

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039858.D
 Acq On : 9 Nov 2022 21:30
 Operator : SY/AP
 Sample : N5555-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-9E

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 10 03:52:08 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.176	49	936468	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.632	114	2189962	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.433	117	2004775	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	1624054	10.823	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.735	85	74508	0.471	ppbv	99
3) Chlorodifluoromethane	2.674	51	50741m	0.454	ppbv	
4) Chloromethane	2.819	50	27116	0.390	ppbv #	85
9) Propene	2.710	41	44597	0.767	ppbv #	76
11) Trichlorofluoromethane	3.565	101	34550	0.268	ppbv	93
13) Ethanol	3.243	45	1656241	402.876	ppbv	95
15) Acetone	3.468	43	468084m	4.106	ppbv	
19) Isopropyl Alcohol	3.584	45	236214	4.187	ppbv #	34
20) Methylene Chloride	3.931	84	477006	11.697	ppbv	96
26) Hexane	5.201	57	832697	7.954	ppbv #	39
29) Chloroform	5.259	83	276028	1.875	ppbv	97
34) 2-Butanone	4.780	43	44524	0.493	ppbv #	86
35) Carbon Tetrachloride	6.471	117	9819m	0.077	ppbv	
36) Benzene	6.346	78	35671m	0.193	ppbv	
53) Toluene	9.195	91	281239	1.327	ppbv	99
59) m/p-Xylene	12.317	91	41420m	0.183	ppbv	
69) p-Isopropyltoluene	16.973	119	272344m	0.878	ppbv	

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

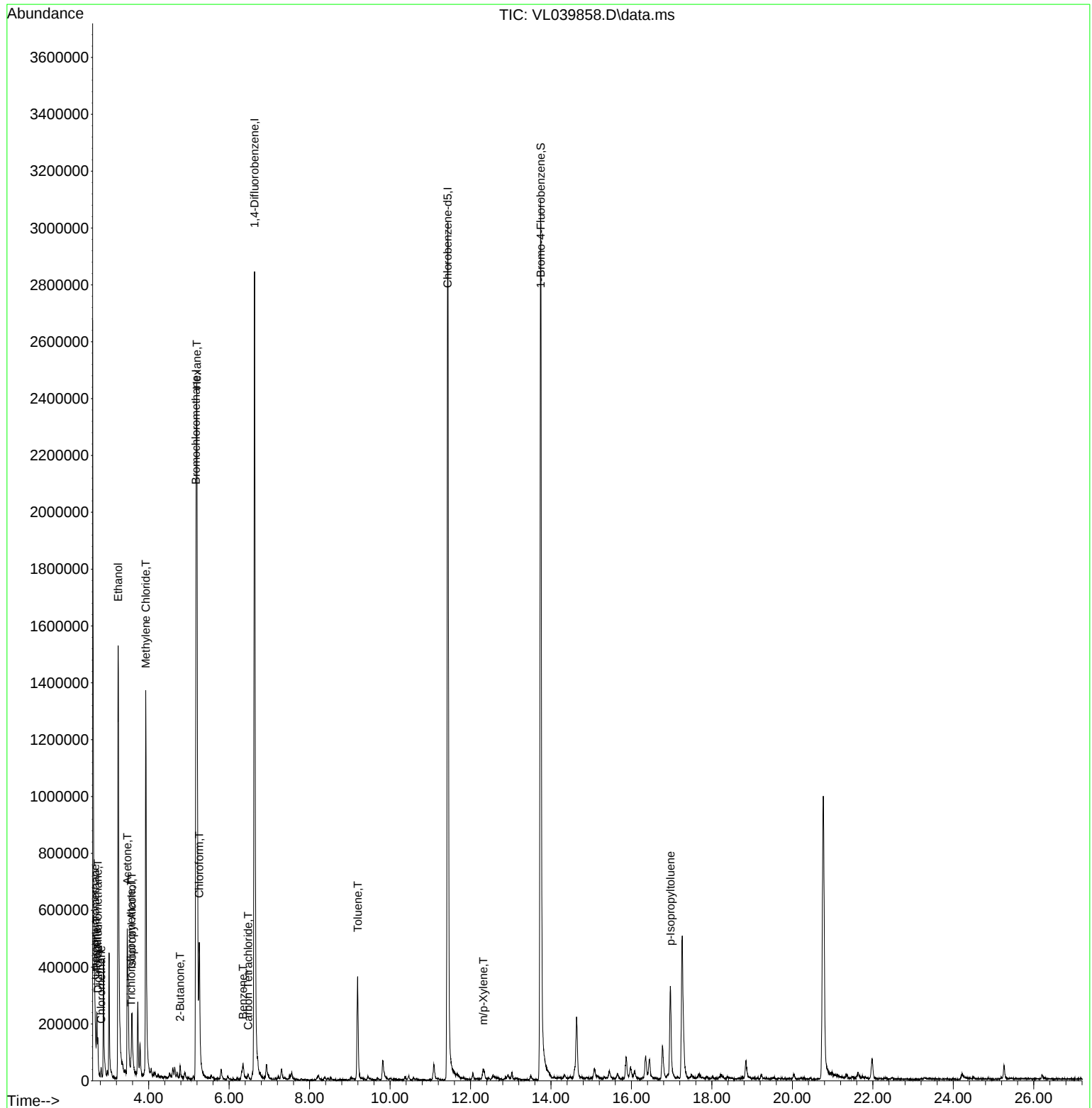
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
Data File : VL039858.D
Acq On : 9 Nov 2022 21:30
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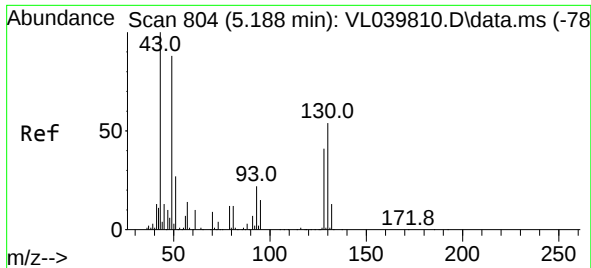
Instrument :
MSVOA_L
ClientSampleId :
IA-9E

