

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041322\
 Data File : VL038907.D
 Acq On : 13 Apr 2022 17:35
 Operator : SY/AP
 Sample : N2383-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2022
 Supervised By :Mahesh Dadoda 04/18/2022

Quant Time: Apr 14 08:25:49 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	1026538	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	2422011	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	2057524	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	1719087	11.015	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.054	85	50164	0.345	ppbv	98
3) Chlorodifluoromethane	2.999	51	114946m	0.918	ppbv	
4) Chloromethane	3.144	50	40876m	0.630	ppbv	
9) Propene	3.028	41	41195	0.621	ppbv #	69
11) Trichlorofluoromethane	3.957	101	68722m	0.587	ppbv	
13) Ethanol	3.600	45	2507606	622.524	ppbv #	100
15) Acetone	3.854	43	1099075	10.754	ppbv	99
19) Isopropyl Alcohol	3.970	45	1246802	23.869	ppbv #	100
20) Methylene Chloride	4.353	84	74150m	2.001	ppbv	
26) Hexane	5.693	57	86986	0.737	ppbv #	46
34) 2-Butanone	5.250	43	88256	0.922	ppbv #	88
35) Carbon Tetrachloride	7.028	117	11080m	0.076	ppbv	
36) Benzene	6.899	78	21265	0.097	ppbv #	69
53) Toluene	9.806	91	39241m	0.154	ppbv	
59) m/p-Xylene	12.970	91	35909m	0.139	ppbv	

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

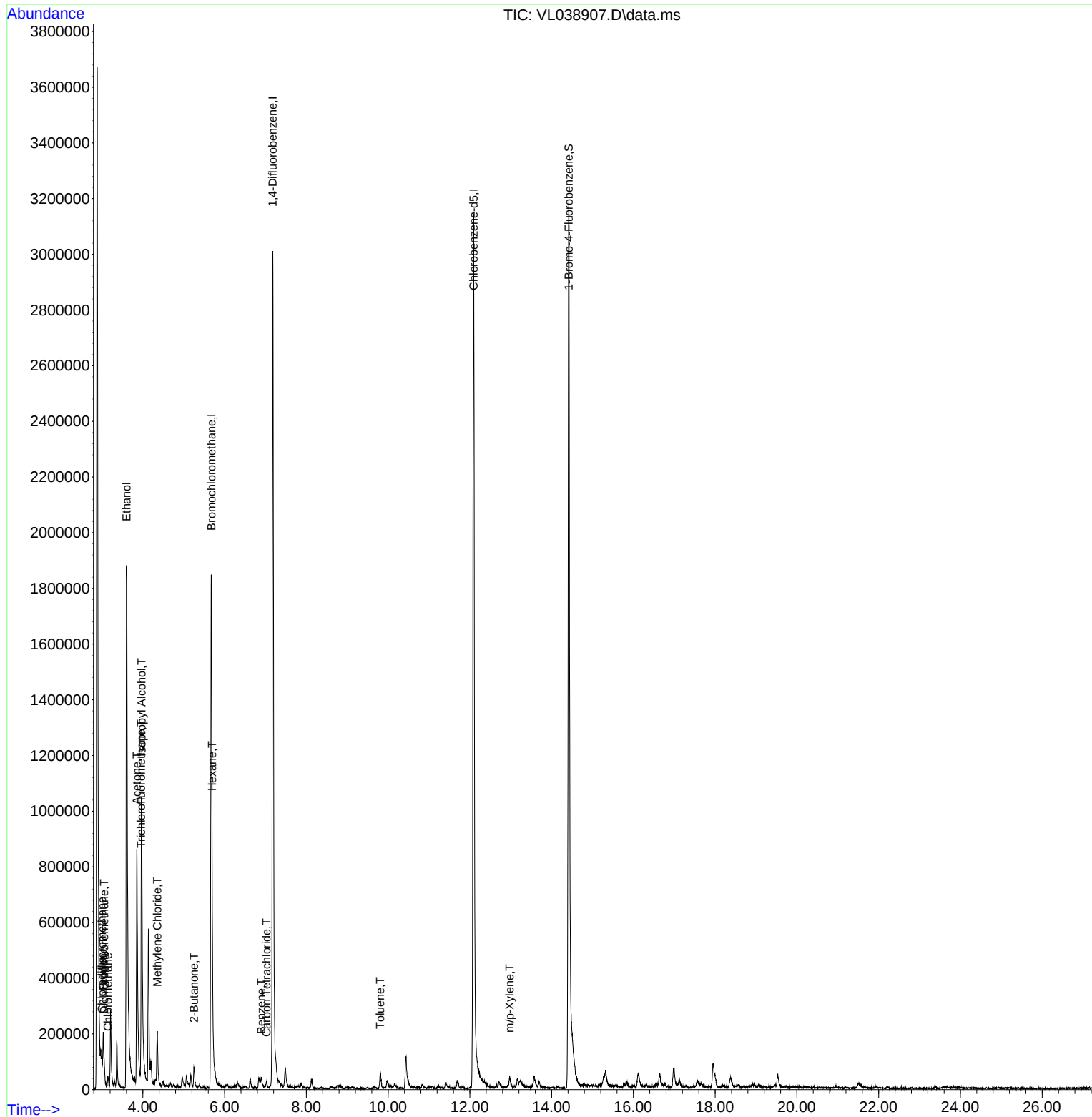
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041322\
Data File : VL038907.D
Acq On : 13 Apr 2022 17:35
Operator : SY/AP
Sample : N2383-01
Misc : 400mL/MSVOA_L
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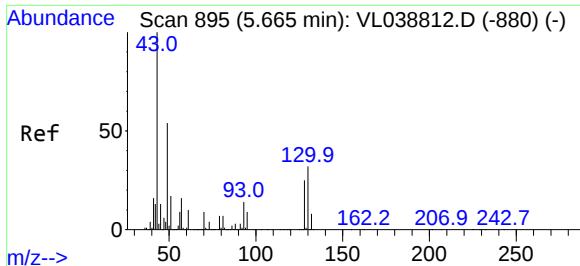
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Apr 14 08:25:49 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

