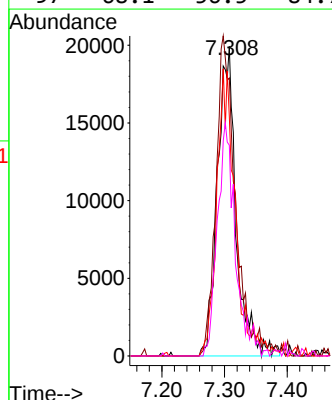
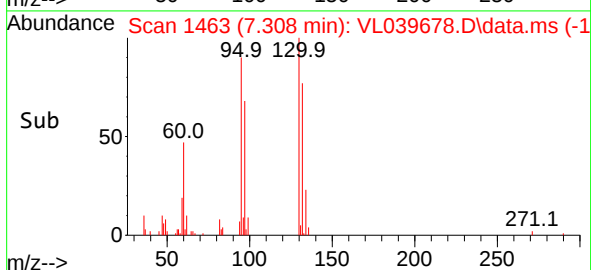
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

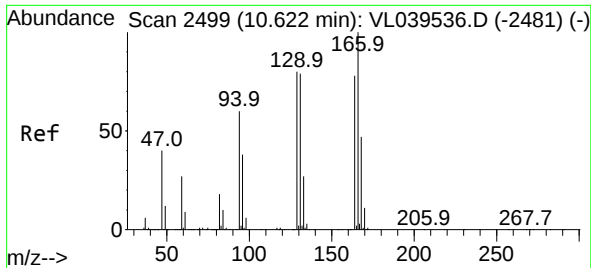


#38
Trichloroethene
Concen: 0.416 ppbv m
RT: 7.308 min Scan# 1463
Delta R.T. 0.007 min
Lab File: VL039678.D
Acq: 23 Sep 2022 9:07



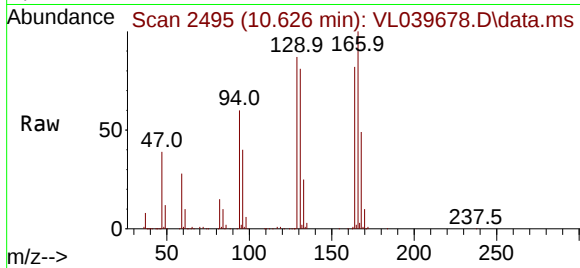
Tgt Ion:130 Resp: 41221
Ion Ratio Lower Upper
130 100
95 89.8 87.3 130.9
132 77.4 76.7 115.1
97 68.1 56.5 84.7





#52
Tetrachloroethene
Concen: 9.477 ppbv
RT: 10.626 min Scan# 2499
Delta R.T. 0.004 min
Lab File: VL039678.D
Acq: 23 Sep 2022 9:07

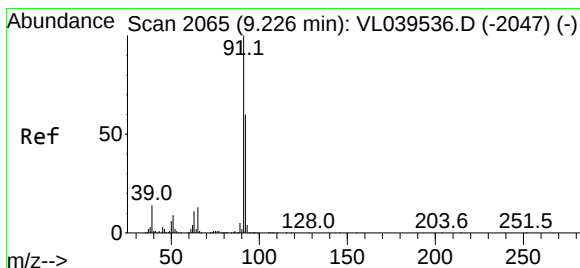
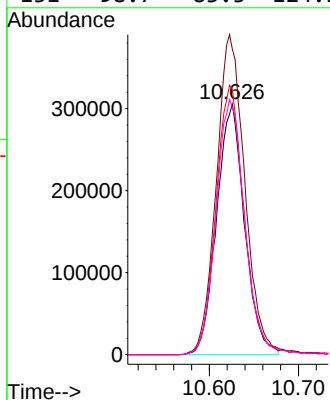
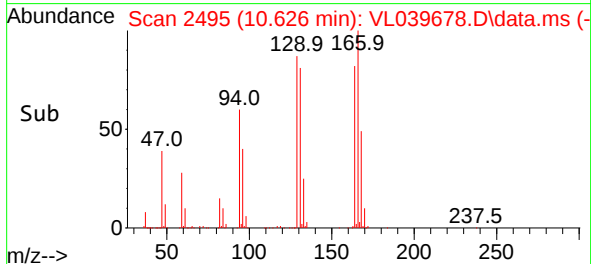
Instrument :
MSVOA_L
ClientSampleId :
C0PG4DL



Tgt Ion:164 Resp: 663118
Ion Ratio Lower Upper
164 100
166 122.1 102.2 153.2
129 105.9 85.8 128.8
131 98.7 83.3 124.9

