

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112222\
 Data File : VL039925.D
 Acq On : 22 Nov 2022 20:48
 Operator : SY/AP
 Sample : N5767-03DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2022
 Supervised By :Mahesh Dadoda 11/24/2022

Quant Time: Nov 23 04:51:38 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Tue Nov 22 03:45:31 2022

Response via : Initial Calibration

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

Internal Standards							
1) Bromochloromethane		5.173	49	1020770	10.000	ppbv	0.02
33) 1,4-Difluorobenzene		6.635	114	2762588	10.000	ppbv	0.02
55) Chlorobenzene-d5		11.455	117	2433259	10.000	ppbv	0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.767	95	1934736	10.410	ppbv	0.01
Spiked Amount		10.000	Range	65 - 135	Recovery	= 104.100%	
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane		2.710	85	28212	0.193	ppbv	91
4) Chloromethane		2.790	50	9486	0.105	ppbv	96
9) Propene		2.684	41	54386m	0.820	ppbv	
13) Ethanol		3.227	45	59332m	11.712	ppbv	
15) Acetone		3.456	43	218109	1.611	ppbv	97
20) Methylene Chloride		3.915	84	382571	5.832	ppbv	97
26) Hexane		5.195	57	281311	2.591	ppbv #	38
29) Chloroform		5.253	83	39547	0.274	ppbv	86
36) Benzene		6.356	78	26651m	0.113	ppbv	
53) Toluene		9.204	91	41256	0.154	ppbv	99

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

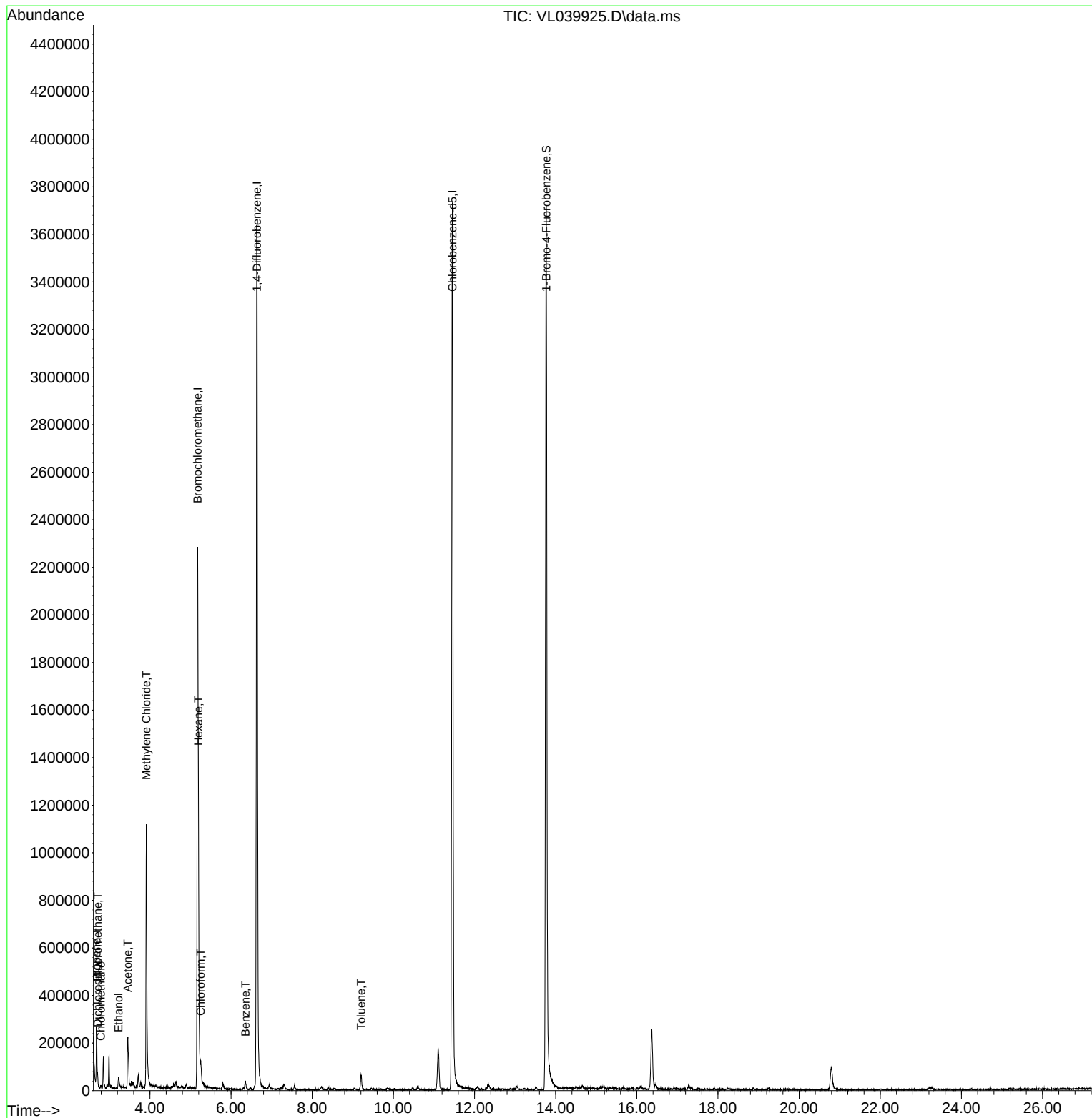
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112222\
Data File : VL039925.D
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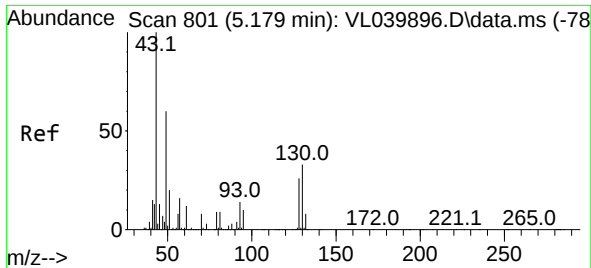
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

