

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039662.D
 Acq On : 22 Sep 2022 8:50
 Operator : SY/AP
 Sample : N4669-11DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG3DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 10:09:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.227	49	1008307	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.687	114	2658686	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.500	117	2404649	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.806	95	1823155	10.156	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						
2) Dichlorodifluoromethane	2.768	85	4752	0.041	ppbv	95
13) Ethanol	3.276	45	256161m	61.519	ppbv	
15) Acetone	3.510	43	252556	2.251	ppbv	94
20) Methylene Chloride	3.970	84	48847	0.942	ppbv	98
26) Hexane	5.250	57	35412	0.341	ppbv #	53
38) Trichloroethene	7.324	130	110488	1.006	ppbv	96
52) Tetrachloroethene	10.645	164	638170	8.229	ppbv	97
53) Toluene	9.253	91	25994m	0.115	ppbv	

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

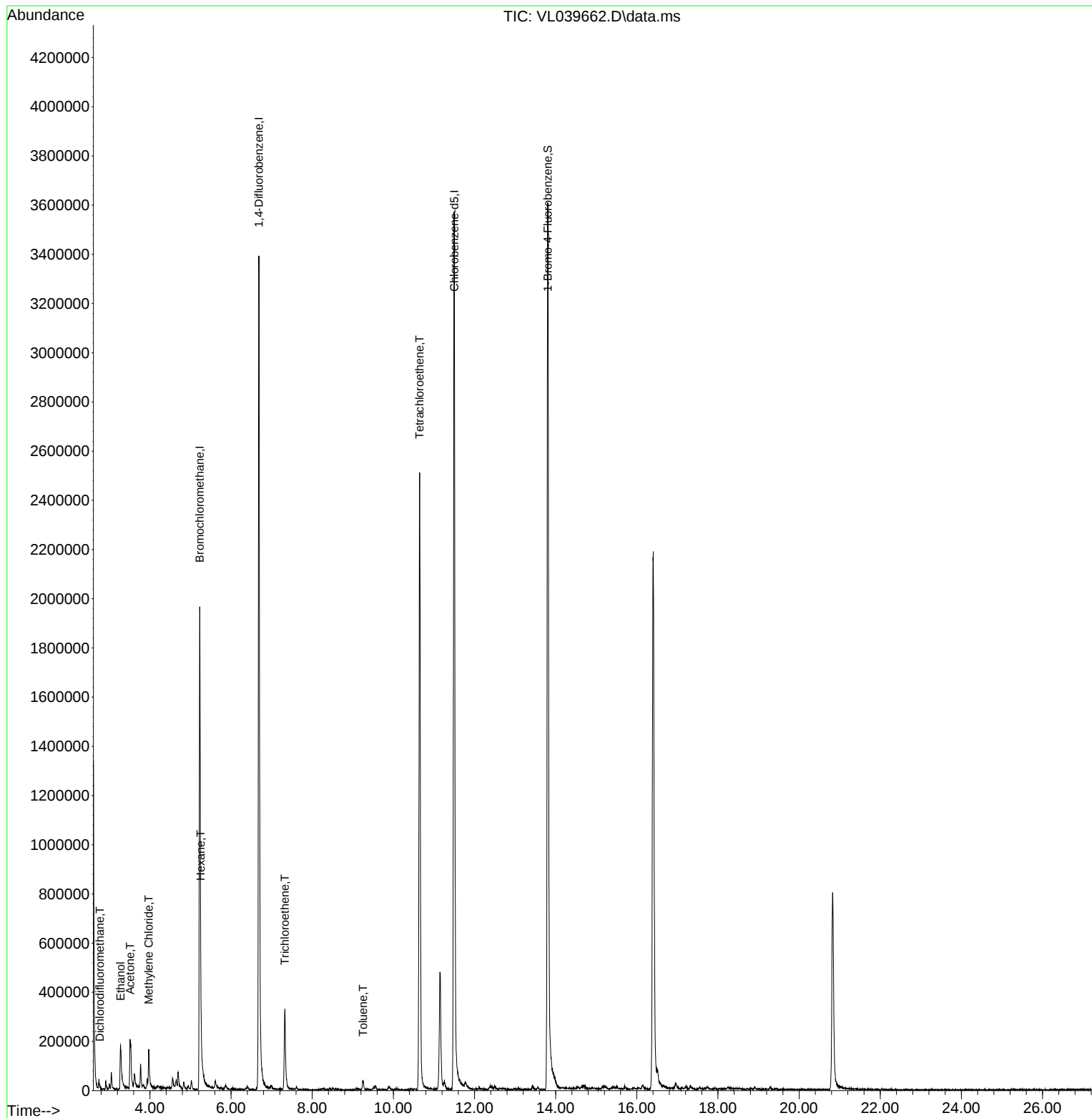
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
Data File : VL039662.D
Acq On : 22 Sep 2022 8:50
Operator : SY/AP
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Misc : 400mL/MSVOA_L
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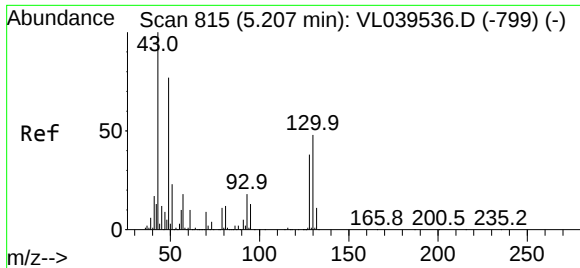
Instrument :
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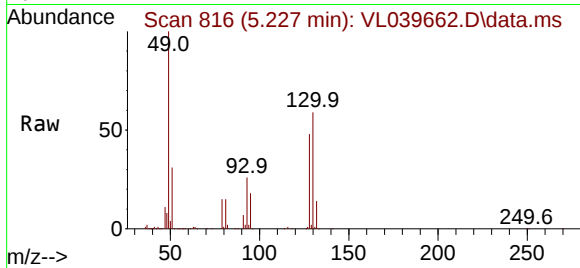
Quant Time: Sep 22 10:09:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 815
Delta R.T. 0.020 min
Lab File: VL039662.D
Acq: 22 Sep 2022 8:50