Quant Time: Nov 10 03:52:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

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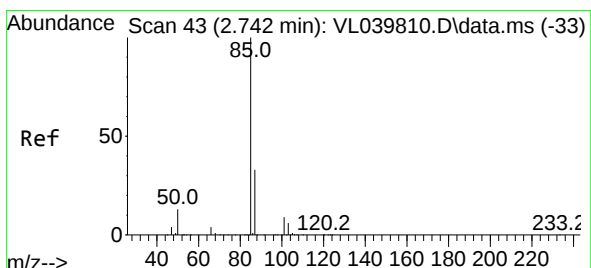
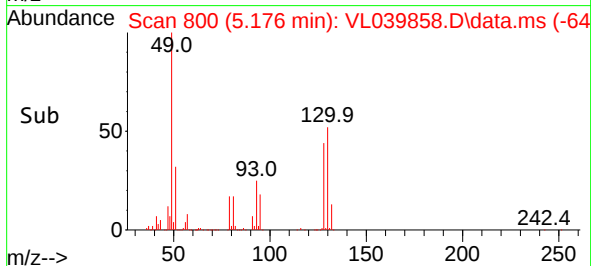
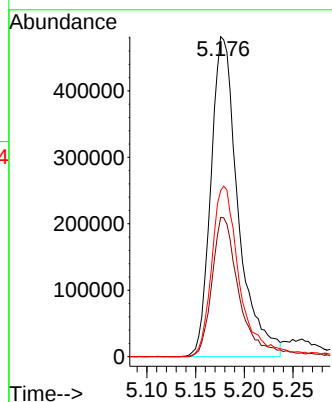
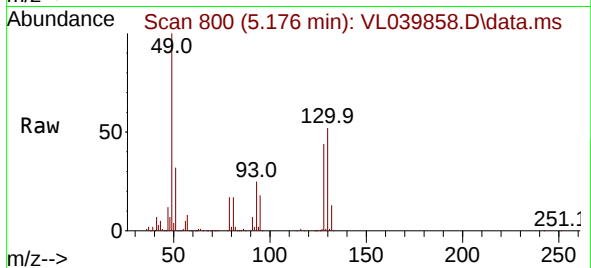
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.012 min
Lab File: VL039858.D
Acq: 9 Nov 2022 21:30

Instrument :
MSVOA_L
ClientSampleId :
IA-9E

Tgt Ion: 49 Resp: 936468
Ion Ratio Lower Upper
49 100
128 44.9 24.6 73.6
130 56.2 31.1 93.2

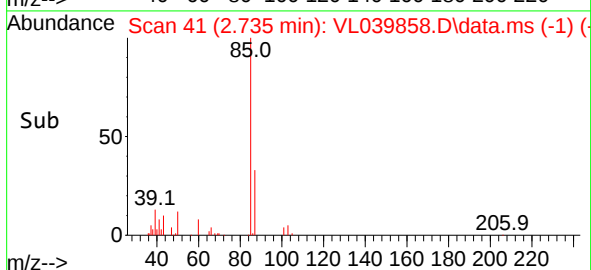
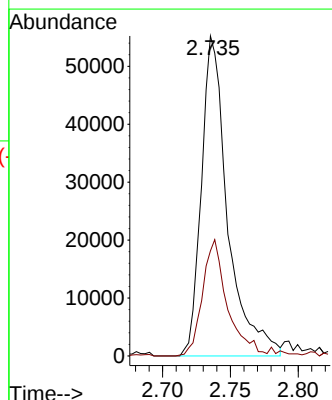
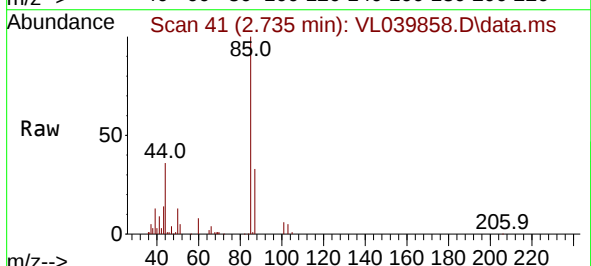
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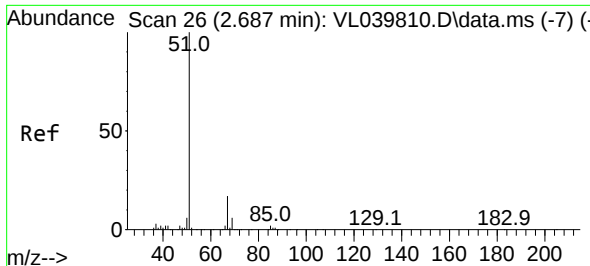
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#2
Dichlorodifluoromethane
Concen: 0.471 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL039858.D
Acq: 9 Nov 2022 21:30

Tgt Ion: 85 Resp: 74508
Ion Ratio Lower Upper
85 100
87 32.5 26.4 39.6





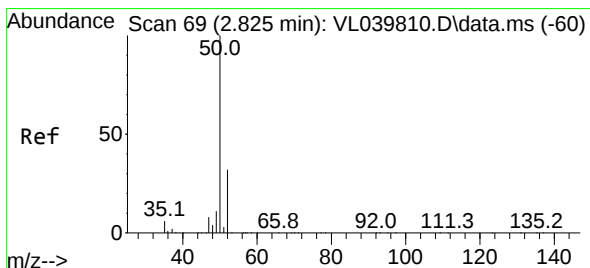
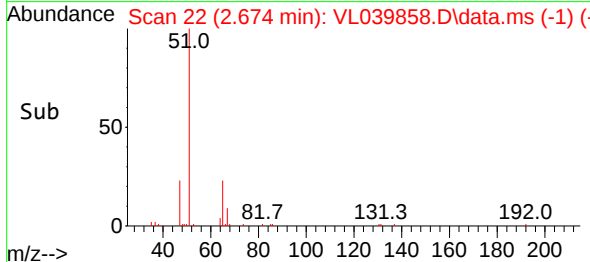
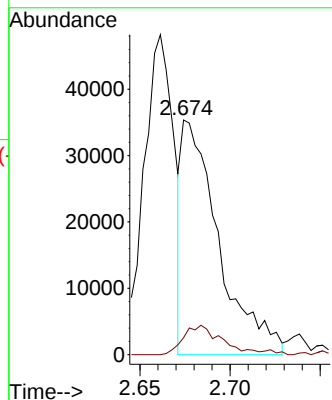
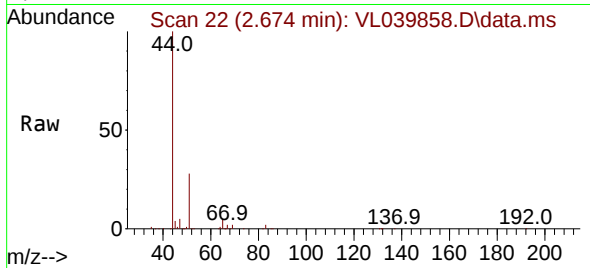
#3
Chlorodifluoromethane
Concen: 0.454 ppbv m
RT: 2.674 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039858.D
Acq: 9 Nov 2022 21:30