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Quant Time: Nov 23 04:51:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Nov 22 03:45:31 2022
Response via : Initial Calibration





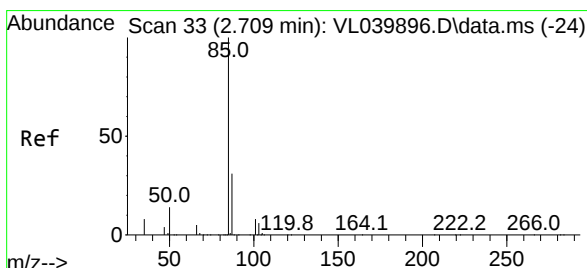
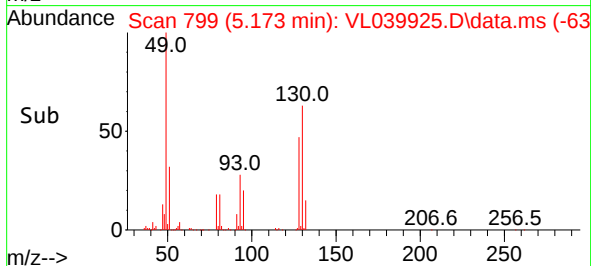
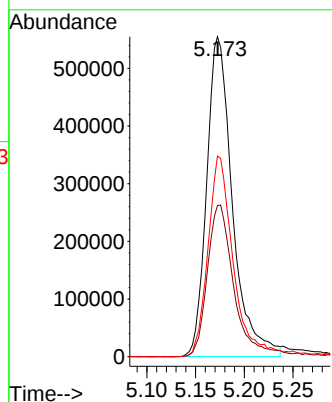
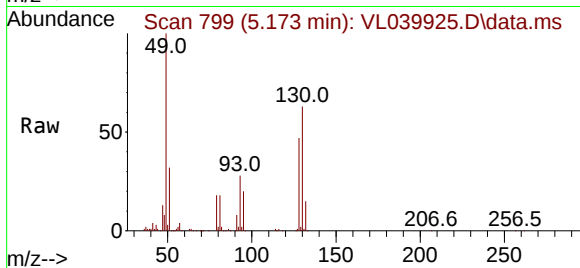
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 799
Delta R.T. 0.017 min
Lab File: VL039925.D
Acq: 22 Nov 2022 20:48

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 49 Resp: 1020770
Ion Ratio Lower Upper
49 100
128 49.7 22.1 66.3
130 63.8 27.7 83.1

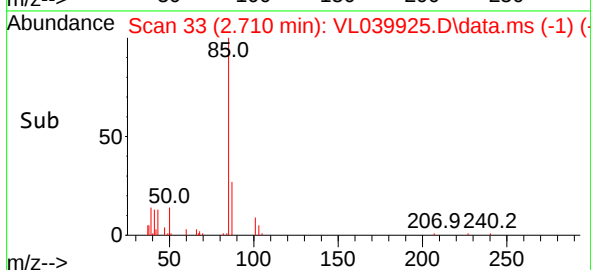
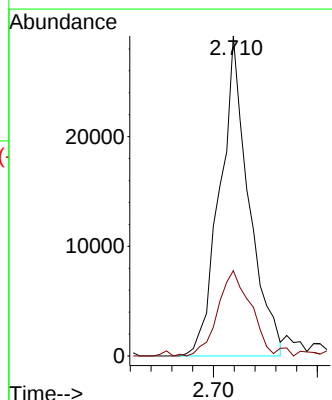
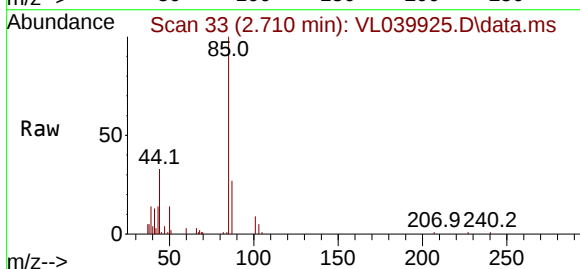
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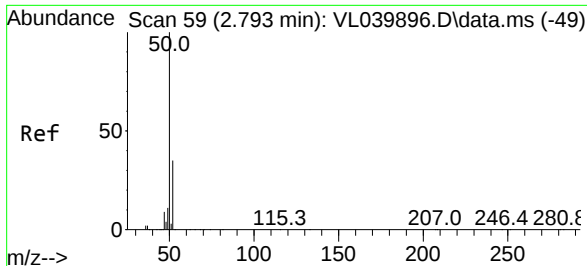
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#2
Dichlorodifluoromethane
Concen: 0.193 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.013 min
Lab File: VL039925.D
Acq: 22 Nov 2022 20:48

