

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039658.D
 Acq On : 22 Sep 2022 6:12
 Operator : SY/AP
 Sample : N4669-09DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG1DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 08:28:05 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	5.224	49	1079116	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.684	114	2706041	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.494	117	2444601	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1838700	10.076	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.768	85	6803m	0.054	ppbv	
3) Chlorodifluoromethane	2.716	51	7065	0.055	ppbv	# 80
13) Ethanol	3.272	45	184969m	41.507	ppbv	
15) Acetone	3.510	43	217938	1.815	ppbv	98
20) Methylene Chloride	3.967	84	30017	0.541	ppbv	85
38) Trichloroethene	7.320	130	71085	0.636	ppbv	91
52) Tetrachloroethene	10.648	164	645697	8.181	ppbv	92
53) Toluene	9.256	91	17300	0.075	ppbv	88

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

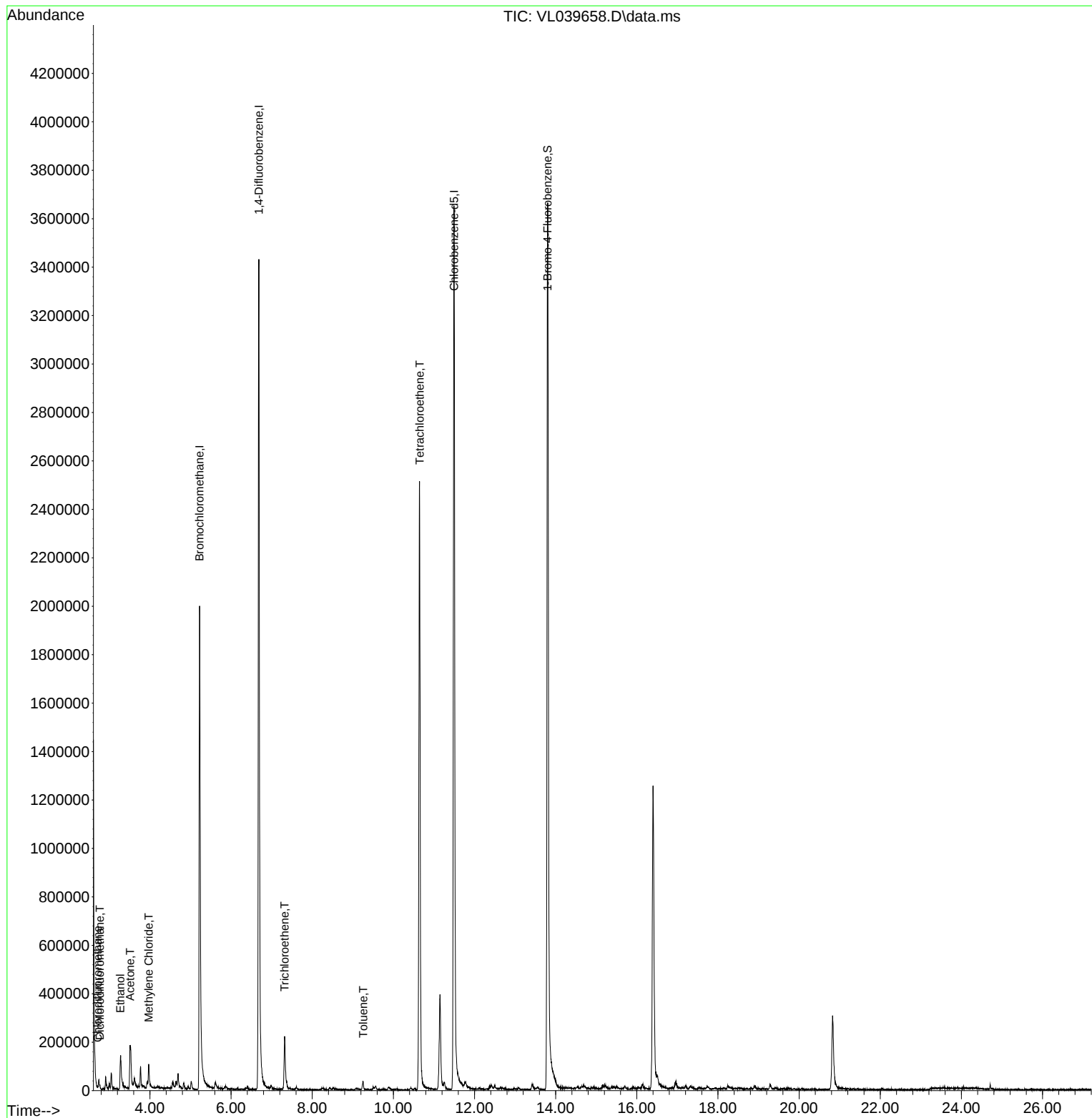
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
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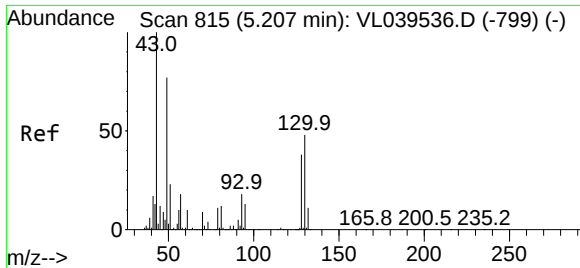
Instrument :
MSVOA_L
ClientSampleId :
C0PG1DL