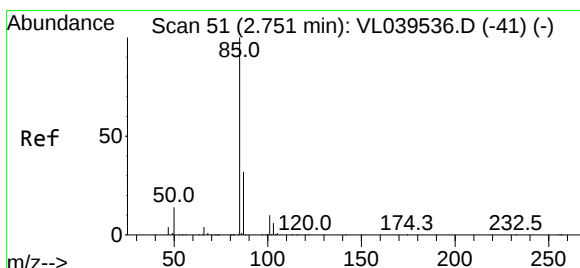
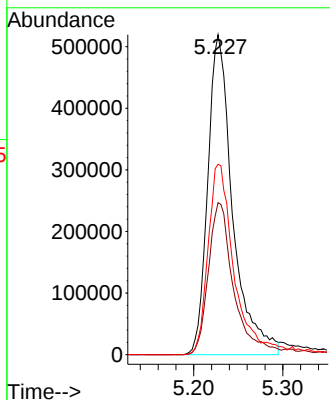
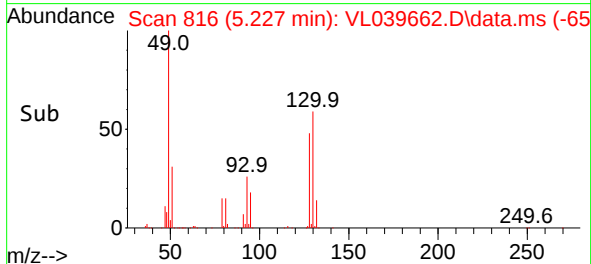
Instrument :
MSVOA_L
ClientSampleId :
C0PG3DL



Tgt Ion: 49 Resp: 100830
Ion Ratio Lower Upper
49 100
128 50.5 26.7 80.0
130 64.6 34.3 102.8