Instrument :
MSVOA_L
ClientSampleId :
IA-9E

Tgt Ion: 51 Resp: 5074
Ion Ratio Lower Upper
51 100
67 13.5 13.2 19.8

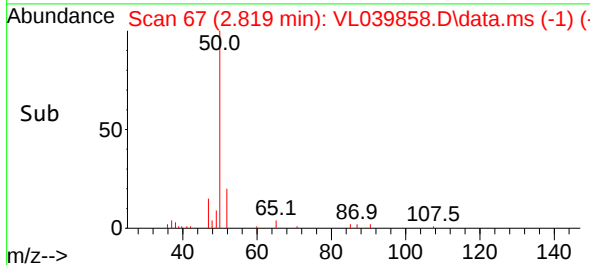
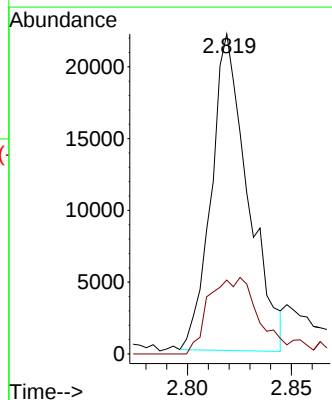
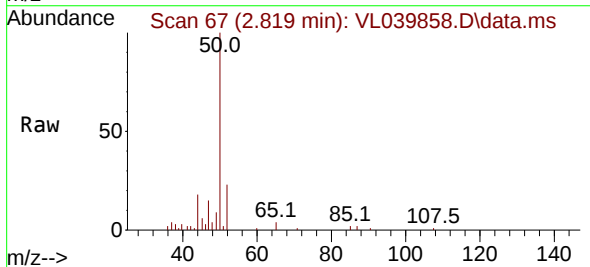
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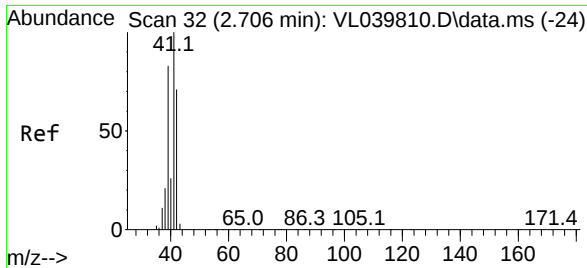
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#4
Chloromethane
Concen: 0.390 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.006 min
Lab File: VL039858.D
Acq: 9 Nov 2022 21:30

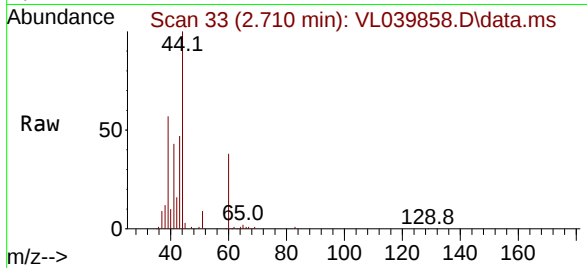
Tgt Ion: 50 Resp: 27116
Ion Ratio Lower Upper
50 100
52 23.4 25.5 38.3#





#9
 Propene
 Concen: 0.767 ppbv
 RT: 2.710 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VL039858.D
 Acq: 9 Nov 2022 21:30

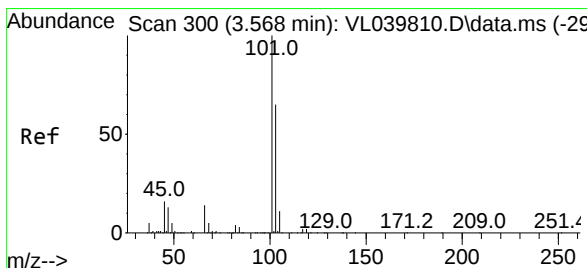
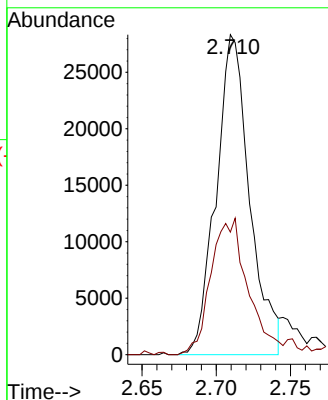
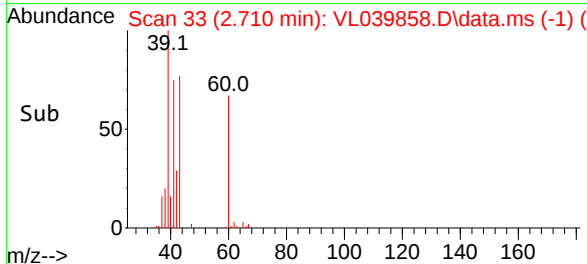
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-9E



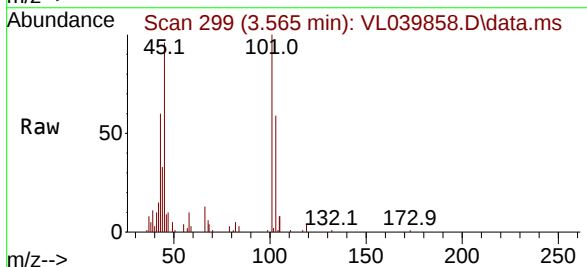
Tgt Ion: 41 Resp: 4459
 Ion Ratio Lower Upper
 41 100
 42 50.7 56.3 84.5

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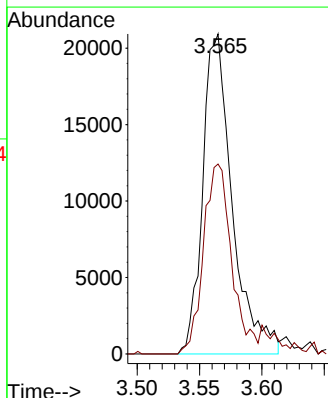
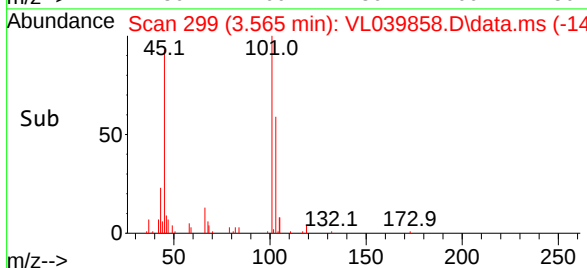
Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

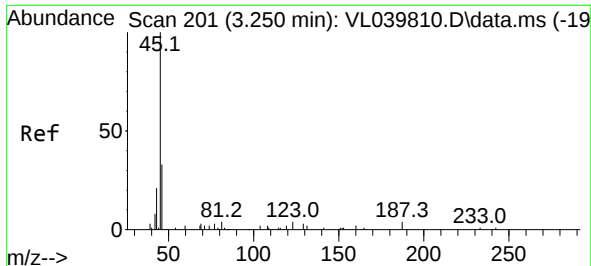


#11
 Trichlorofluoromethane
 Concen: 0.268 ppbv
 RT: 3.565 min Scan# 299
 Delta R.T. -0.003 min
 Lab File: VL039858.D
 Acq: 9 Nov 2022 21:30



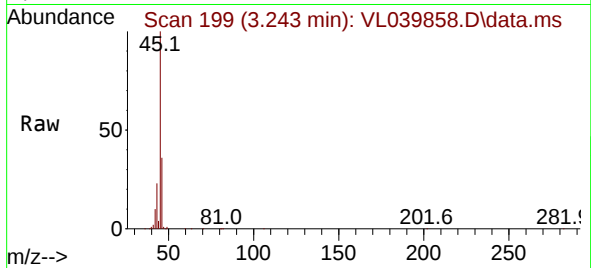
Tgt Ion:101 Resp: 34550
 Ion Ratio Lower Upper
 101 100
 103 59.4 52.2 78.2