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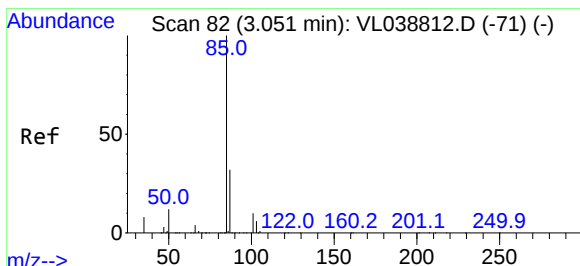
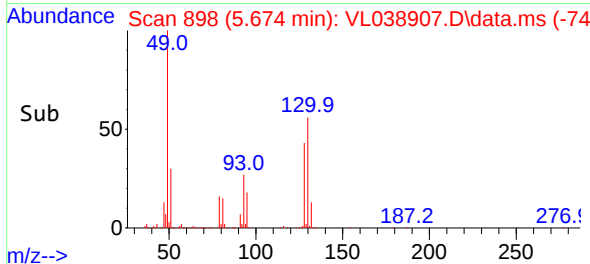
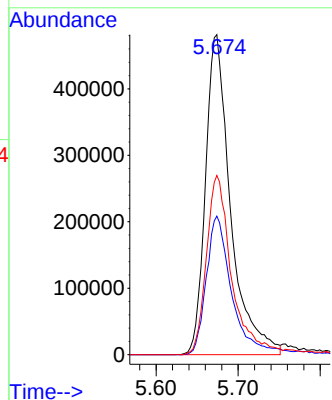
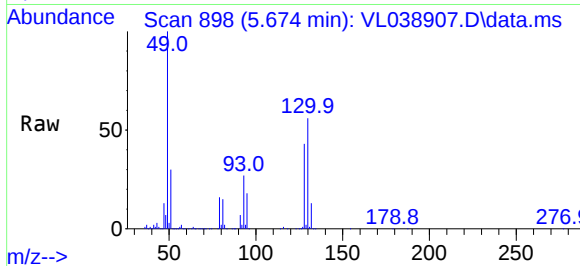
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 89
Delta R.T. 0.009 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35

Instrument :
MSVOA_L
ClientSampleId :
1

Tgt Ion: 49 Resp: 1026538
Ion Ratio Lower Upper
49 100
128 45.4 24.1 72.3
130 58.4 30.9 92.8

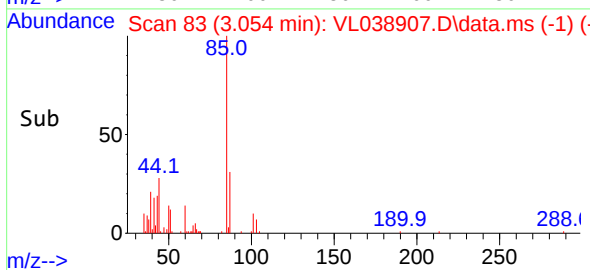
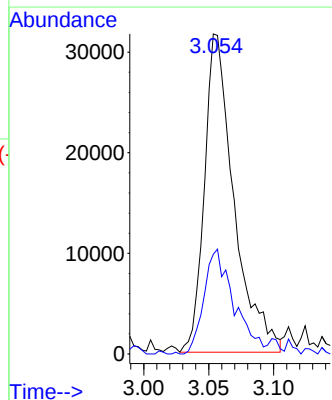
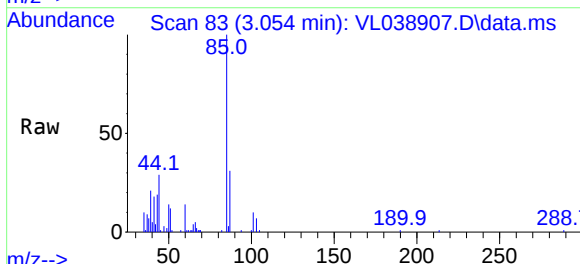
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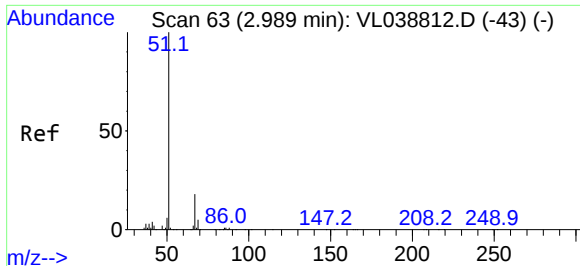
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#2
Dichlorodifluoromethane
Concen: 0.345 ppbv
RT: 3.054 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35

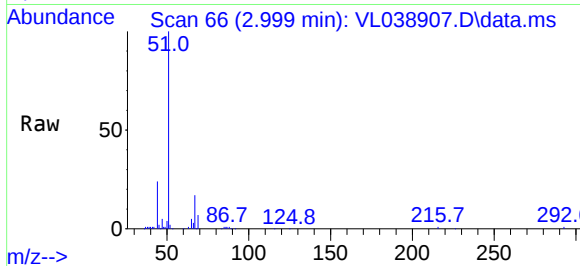
Tgt Ion: 85 Resp: 50164
Ion Ratio Lower Upper
85 100
87 31.3 25.9 38.9





#3
Chlorodifluoromethane
Concen: 0.918 ppbv m
RT: 2.999 min Scan# 60
Delta R.T. 0.009 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35

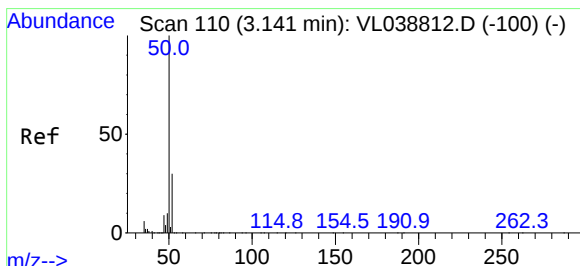
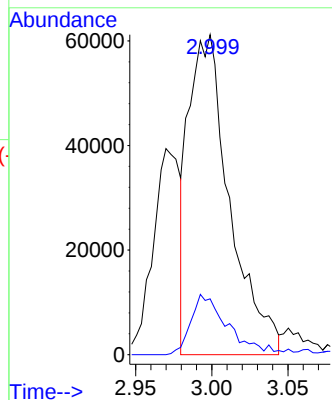
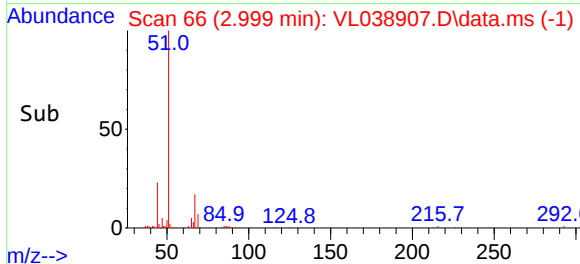
Instrument :
MSVOA_L
ClientSampleId :
1



