

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039500.D
 Acq On : 20 Jul 2022 3:50
 Operator : SY/AP
 Sample : N3750-08
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022

Quant Time: Jul 20 05:43:25 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.681	49	985202	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	2846802	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	2497293	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	1929778	10.416	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.060	85	31415	0.221	ppbv	90
3) Chlorodifluoromethane	2.999	51	43239m	0.346	ppbv	
4) Chloromethane	3.150	50	35251	0.516	ppbv	94
9) Propene	3.028	41	34061	0.603	ppbv	87
11) Trichlorofluoromethane	3.960	101	35677	0.225	ppbv	97
13) Ethanol	3.607	45	301066	91.931	ppbv	75
15) Acetone	3.854	43	756036	6.486	ppbv	93
19) Isopropyl Alcohol	3.977	45	80757m	1.299	ppbv	
20) Methylene Chloride	4.356	84	85605	1.843	ppbv	97
26) Hexane	5.700	57	91856	0.953	ppbv #	45
34) 2-Butanone	5.256	43	70443	0.492	ppbv	98
35) Carbon Tetrachloride	7.037	117	10393m	0.059	ppbv	
36) Benzene	6.906	78	26992m	0.123	ppbv	
53) Toluene	9.825	91	76087	0.299	ppbv	91

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

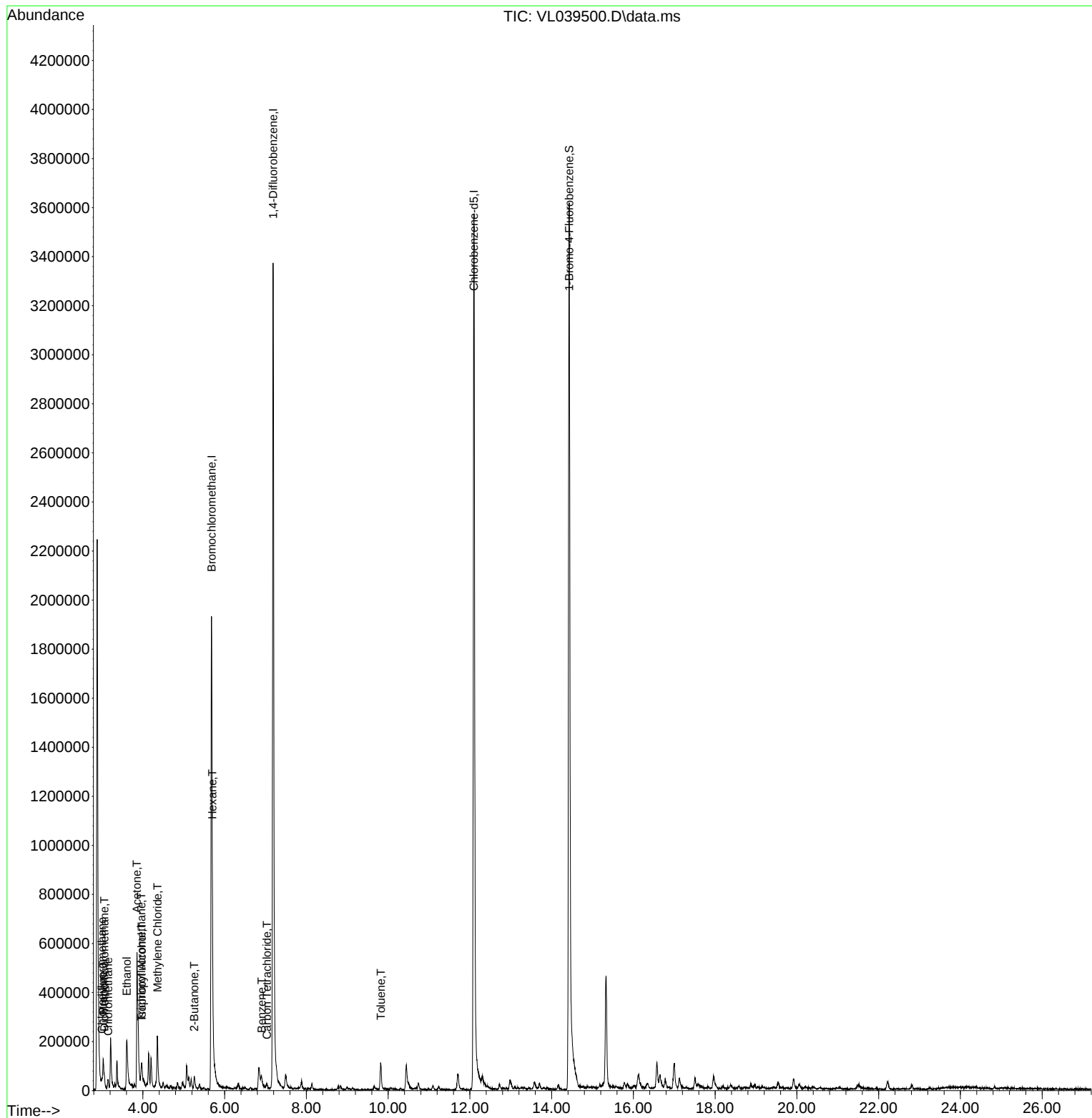
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
Data File : VL039500.D
Acq On : 20 Jul 2022 3:50
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Sample : N3750-08
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

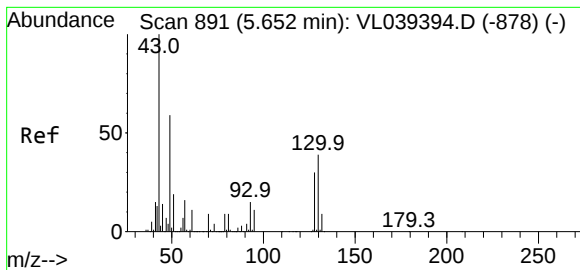
Instrument :
MSVOA_L
ClientSampleId :
IA-4