#13
Ethanol
Concen: 402.876 ppbv
RT: 3.243 min Scan# 199
Delta R.T. -0.006 min
Lab File: VL039858.D
Acq: 9 Nov 2022 21:30

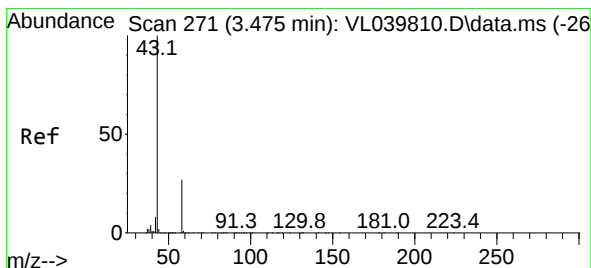
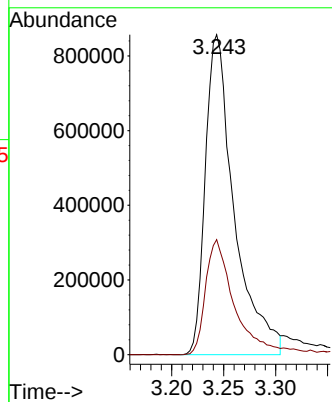
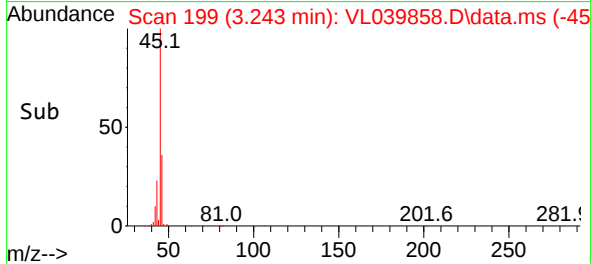
Instrument :
MSVOA_L
ClientSampleId :
IA-9E



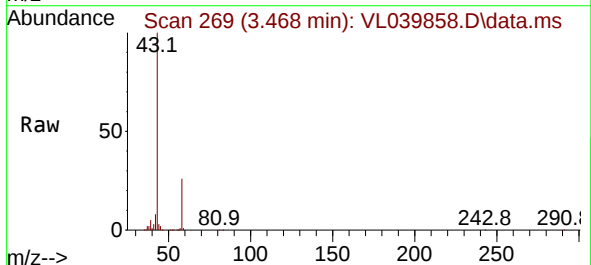
Tgt Ion: 45 Resp: 165624
Ion Ratio Lower Upper
45 100
46 38.1 16.5 65.9

Manual Integrations
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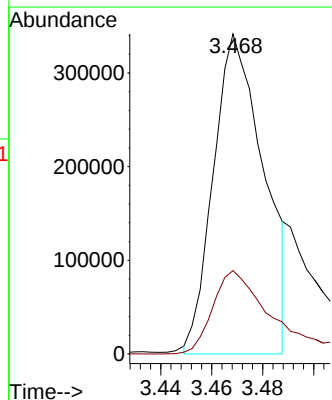
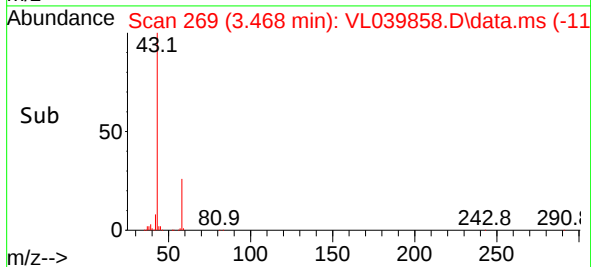
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

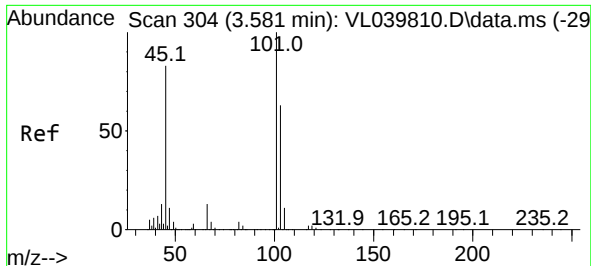


#15
Acetone
Concen: 4.106 ppbv m
RT: 3.468 min Scan# 269
Delta R.T. -0.006 min
Lab File: VL039858.D
Acq: 9 Nov 2022 21:30



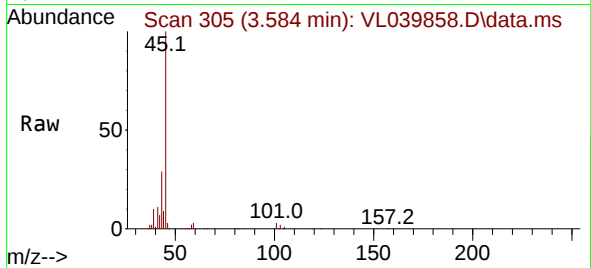
Tgt Ion: 43 Resp: 468084
Ion Ratio Lower Upper
43 100
58 33.1 23.2 34.8





#19
Isopropyl Alcohol
Concen: 4.187 ppbv
RT: 3.584 min Scan# 304
Delta R.T. 0.003 min
Lab File: VL039858.D
Acq: 9 Nov 2022 21:30

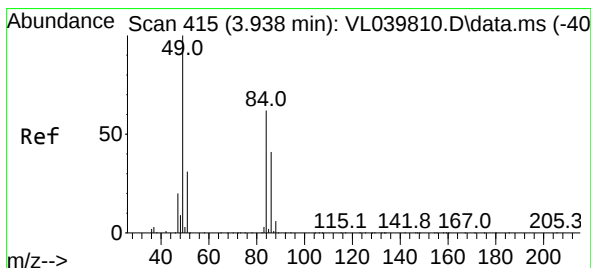
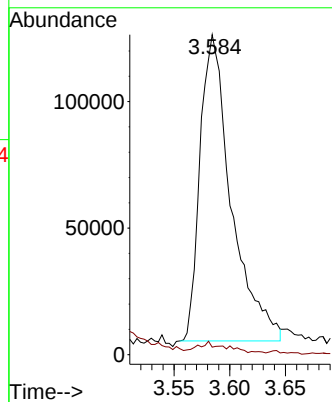
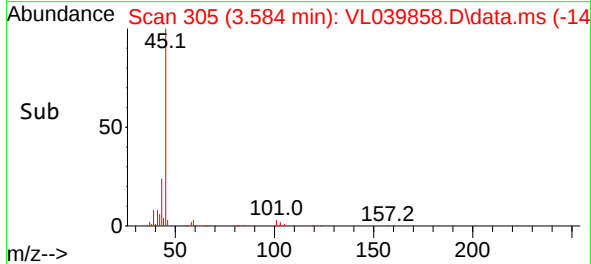
Instrument :
MSVOA_L
ClientSampleId :
IA-9E