Tgt Ion: 51 Resp: 114940
Ion Ratio Lower Upper
51 100
67 18.2 13.4 20.0

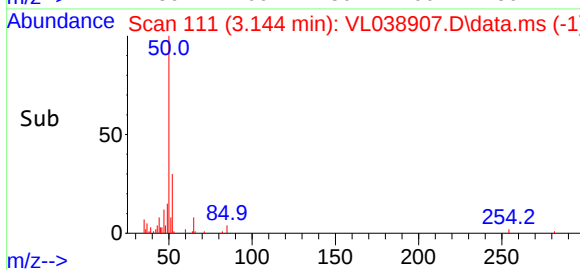
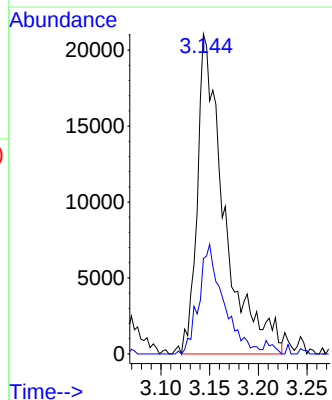
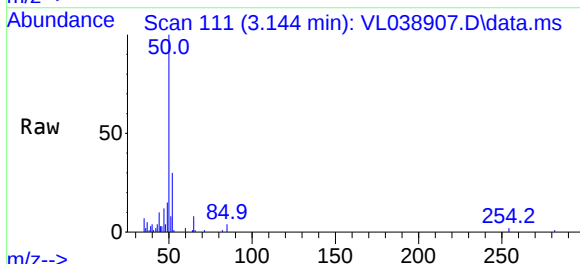
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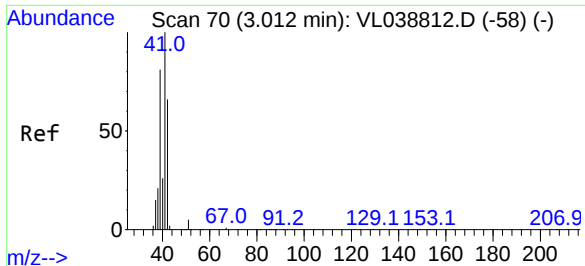
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#4
Chloromethane
Concen: 0.630 ppbv m
RT: 3.144 min Scan# 111
Delta R.T. 0.003 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35

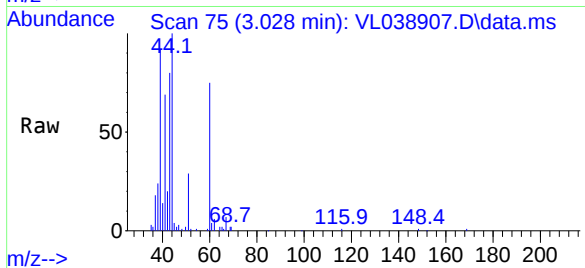
Tgt Ion: 50 Resp: 40876
Ion Ratio Lower Upper
50 100
52 29.8 24.3 36.5





#9
Propene
Concen: 0.621 ppbv
RT: 3.028 min Scan# 70
Delta R.T. 0.016 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35

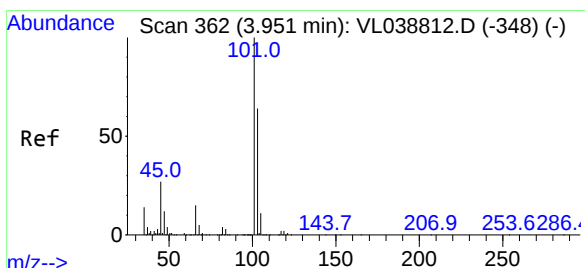
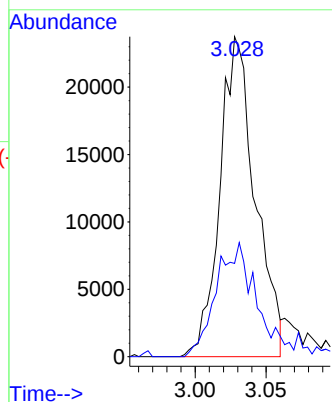
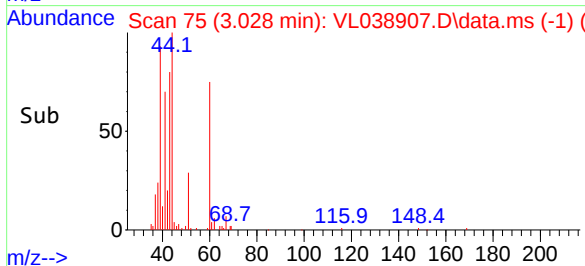
Instrument :
MSVOA_L
ClientSampleId :
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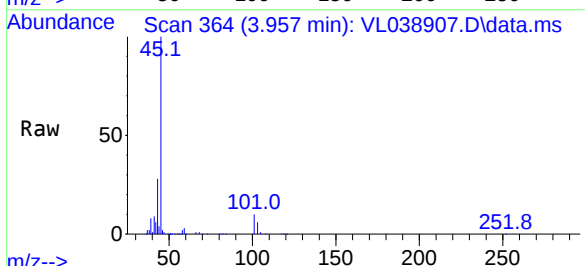
Tgt Ion: 41 Resp: 4119
Ion Ratio Lower Upper
41 100
42 42.5 54.2 81.4

