

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041322\
 Data File : VL038908.D
 Acq On : 13 Apr 2022 18:16
 Operator : SY/AP
 Sample : N2383-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1DUP

Manual Integrations
 APPROVED

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

Quant Time: Apr 14 08:26:05 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 0
 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	990780	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	2292211	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	2022807	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	1721451	11.219	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.057	85	47062	0.335	ppbv	99
3) Chlorodifluoromethane	2.996	51	111491m	0.922	ppbv	
4) Chloromethane	3.150	50	40590m	0.648	ppbv	
9) Propene	3.035	41	40870m	0.639	ppbv	
11) Trichlorofluoromethane	3.954	101	54290	0.481	ppbv	89
13) Ethanol	3.604	45	2628154	675.998	ppbv #	100
15) Acetone	3.854	43	1081839	10.967	ppbv	100
19) Isopropyl Alcohol	3.970	45	1276798	25.326	ppbv #	100
20) Methylene Chloride	4.356	84	74202	2.074	ppbv	94
26) Hexane	5.697	57	89882m	0.789	ppbv	
34) 2-Butanone	5.253	43	88156	0.973	ppbv #	89
35) Carbon Tetrachloride	7.031	117	11521m	0.084	ppbv	
36) Benzene	6.893	78	23710m	0.114	ppbv	
53) Toluene	9.816	91	38504m	0.160	ppbv	
59) m/p-Xylene	12.967	91	37461m	0.148	ppbv	

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

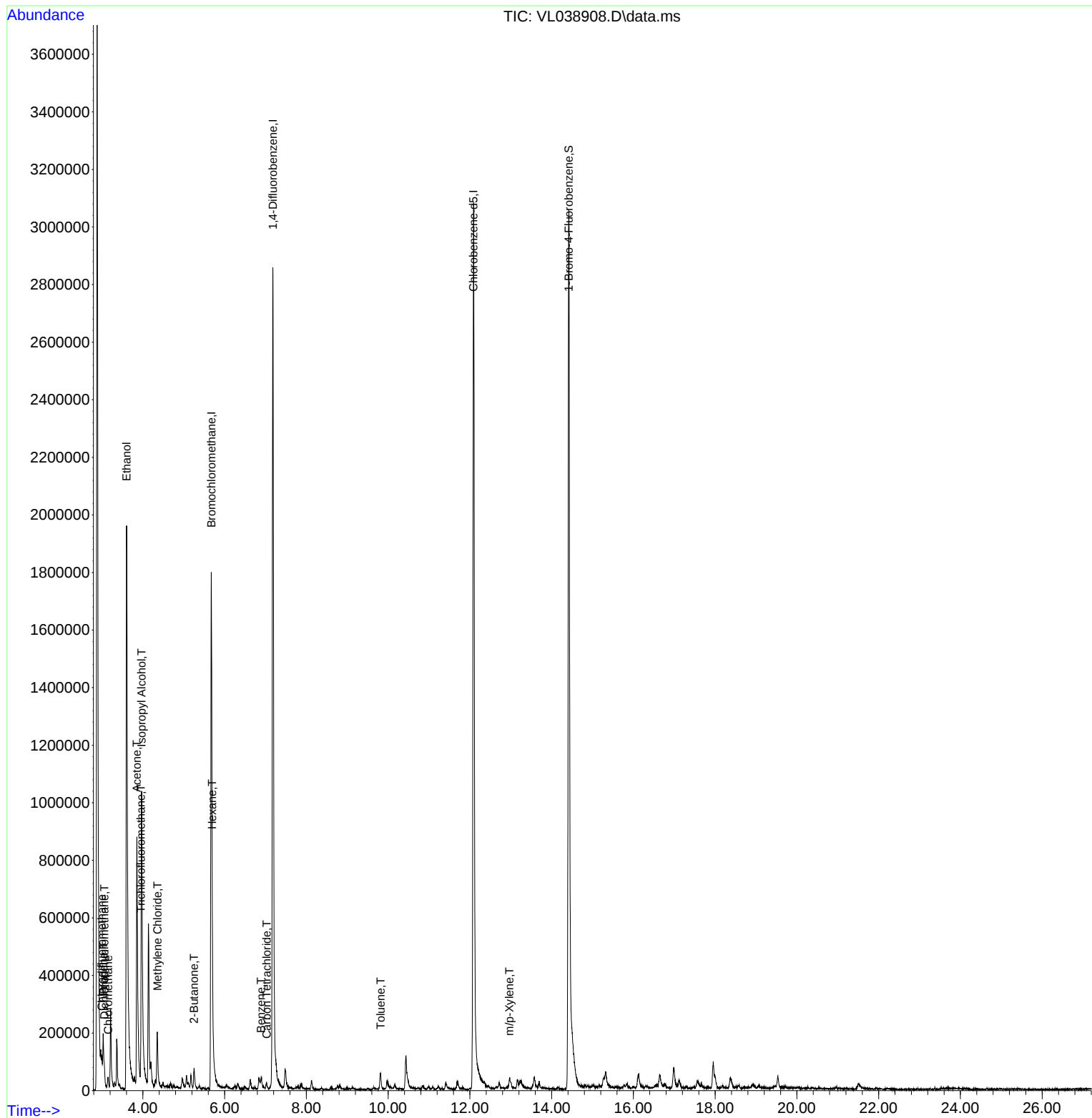
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041322\
Data File : VL038908.D
Acq On : 13 Apr 2022 18:16
Operator : SY/AP
Sample : N2383-01DUP
Misc : 400mL/MSVOA_L
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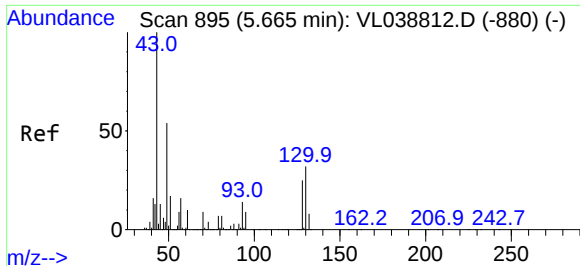
Instrument :
MSVOA_L
ClientSampleId :
1DUP

Quant Time: Apr 14 08:26:05 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