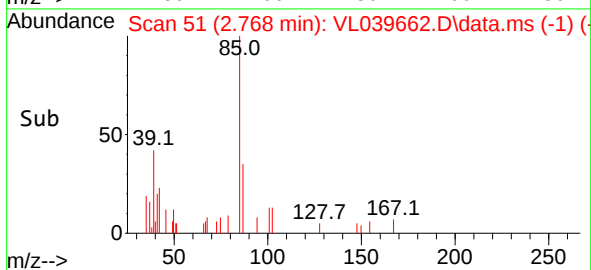
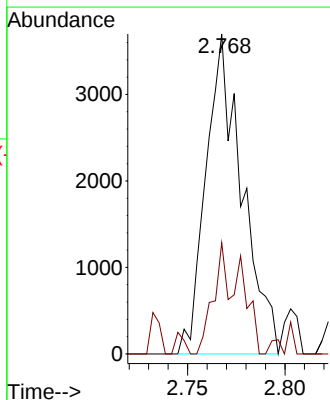
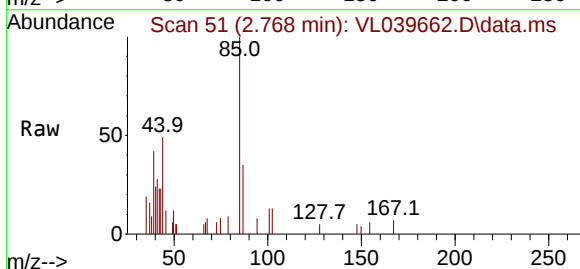
Manual Integrations
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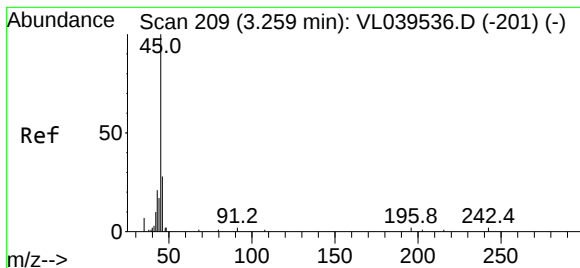
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#2
Dichlorodifluoromethane
Concen: 0.041 ppbv
RT: 2.768 min Scan# 51
Delta R.T. 0.017 min
Lab File: VL039662.D
Acq: 22 Sep 2022 8:50

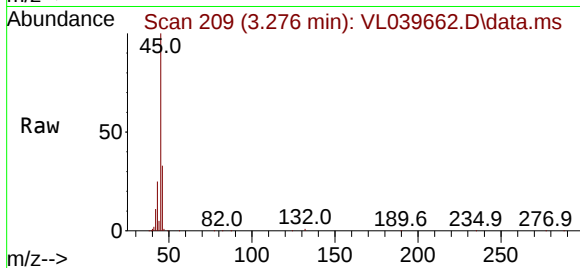
Tgt Ion: 85 Resp: 4752
Ion Ratio Lower Upper
85 100
87 30.3 26.7 40.1





#13
Ethanol
Concen: 61.519 ppbv m
RT: 3.276 min Scan# 209
Delta R.T. 0.017 min
Lab File: VL039662.D
Acq: 22 Sep 2022 8:50

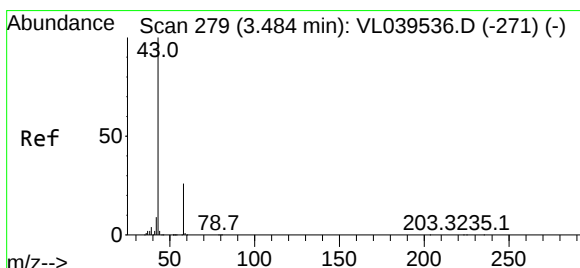
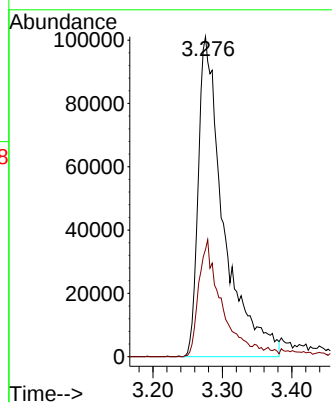
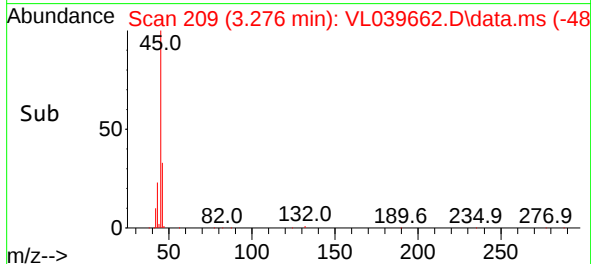
Instrument :
MSVOA_L
ClientSampleId :
C0PG3DL



