

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
 Data File : VL039264.D
 Acq On : 13 Jun 2022 23:17
 Operator : SY/AP
 Sample : N3306-01DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022
 Supervised By :Mahesh Dadoda 06/16/2022

Quant Time: Jun 14 01:35:19 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	1292870	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	2942885	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	2464786	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.416	95	2113024	10.370	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.700%
Target Compounds						
						Qvalue
9) Propene	3.031	41	87596m	1.221	ppbv	
13) Ethanol	3.603	45	213972	54.699	ppbv #	100
15) Acetone	3.851	43	1921017	14.264	ppbv	90
19) Isopropyl Alcohol	3.970	45	1018439	16.123	ppbv #	97
20) Methylene Chloride	4.346	84	110885	1.954	ppbv	90
26) Hexane	5.697	57	70427m	0.528	ppbv	
34) 2-Butanone	5.259	43	45153m	0.282	ppbv	
52) Tetrachloroethene	11.217	164	13217m	0.142	ppbv	
53) Toluene	9.809	91	60288m	0.219	ppbv	
59) m/p-Xylene	12.963	91	33424m	0.112	ppbv	
61) Styrene	13.529	104	29920m	0.199	ppbv	

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

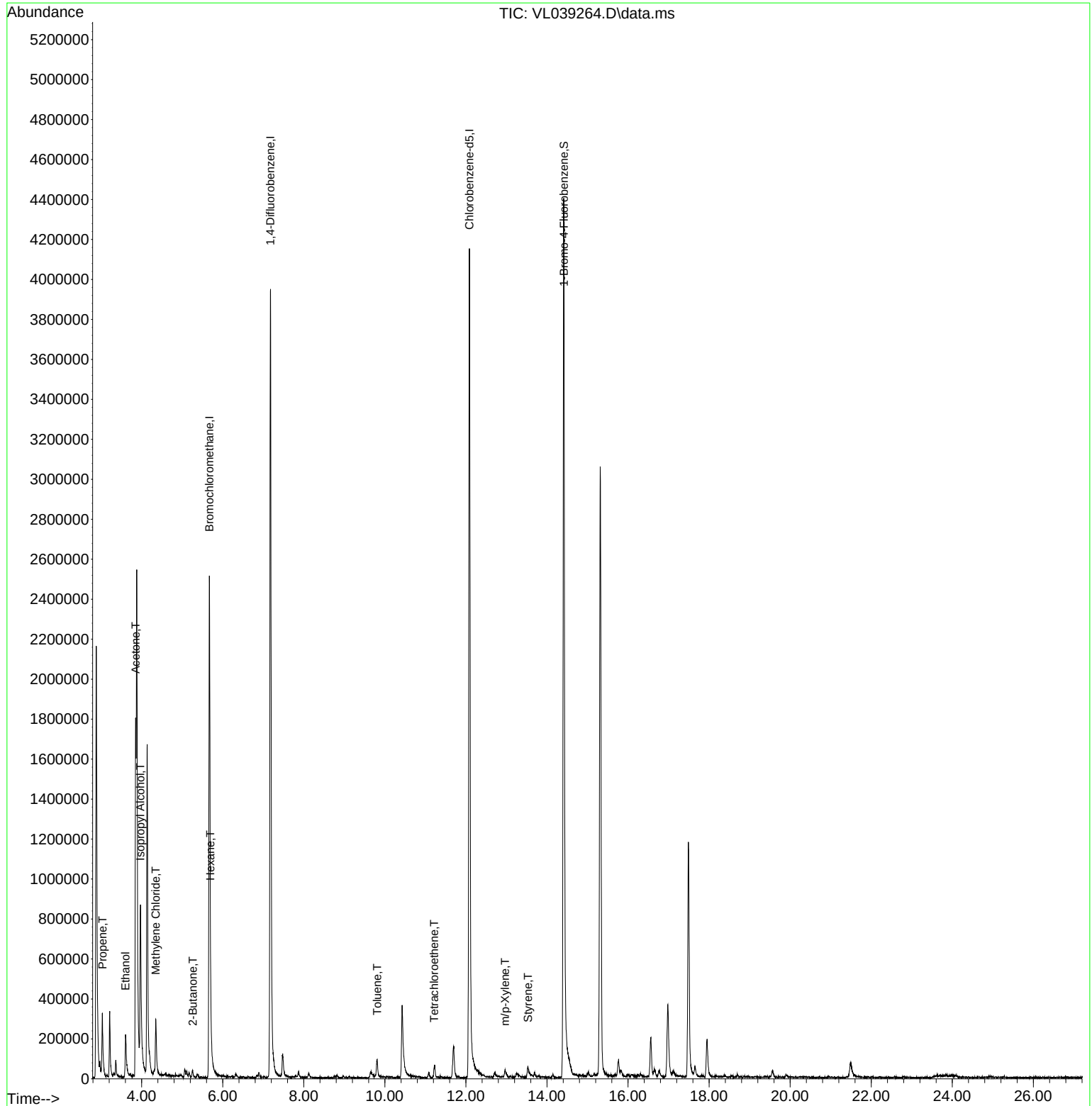
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
Data File : VL039264.D
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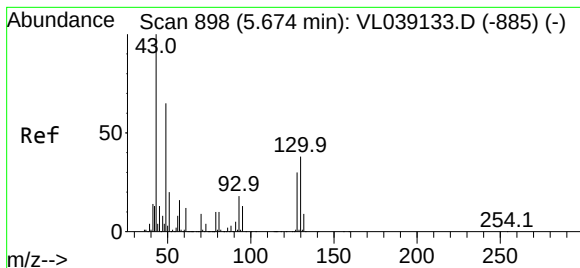
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Manual Integrations
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Supervised By : Mahesh Dadoda 06/16/2022

