

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
 Data File : VL039274.D
 Acq On : 14 Jun 2022 6:05
 Operator : SY/AP
 Sample : N3326-04DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 08:10:18 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 15 08:10:18 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	5.674	49	1239442	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	2754757	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.085	117	2228413	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	1894478	10.283	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	3.002	51	22996	0.146	ppbv #	84
4) Chloromethane	3.150	50	10650m	0.131	ppbv	
9) Propene	3.028	41	61703m	0.897	ppbv	
13) Ethanol	3.607	45	111412m	29.709	ppbv	
15) Acetone	3.858	43	437359	3.387	ppbv	94
19) Isopropyl Alcohol	3.980	45	351330m	5.802	ppbv	
20) Methylene Chloride	4.349	84	57343	1.054	ppbv #	93
26) Hexane	5.697	57	45119m	0.353	ppbv	
34) 2-Butanone	5.253	43	20048m	0.134	ppbv	
52) Tetrachloroethene	11.230	164	14600m	0.167	ppbv	
53) Toluene	9.809	91	29010	0.113	ppbv	90

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

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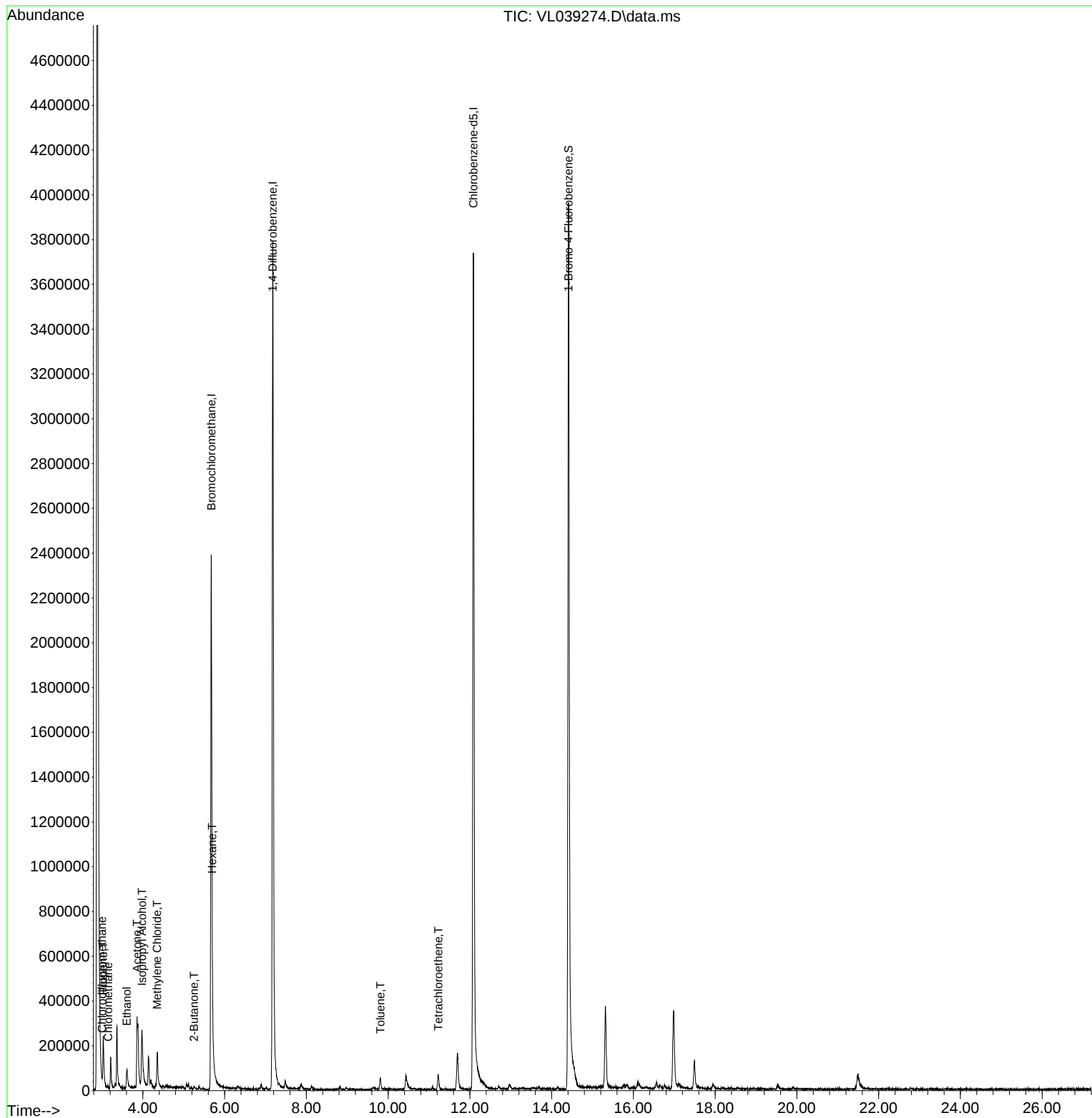
Quant Time: Jun 14 08:10:18 2022