Quant Time: Jul 20 05:43:25 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

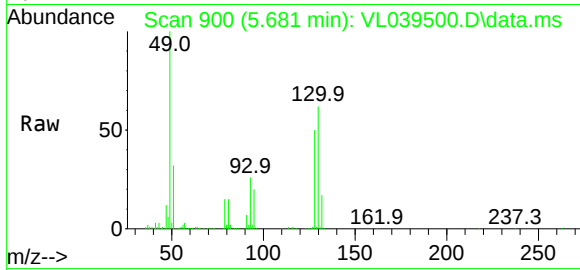
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.681 min Scan# 90
Delta R.T. 0.029 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50

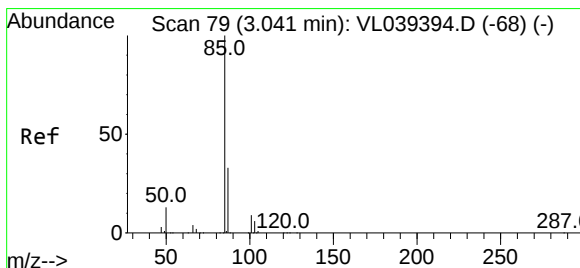
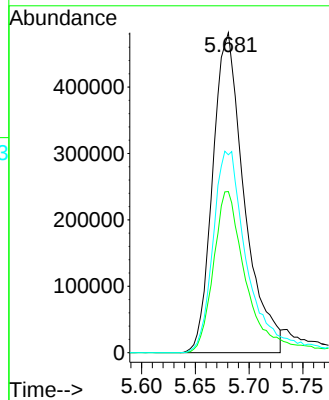
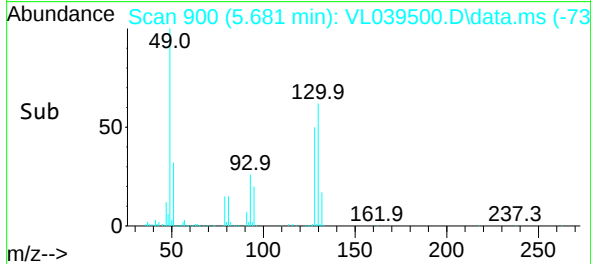
Instrument :
MSVOA_L
ClientSampleId :
IA-4



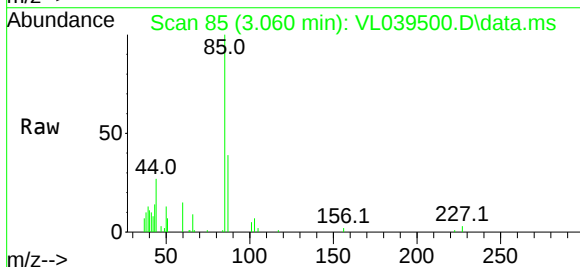
Tgt Ion: 49 Resp: 98520
Ion Ratio Lower Upper
49 100
128 53.9 26.7 80.0
130 70.4 34.3 102.8

Manual Integrations
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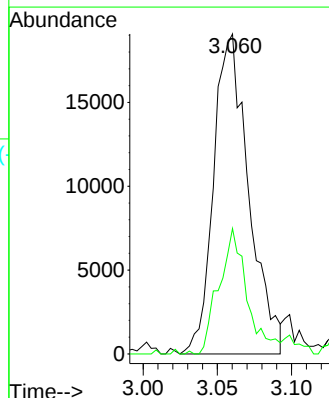
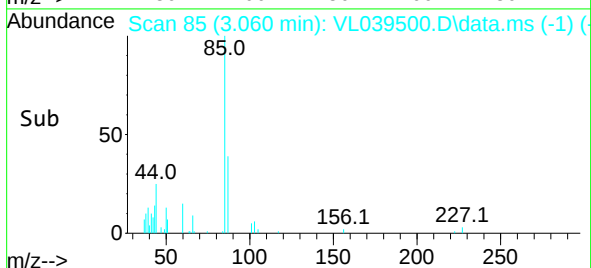
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

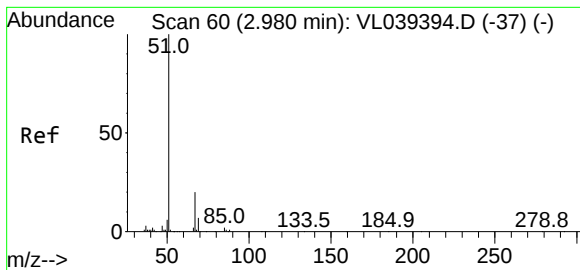


#2
Dichlorodifluoromethane
Concen: 0.221 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.019 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50



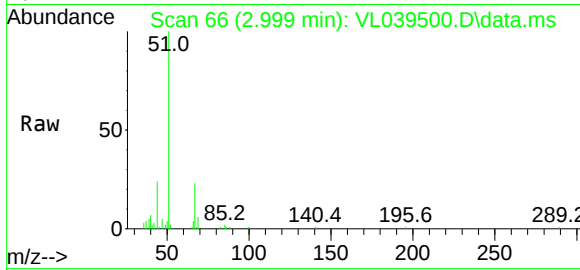
Tgt Ion: 85 Resp: 31415
Ion Ratio Lower Upper
85 100
87 39.2 26.7 40.1





#3
Chlorodifluoromethane
Concen: 0.346 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.019 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50