Quant Time: Jun 14 01:35:19 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





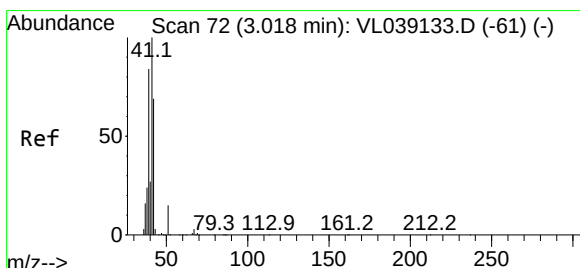
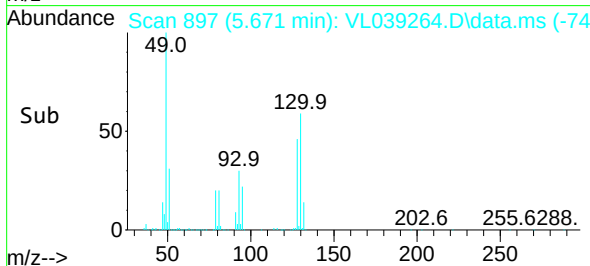
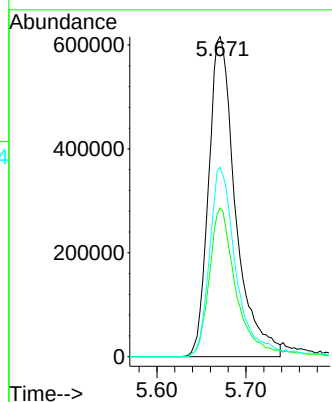
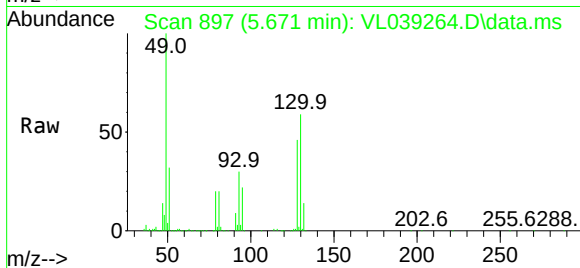
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. -0.003 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 49 Resp: 1292870
Ion Ratio Lower Upper
49 100
128 47.6 24.7 74.1
130 60.6 31.4 94.0

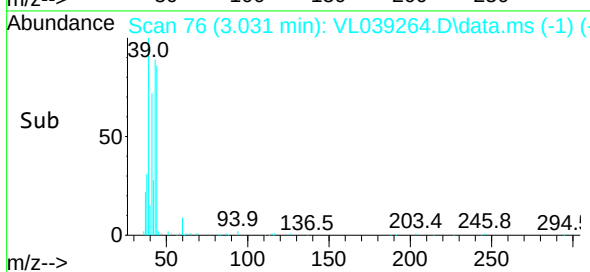
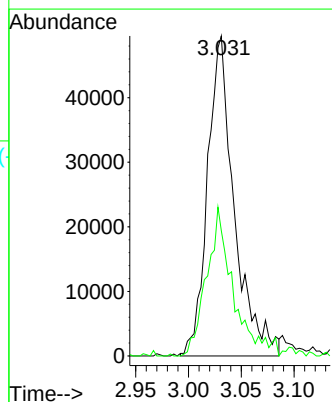
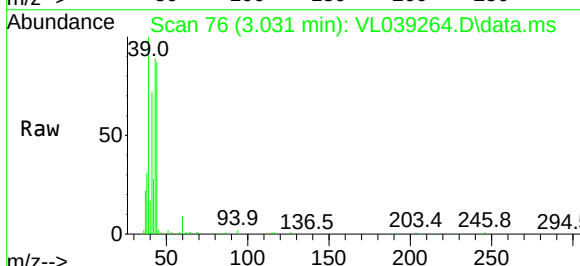
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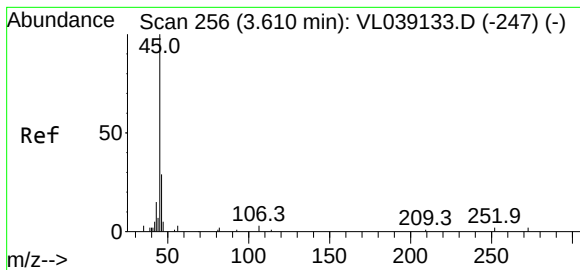
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#9
Propene
Concen: 1.221 ppbv m
RT: 3.031 min Scan# 76
Delta R.T. 0.013 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