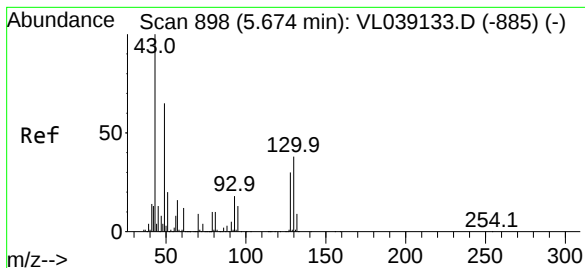
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun

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

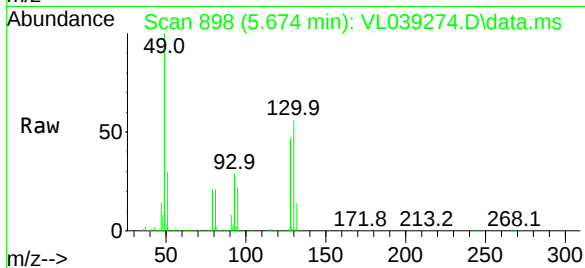
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.000 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

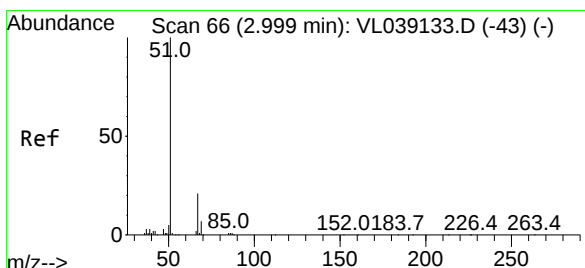
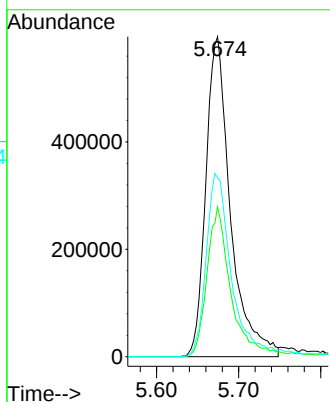
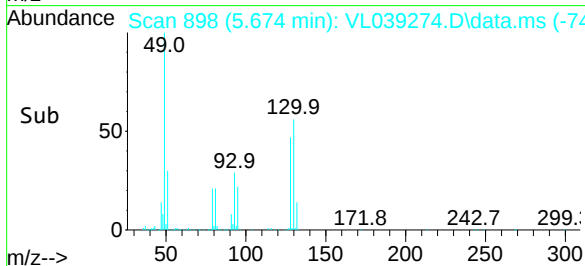
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



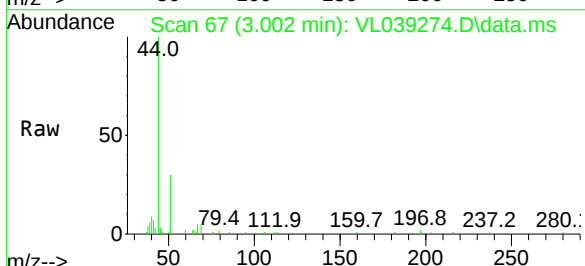
Tgt Ion: 49 Resp: 123944
Ion Ratio Lower Upper
49 100
128 46.2 24.7 74.1
130 60.9 31.4 94.0