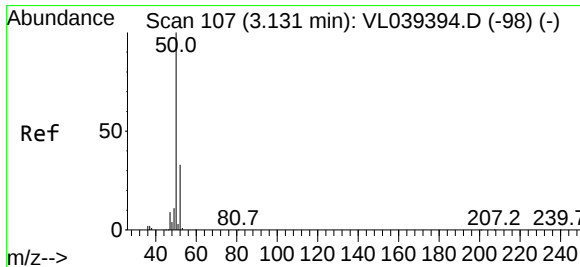
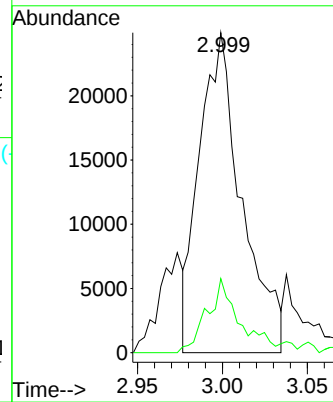
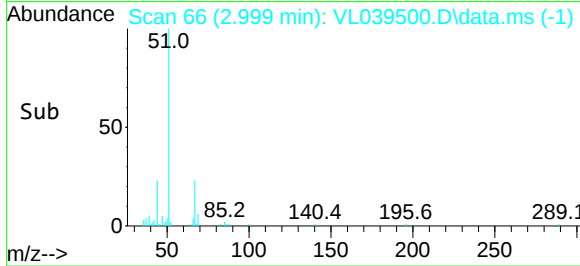
Instrument :
MSVOA_L
ClientSampleId :
IA-4



Tgt Ion: 51 Resp: 43239
Ion Ratio Lower Upper
51 100
67 20.6 15.7 23.5

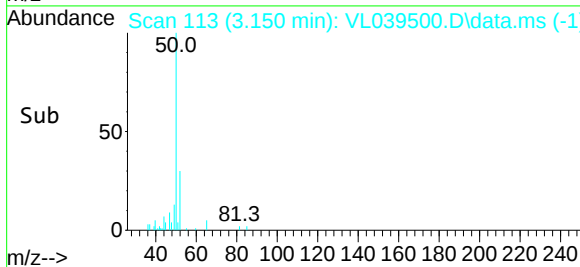
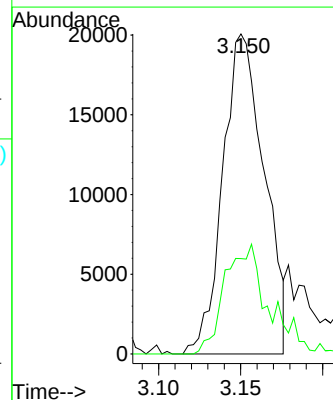
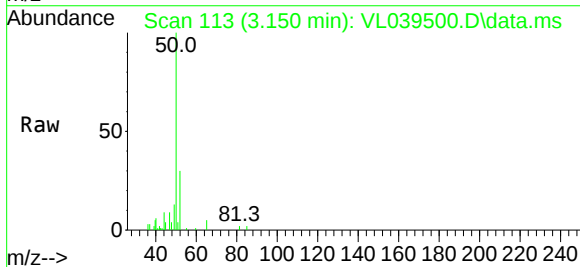
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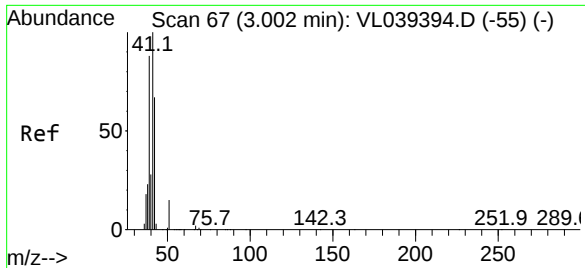
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#4
Chloromethane
Concen: 0.516 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.019 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50

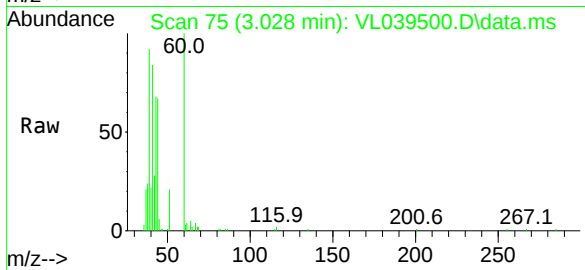
Tgt Ion: 50 Resp: 35251
Ion Ratio Lower Upper
50 100
52 29.8 26.5 39.7





#9
 Propene
 Concen: 0.603 ppbv
 RT: 3.028 min Scan# 71
 Delta R.T. 0.026 min
 Lab File: VL039500.D
 Acq: 20 Jul 2022 3:50

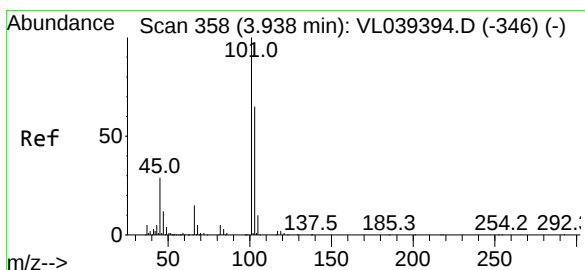
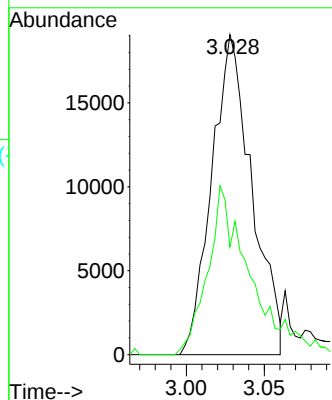
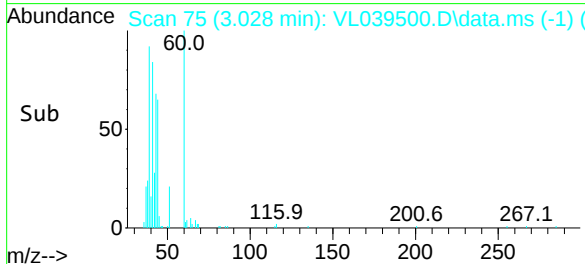
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4