Quant Time: Sep 22 08:28:05 2022
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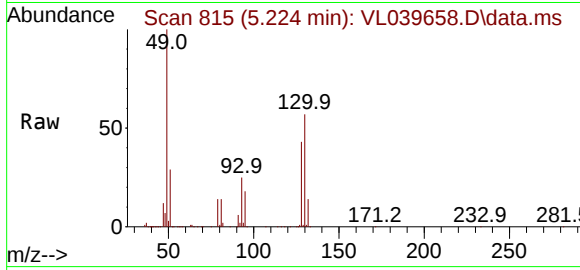
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.017 min
Lab File: VL039658.D
Acq: 22 Sep 2022 6:12

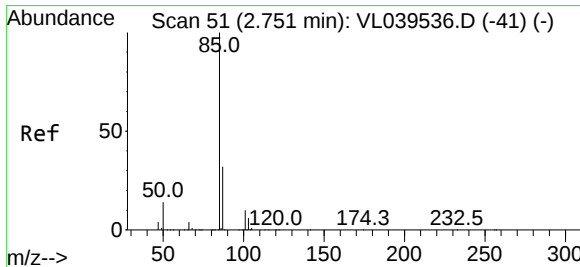
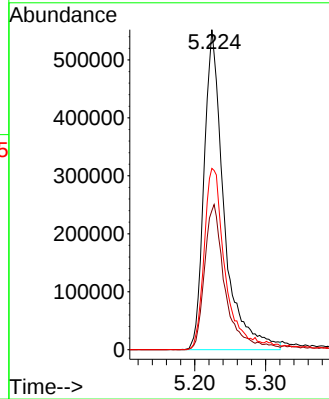
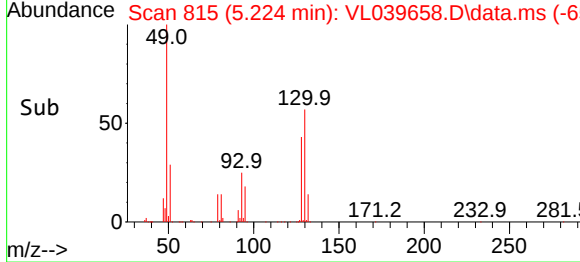
Instrument :
MSVOA_L
ClientSampleId :
C0PG1DL



Tgt Ion: 49 Resp: 1079110
Ion Ratio Lower Upper
49 100
128 48.6 26.7 80.0
130 62.4 34.3 102.8