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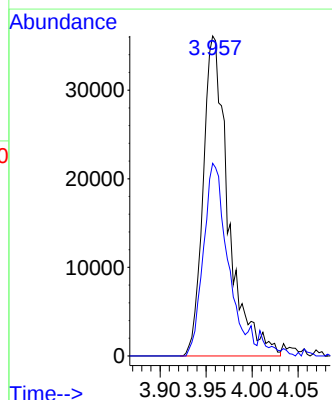
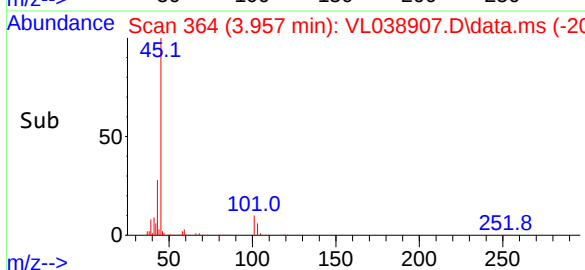
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

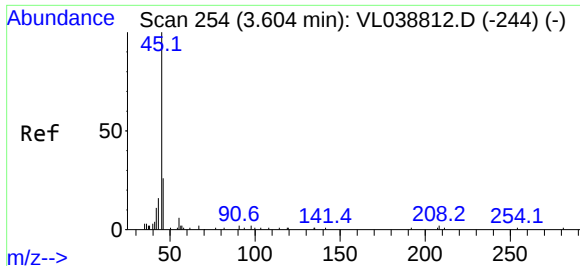


#11
Trichlorofluoromethane
Concen: 0.587 ppbv m
RT: 3.957 min Scan# 364
Delta R.T. 0.006 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35



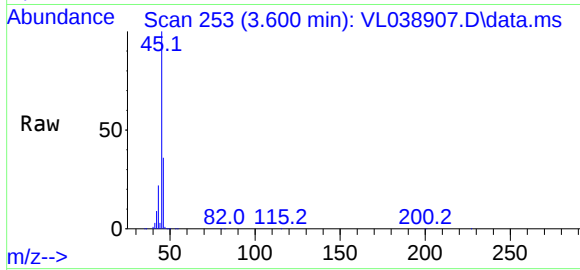
Tgt Ion:101 Resp: 68722
Ion Ratio Lower Upper
101 100
103 60.2 51.4 77.0





#13
Ethanol
Concen: 622.524 ppbv
RT: 3.600 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35

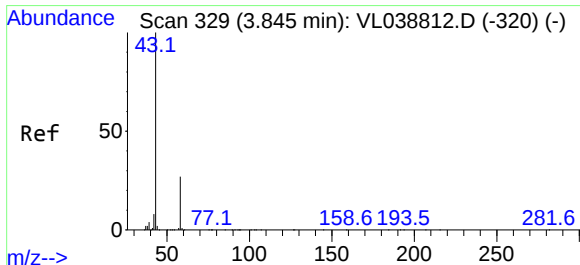
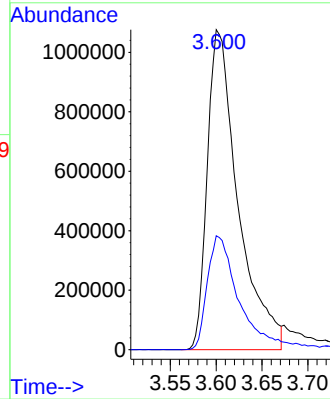
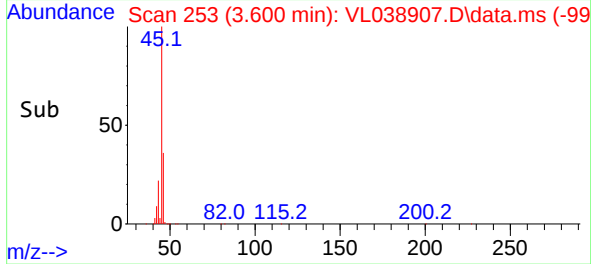
Instrument :
MSVOA_L
ClientSampleId :
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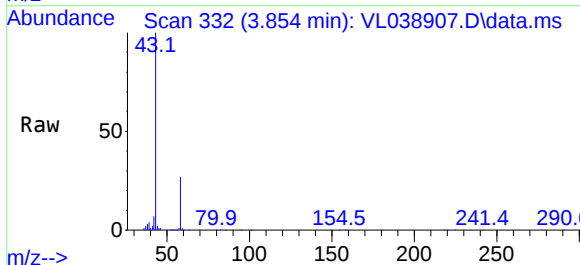
Tgt Ion: 45 Resp: 2507600
Ion Ratio Lower Upper
45 100
46 38.7 0.0 0.0

Manual Integrations
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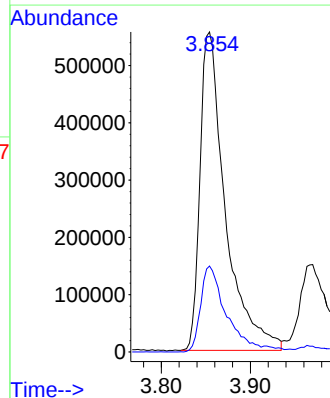
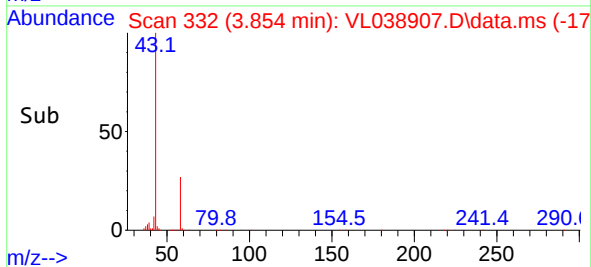
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Supervised By :Mahesh Dadoda 04/18/2022

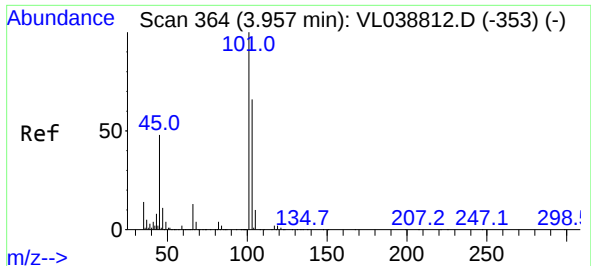


#15
Acetone
Concen: 10.754 ppbv
RT: 3.854 min Scan# 332
Delta R.T. 0.009 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35