Tgt Ion: 85 Resp: 28212
Ion Ratio Lower Upper
85 100
87 26.1 25.0 37.4





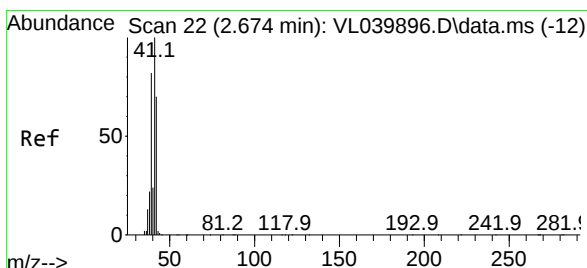
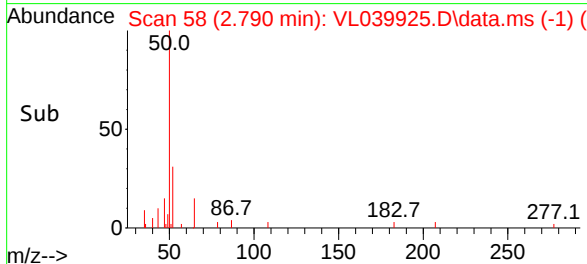
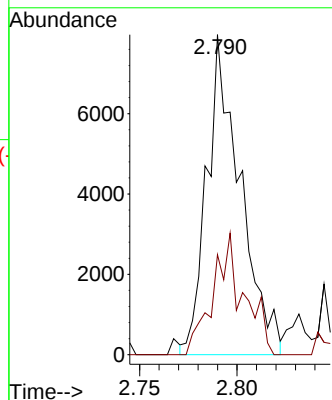
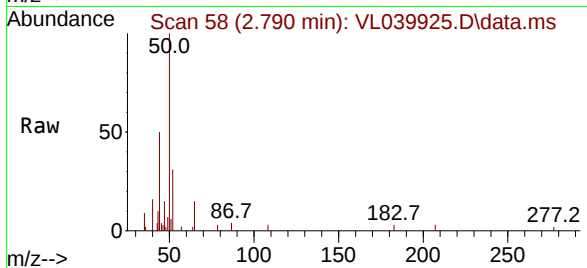
#4
Chloromethane
Concen: 0.105 ppbv
RT: 2.790 min Scan# 59
Delta R.T. 0.010 min
Lab File: VL039925.D
Acq: 22 Nov 2022 20:48

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 50 Resp: 9480
Ion Ratio Lower Upper
50 100
52 32.2 27.8 41.8

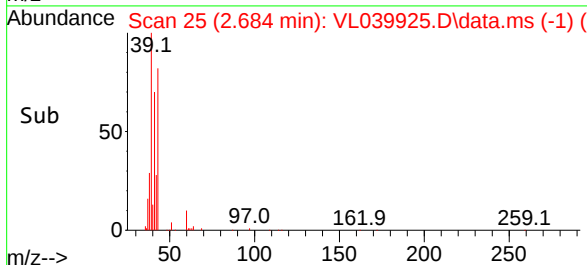
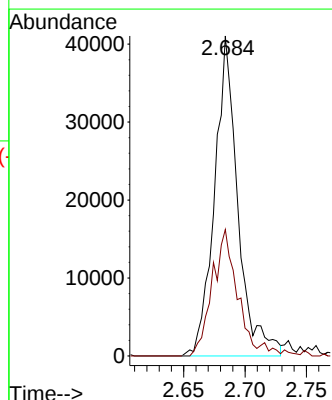
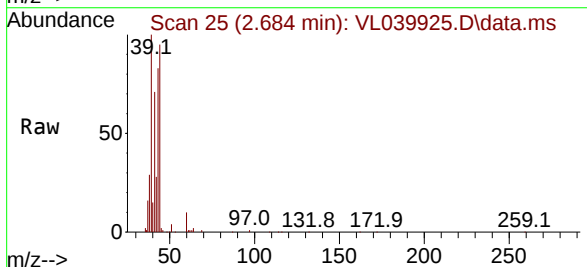
Manual Integrations
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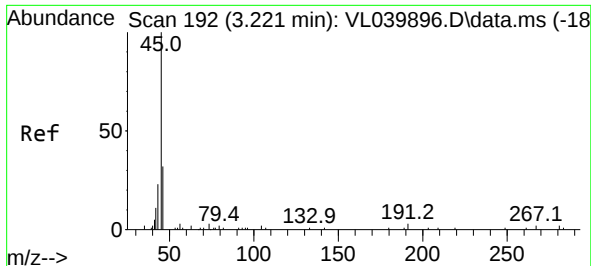
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#9
Propene
Concen: 0.820 ppbv m
RT: 2.684 min Scan# 25
Delta R.T. 0.023 min
Lab File: VL039925.D
Acq: 22 Nov 2022 20:48