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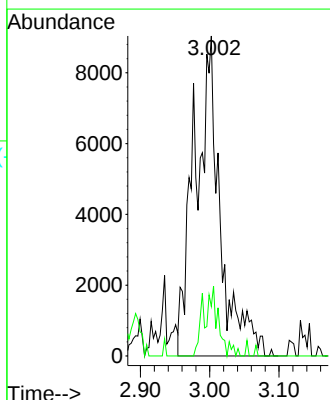
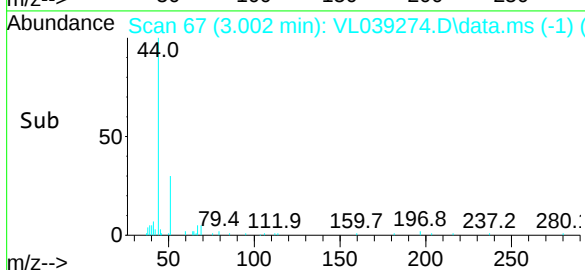
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

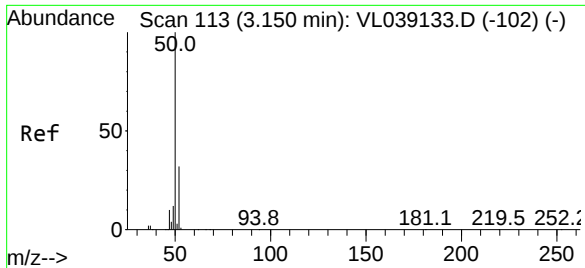


#3
Chlorodifluoromethane
Concen: 0.146 ppbv
RT: 3.002 min Scan# 67
Delta R.T. 0.003 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05



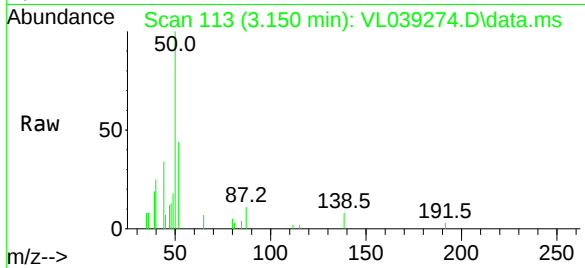
Tgt Ion: 51 Resp: 22996
Ion Ratio Lower Upper
51 100
67 12.9 16.2 24.4#





#4
Chloromethane
Concen: 0.131 ppbv m
RT: 3.150 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

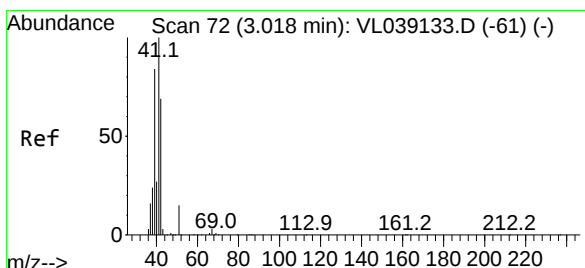
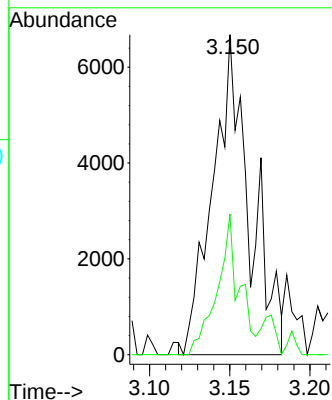
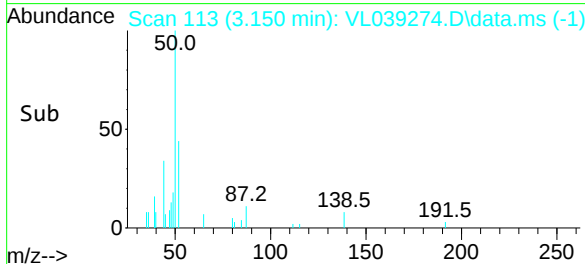
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