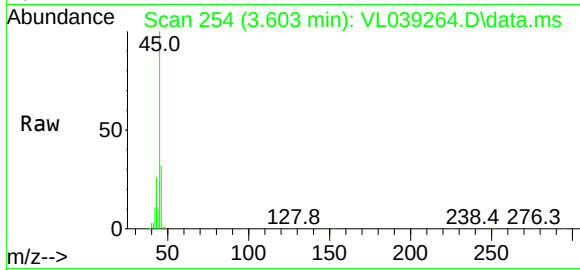
Tgt Ion: 41 Resp: 87596
Ion Ratio Lower Upper
41 100
42 81.6 55.4 83.2





#13
Ethanol
Concen: 54.699 ppbv
RT: 3.603 min Scan# 213972
Delta R.T. -0.007 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

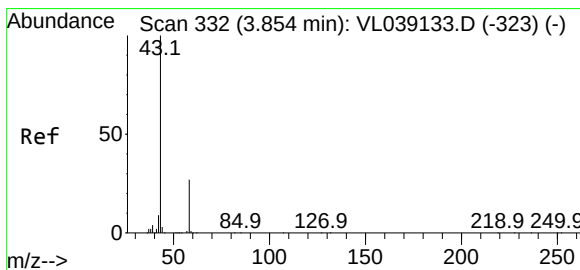
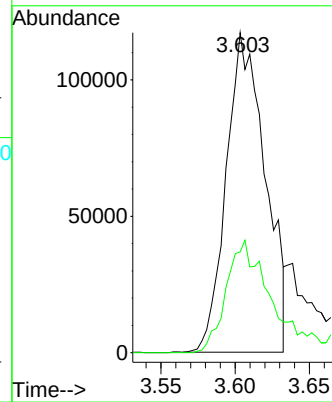
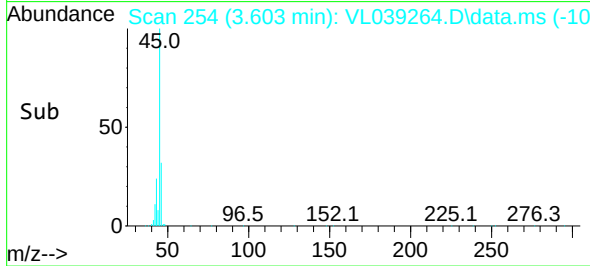
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



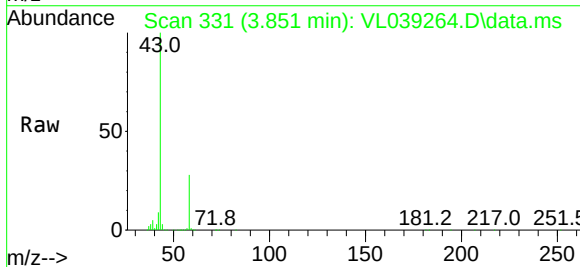
Tgt Ion: 45 Resp: 213972
Ion Ratio Lower Upper
45 100
46 45.5 0.0 0.0

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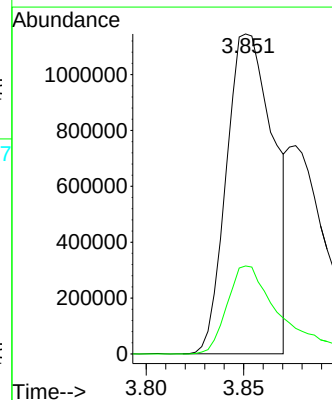
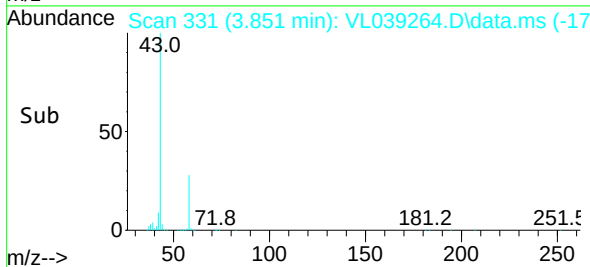
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

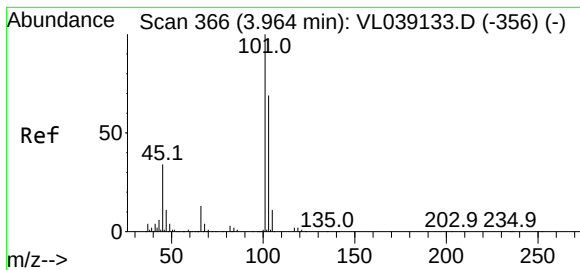


#15
Acetone
Concen: 14.264 ppbv
RT: 3.851 min Scan# 331
Delta R.T. -0.003 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17