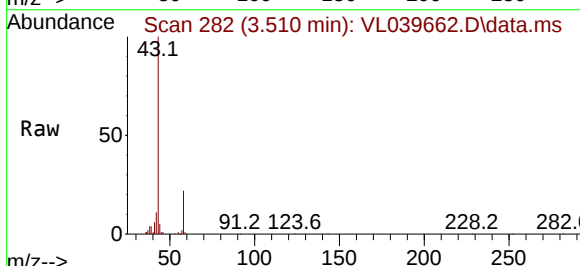
Tgt Ion: 45 Resp: 25616
Ion Ratio Lower Upper
45 100
46 36.1 22.8 91.2

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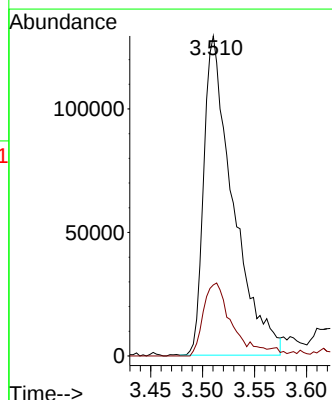
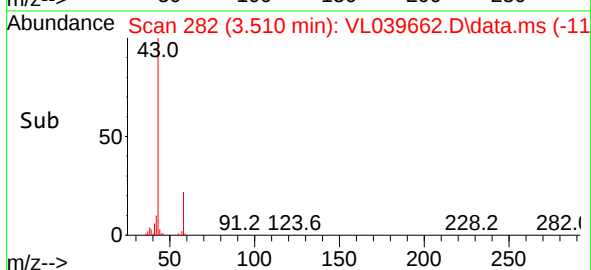
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

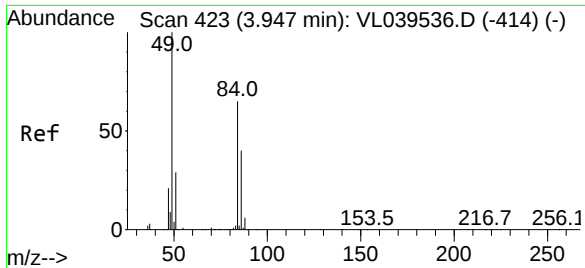


#15
Acetone
Concen: 2.251 ppbv
RT: 3.510 min Scan# 282
Delta R.T. 0.026 min
Lab File: VL039662.D
Acq: 22 Sep 2022 8:50



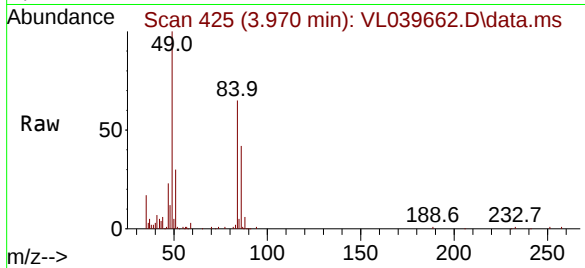
Tgt Ion: 43 Resp: 252556
Ion Ratio Lower Upper
43 100
58 23.1 21.0 31.6





#20
Methylene Chloride
Concen: 0.942 ppbv
RT: 3.970 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL039662.D
Acq: 22 Sep 2022 8:50