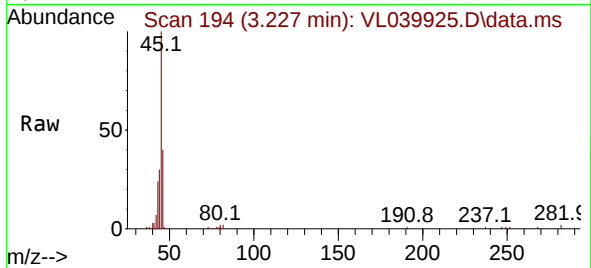
Tgt Ion: 41 Resp: 54386
Ion Ratio Lower Upper
41 100
42 45.6 55.8 83.6#





#13
Ethanol
Concen: 11.712 ppbv m
RT: 3.227 min Scan# 194
Delta R.T. 0.019 min
Lab File: VL039925.D
Acq: 22 Nov 2022 20:48

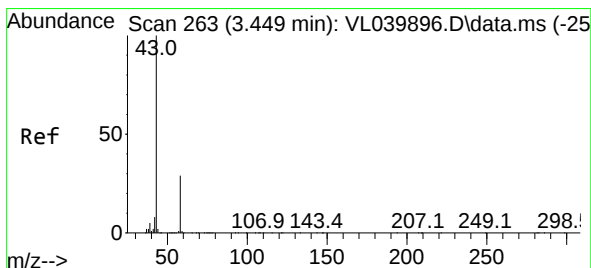
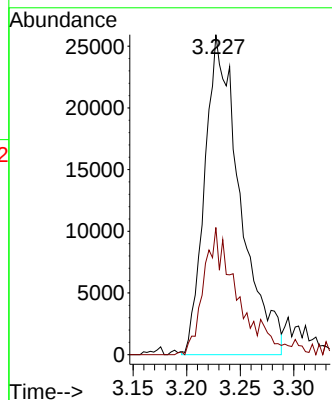
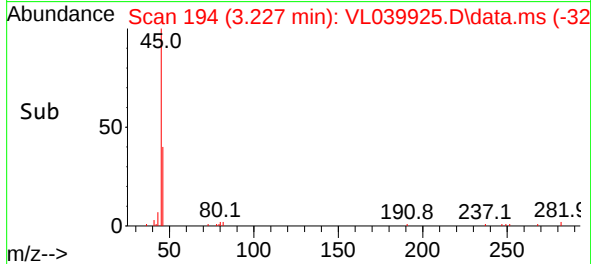
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



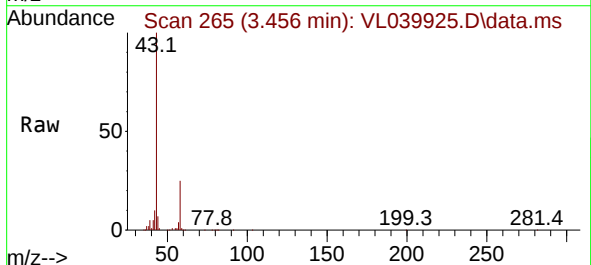
Tgt Ion: 45 Resp: 5933
Ion Ratio Lower Upper
45 100
46 39.3 14.6 58.2

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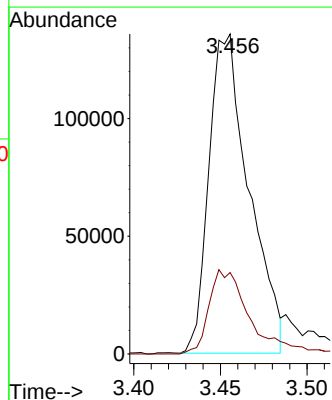
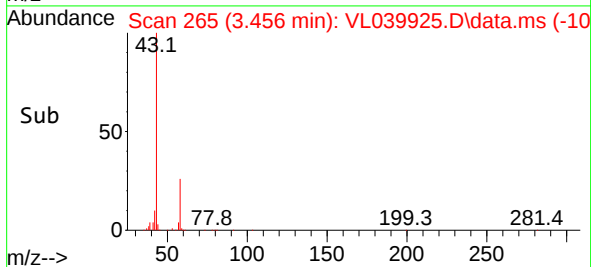
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