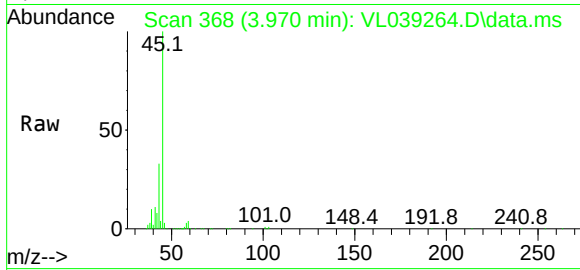
Tgt Ion: 43 Resp: 1921017
Ion Ratio Lower Upper
43 100
58 33.1 22.5 33.7





#19
Isopropyl Alcohol
Concen: 16.123 ppbv
RT: 3.970 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

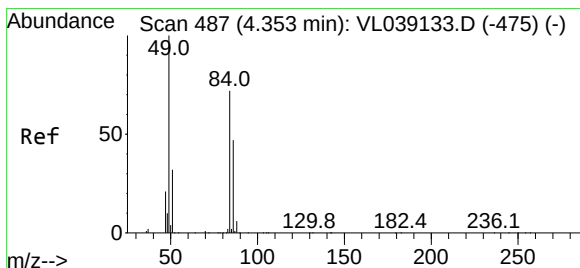
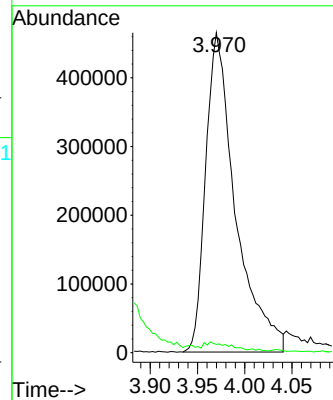
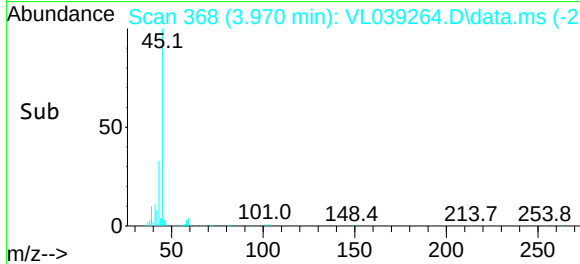
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 45 Resp: 1018439
Ion Ratio Lower Upper
45 100
58 3.2 1.8 2.8

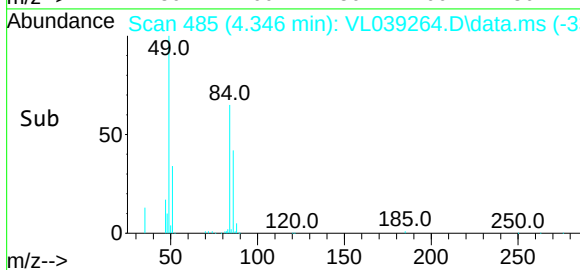
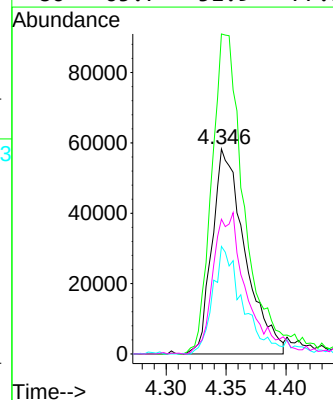
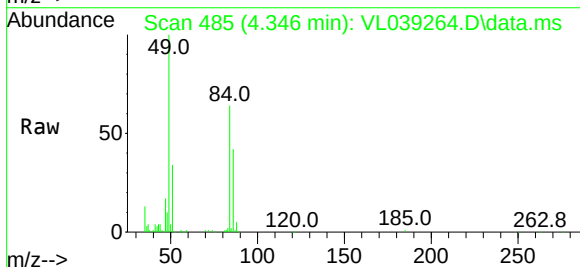
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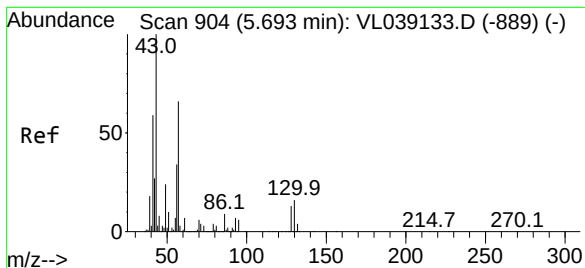
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#20
Methylene Chloride
Concen: 1.954 ppbv
RT: 4.346 min Scan# 485
Delta R.T. -0.007 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