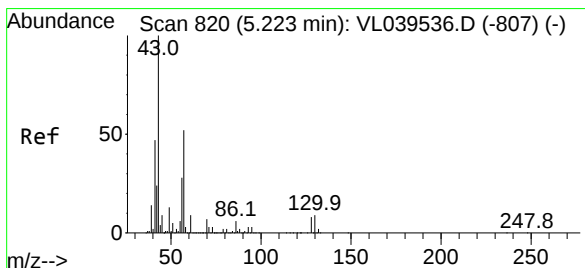
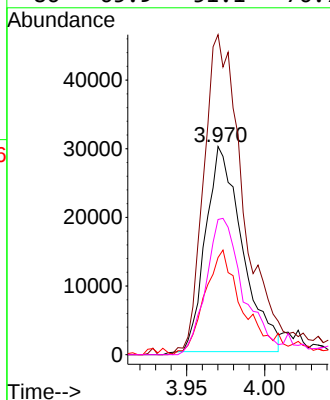
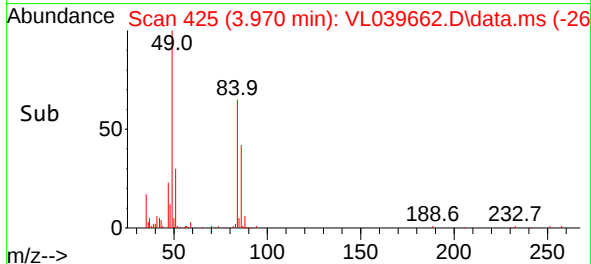
Instrument :
MSVOA_L
ClientSampleId :
C0PG3DL



Tgt Ion: 84 Resp: 4884
Ion Ratio Lower Upper
84 100
49 152.5 123.1 184.7
51 45.7 34.4 51.6
86 65.9 51.1 76.7

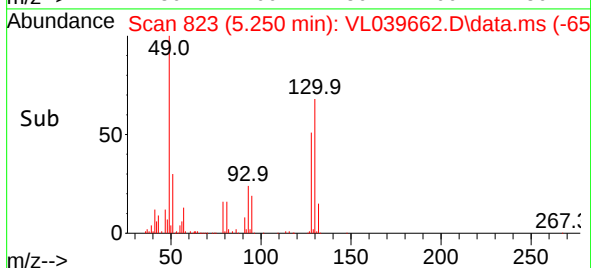
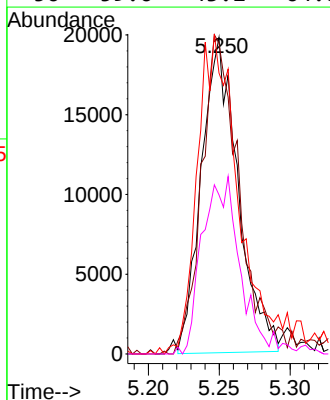
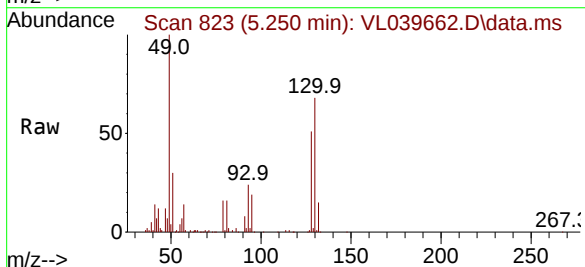
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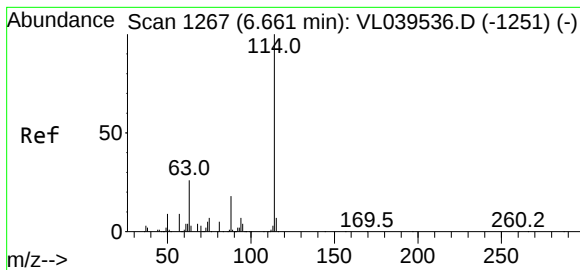
Reviewed By :Krupa Patel 09/28/2022
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#26
Hexane
Concen: 0.341 ppbv
RT: 5.250 min Scan# 823
Delta R.T. 0.026 min
Lab File: VL039662.D
Acq: 22 Sep 2022 8:50