Manual Integrations
APPROVED

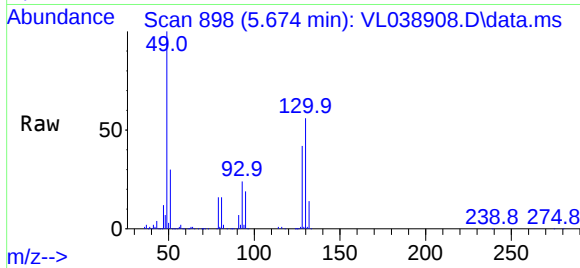
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 89
Delta R.T. 0.010 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16

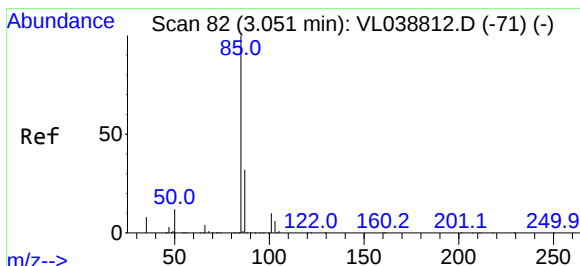
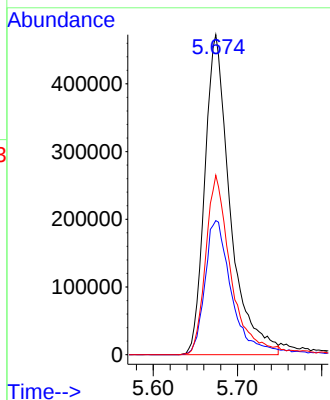
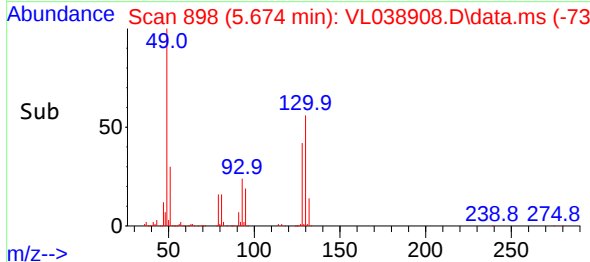
Instrument :
MSVOA_L
ClientSampleId :
1DUP



Tgt Ion: 49 Resp: 990780
Ion Ratio Lower Upper
49 100
128 46.3 24.1 72.3
130 57.9 30.9 92.8

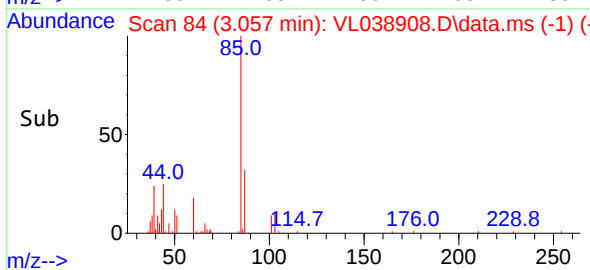
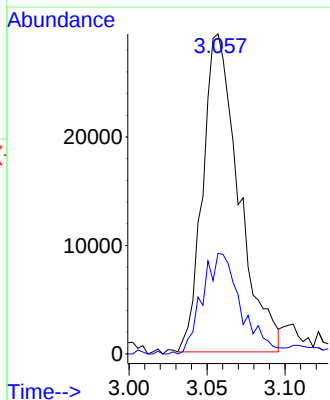
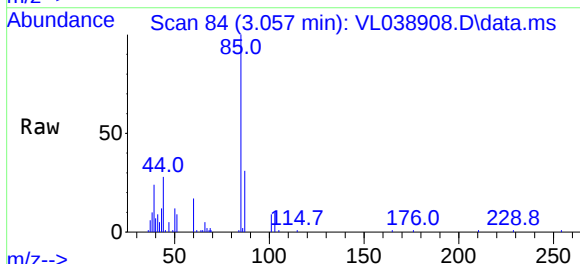
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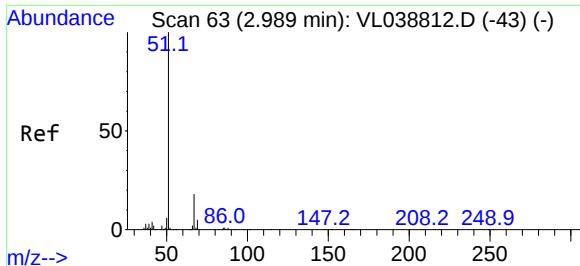
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#2
Dichlorodifluoromethane
Concen: 0.335 ppbv
RT: 3.057 min Scan# 84
Delta R.T. 0.006 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16

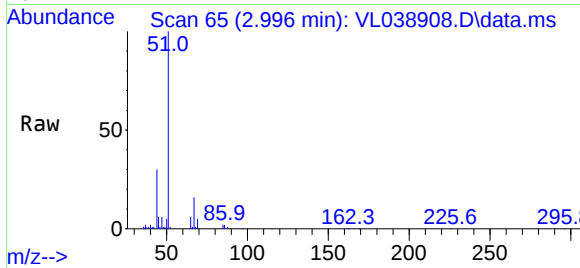
Tgt Ion: 85 Resp: 47062
Ion Ratio Lower Upper
85 100
87 31.7 25.9 38.9





#3
Chlorodifluoromethane
Concen: 0.922 ppbv m
RT: 2.996 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16

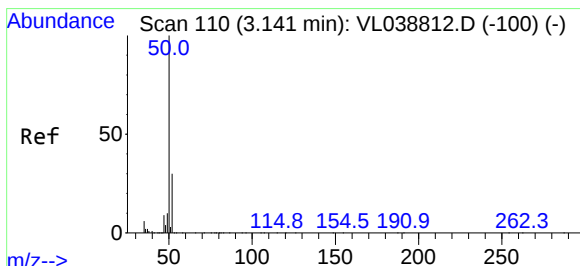
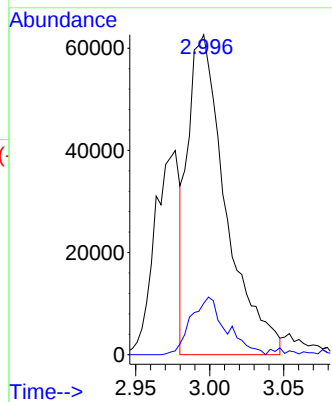
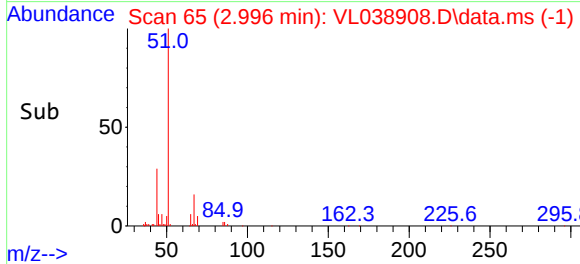
Instrument :
MSVOA_L
ClientSampleId :
1DUP