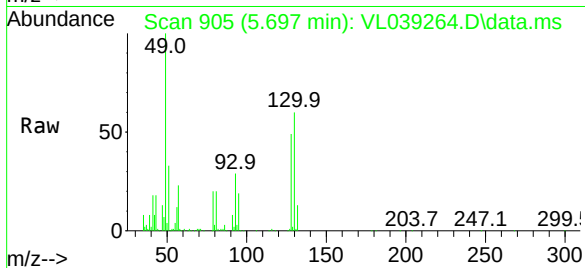
Tgt Ion: 84 Resp: 110885
Ion Ratio Lower Upper
84 100
49 156.1 111.1 166.7
51 52.1 35.3 52.9
86 65.7 51.9 77.9





#26
Hexane
Concen: 0.528 ppbv m
RT: 5.697 min Scan# 904
Delta R.T. 0.003 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

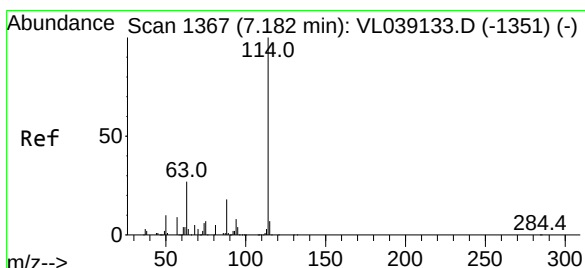
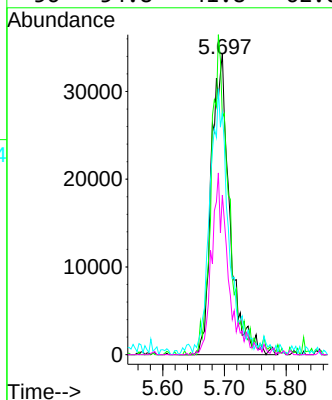
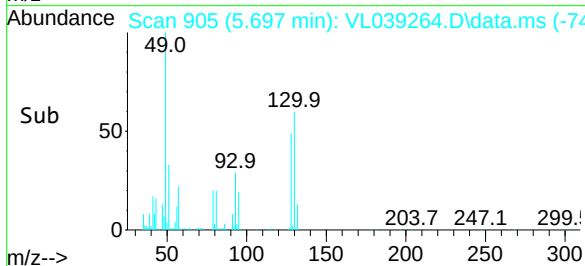
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 57 Resp: 70427
Ion Ratio Lower Upper
57 100
41 102.0 72.4 108.6
43 94.6 187.0 280.6
56 54.8 41.8 62.6

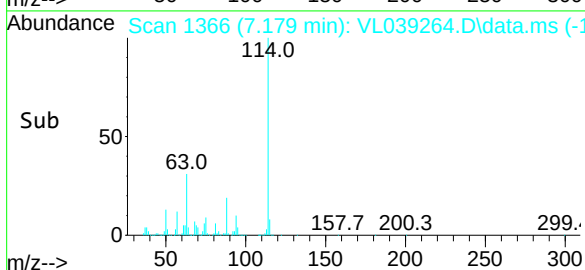
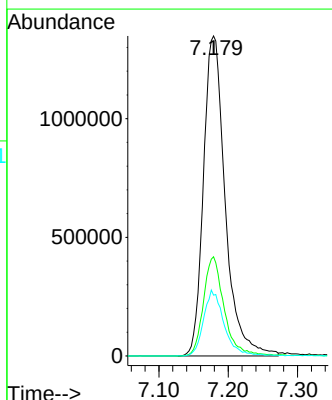
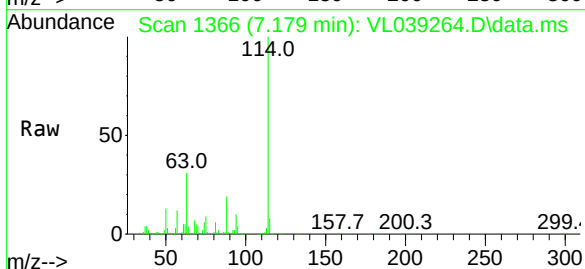
Manual Integrations
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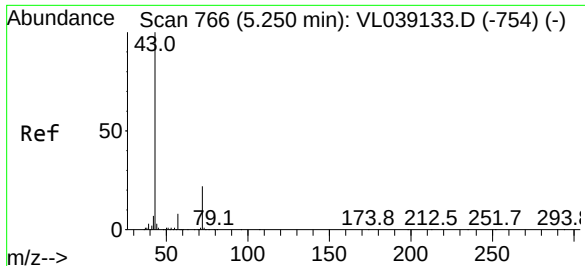
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. -0.003 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