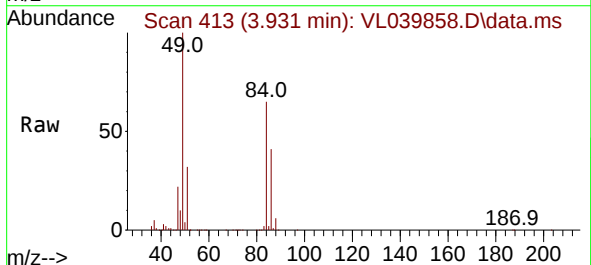
Tgt Ion: 45 Resp: 236214
Ion Ratio Lower Upper
45 100
58 3.2 38.3 57.5

Manual Integrations
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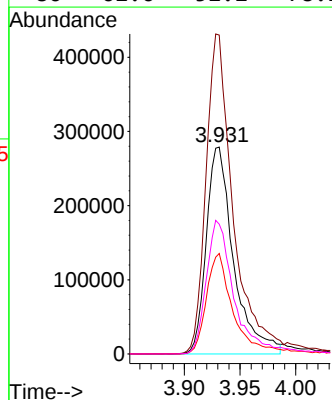
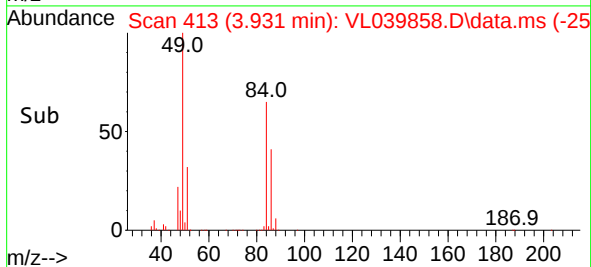
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

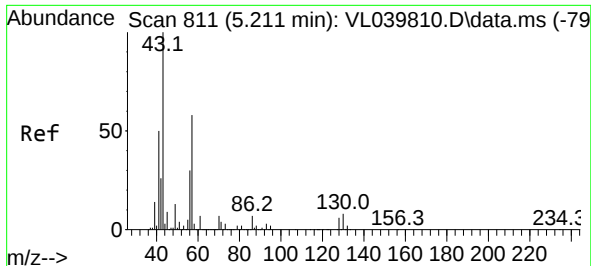


#20
Methylene Chloride
Concen: 11.697 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.006 min
Lab File: VL039858.D
Acq: 9 Nov 2022 21:30



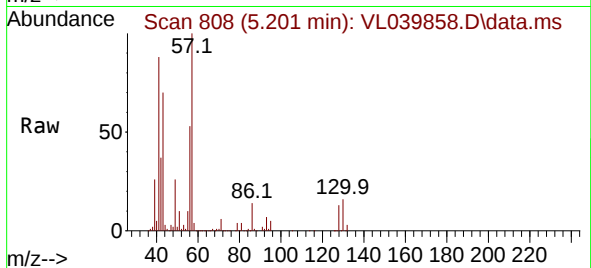
Tgt Ion: 84 Resp: 477006
Ion Ratio Lower Upper
84 100
49 153.9 128.6 192.8
51 48.6 40.2 60.4
86 62.6 52.2 78.2





#26
Hexane
Concen: 7.954 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL039858.D
Acq: 9 Nov 2022 21:30

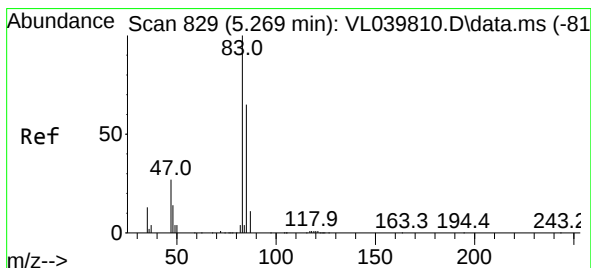
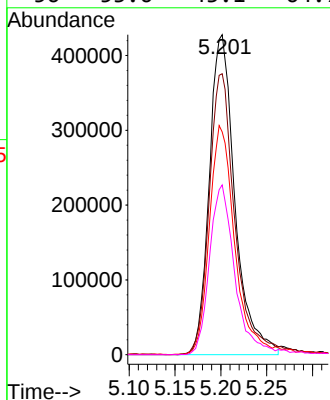
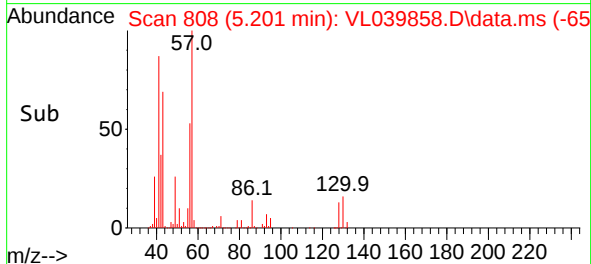
Instrument :
MSVOA_L
ClientSampleId :
IA-9E



Tgt Ion: 57 Resp: 83269
Ion Ratio Lower Upper
57 100
41 90.5 73.7 110.5
43 73.1 189.8 284.8
56 53.6 43.1 64.7

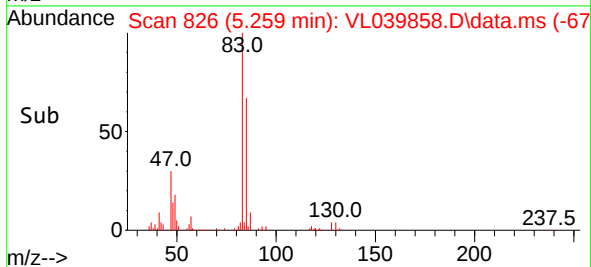
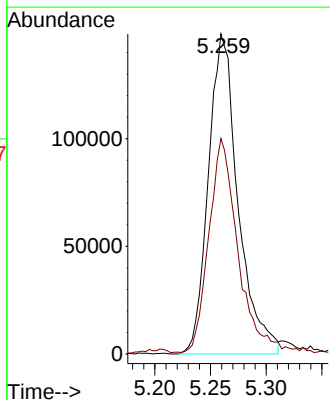
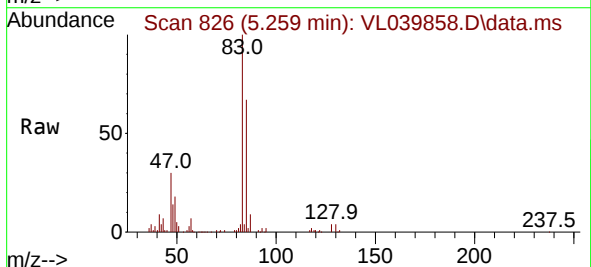
Manual Integrations
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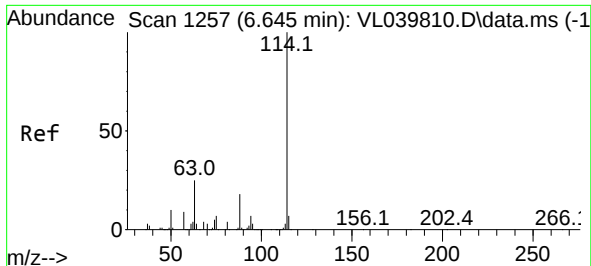
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#29
Chloroform
Concen: 1.875 ppbv
RT: 5.259 min Scan# 826
Delta R.T. -0.010 min
Lab File: VL039858.D
Acq: 9 Nov 2022 21:30