Tgt Ion: 41 Resp: 3406
 Ion Ratio Lower Upper
 41 100
 42 58.3 55.2 82.8

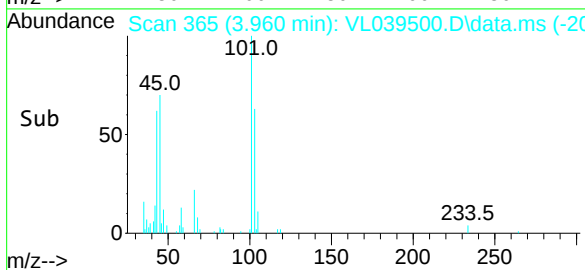
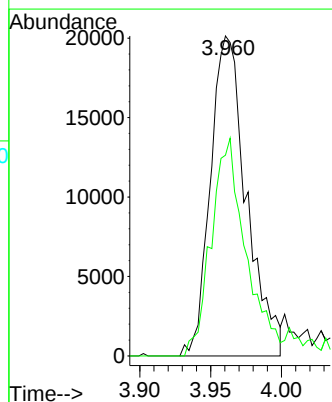
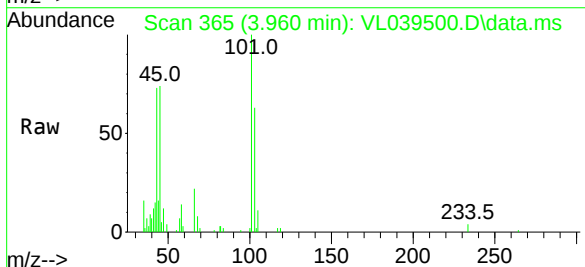
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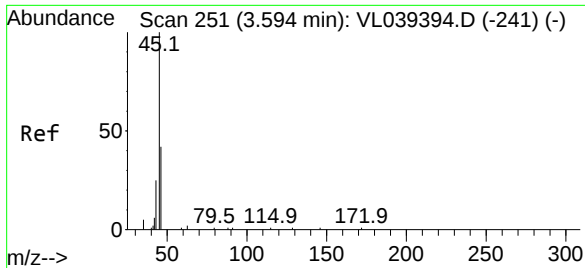
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#11
 Trichlorofluoromethane
 Concen: 0.225 ppbv
 RT: 3.960 min Scan# 365
 Delta R.T. 0.022 min
 Lab File: VL039500.D
 Acq: 20 Jul 2022 3:50

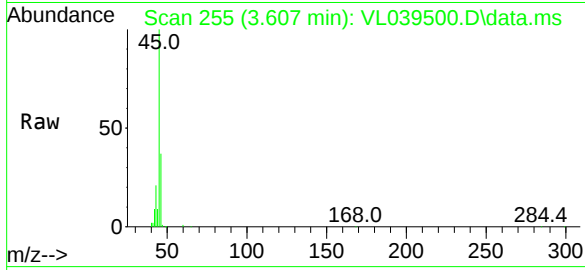
Tgt Ion:101 Resp: 35677
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.8 77.8





#13
Ethanol
Concen: 91.931 ppbv
RT: 3.607 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50

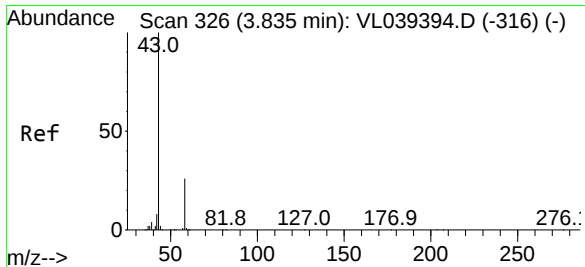
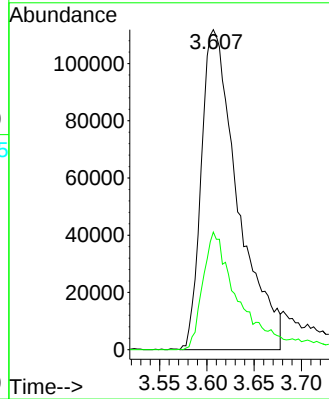
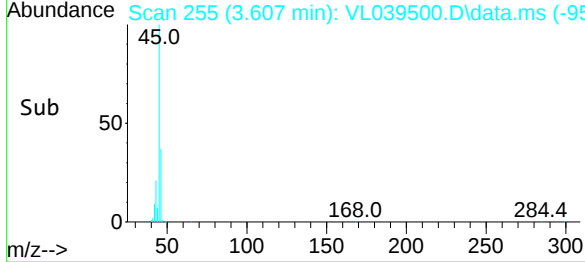
Instrument :
MSVOA_L
ClientSampleId :
IA-4



Tgt Ion: 45 Resp: 30106
Ion Ratio Lower Upper
45 100
46 38.3 22.8 91.2

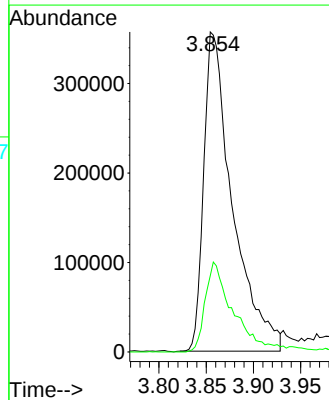
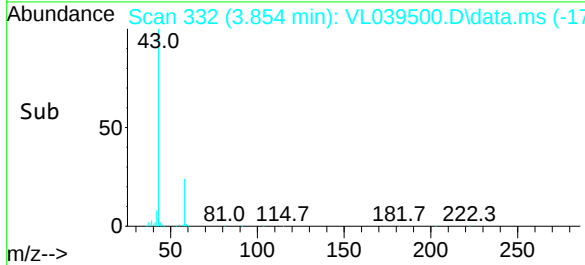
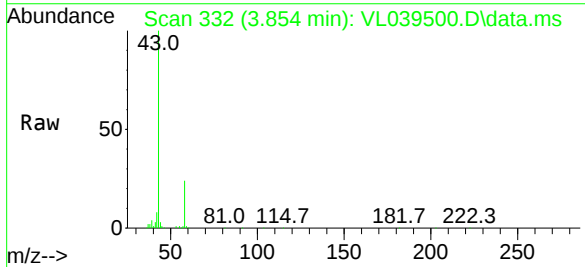
Manual Integrations
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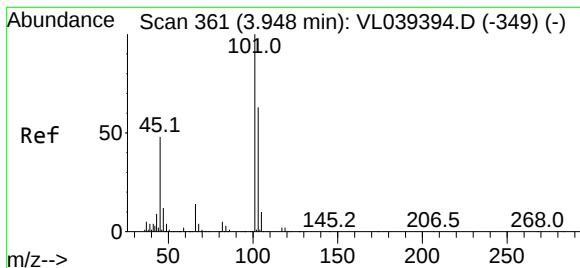
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#15
Acetone
Concen: 6.486 ppbv
RT: 3.854 min Scan# 332
Delta R.T. 0.019 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50