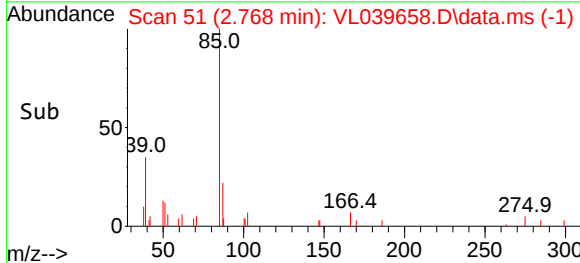
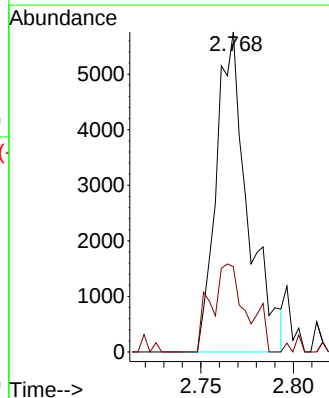
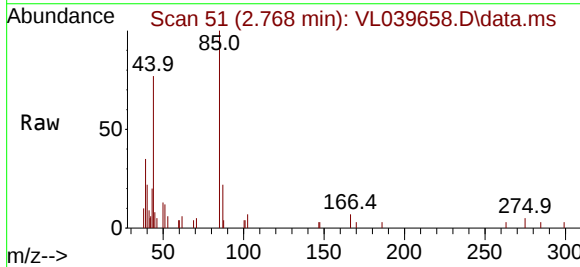
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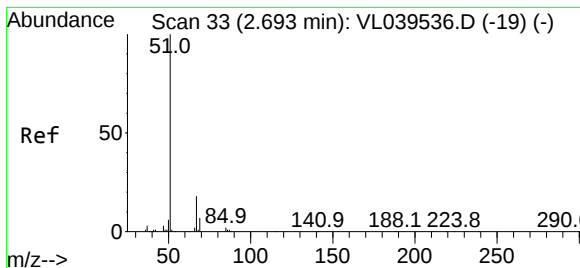
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#2
Dichlorodifluoromethane
Concen: 0.054 ppbv m
RT: 2.768 min Scan# 51
Delta R.T. 0.017 min
Lab File: VL039658.D
Acq: 22 Sep 2022 6:12

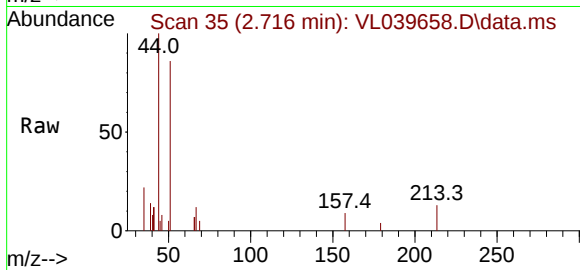
Tgt Ion: 85 Resp: 6803
Ion Ratio Lower Upper
85 100
87 22.3 26.7 40.1#





#3
Chlorodifluoromethane
Concen: 0.055 ppbv
RT: 2.716 min Scan# 30
Delta R.T. 0.023 min
Lab File: VL039658.D
Acq: 22 Sep 2022 6:12

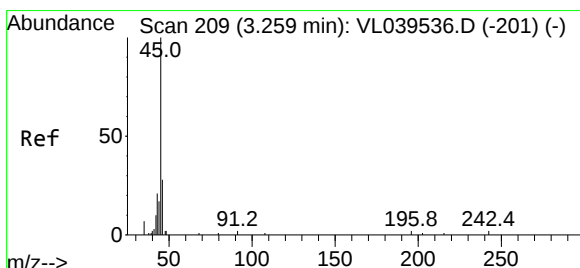
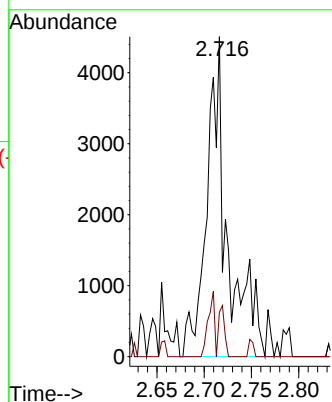
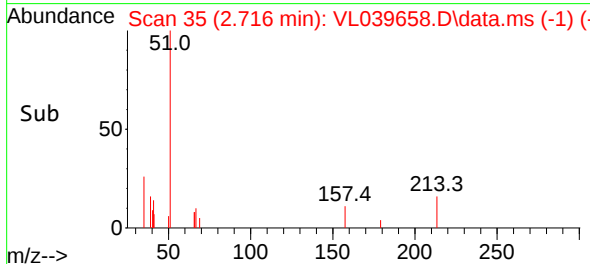
Instrument :
MSVOA_L
ClientSampleId :
C0PG1DL