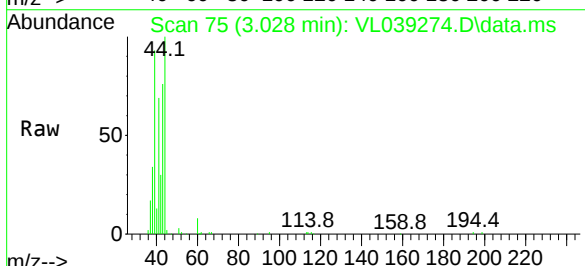
Tgt Ion: 50 Resp: 10650
Ion Ratio Lower Upper
50 100
52 43.9 25.9 38.9

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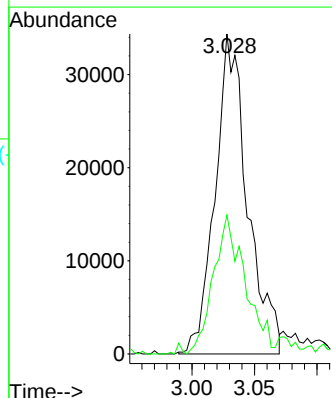
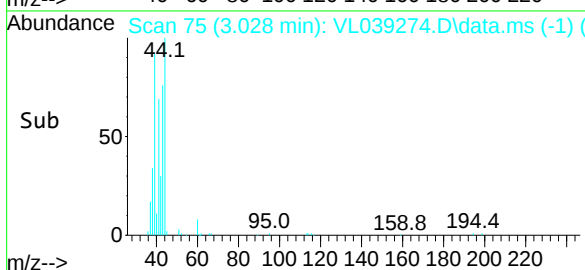
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

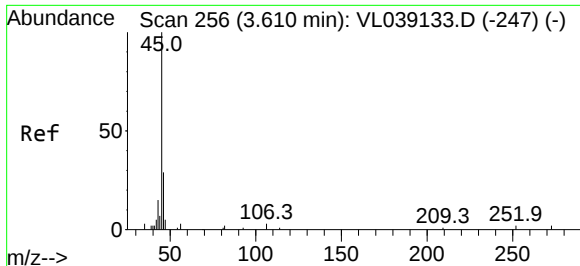


#9
Propene
Concen: 0.897 ppbv m
RT: 3.028 min Scan# 75
Delta R.T. 0.010 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05



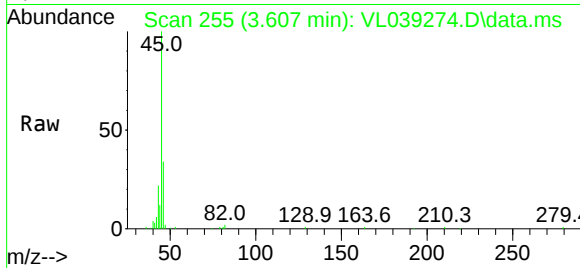
Tgt Ion: 41 Resp: 61703
Ion Ratio Lower Upper
41 100
42 50.2 55.4 83.2





#13
Ethanol
Concen: 29.709 ppbv m
RT: 3.607 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

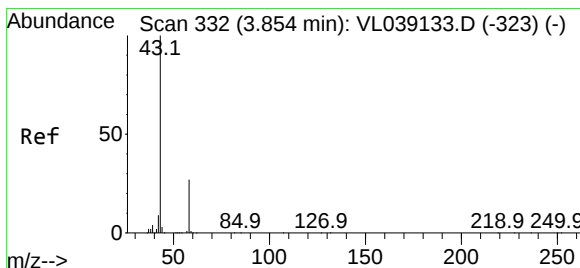
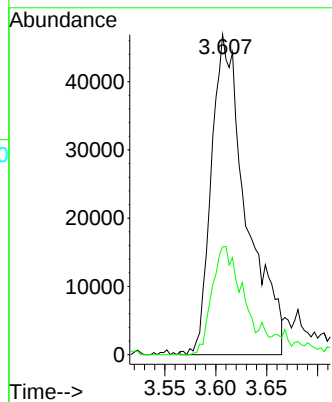
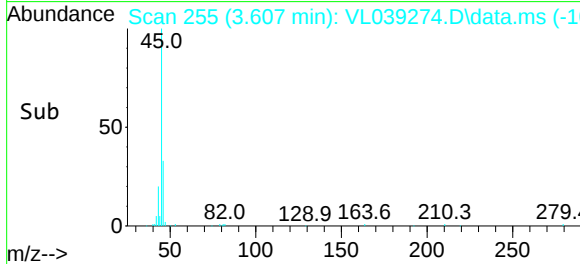
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