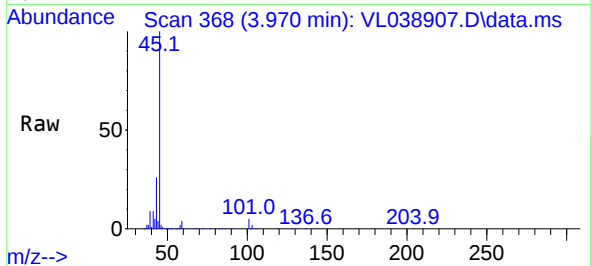
Tgt Ion: 43 Resp: 1099075
Ion Ratio Lower Upper
43 100
58 27.8 22.5 33.7





#19
Isopropyl Alcohol
Concen: 23.869 ppbv
RT: 3.970 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35

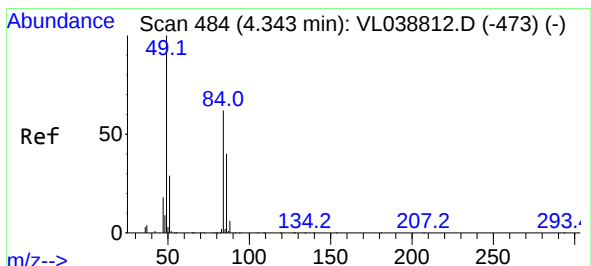
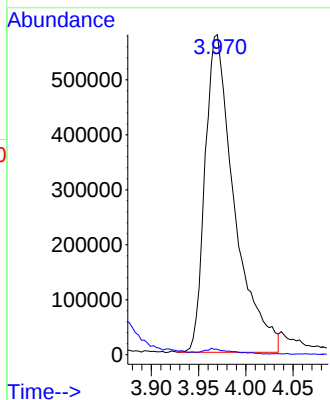
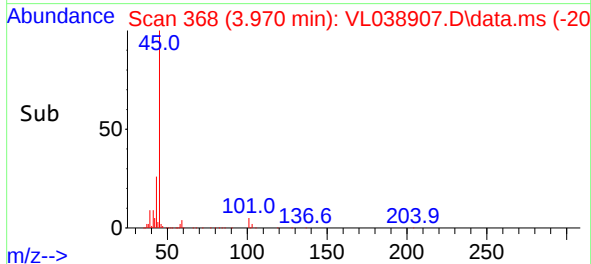
Instrument :
MSVOA_L
ClientSampleId :
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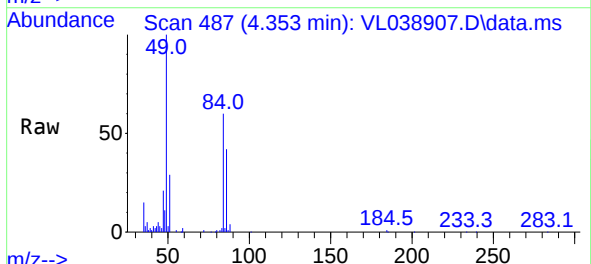
Tgt Ion: 45 Resp: 124680
Ion Ratio Lower Upper
45 100
58 2.4 0.0 0.0

Manual Integrations
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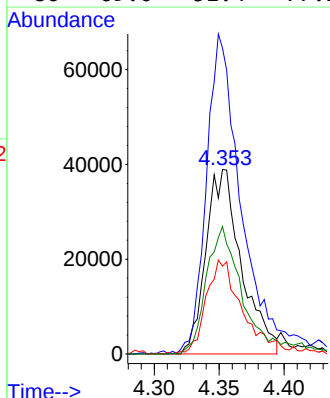
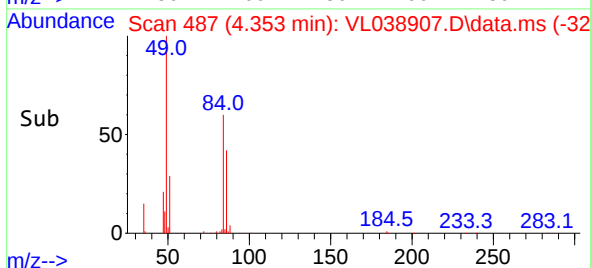
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

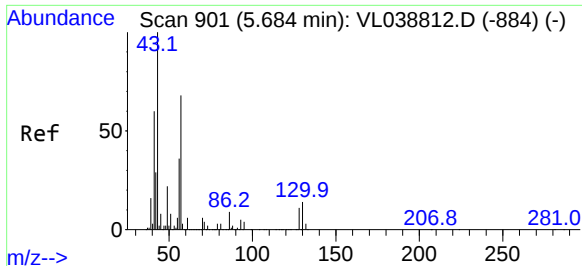


#20
Methylene Chloride
Concen: 2.001 ppbv m
RT: 4.353 min Scan# 487
Delta R.T. 0.009 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35



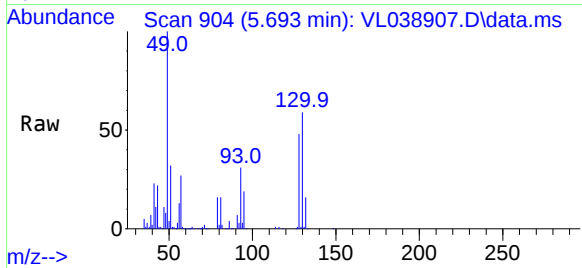
Tgt Ion: 84 Resp: 74150
Ion Ratio Lower Upper
84 100
49 165.7 129.4 194.0
51 47.6 37.4 56.2
86 69.0 51.4 77.2





#26
Hexane
Concen: 0.737 ppbv
RT: 5.693 min Scan# 901
Delta R.T. 0.009 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35