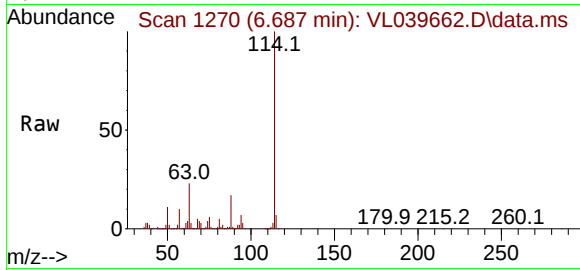
Tgt Ion: 57 Resp: 35412
Ion Ratio Lower Upper
57 100
41 108.7 76.9 115.3
43 122.0 191.0 286.6#
56 59.6 43.2 64.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.687 min Scan# 114
Delta R.T. 0.026 min
Lab File: VL039662.D
Acq: 22 Sep 2022 8:50

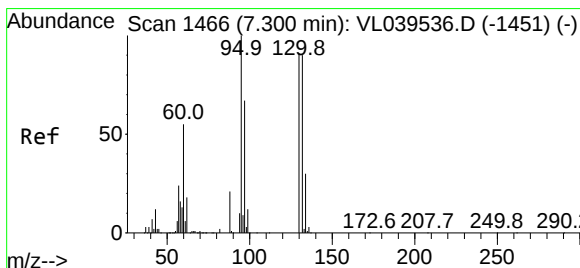
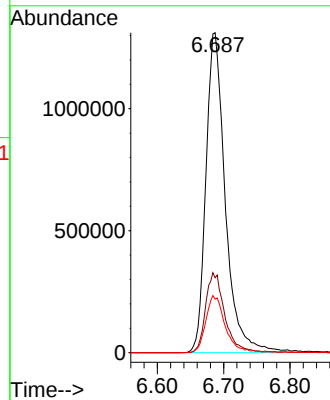
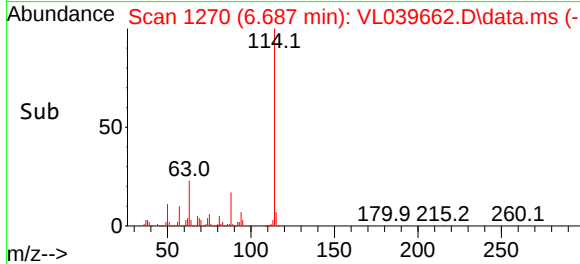
Instrument :
MSVOA_L
ClientSampleId :
C0PG3DL



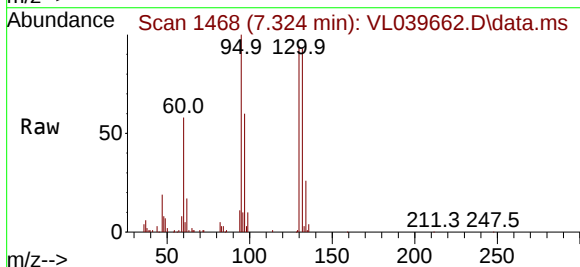
Tgt Ion:114 Resp: 265868
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.4
88 18.1 14.5 21.7

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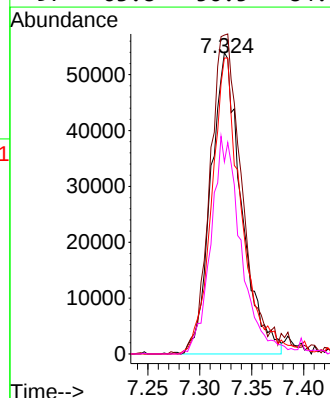
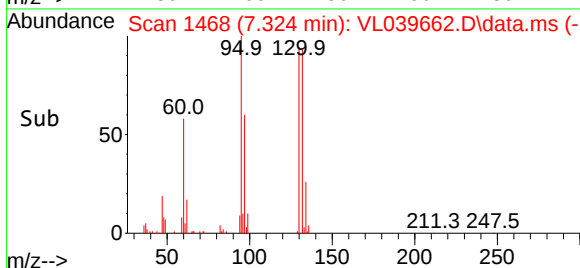
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

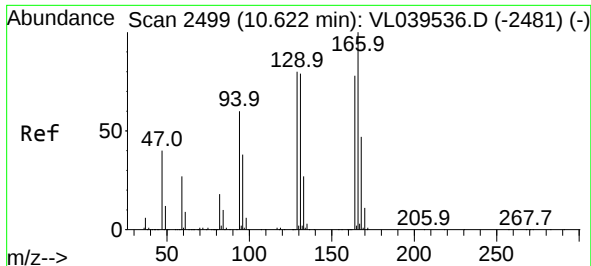


#38
Trichloroethene
Concen: 1.006 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.023 min
Lab File: VL039662.D
Acq: 22 Sep 2022 8:50