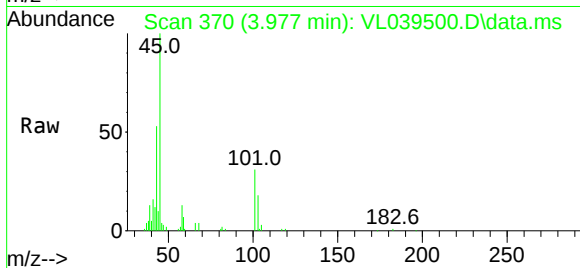
Tgt Ion: 43 Resp: 756036
Ion Ratio Lower Upper
43 100
58 29.7 21.0 31.6





#19
Isopropyl Alcohol
Concen: 1.299 ppbv m
RT: 3.977 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50

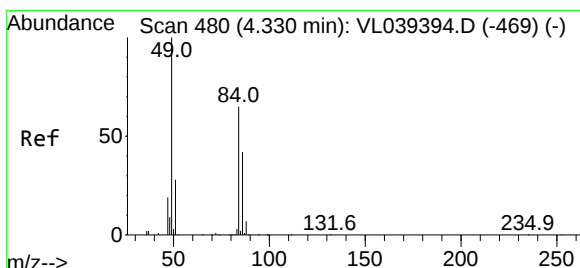
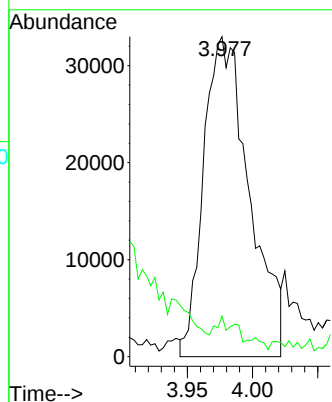
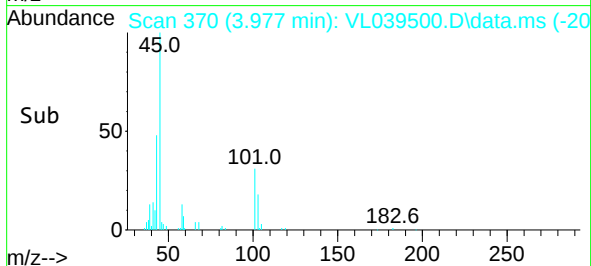
Instrument :
MSVOA_L
ClientSampleId :
IA-4



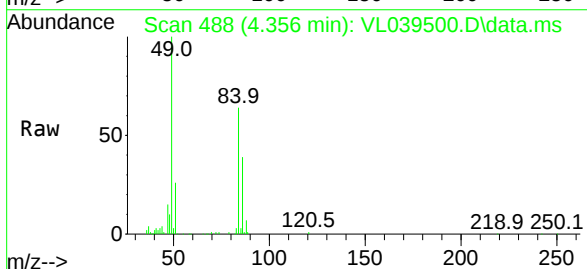
Tgt Ion: 45 Resp: 8075
Ion Ratio Lower Upper
45 100
58 9.3 3.2 4.8

Manual Integrations
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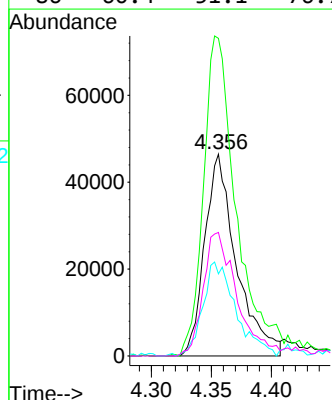
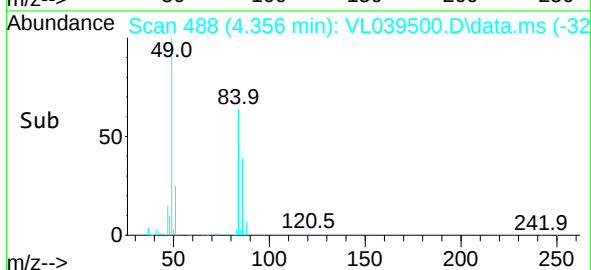
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

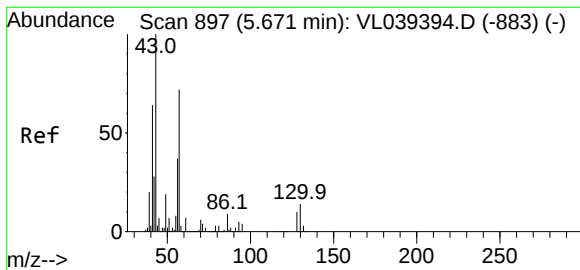


#20
Methylene Chloride
Concen: 1.843 ppbv
RT: 4.356 min Scan# 488
Delta R.T. 0.026 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50