Tgt Ion: 83 Resp: 276028
Ion Ratio Lower Upper
83 100
85 66.8 51.6 77.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 1

Delta R.T. -0.013 min

Lab File: VL039858.D

Acq: 9 Nov 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

IA-9E

Tgt Ion:114 Resp: 218996

Ion Ratio Lower Upper

114 100

63 27.6 19.8 29.6

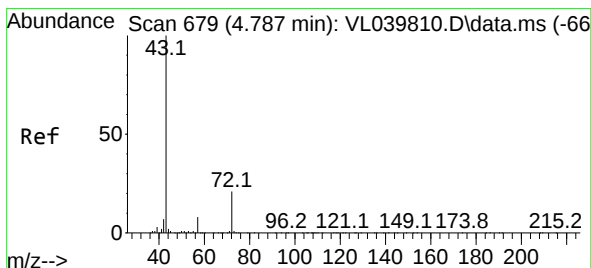
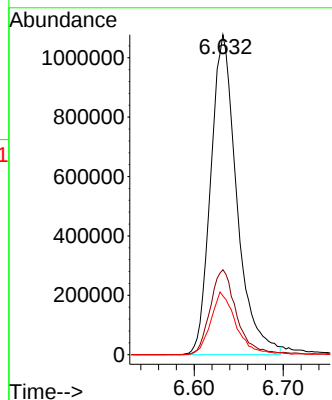
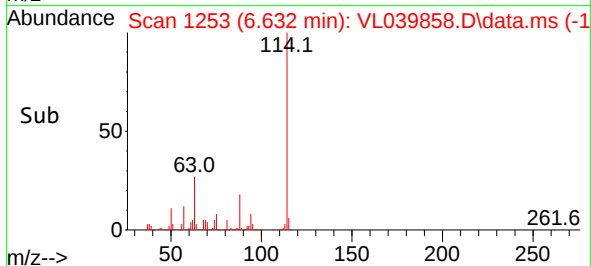
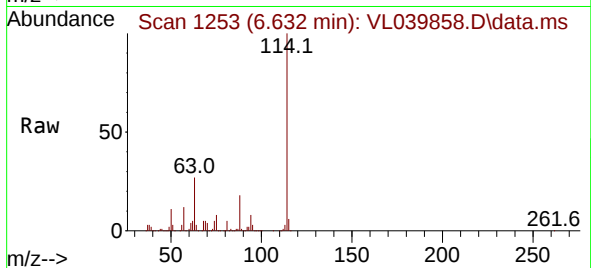
88 19.5 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#34

2-Butanone

Concen: 0.493 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.006 min

Lab File: VL039858.D

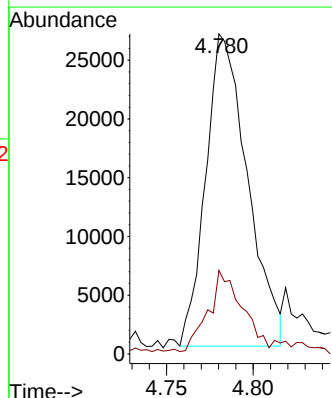
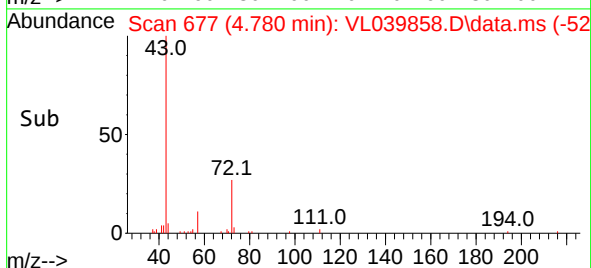
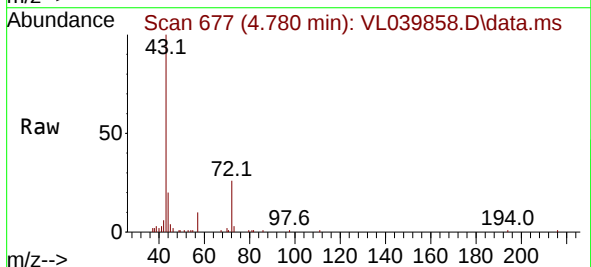
Acq: 9 Nov 2022 21:30

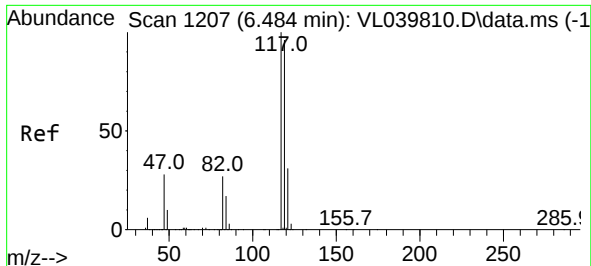
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Ion Ratio Lower Upper

43 100

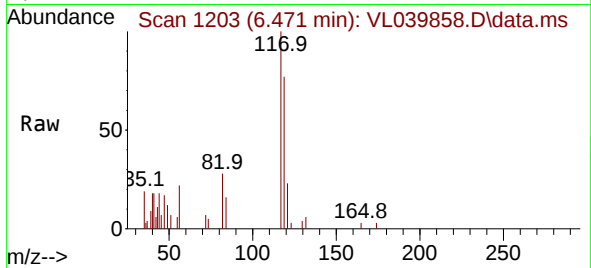
72 28.6 17.5 26.3#





#35
Carbon Tetrachloride
Concen: 0.077 ppbv m
RT: 6.471 min Scan# 1169
Delta R.T. -0.013 min
Lab File: VL039858.D
Acq: 9 Nov 2022 21:30

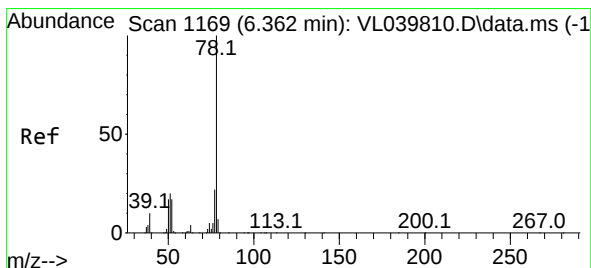
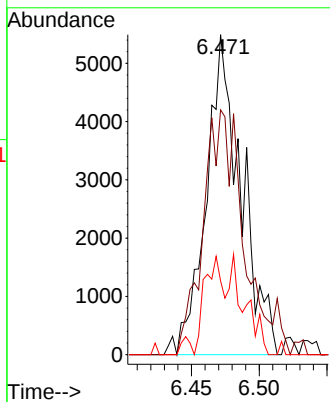
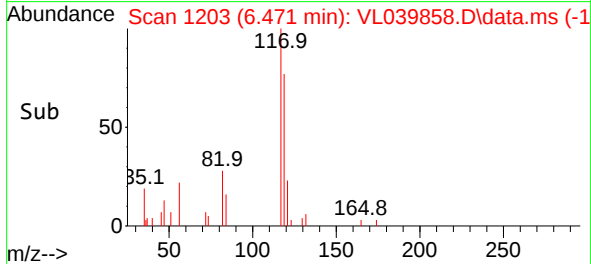
Instrument :
MSVOA_L
ClientSampleId :
IA-9E