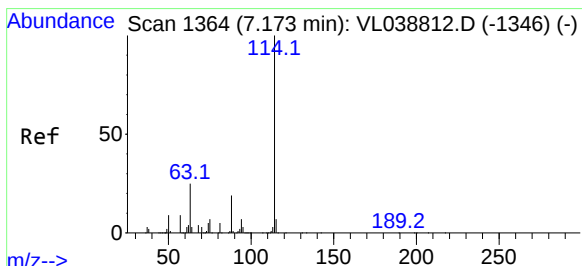
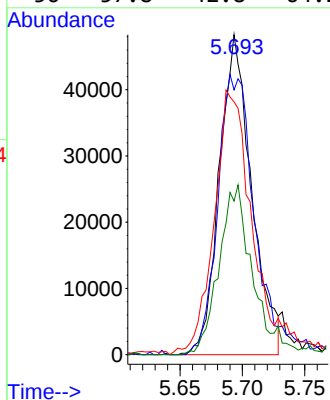
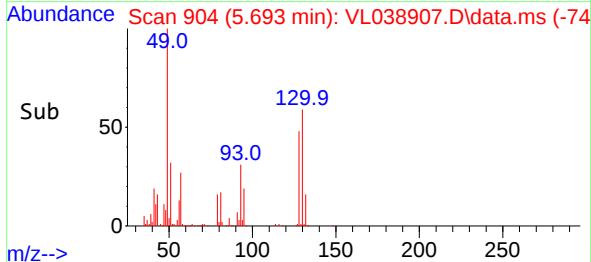
Instrument :
MSVOA_L
ClientSampleId :
1



Tgt Ion: 57 Resp: 86980
Ion Ratio Lower Upper
57 100
41 103.8 72.0 108.0
43 99.0 186.6 280.0
56 57.8 42.8 64.2

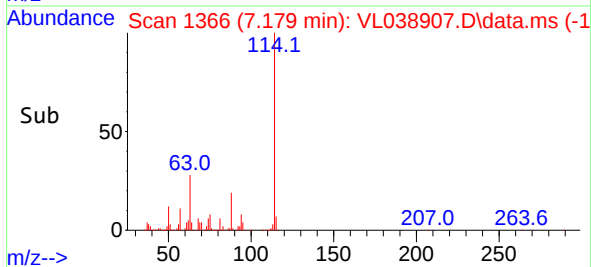
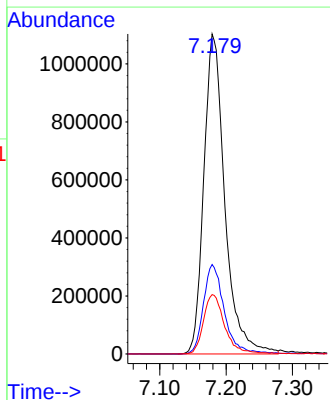
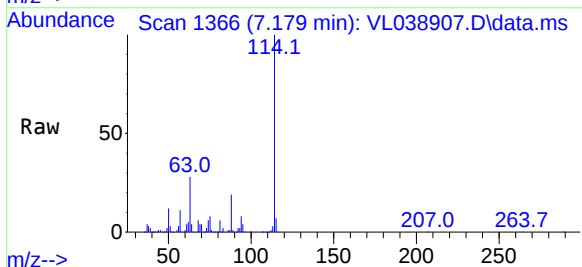
Manual Integrations
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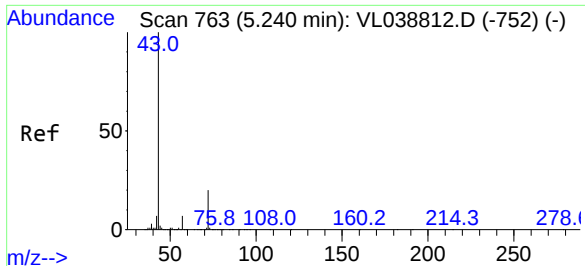
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35

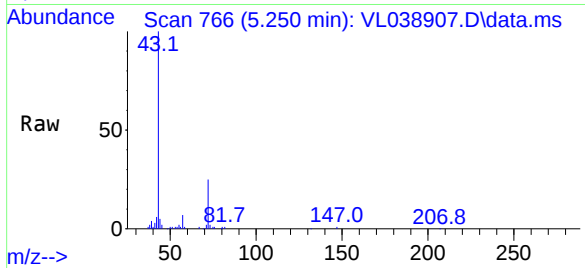
Tgt Ion:114 Resp: 2422011
Ion Ratio Lower Upper
114 100
63 28.0 19.8 29.8
88 19.0 14.2 21.4





#34
2-Butanone
Concen: 0.922 ppbv
RT: 5.250 min Scan# 70
Delta R.T. 0.009 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35

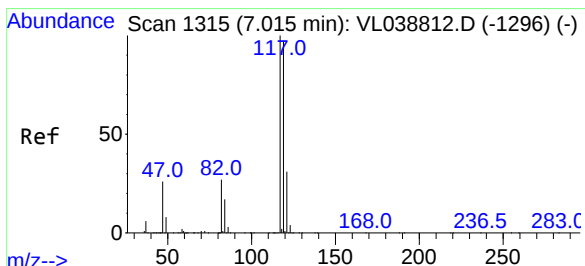
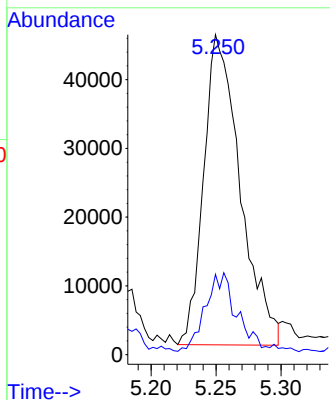
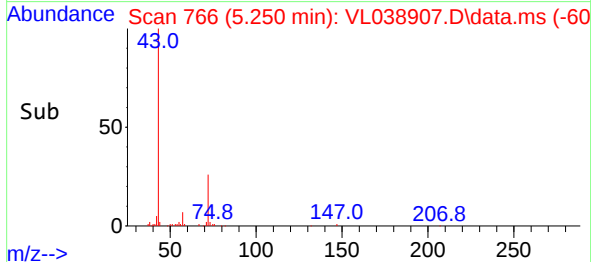
Instrument :
MSVOA_L
ClientSampleId :
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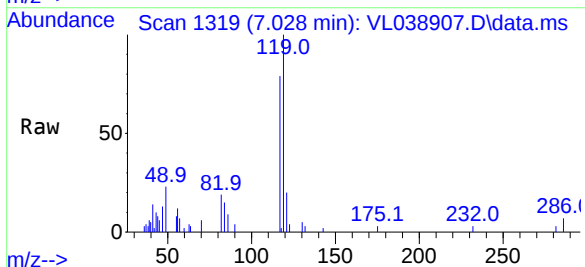
Tgt Ion: 43 Resp: 88250
Ion Ratio Lower Upper
43 100
72 26.7 16.9 25.3