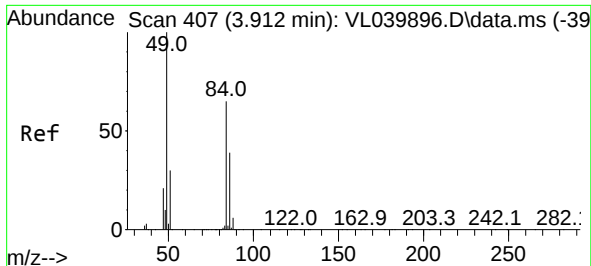


#15
Acetone
Concen: 1.611 ppbv
RT: 3.456 min Scan# 265
Delta R.T. 0.023 min
Lab File: VL039925.D
Acq: 22 Nov 2022 20:48



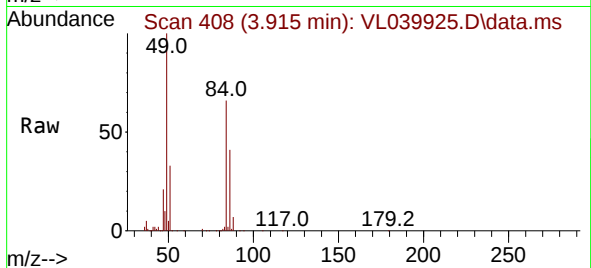
Tgt Ion: 43 Resp: 218109
Ion Ratio Lower Upper
43 100
58 27.0 22.9 34.3





#20
Methylene Chloride
Concen: 5.832 ppbv
RT: 3.915 min Scan# 407
Delta R.T. 0.016 min
Lab File: VL039925.D
Acq: 22 Nov 2022 20:48

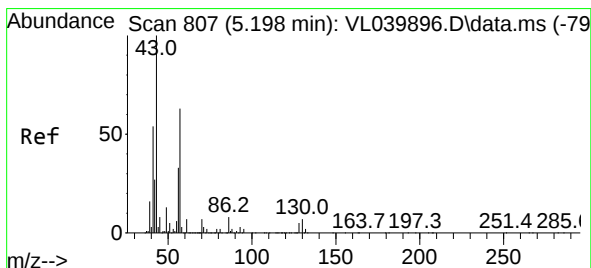
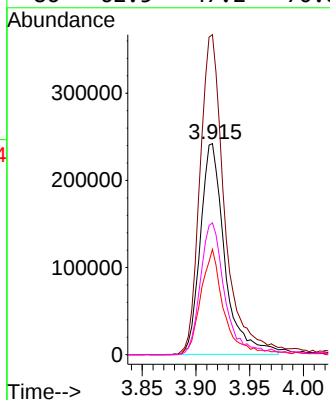
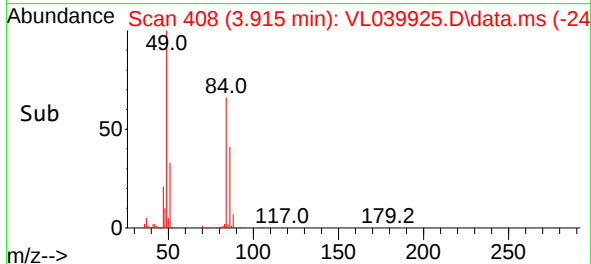
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



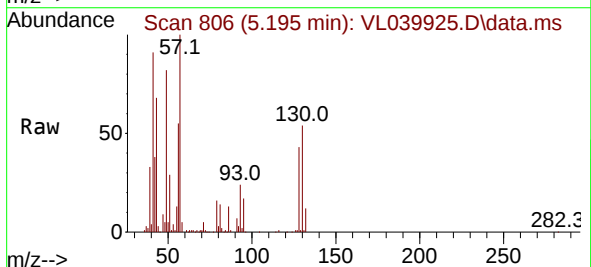
Tgt Ion: 84 Resp: 38257
Ion Ratio Lower Upper
84 100
49 151.6 122.2 183.4
51 50.0 36.3 54.5
86 62.5 47.2 70.8