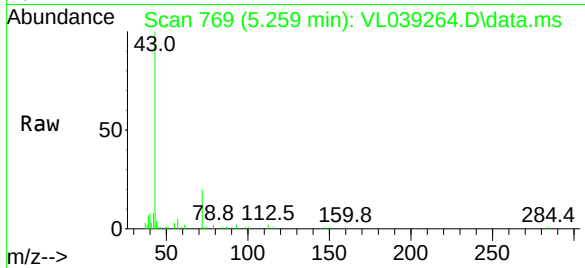
Tgt Ion:114 Resp: 2942885
Ion Ratio Lower Upper
114 100
63 29.6 21.7 32.5
88 19.5 14.8 22.2





#34
2-Butanone
Concen: 0.282 ppbv m
RT: 5.259 min Scan# 769
Delta R.T. 0.010 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

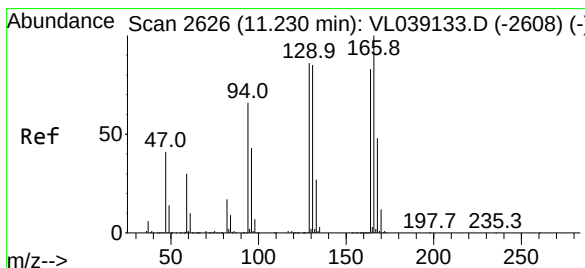
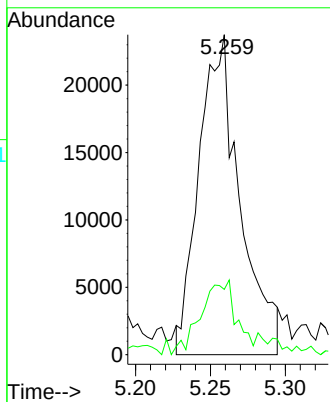
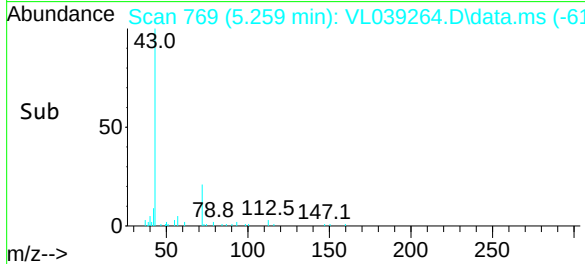
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 43 Resp: 4515
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2

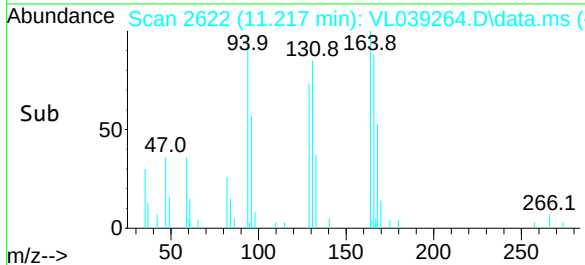
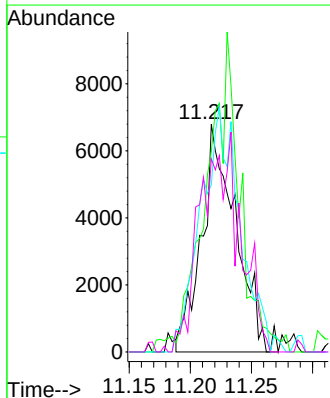
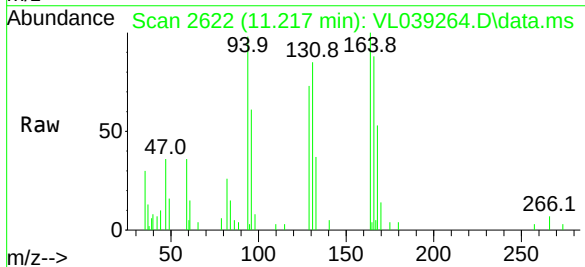
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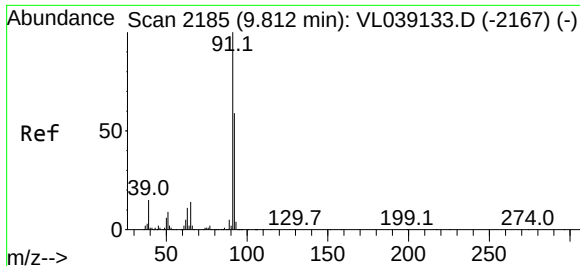
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#52
Tetrachloroethene
Concen: 0.142 ppbv m
RT: 11.217 min Scan# 2622
Delta R.T. -0.013 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion:164 Resp: 13217
Ion Ratio Lower Upper
164 100
166 88.0 96.3 144.5#
129 73.4 82.5 123.7#
131 84.8 82.1 123.1