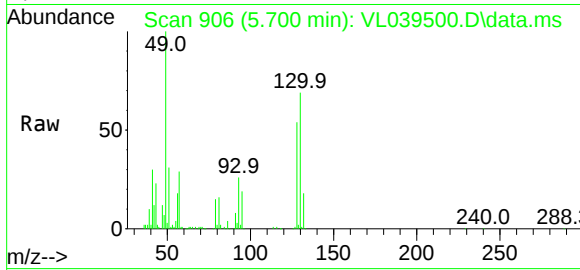
Tgt Ion: 84 Resp: 85605
Ion Ratio Lower Upper
84 100
49 157.4 123.1 184.7
51 39.9 34.4 51.6
86 60.4 51.1 76.7





#26
Hexane
Concen: 0.953 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.029 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50

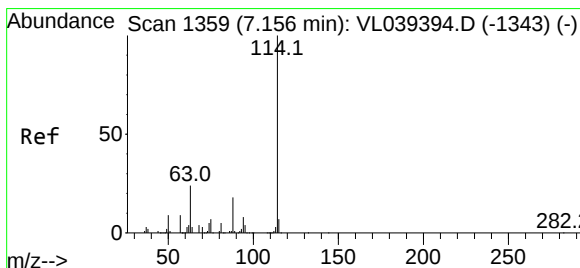
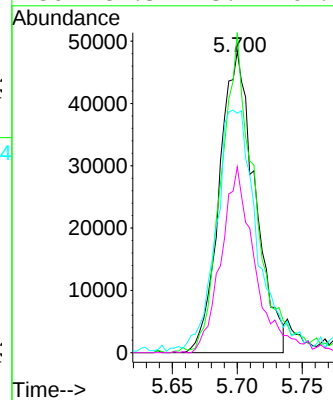
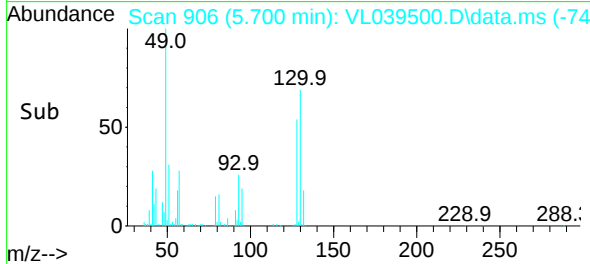
Instrument :
MSVOA_L
ClientSampleId :
IA-4



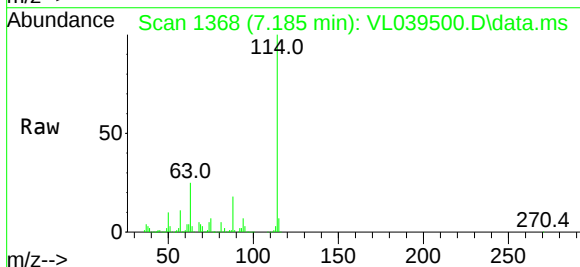
Tgt Ion: 57 Resp: 91850
Ion Ratio Lower Upper
57 100
41 103.4 76.9 115.3
43 93.6 191.0 286.6
56 59.3 43.2 64.8

Manual Integrations
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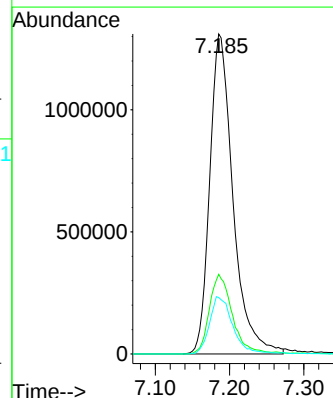
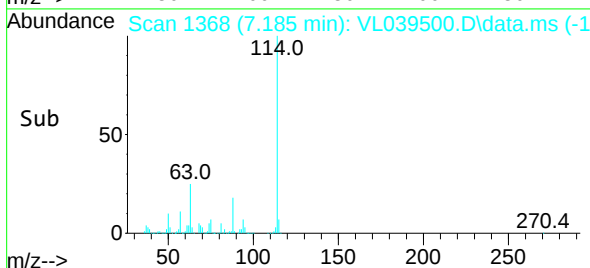
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

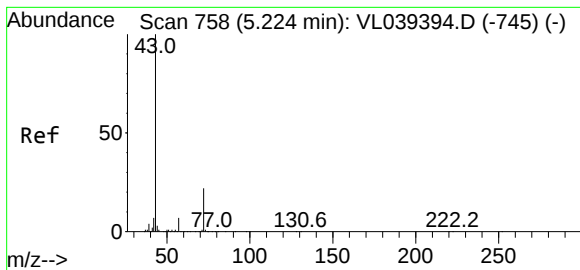


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.029 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50



Tgt Ion:114 Resp: 2846802
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.4
88 18.1 14.5 21.7





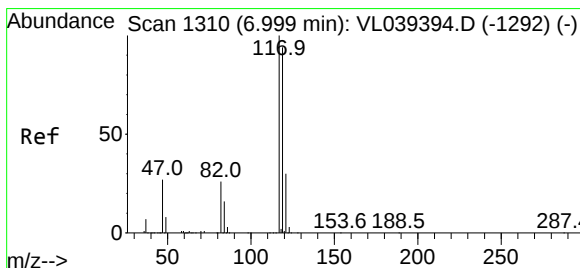
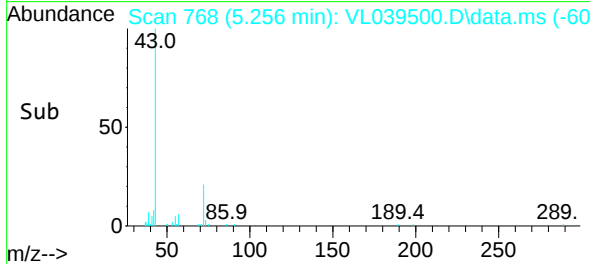
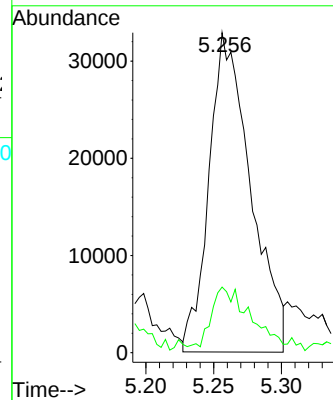
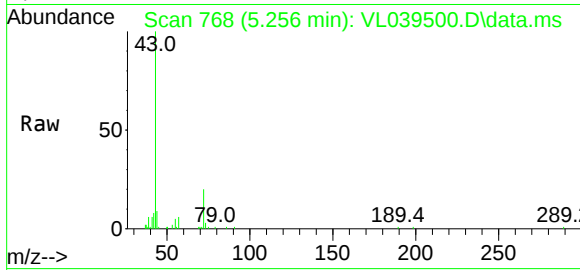
#34
2-Butanone
Concen: 0.492 ppbv
RT: 5.256 min Scan# 7044
Delta R.T. 0.032 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50