Tgt Ion: 51 Resp: 11149
Ion Ratio Lower Upper
51 100
67 17.5 13.4 20.0

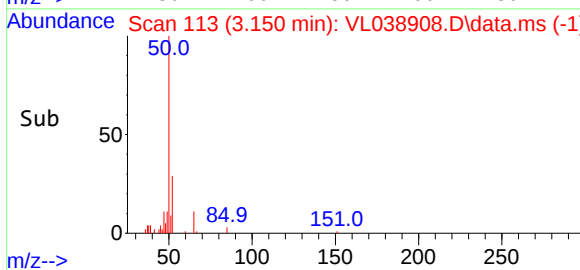
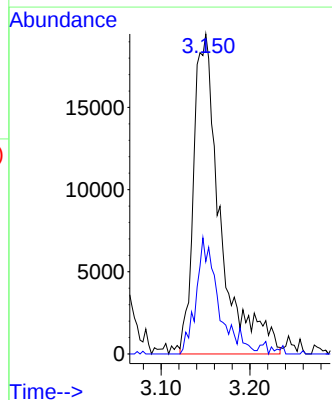
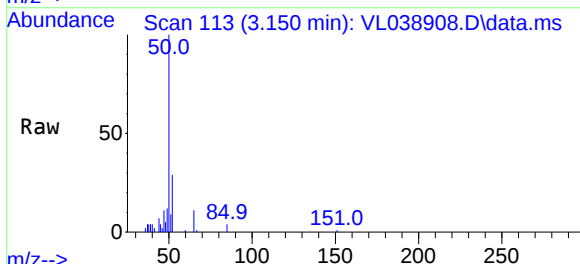
Manual Integrations
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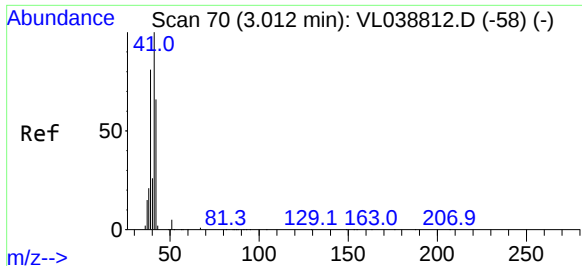
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#4
Chloromethane
Concen: 0.648 ppbv m
RT: 3.150 min Scan# 113
Delta R.T. 0.010 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16

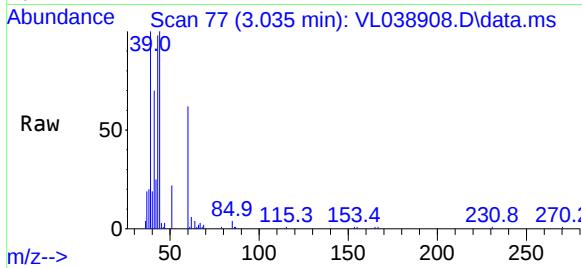
Tgt Ion: 50 Resp: 40590
Ion Ratio Lower Upper
50 100
52 28.9 24.3 36.5





#9
Propene
Concen: 0.639 ppbv m
RT: 3.035 min Scan# 71
Delta R.T. 0.023 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16

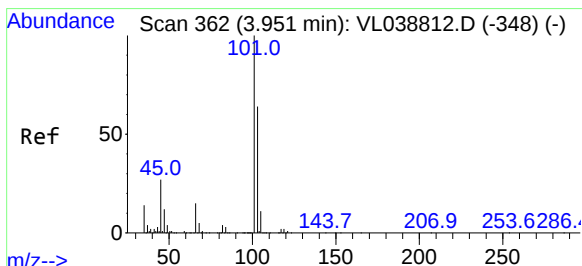
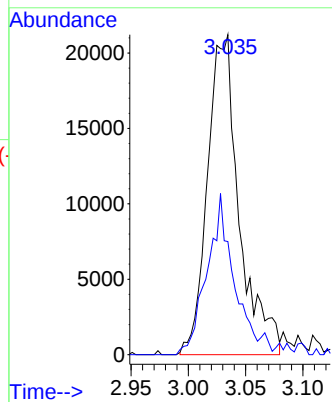
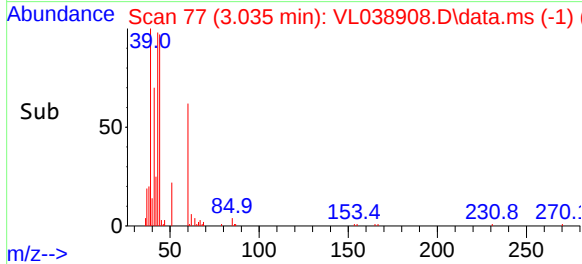
Instrument :
MSVOA_L
ClientSampleId :
1DUP



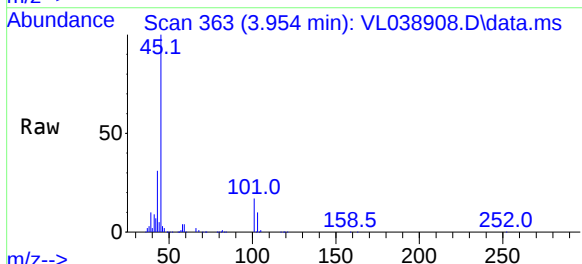
Tgt Ion: 41 Resp: 40870
Ion Ratio Lower Upper
41 100
42 46.0 54.2 81.4