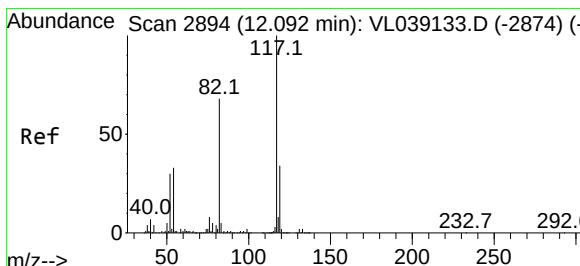
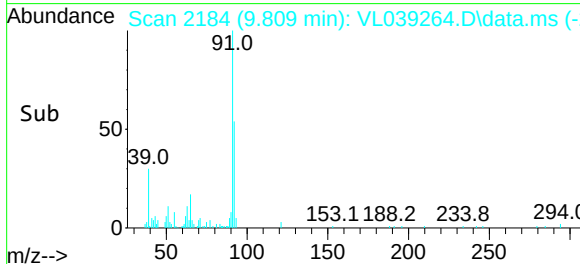
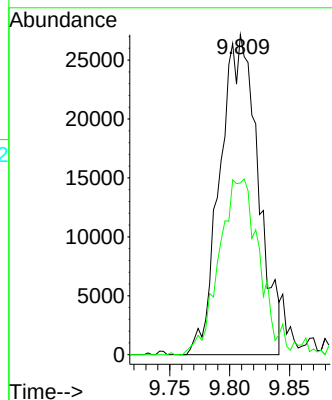
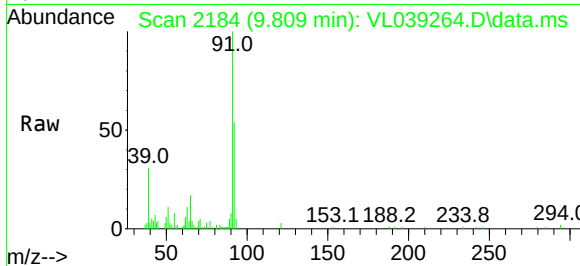
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Toluene
Concen: 0.219 ppbv m
RT: 9.809 min Scan# 2185
Delta R.T. -0.003 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 91 Resp: 6028
Ion Ratio Lower Upper
91 100
92 60.4 48.1 72.1

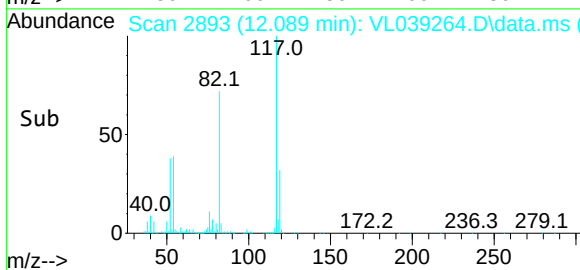
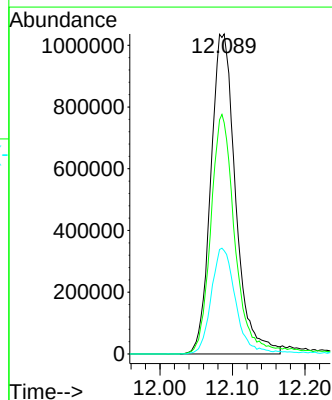
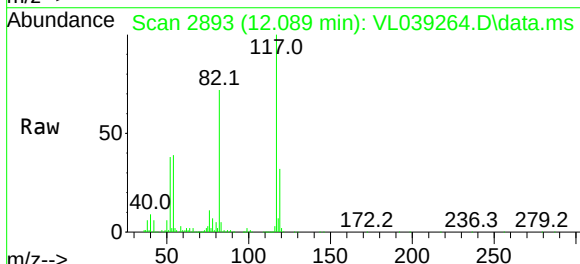
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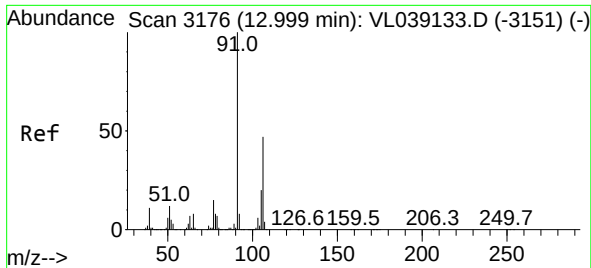
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. -0.003 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion:117 Resp: 2464786
Ion Ratio Lower Upper
117 100
82 74.8 55.1 82.7
119 33.5 24.7 37.1