Tgt Ion: 51 Resp: 706
Ion Ratio Lower Upper
51 100
67 10.4 15.7 23.5

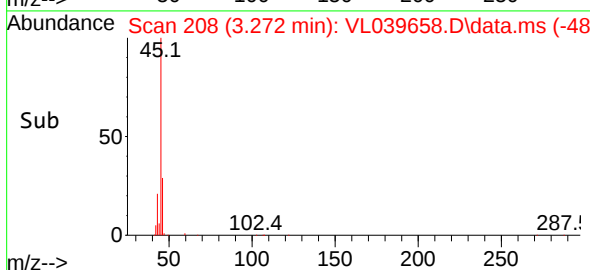
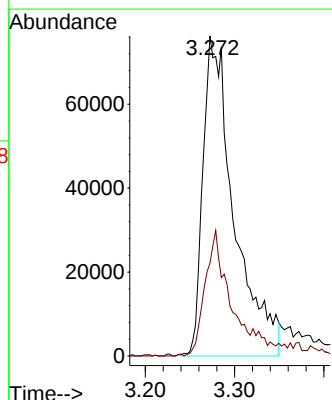
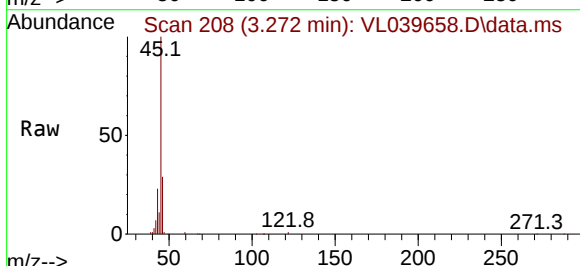
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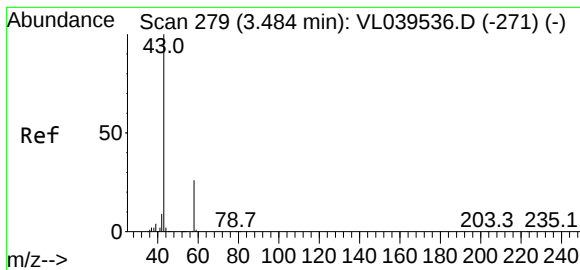
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#13
Ethanol
Concen: 41.507 ppbv m
RT: 3.272 min Scan# 208
Delta R.T. 0.014 min
Lab File: VL039658.D
Acq: 22 Sep 2022 6:12

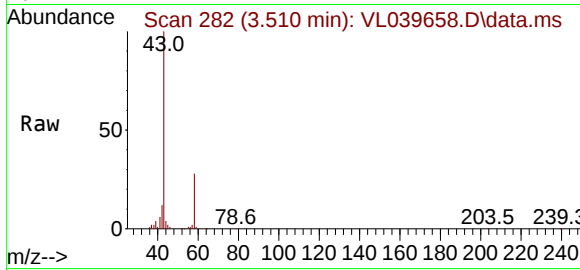
Tgt Ion: 45 Resp: 184969
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#





#15
Acetone
Concen: 1.815 ppbv
RT: 3.510 min Scan# 217938
Delta R.T. 0.026 min
Lab File: VL039658.D
Acq: 22 Sep 2022 6:12