Manual Integrations
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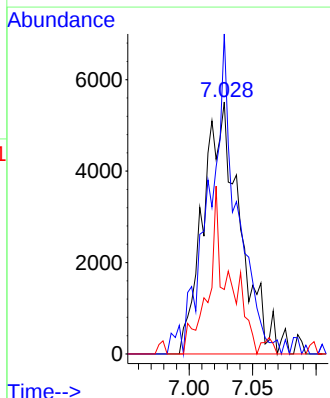
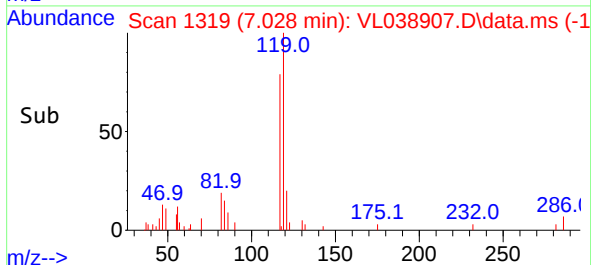
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

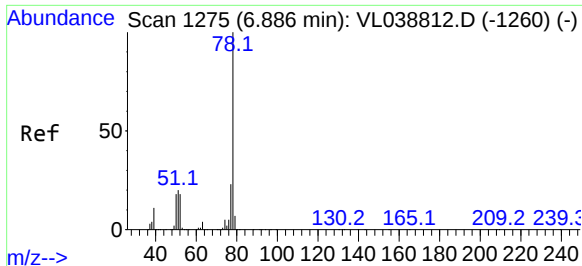


#35
Carbon Tetrachloride
Concen: 0.076 ppbv m
RT: 7.028 min Scan# 1319
Delta R.T. 0.013 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35



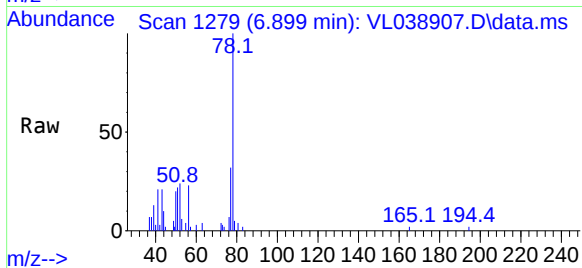
Tgt Ion:117 Resp: 11080
Ion Ratio Lower Upper
117 100
119 127.0 77.7 116.5#
121 25.6 24.5 36.7





#36
Benzene
Concen: 0.097 ppbv
RT: 6.899 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35

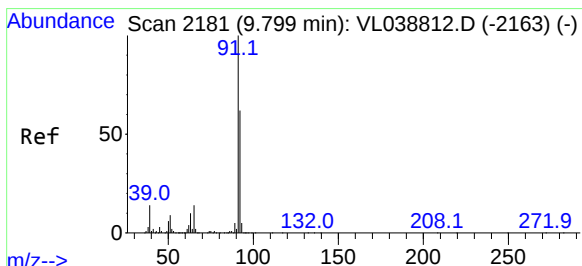
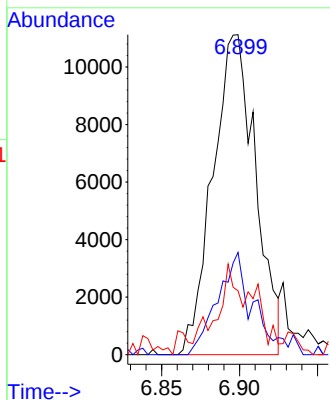
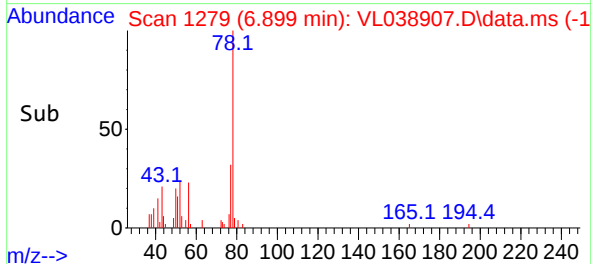
Instrument :
MSVOA_L
ClientSampleId :
1



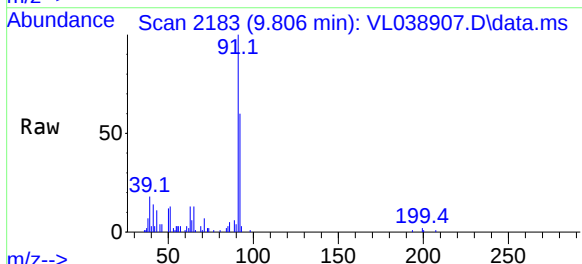
Tgt Ion: 78 Resp: 2126
Ion Ratio Lower Upper
78 100
77 32.0 18.2 27.2
50 38.2 14.0 21.0

Manual Integrations
APPROVED

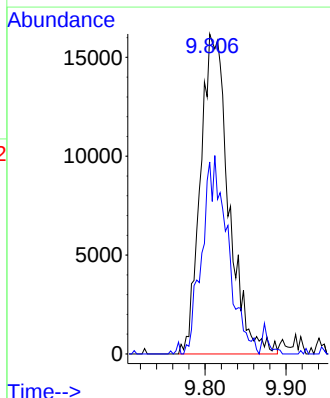
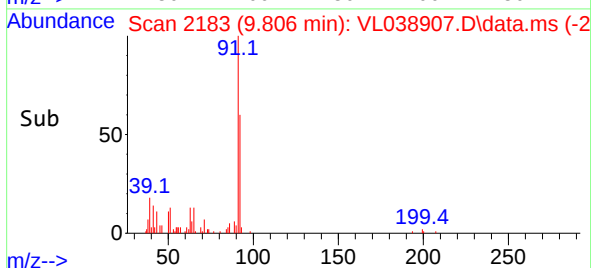
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