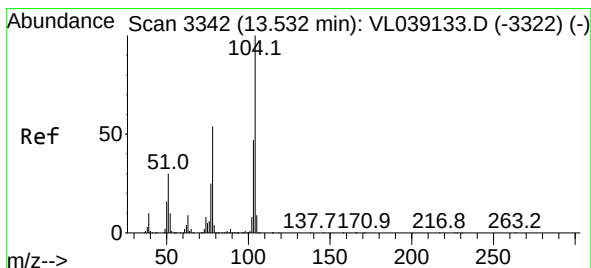
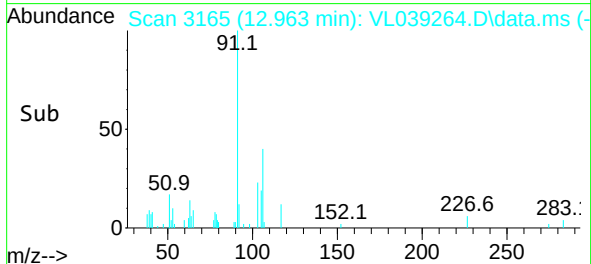
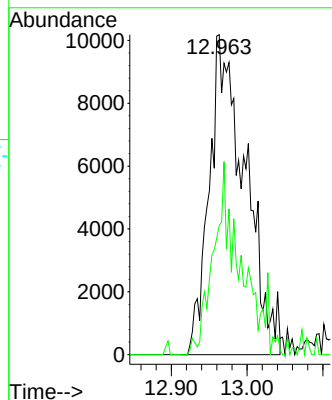
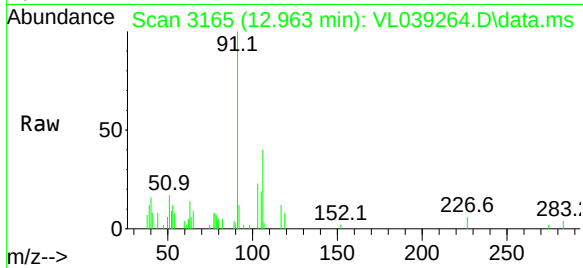
#59
m/p-Xylene
Concen: 0.112 ppbv m
RT: 12.963 min Scan# 3176
Delta R.T. -0.035 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 91 Resp: 33424
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5

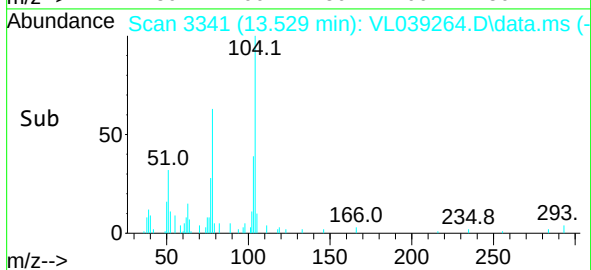
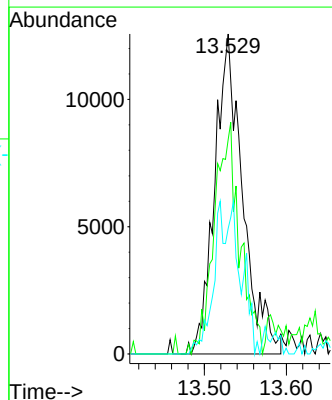
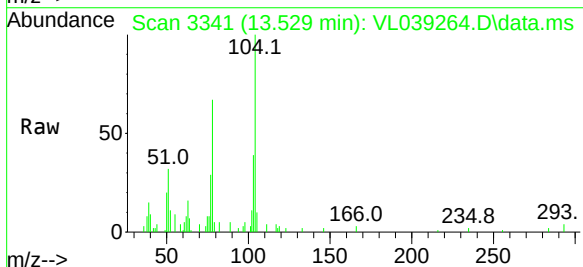
Manual Integrations
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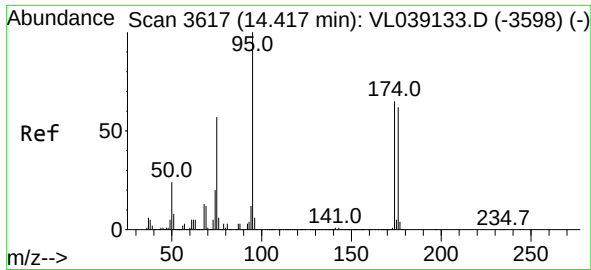
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#61
Styrene
Concen: 0.199 ppbv m
RT: 13.529 min Scan# 3341
Delta R.T. -0.003 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

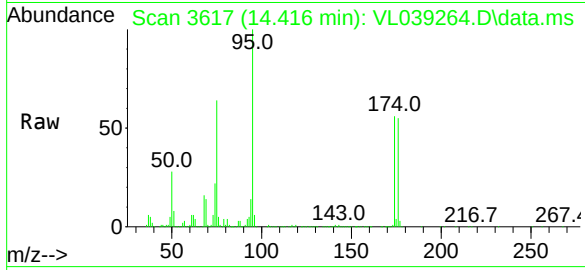
Tgt Ion:104 Resp: 29920
Ion Ratio Lower Upper
104 100
78 0.0 45.7 68.5#
103 0.0 39.6 59.4#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.370 ppbv
 RT: 14.416 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL039264.D
 Acq: 13 Jun 2022 23:17

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL



Tgt Ion: 95 Resp: 2113024
 Ion Ratio Lower Upper
 95 100
 174 60.7 53.8 80.8
 175 4.5 4.1 6.1

Manual Integrations
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 Supervised By :Mahesh Dadoda 06/16/2022