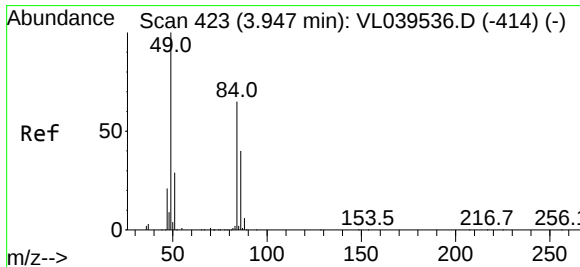
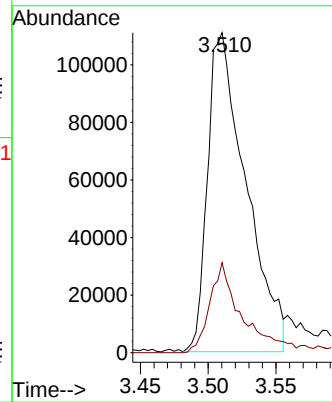
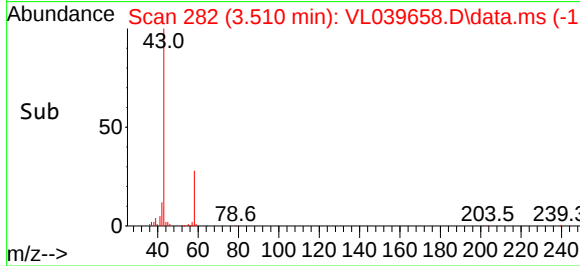
Instrument :
MSVOA_L
ClientSampleId :
C0PG1DL



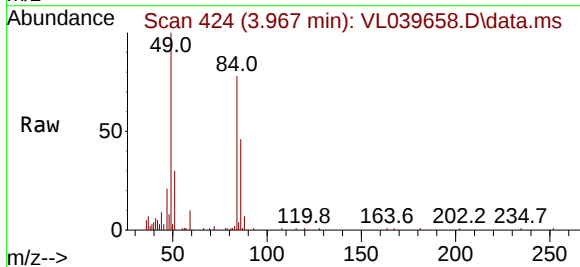
Tgt Ion: 43 Resp: 217938
Ion Ratio Lower Upper
43 100
58 27.4 21.0 31.6

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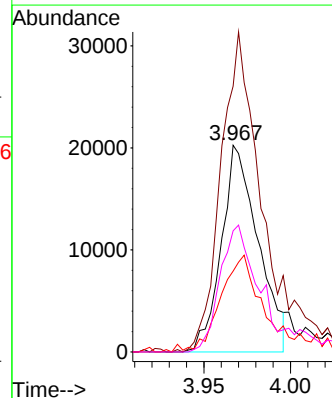
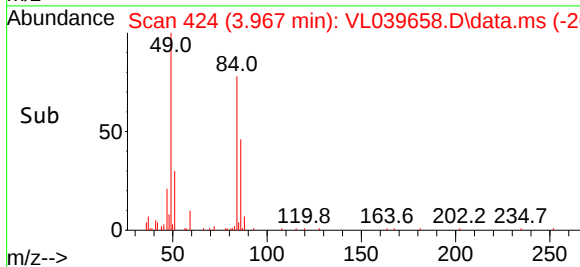
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

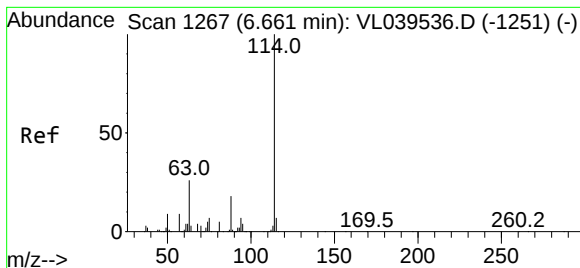


#20
Methylene Chloride
Concen: 0.541 ppbv
RT: 3.967 min Scan# 424
Delta R.T. 0.020 min
Lab File: VL039658.D
Acq: 22 Sep 2022 6:12



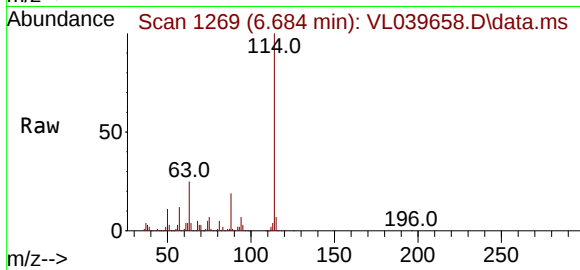
Tgt Ion: 84 Resp: 30017
Ion Ratio Lower Upper
84 100
49 128.5 123.1 184.7
51 38.2 34.4 51.6
86 58.6 51.1 76.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.684 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL039658.D
Acq: 22 Sep 2022 6:12