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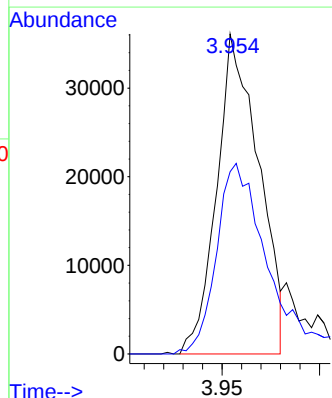
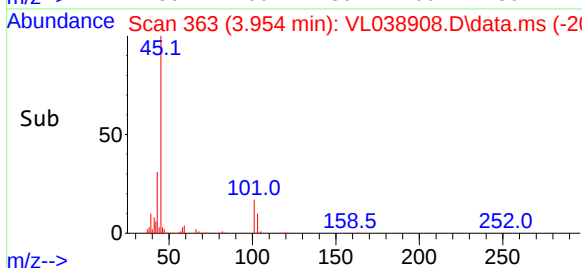
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

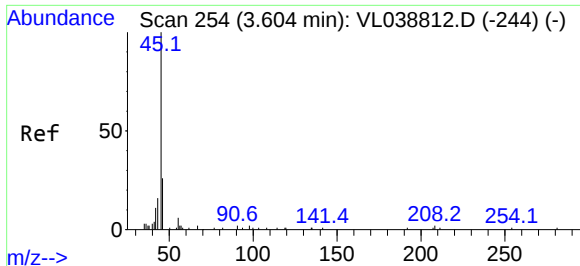


#11
Trichlorofluoromethane
Concen: 0.481 ppbv
RT: 3.954 min Scan# 363
Delta R.T. 0.003 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16



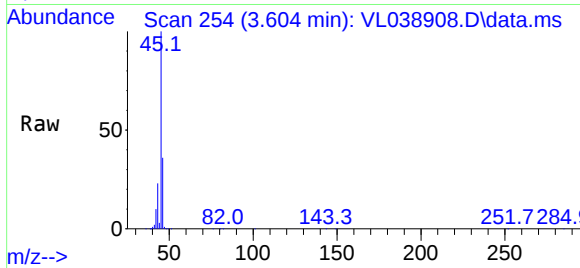
Tgt Ion:101 Resp: 54290
Ion Ratio Lower Upper
101 100
103 55.6 51.4 77.0





#13
Ethanol
Concen: 675.998 ppbv
RT: 3.604 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16

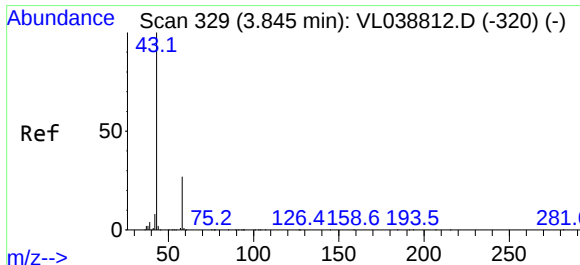
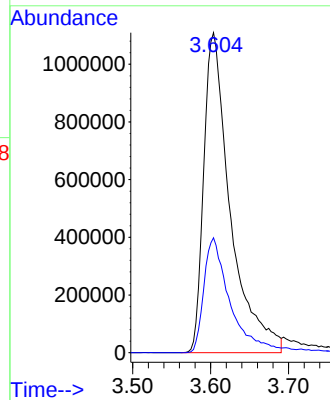
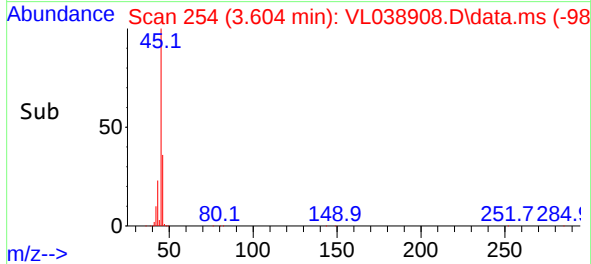
Instrument :
MSVOA_L
ClientSampleId :
1DUP



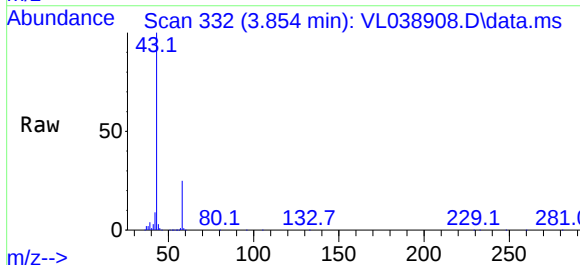
Tgt Ion: 45 Resp: 2628154
Ion Ratio Lower Upper
45 100
46 36.7 0.0 0.0

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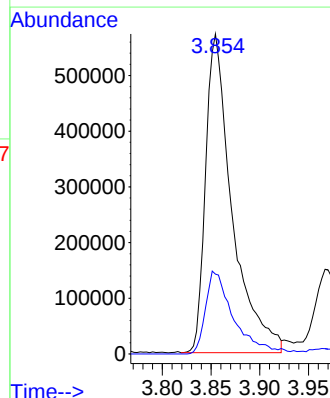
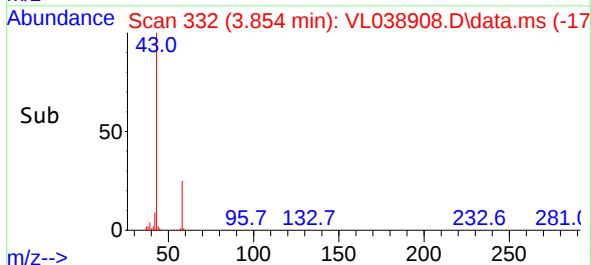
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

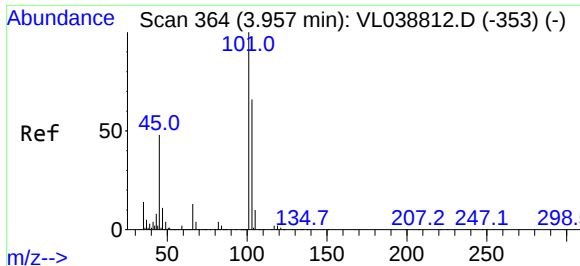


#15
Acetone
Concen: 10.967 ppbv
RT: 3.854 min Scan# 332
Delta R.T. 0.010 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16