Manual Integrations
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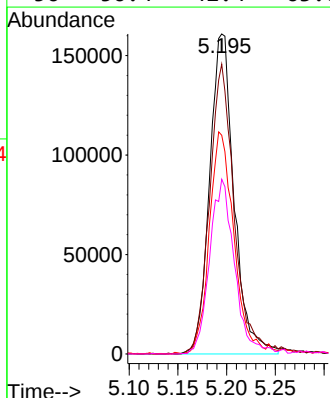
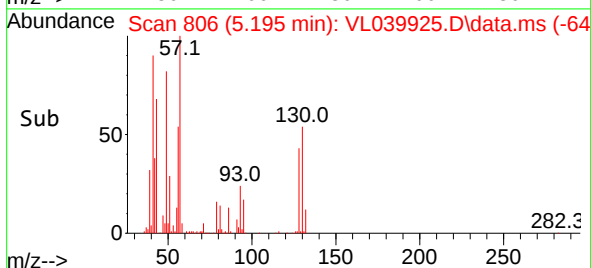
Reviewed By :Semsettin Yesilyurt 11/23/2022
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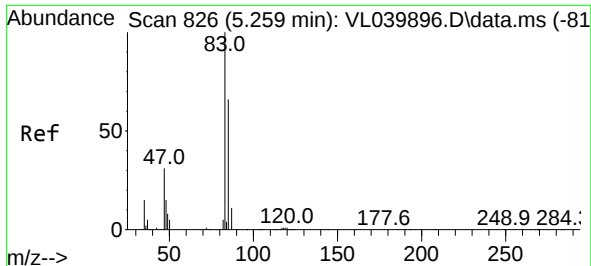


#26
Hexane
Concen: 2.591 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.013 min
Lab File: VL039925.D
Acq: 22 Nov 2022 20:48



Tgt Ion: 57 Resp: 281311
Ion Ratio Lower Upper
57 100
41 92.5 72.3 108.5
43 71.8 188.7 283.1#
56 56.4 42.4 63.6





#29

Chloroform

Concen: 0.274 ppbv

RT: 5.253 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL039925.D

Acq: 22 Nov 2022 20:48

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tgt Ion: 83 Resp: 3954

Ion Ratio Lower Upper

83 100

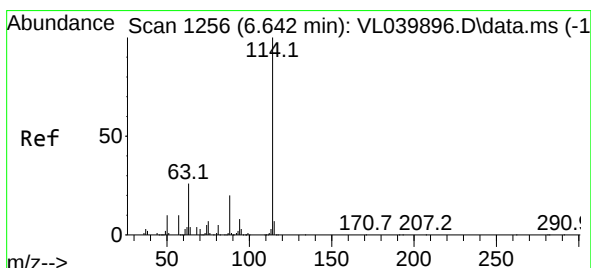
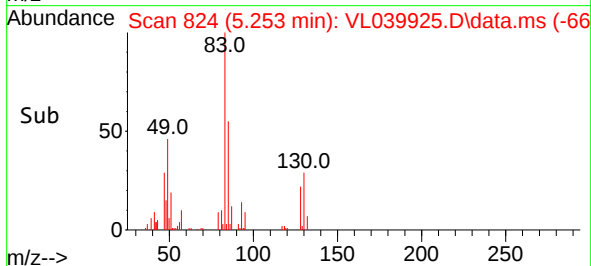
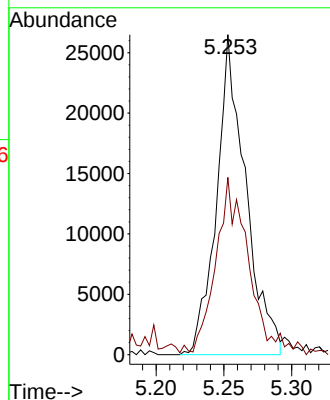
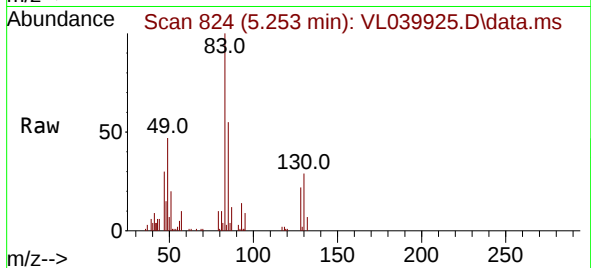
85 54.8 52.4 78.6