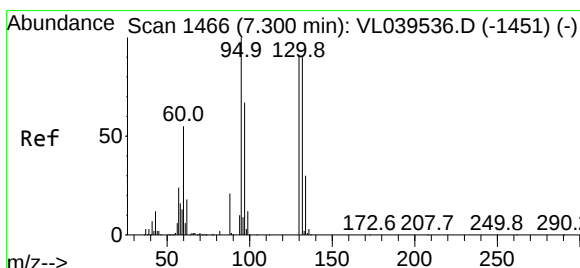
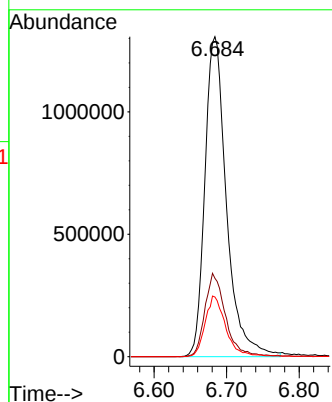
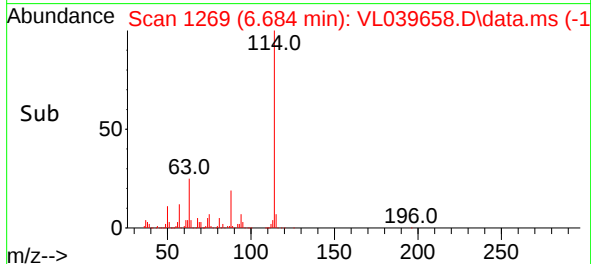
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MSVOA_L
ClientSampleId :
C0PG1DL



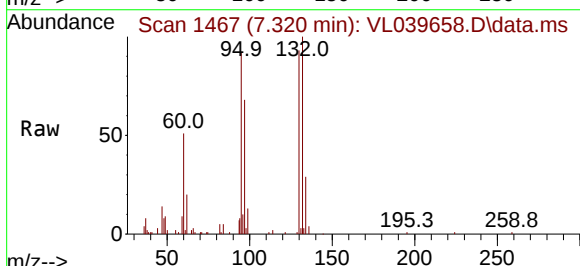
Tgt Ion:114 Resp: 270604
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.4
88 18.3 14.5 21.7

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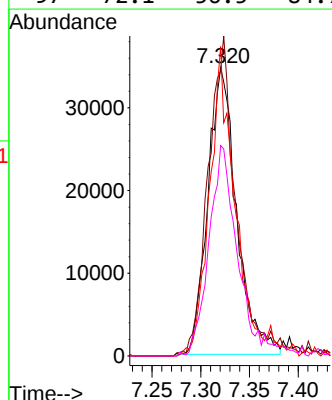
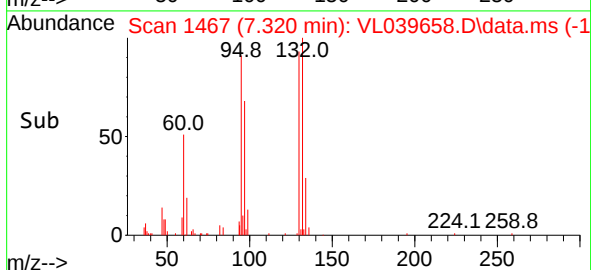
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

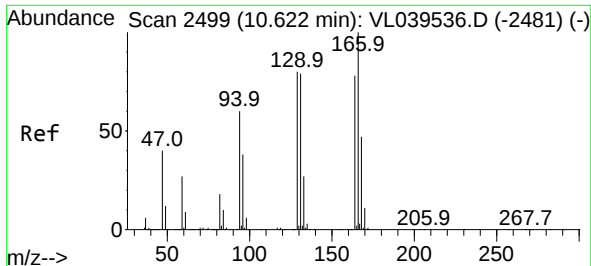


#38
Trichloroethene
Concen: 0.636 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.020 min
Lab File: VL039658.D
Acq: 22 Sep 2022 6:12