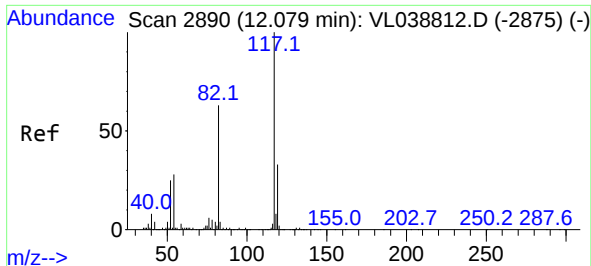


#53
Toluene
Concen: 0.154 ppbv m
RT: 9.806 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35



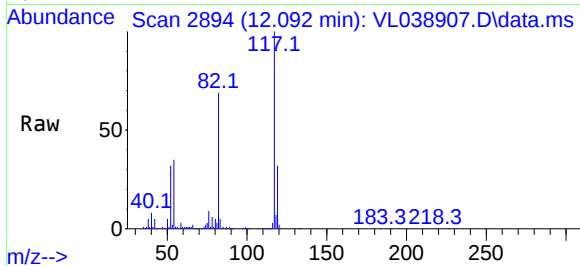
Tgt Ion: 91 Resp: 39241
Ion Ratio Lower Upper
91 100
92 0.0 49.2 73.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35

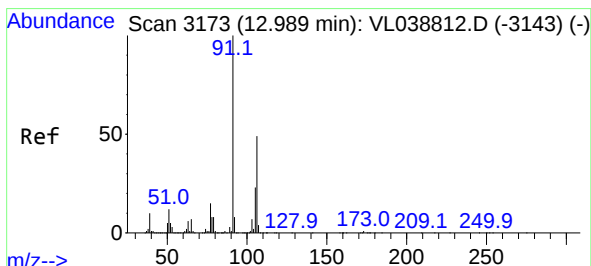
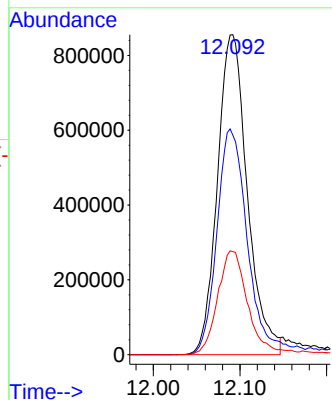
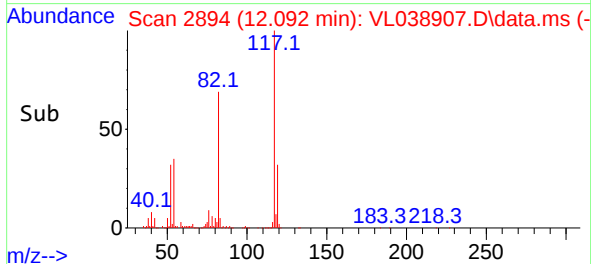
Instrument :
MSVOA_L
ClientSampleId :
1



Tgt Ion:117 Resp: 2057524
Ion Ratio Lower Upper
117 100
82 76.8 53.0 79.6
119 33.9 24.9 37.3

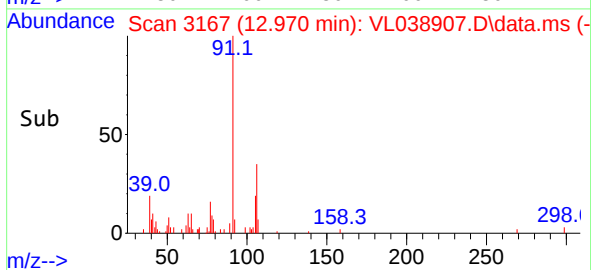
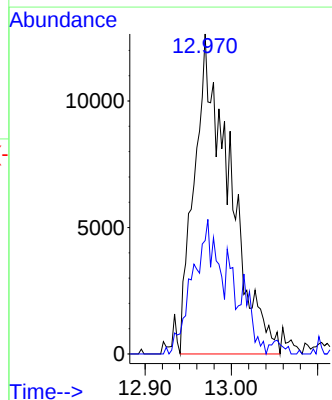
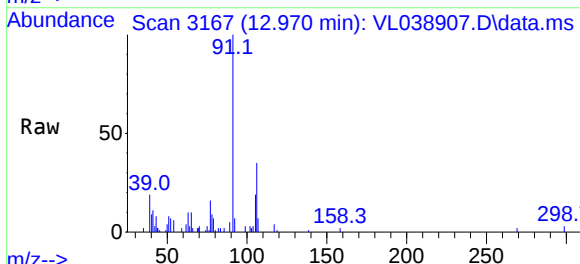
Manual Integrations
APPROVED

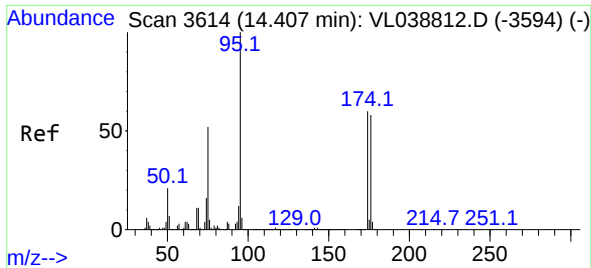
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#59
m/p-Xylene
Concen: 0.139 ppbv m
RT: 12.970 min Scan# 3167
Delta R.T. -0.020 min
Lab File: VL038907.D
Acq: 13 Apr 2022 17:35

Tgt Ion: 91 Resp: 35909
Ion Ratio Lower Upper
91 100
106 0.0 37.1 55.7#





#68

1-Bromo-4-Fluorobenzene

Concen: 11.015 ppbv

RT: 14.420 min Scan# 30

Delta R.T. 0.013 min

Lab File: VL038907.D

Acq: 13 Apr 2022 17:35

Instrument :

MSVOA_L

ClientSampleId :

1

Tgt Ion: 95 Resp: 171908

Ion Ratio Lower Upper

95 100

174 64.6 52.0 78.0

175 4.6 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2022

Supervised By :Mahesh Dadoda 04/18/2022