Tgt Ion:117 Resp: 9819
Ion Ratio Lower Upper
117 100
119 76.5 76.5 114.7
121 23.1 25.2 37.8

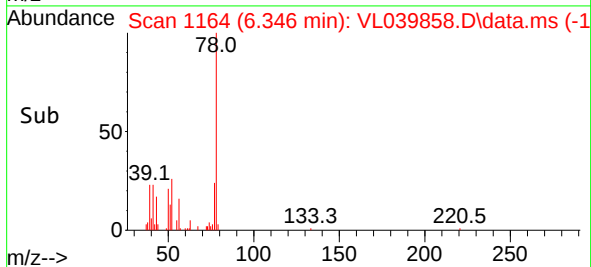
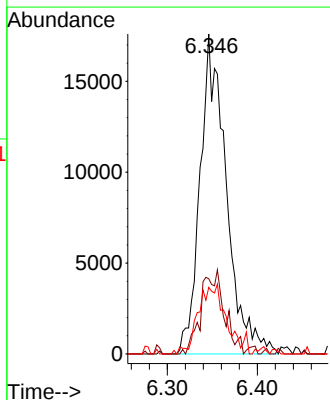
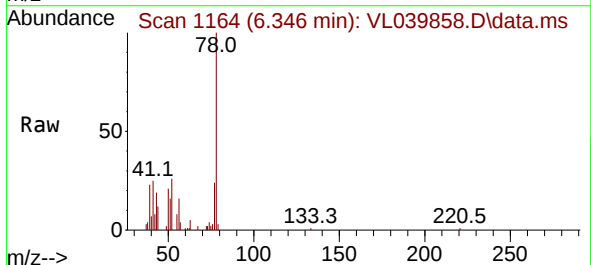
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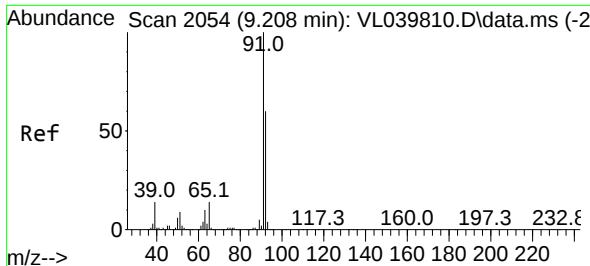
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#36
Benzene
Concen: 0.193 ppbv m
RT: 6.346 min Scan# 1164
Delta R.T. -0.016 min
Lab File: VL039858.D
Acq: 9 Nov 2022 21:30

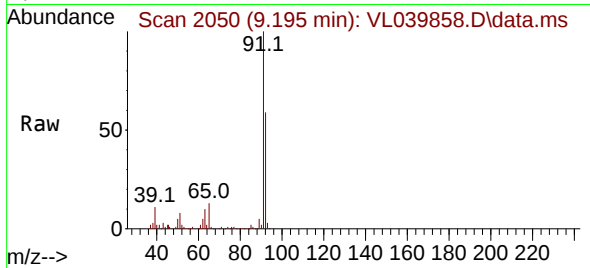
Tgt Ion: 78 Resp: 35671
Ion Ratio Lower Upper
78 100
77 23.5 17.4 26.2
50 20.8 13.9 20.9





#53
Toluene
Concen: 1.327 ppbv
RT: 9.195 min Scan# 2054
Delta R.T. -0.013 min
Lab File: VL039858.D
Acq: 9 Nov 2022 21:30

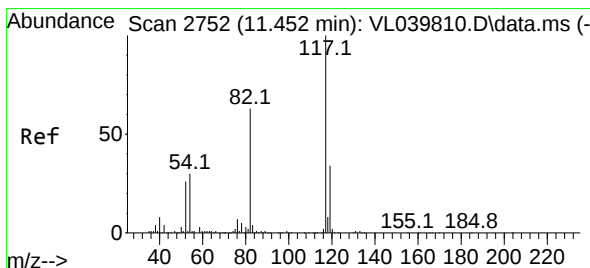
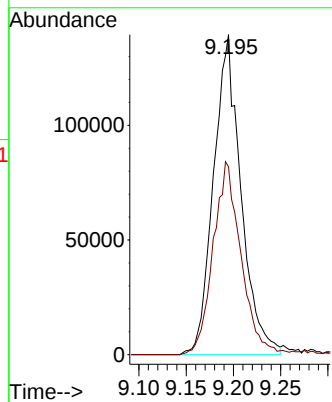
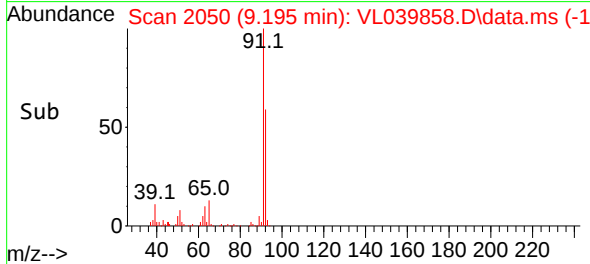
Instrument :
MSVOA_L
ClientSampleId :
IA-9E



Tgt Ion: 91 Resp: 281239
Ion Ratio Lower Upper
91 100
92 62.6 49.6 74.4

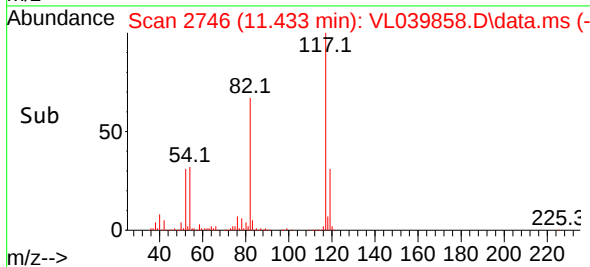
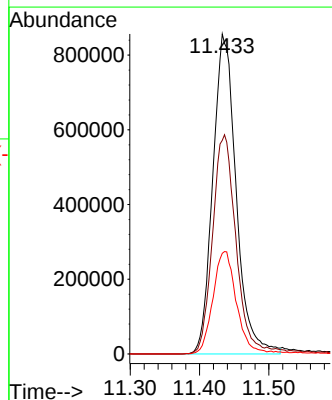
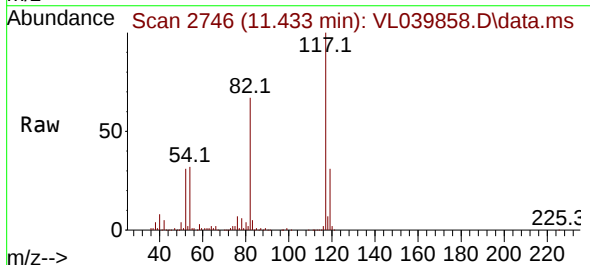
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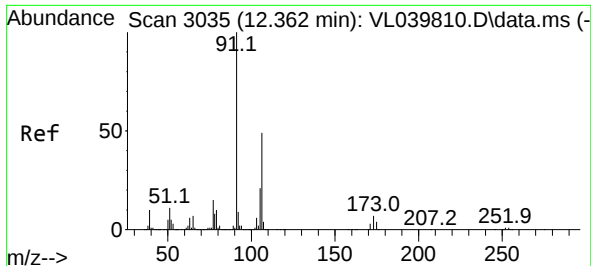
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 2746
Delta R.T. -0.019 min
Lab File: VL039858.D
Acq: 9 Nov 2022 21:30