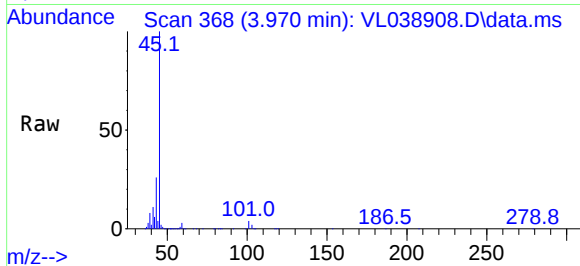
Tgt Ion: 43 Resp: 1081839
Ion Ratio Lower Upper
43 100
58 28.0 22.5 33.7





#19
Isopropyl Alcohol
Concen: 25.326 ppbv
RT: 3.970 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16

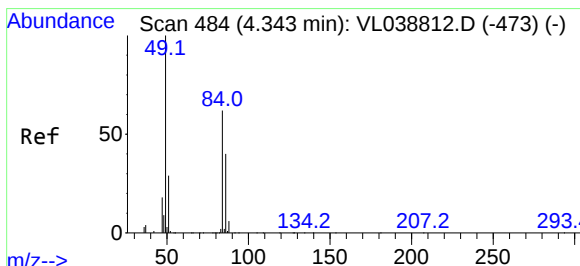
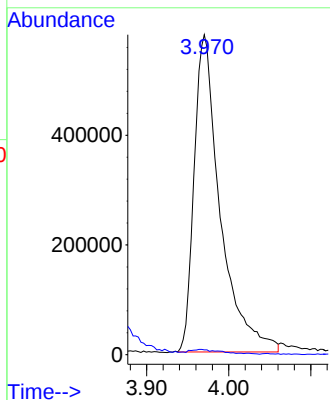
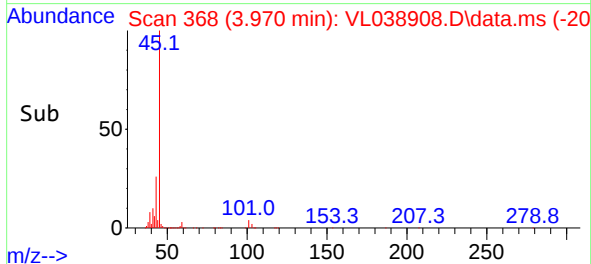
Instrument :
MSVOA_L
ClientSampleId :
1DUP



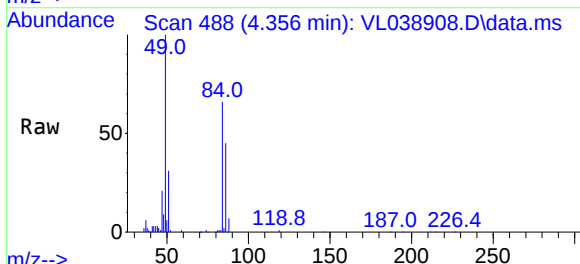
Tgt Ion: 45 Resp: 1276798
Ion Ratio Lower Upper
45 100
58 2.4 0.0 0.0

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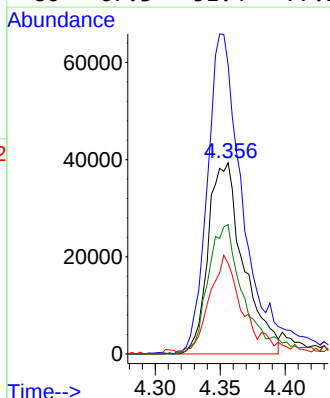
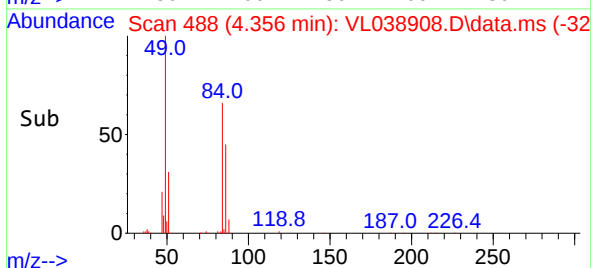
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

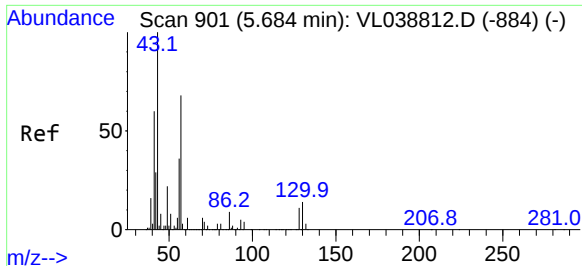


#20
Methylene Chloride
Concen: 2.074 ppbv
RT: 4.356 min Scan# 488
Delta R.T. 0.013 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16



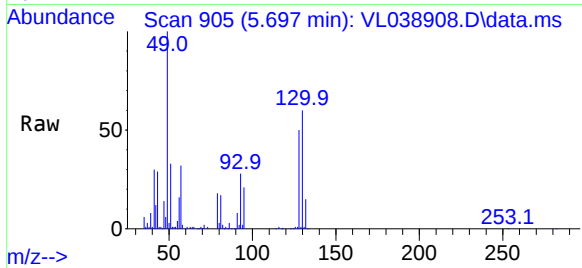
Tgt Ion: 84 Resp: 74202
Ion Ratio Lower Upper
84 100
49 149.8 129.4 194.0
51 46.7 37.4 56.2
86 67.3 51.4 77.2





#26
Hexane
Concen: 0.789 ppbv m
RT: 5.697 min Scan# 901
Delta R.T. 0.013 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16