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/24/2022



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. 0.016 min

Lab File: VL039925.D

Acq: 22 Nov 2022 20:48

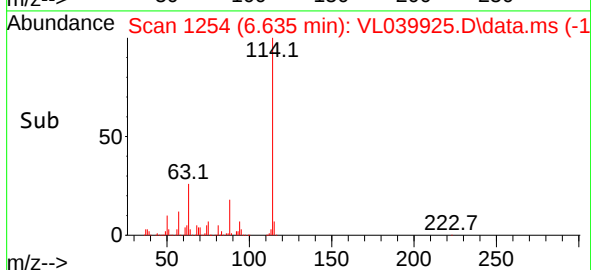
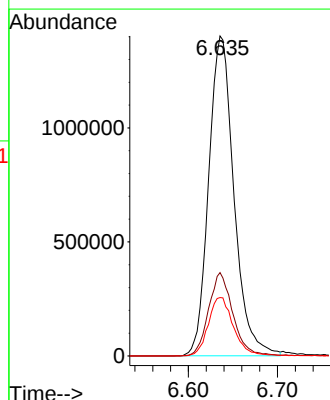
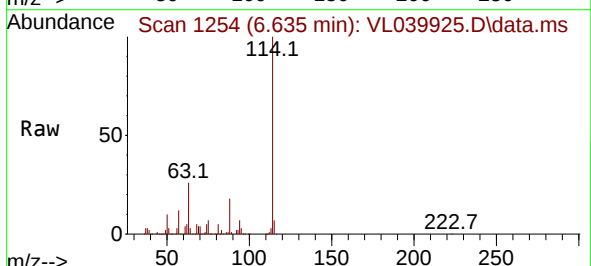
Tgt Ion:114 Resp: 2762588

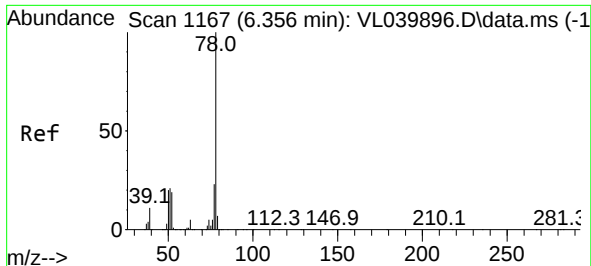
Ion Ratio Lower Upper

114 100

63 25.4 21.4 32.0

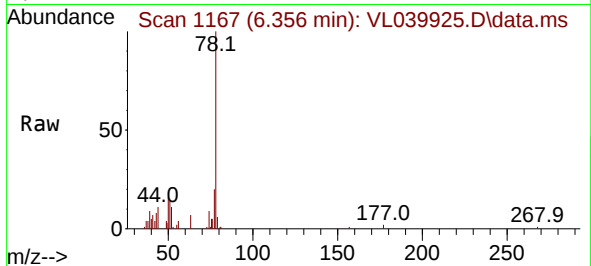
88 18.4 15.3 22.9





#36
Benzene
Concen: 0.113 ppbv m
RT: 6.356 min Scan# 1167
Delta R.T. 0.019 min
Lab File: VL039925.D
Acq: 22 Nov 2022 20:48

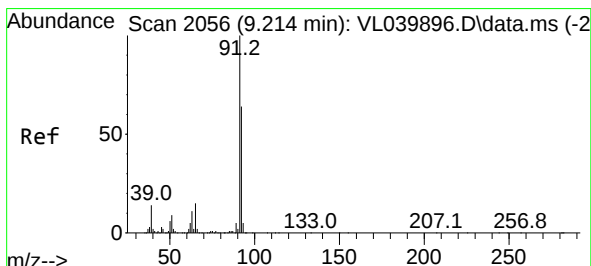
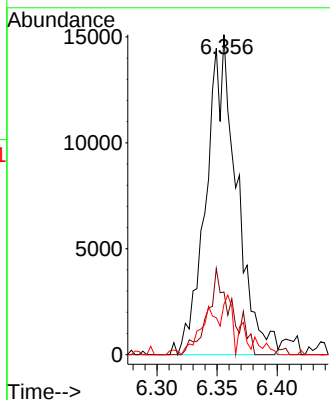
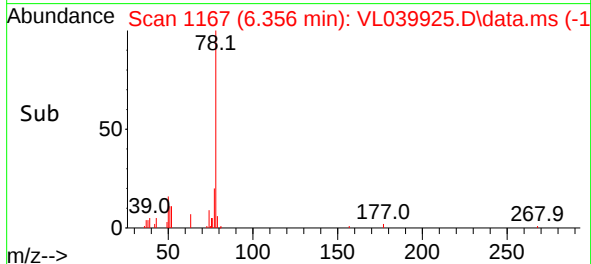
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 78 Resp: 2665
Ion Ratio Lower Upper
78 100
77 19.6 18.2 27.2
50 15.8 15.8 23.8