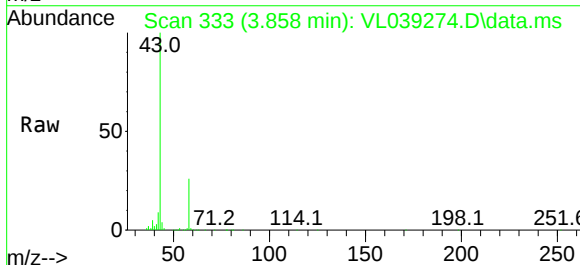
Tgt Ion: 45 Resp: 111412
Ion Ratio Lower Upper
45 100
46 37.1 0.0 0.0

Manual Integrations
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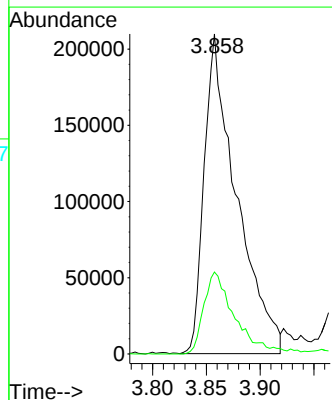
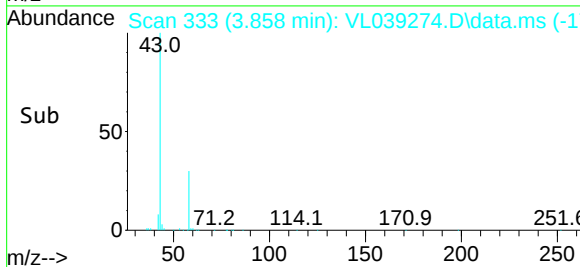
Reviewed By :Semsettin Yesilyurt 06/14/2022
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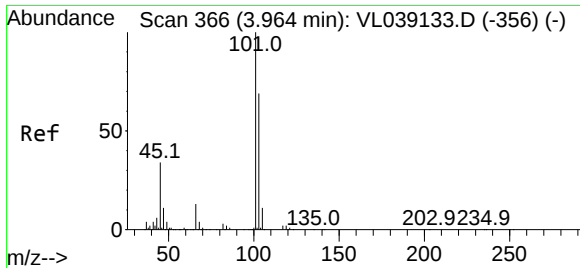


#15
Acetone
Concen: 3.387 ppbv
RT: 3.858 min Scan# 333
Delta R.T. 0.003 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05



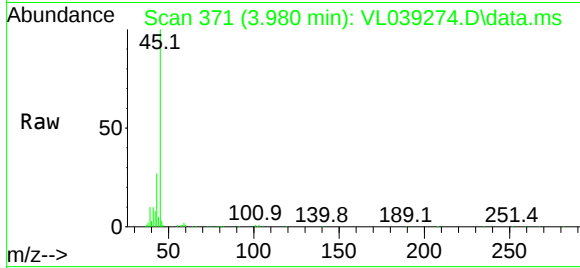
Tgt Ion: 43 Resp: 437359
Ion Ratio Lower Upper
43 100
58 24.8 22.5 33.7





#19
Isopropyl Alcohol
Concen: 5.802 ppbv
RT: 3.980 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