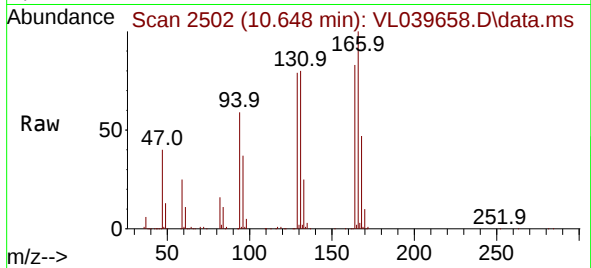
Tgt Ion:130 Resp: 71085
Ion Ratio Lower Upper
130 100
95 98.2 87.3 130.9
132 107.5 76.7 115.1
97 72.1 56.5 84.7





#52
Tetrachloroethene
Concen: 8.181 ppbv
RT: 10.648 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL039658.D
Acq: 22 Sep 2022 6:12

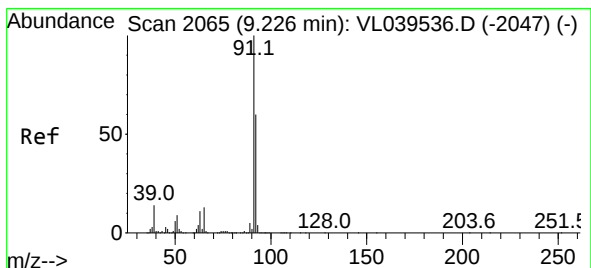
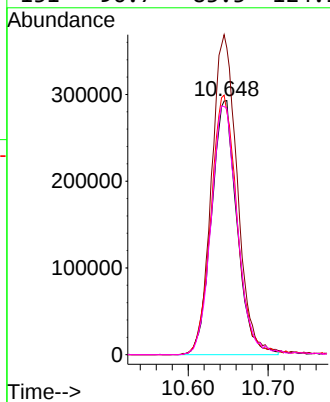
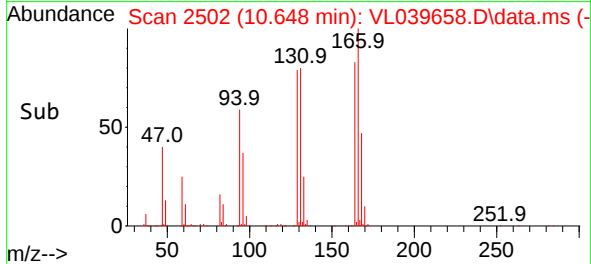
Instrument :
MSVOA_L
ClientSampleId :
C0PG1DL



Tgt Ion:164 Resp: 64569
Ion Ratio Lower Upper
164 100
166 120.7 102.2 153.2
129 95.4 85.8 128.8
131 96.7 83.3 124.9

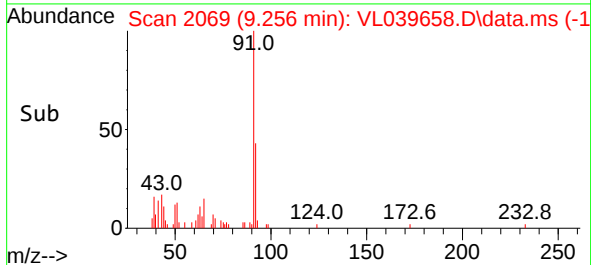
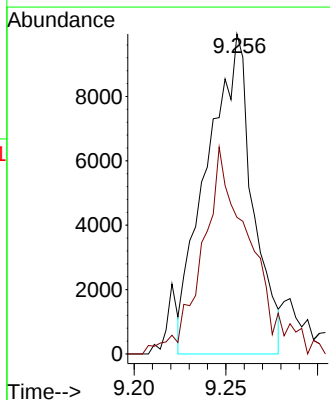
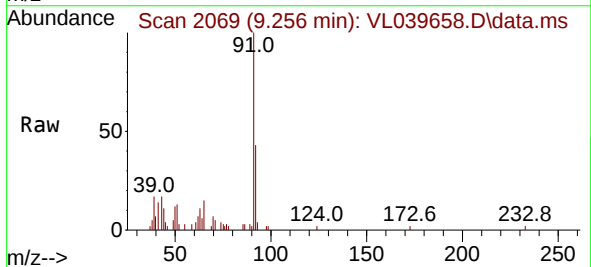
Manual Integrations
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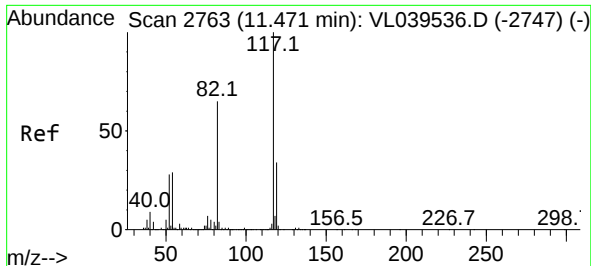
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#53
Toluene
Concen: 0.075 ppbv
RT: 9.256 min Scan# 2069
Delta R.T. 0.030 min
Lab File: VL039658.D
Acq: 22 Sep 2022 6:12