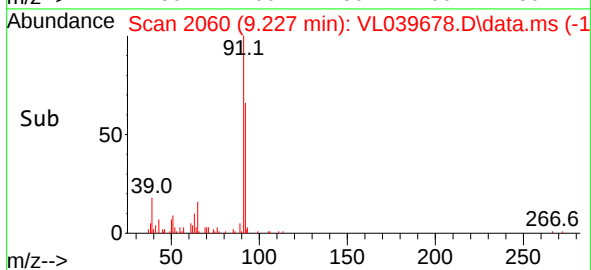
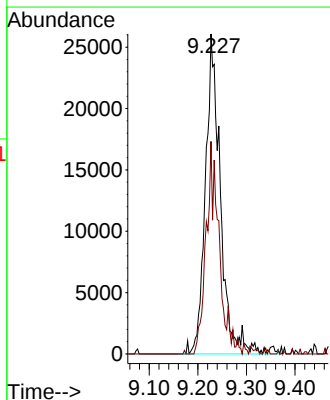
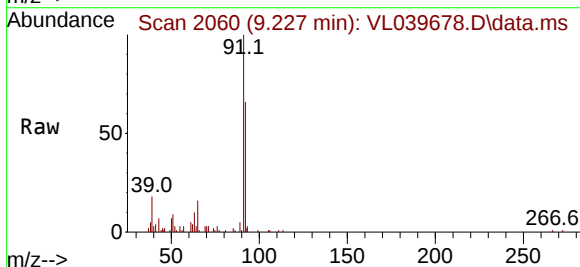
Manual Integrations
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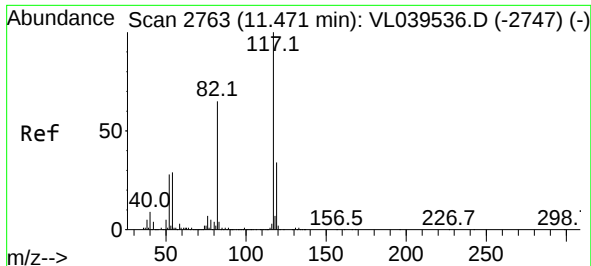
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#53
Toluene
Concen: 0.275 ppbv m
RT: 9.227 min Scan# 2060
Delta R.T. 0.001 min
Lab File: VL039678.D
Acq: 23 Sep 2022 9:07

Tgt Ion: 91 Resp: 56056
Ion Ratio Lower Upper
91 100
92 57.8 48.2 72.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 21

Delta R.T. 0.004 min

Lab File: VL039678.D

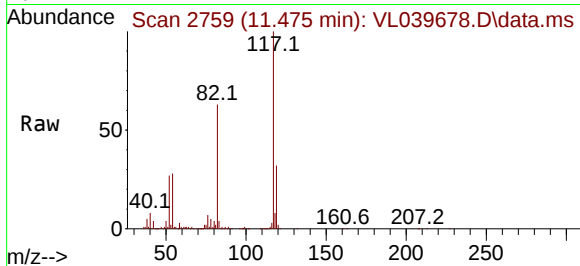
Acq: 23 Sep 2022 9:07

Instrument :

MSVOA_L

ClientSampleId :

C0PG4DL



Tgt Ion: 117 Resp: 2187730

Ion Ratio Lower Upper

117 100

82 64.9 50.8 76.2

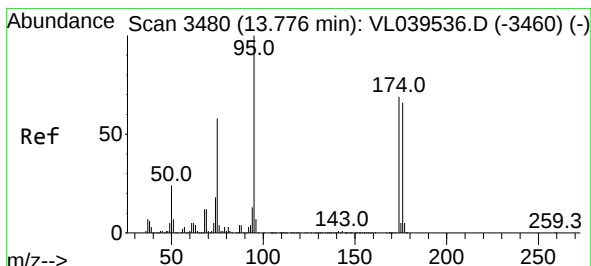
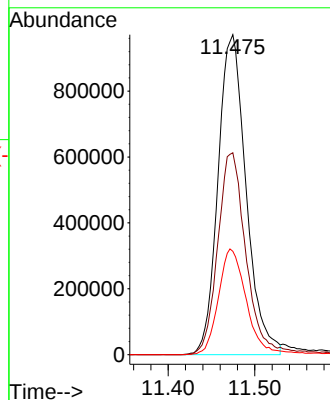
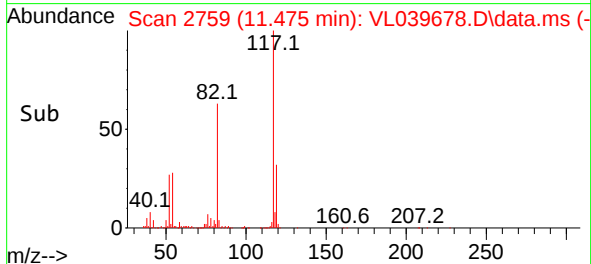
119 33.8 24.1 36.1

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 09/28/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.034 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. 0.004 min

Lab File: VL039678.D

Acq: 23 Sep 2022 9:07

Tgt Ion: 95 Resp: 1638622

Ion Ratio Lower Upper

95 100

174 72.4 55.9 83.9

175 5.4 4.2 6.4