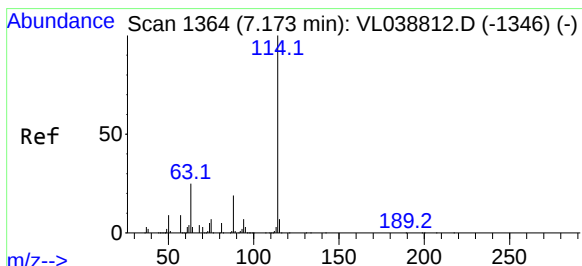
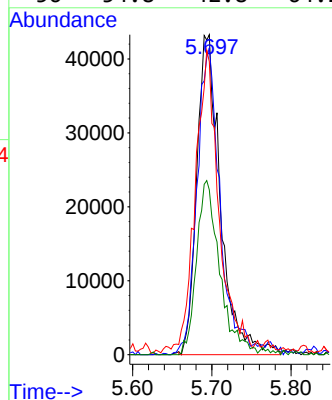
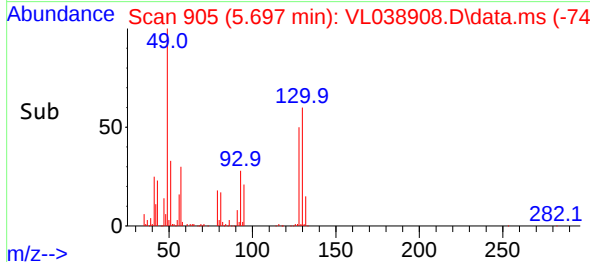
Instrument :
MSVOA_L
ClientSampleId :
1DUP



Tgt Ion: 57 Resp: 89882
Ion Ratio Lower Upper
57 100
41 95.4 72.0 108.0
43 95.6 186.6 280.0
56 54.8 42.8 64.2

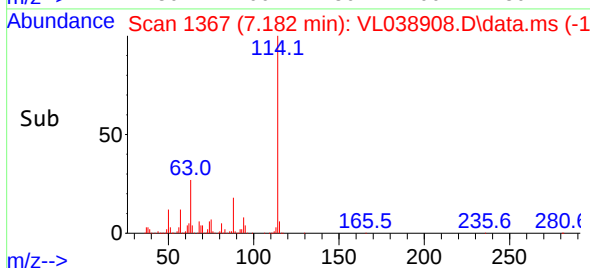
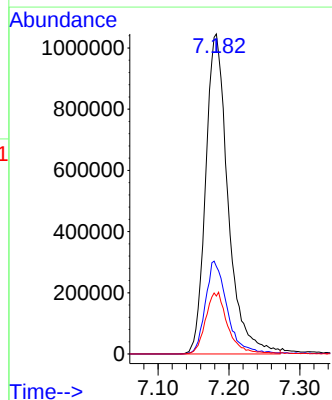
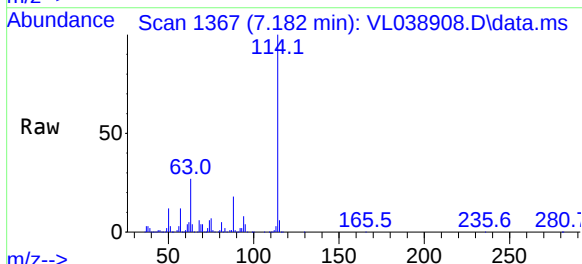
Manual Integrations
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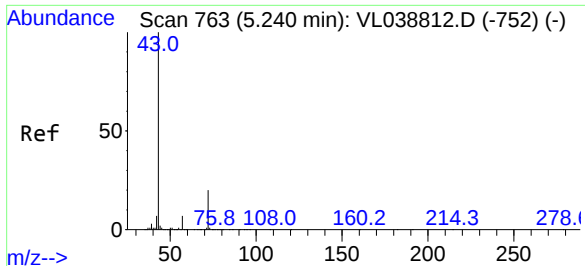
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 1367
Delta R.T. 0.010 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16

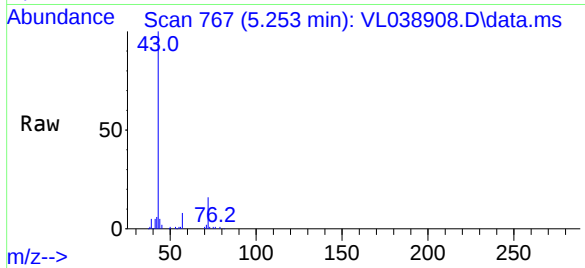
Tgt Ion:114 Resp: 2292211
Ion Ratio Lower Upper
114 100
63 28.6 19.8 29.8
88 19.4 14.2 21.4





#34
2-Butanone
Concen: 0.973 ppbv
RT: 5.253 min Scan# 763
Delta R.T. 0.013 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16

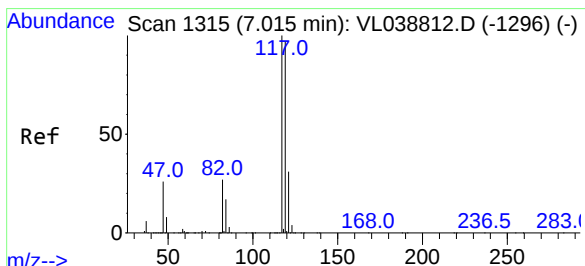
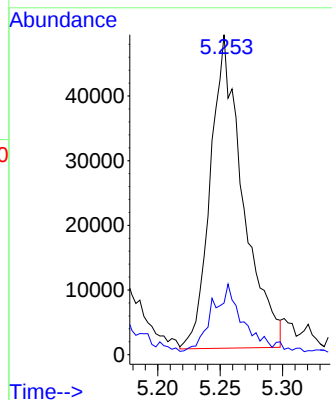
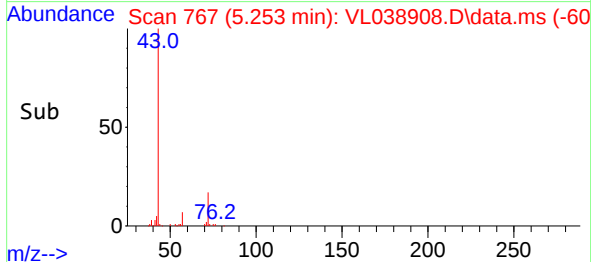
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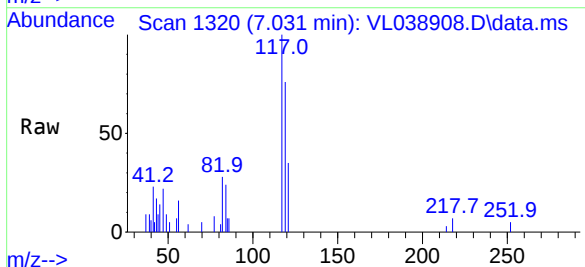
Tgt Ion: 43 Resp: 88150
Ion Ratio Lower Upper
43 100
72 26.4 16.9 25.3