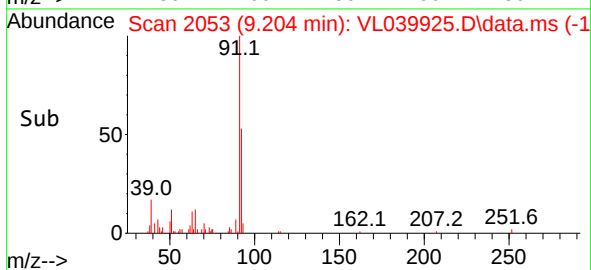
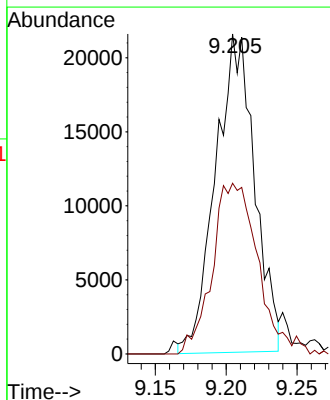
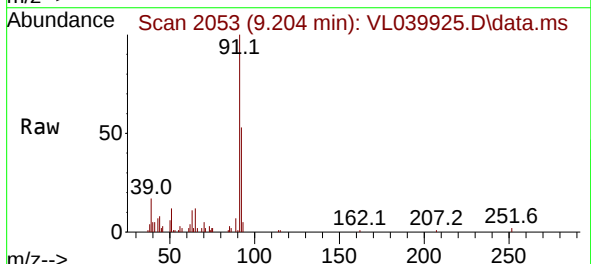
Manual Integrations
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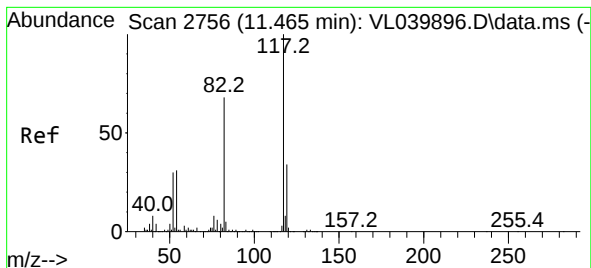
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#53
Toluene
Concen: 0.154 ppbv
RT: 9.204 min Scan# 2053
Delta R.T. 0.013 min
Lab File: VL039925.D
Acq: 22 Nov 2022 20:48

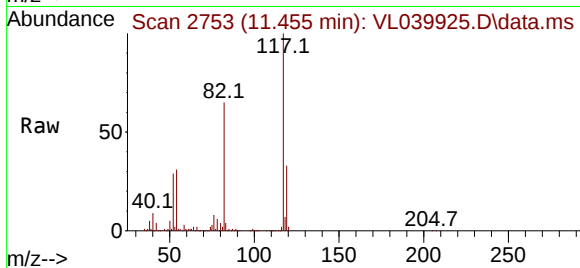
Tgt Ion: 91 Resp: 41256
Ion Ratio Lower Upper
91 100
92 62.8 49.8 74.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL039925.D
Acq: 22 Nov 2022 20:48

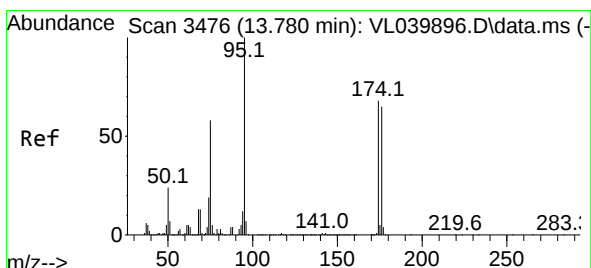
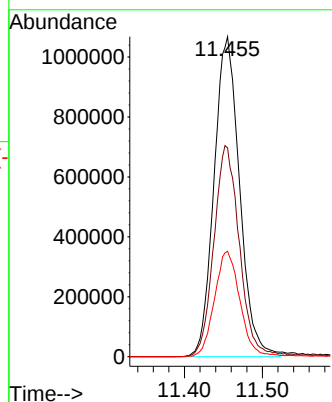
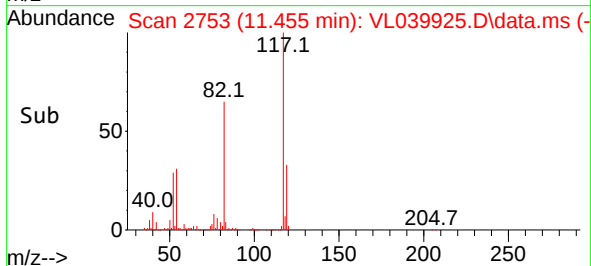
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



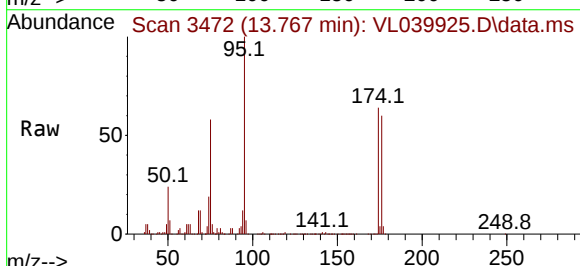
Tgt Ion:117 Resp: 243325
Ion Ratio Lower Upper
117 100
82 66.5 52.3 78.5
119 33.0 25.7 38.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.410 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.013 min
Lab File: VL039925.D
Acq: 22 Nov 2022 20:48



Tgt Ion: 95 Resp: 1934736
Ion Ratio Lower Upper
95 100
174 62.4 53.7 80.5
175 4.4 4.0 6.0