Tgt Ion:117 Resp: 2004775
Ion Ratio Lower Upper
117 100
82 70.7 51.0 76.6
119 33.1 24.7 37.1





#59

m/p-Xylene

Concen: 0.183 ppbv m

RT: 12.317 min Scan# 3035

Delta R.T. -0.045 min

Lab File: VL039858.D

Acq: 9 Nov 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

IA-9E

Tgt Ion: 91 Resp: 41420

Ion Ratio Lower Upper

91 100

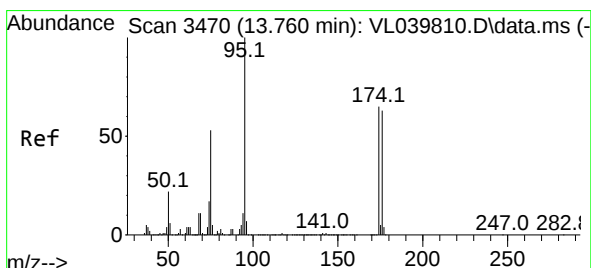
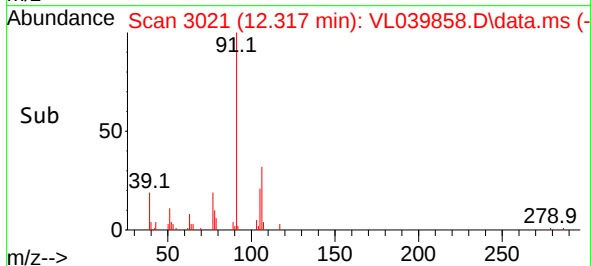
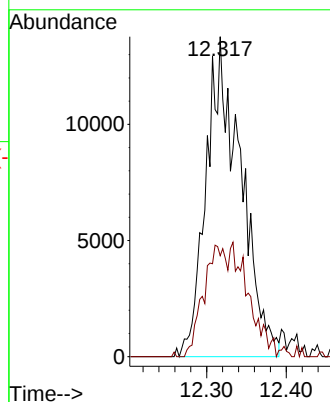
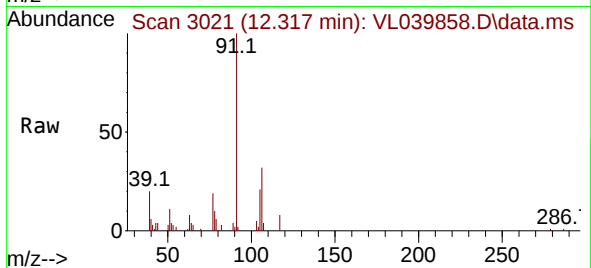
106 44.1 37.6 56.4

Manual Integrations

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Reviewed By :Krupa Patel 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.823 ppbv

RT: 13.744 min Scan# 3465

Delta R.T. -0.016 min

Lab File: VL039858.D

Acq: 9 Nov 2022 21:30

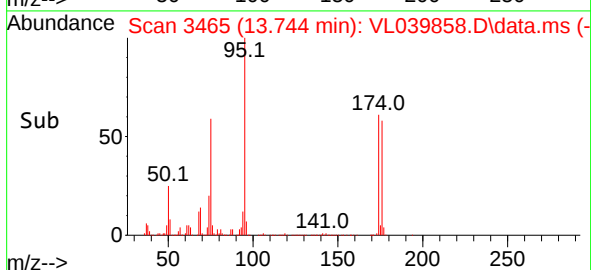
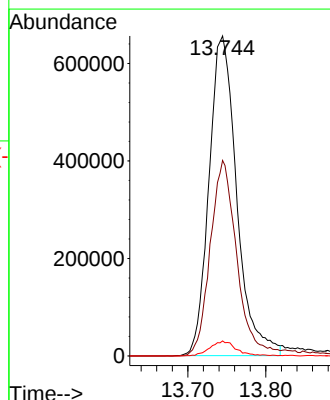
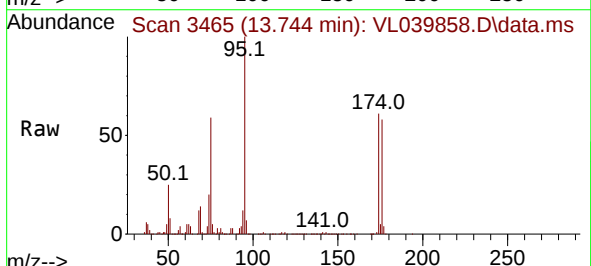
Tgt Ion: 95 Resp: 1624054

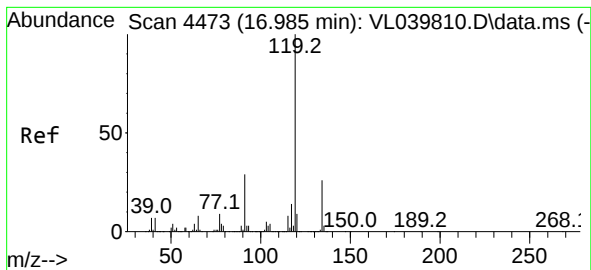
Ion Ratio Lower Upper

95 100

174 61.8 53.4 80.0

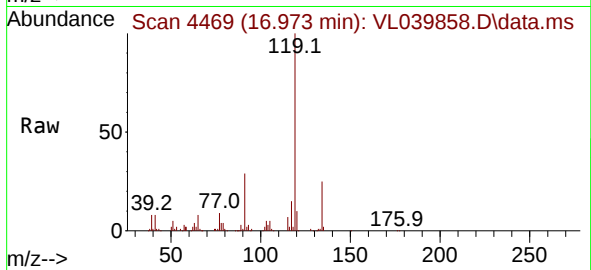
175 4.6 4.1 6.1





#69
 p-Isopropyltoluene
 Concen: 0.878 ppbv m
 RT: 16.973 min Scan# 44
 Delta R.T. -0.013 min
 Lab File: VL039858.D
 Acq: 9 Nov 2022 21:30

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-9E



Tgt Ion:119 Resp: 272344
 Ion Ratio Lower Upper
 119 100
 134 25.2 21.0 31.6
 91 33.6 22.8 34.2

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