Instrument :
MSVOA_L
ClientSampleId :
IA-4

Tgt Ion: 43 Resp: 7044
Ion Ratio Lower Upper
43 100
72 21.3 17.9 26.9

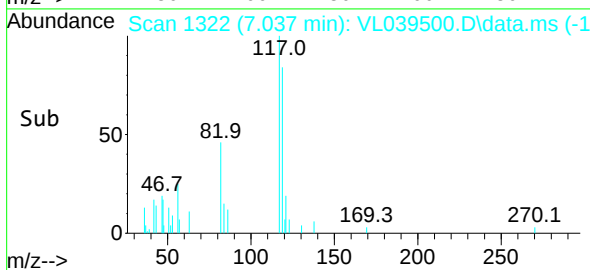
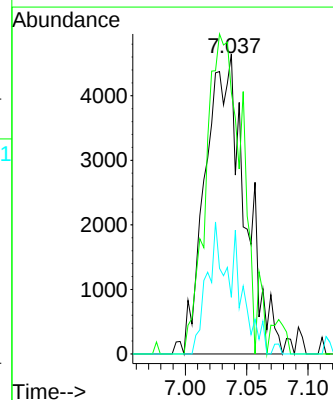
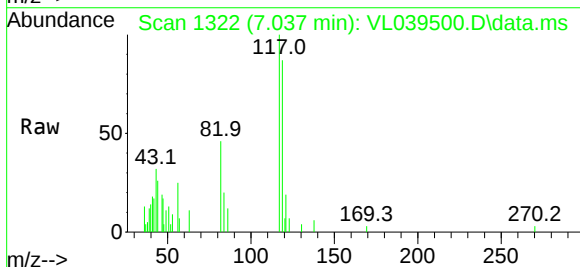
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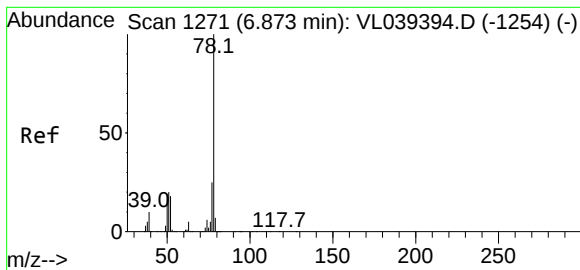
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#35
Carbon Tetrachloride
Concen: 0.059 ppbv m
RT: 7.037 min Scan# 1322
Delta R.T. 0.039 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50

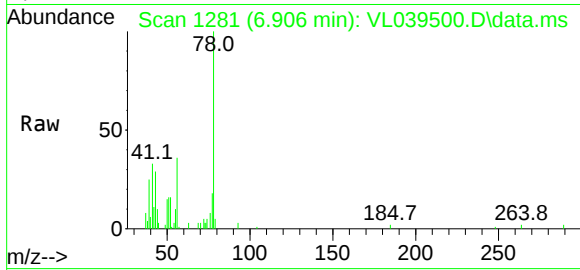
Tgt Ion:117 Resp: 10393
Ion Ratio Lower Upper
117 100
119 87.2 75.4 113.2
121 18.9 24.2 36.2#





#36
Benzene
Concen: 0.123 ppbv m
RT: 6.906 min Scan# 1281
Delta R.T. 0.032 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50

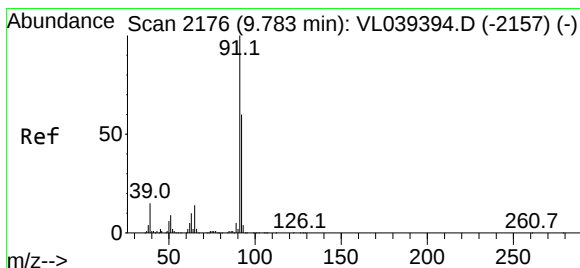
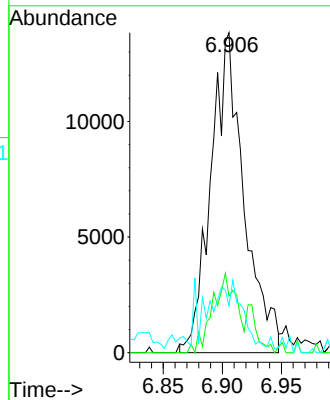
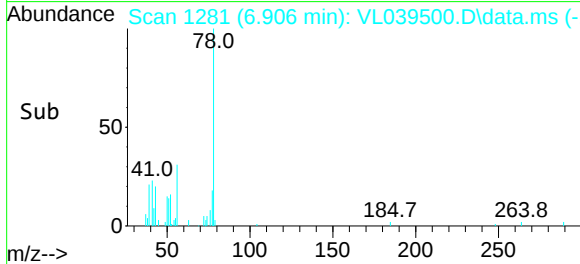
Instrument :
MSVOA_L
ClientSampleId :
IA-4