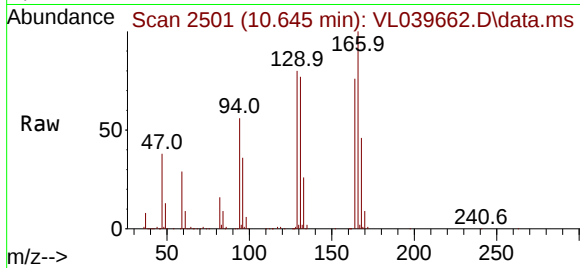
Tgt Ion:130 Resp: 110488
Ion Ratio Lower Upper
130 100
95 105.8 87.3 130.9
132 97.8 76.7 115.1
97 63.8 56.5 84.7





#52
Tetrachloroethene
Concen: 8.229 ppbv
RT: 10.645 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL039662.D
Acq: 22 Sep 2022 8:50

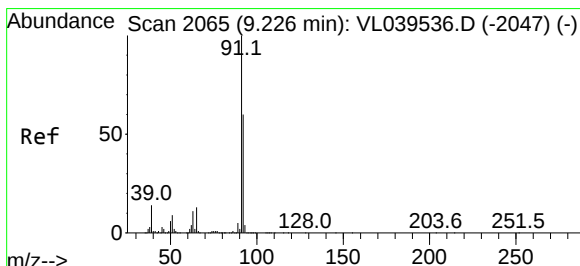
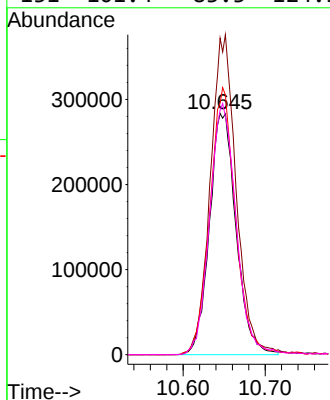
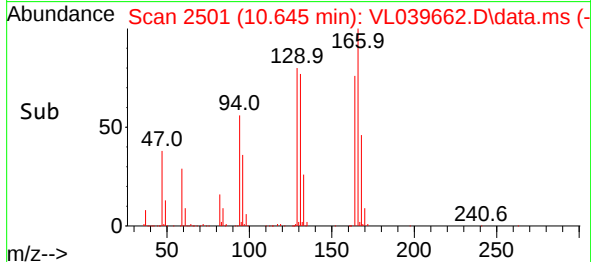
Instrument :
MSVOA_L
ClientSampleId :
C0PG3DL



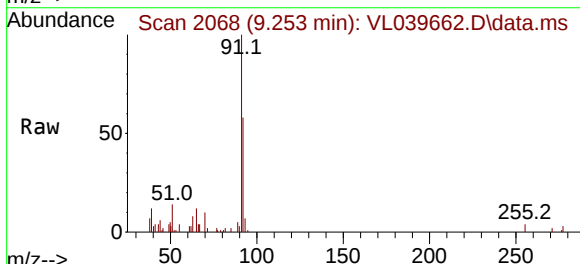
Tgt Ion:164 Resp: 638170
Ion Ratio Lower Upper
164 100
166 131.1 102.2 153.2
129 104.3 85.8 128.8
131 101.4 83.3 124.9

Manual Integrations
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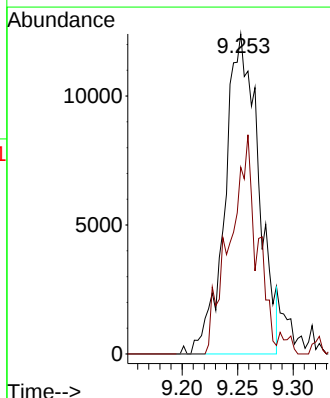
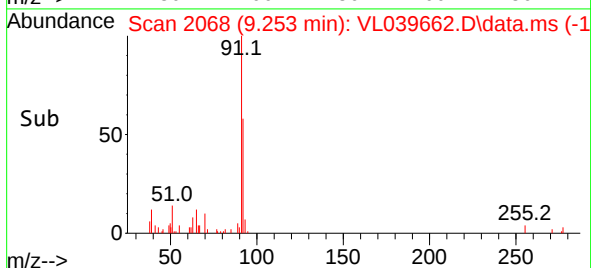
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Supervised By :Mahesh Dadoda 09/28/2022