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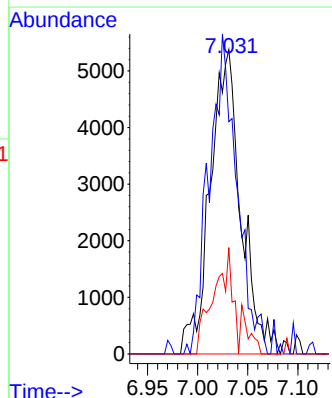
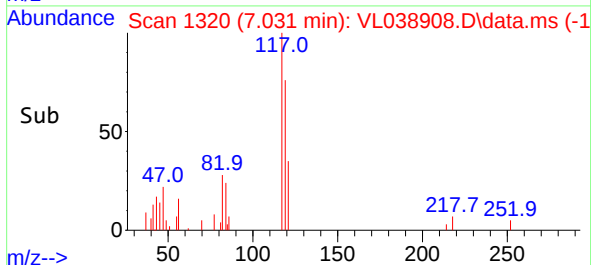
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Supervised By :Mahesh Dadoda 04/18/2022

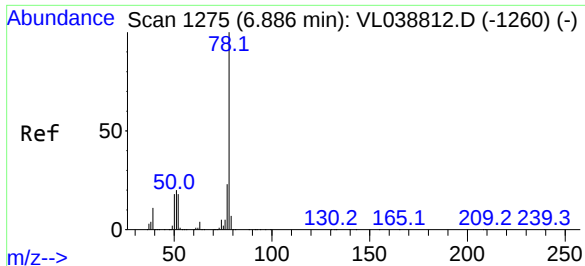


#35
Carbon Tetrachloride
Concen: 0.084 ppbv m
RT: 7.031 min Scan# 1320
Delta R.T. 0.016 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16



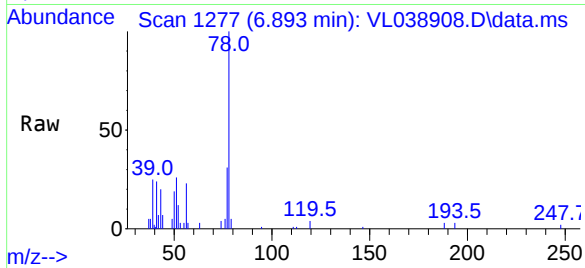
Tgt Ion:117 Resp: 11521
Ion Ratio Lower Upper
117 100
119 76.3 77.7 116.5#
121 34.9 24.5 36.7





#36
Benzene
Concen: 0.114 ppbv m
RT: 6.893 min Scan# 1277
Delta R.T. 0.006 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16

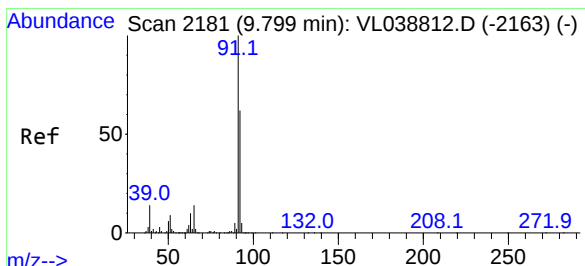
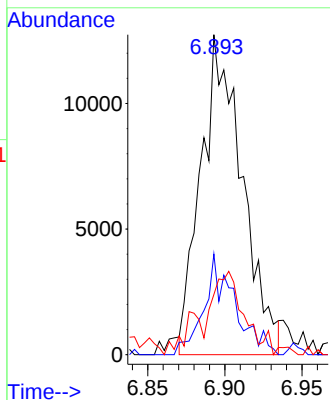
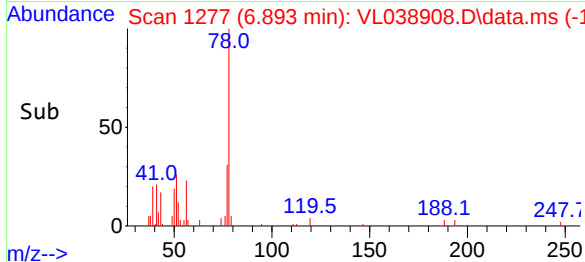
Instrument :
MSVOA_L
ClientSampleId :
1DUP



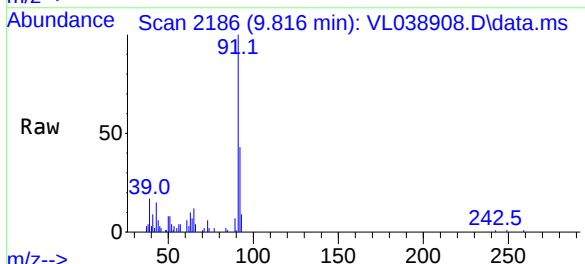
Tgt Ion: 78 Resp: 23710
Ion Ratio Lower Upper
78 100
77 31.5 18.2 27.2
50 18.8 14.0 21.0

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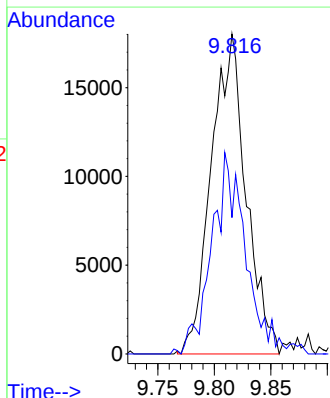
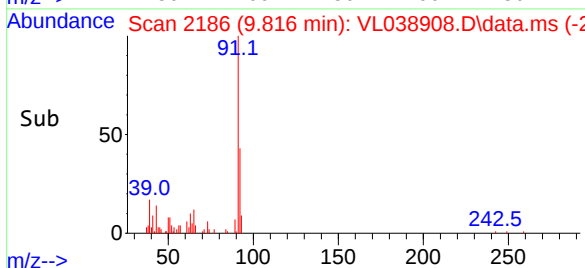
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

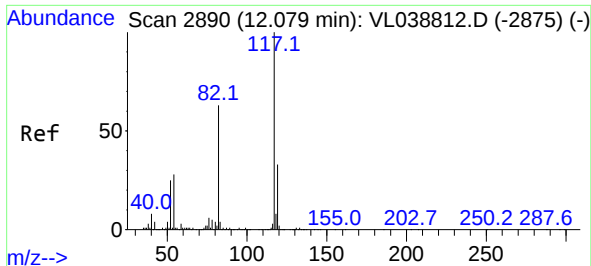


#53
Toluene
Concen: 0.160 ppbv m
RT: 9.816 min Scan# 2186
Delta R.T. 0.016 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16