Tgt Ion: 91 Resp: 17300
Ion Ratio Lower Upper
91 100
92 69.6 48.2 72.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.494 min Scan# 21

Delta R.T. 0.023 min

Lab File: VL039658.D

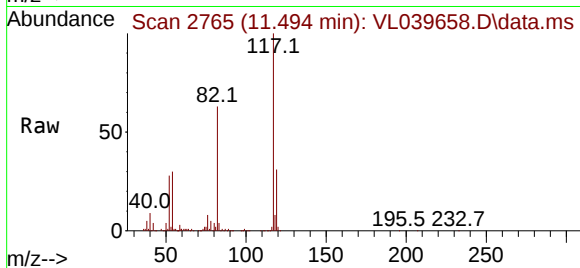
Acq: 22 Sep 2022 6:12

Instrument :

MSVOA_L

ClientSampleId :

C0PG1DL



Tgt Ion: 117 Resp: 244460

Ion Ratio Lower Upper

117 100

82 64.8 50.8 76.2

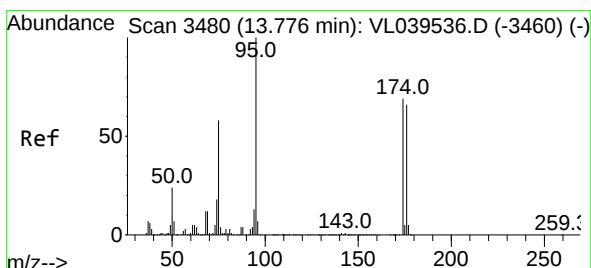
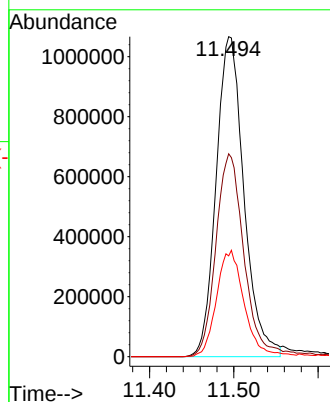
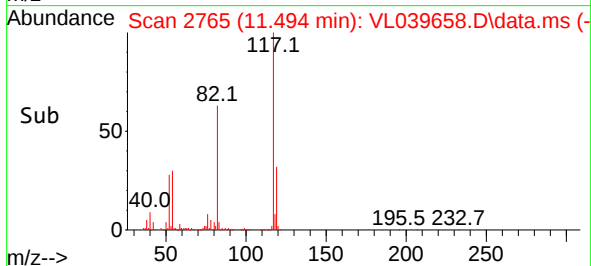
119 33.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.076 ppbv

RT: 13.802 min Scan# 3483

Delta R.T. 0.026 min

Lab File: VL039658.D

Acq: 22 Sep 2022 6:12

Tgt Ion: 95 Resp: 1838700

Ion Ratio Lower Upper

95 100

174 72.3 55.9 83.9

175 5.4 4.2 6.4