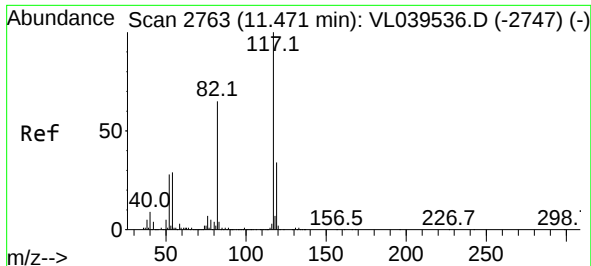


#53
Toluene
Concen: 0.115 ppbv m
RT: 9.253 min Scan# 2068
Delta R.T. 0.026 min
Lab File: VL039662.D
Acq: 22 Sep 2022 8:50



Tgt Ion: 91 Resp: 25994
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.500 min Scan# 21

Delta R.T. 0.030 min

Lab File: VL039662.D

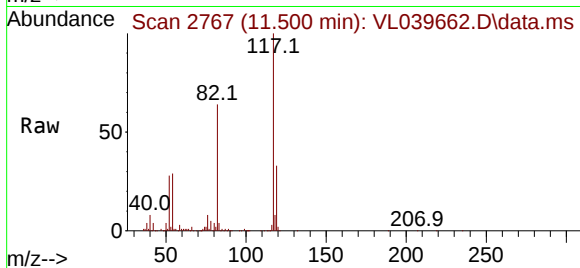
Acq: 22 Sep 2022 8:50

Instrument :

MSVOA_L

ClientSampleId :

C0PG3DL



Tgt Ion: 117 Resp: 2404649

Ion Ratio Lower Upper

117 100

82 64.5 50.8 76.2

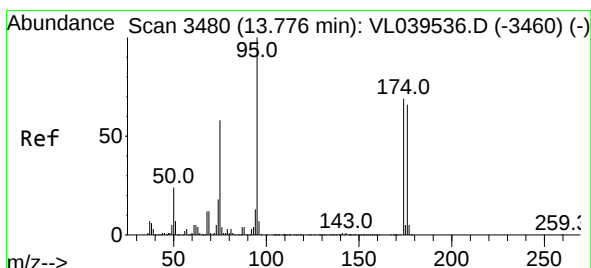
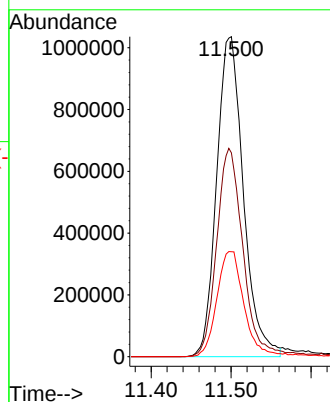
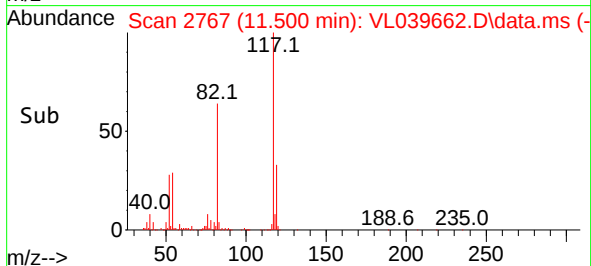
119 34.0 24.1 36.1

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 09/28/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.156 ppbv

RT: 13.806 min Scan# 3484

Delta R.T. 0.030 min

Lab File: VL039662.D

Acq: 22 Sep 2022 8:50

Tgt Ion: 95 Resp: 1823155

Ion Ratio Lower Upper

95 100

174 71.3 55.9 83.9

175 5.4 4.2 6.4