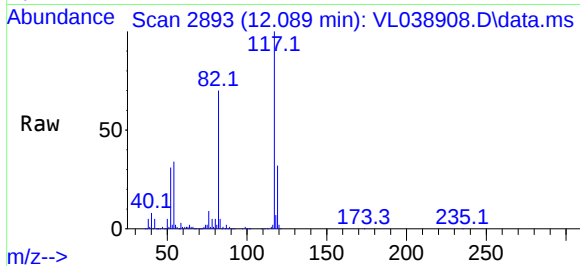
Tgt Ion: 91 Resp: 38504
Ion Ratio Lower Upper
91 100
92 0.0 49.2 73.8#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16

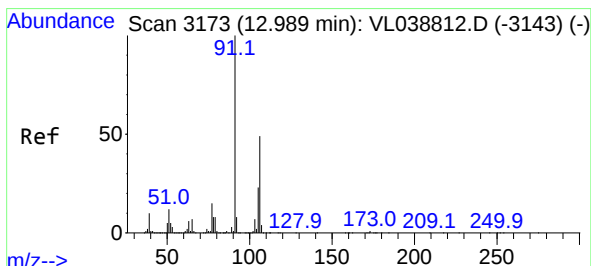
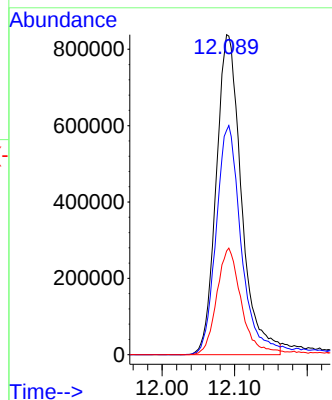
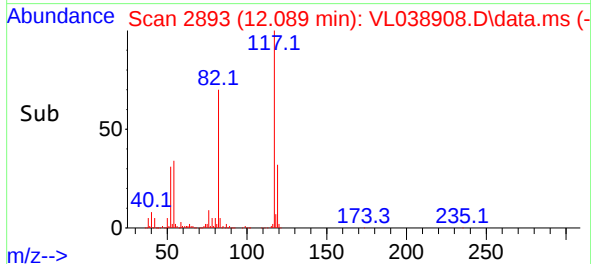
Instrument :
MSVOA_L
ClientSampleId :
1DUP



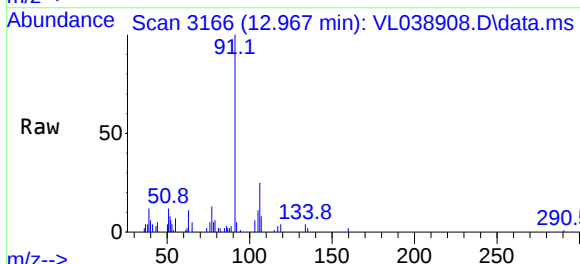
Tgt Ion: 117 Resp: 202280
Ion Ratio Lower Upper
117 100
82 74.4 53.0 79.6
119 33.3 24.9 37.3

Manual Integrations
APPROVED

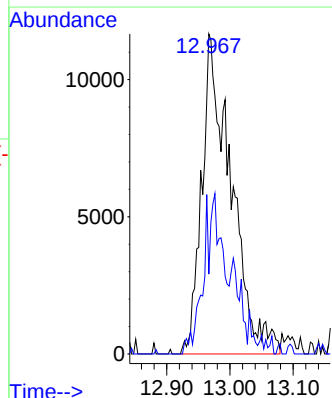
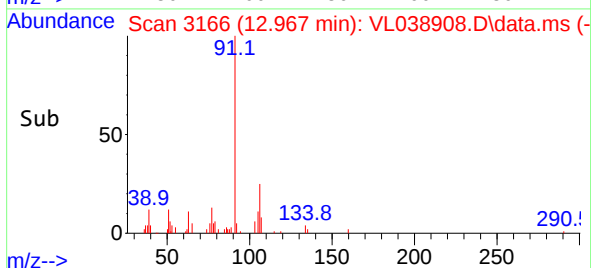
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



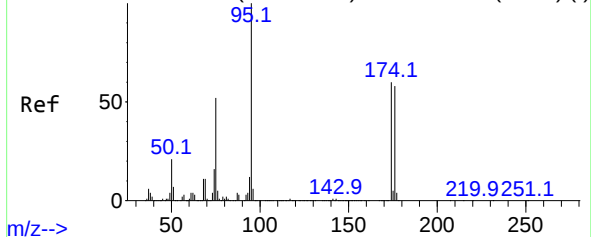
#59
m/p-Xylene
Concen: 0.148 ppbv m
RT: 12.967 min Scan# 3166
Delta R.T. -0.022 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16



Tgt Ion: 91 Resp: 37461
Ion Ratio Lower Upper
91 100
106 0.0 37.1 55.7#



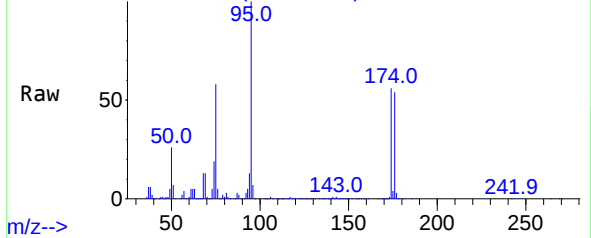
Abundance Scan 3614 (14.407 min): VL038812.D (-3594) (-)



#68
1-Bromo-4-Fluorobenzene
Concen: 11.219 ppbv
RT: 14.417 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL038908.D
Acq: 13 Apr 2022 18:16

Instrument :
MSVOA_L
ClientSampleId :
1DUP

Abundance Scan 3617 (14.417 min): VL038908.D\data.ms



Tgt Ion: 95 Resp: 172145
Ion Ratio Lower Upper
95 100
174 62.2 52.0 78.0
175 4.5 4.0 6.0

Manual Integrations
APPROVED

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

Abundance Scan 3617 (14.417 min): VL038908.D\data.ms (-)