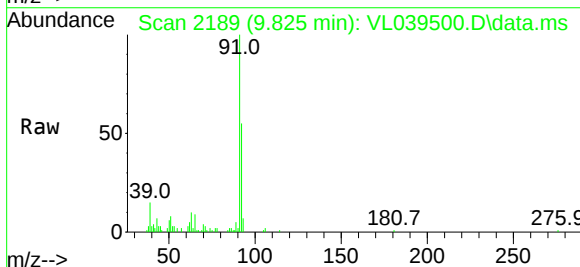
Tgt Ion: 78 Resp: 26992
Ion Ratio Lower Upper
78 100
77 17.7 20.3 30.5
50 14.7 15.5 23.3

Manual Integrations
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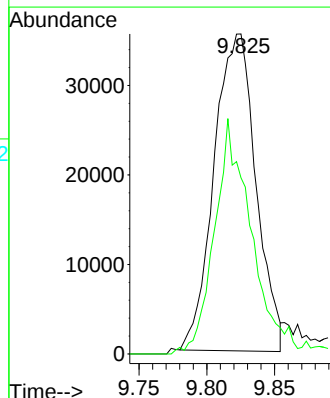
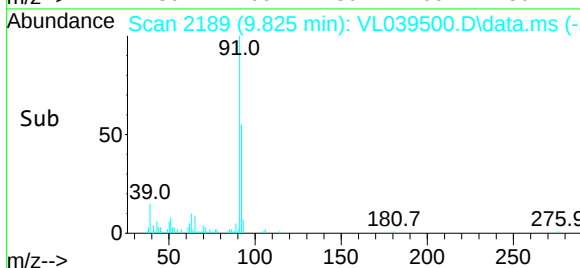
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

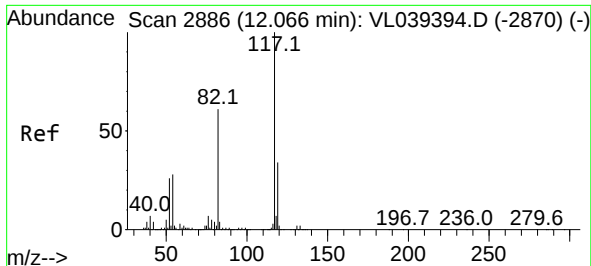


#53
Toluene
Concen: 0.299 ppbv
RT: 9.825 min Scan# 2189
Delta R.T. 0.042 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50



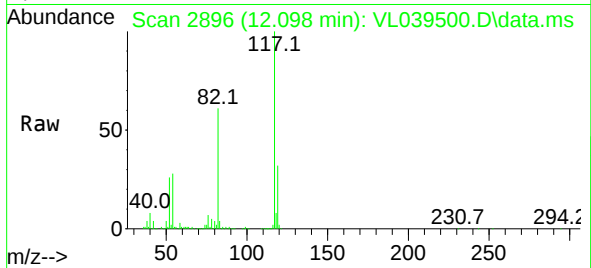
Tgt Ion: 91 Resp: 76087
Ion Ratio Lower Upper
91 100
92 67.3 48.2 72.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 249729
Delta R.T. 0.032 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50

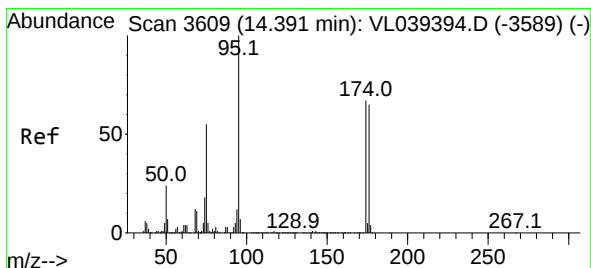
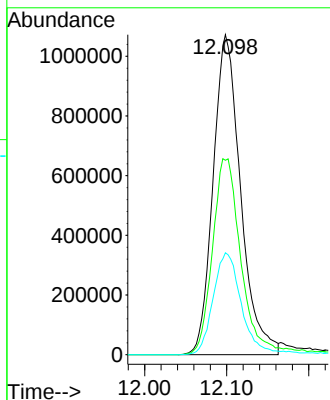
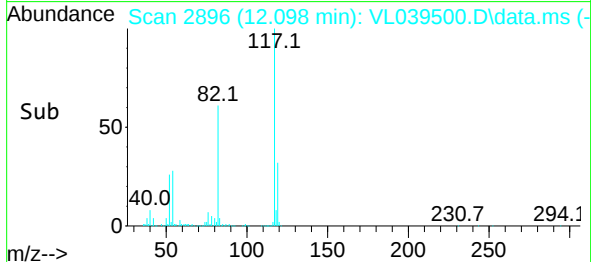
Instrument :
MSVOA_L
ClientSampleId :
IA-4



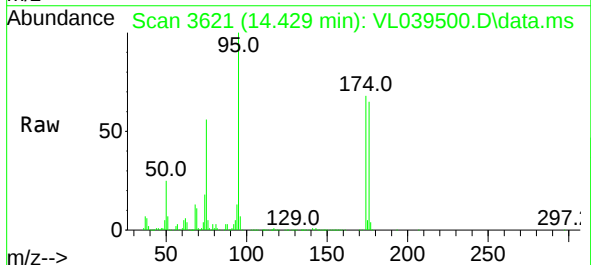
Tgt Ion: 117 Resp: 249729
Ion Ratio Lower Upper
117 100
82 65.6 50.8 76.2
119 34.0 24.1 36.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.416 ppbv
RT: 14.429 min Scan# 3621
Delta R.T. 0.039 min
Lab File: VL039500.D
Acq: 20 Jul 2022 3:50



Tgt Ion: 95 Resp: 1929778
Ion Ratio Lower Upper
95 100
174 71.8 55.9 83.9
175 5.1 4.2 6.4