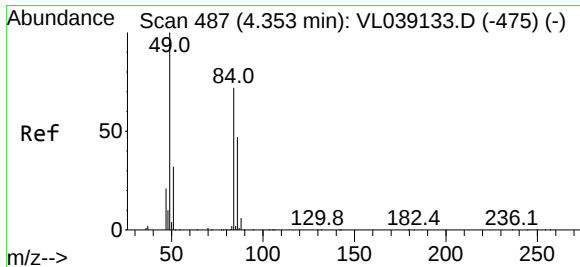
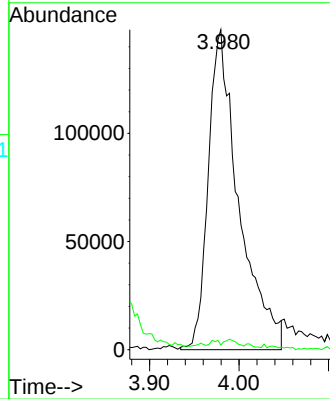
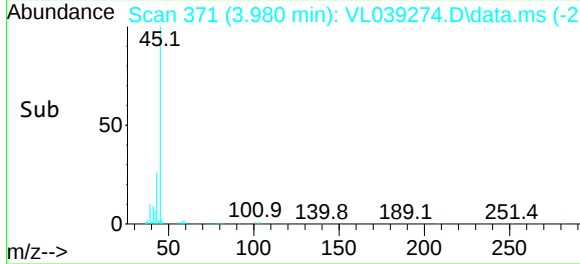
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



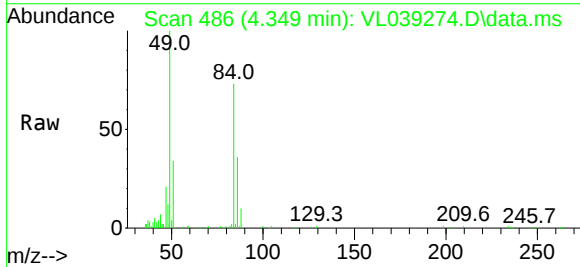
Tgt Ion: 45 Resp: 351330
Ion Ratio Lower Upper
45 100
58 3.8 1.8 2.8

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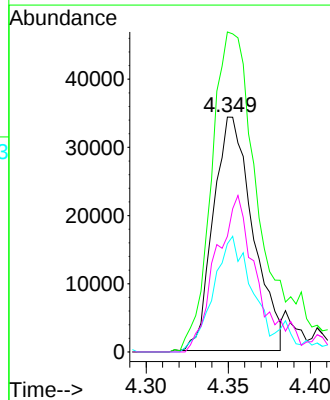
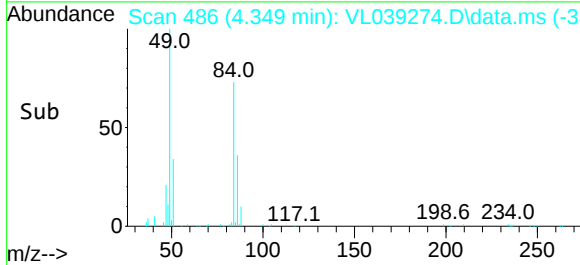
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

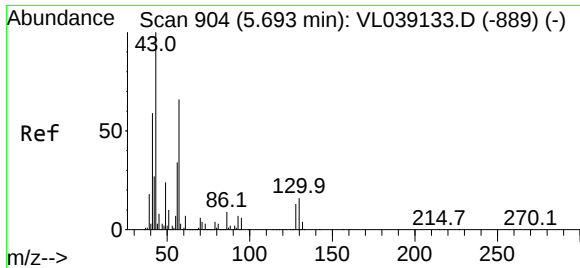


#20
Methylene Chloride
Concen: 1.054 ppbv
RT: 4.349 min Scan# 486
Delta R.T. -0.003 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05



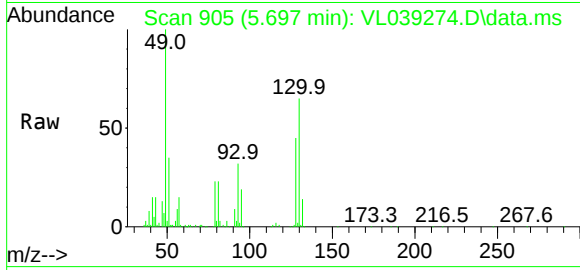
Tgt Ion: 84 Resp: 57343
Ion Ratio Lower Upper
84 100
49 136.7 111.1 166.7
51 46.4 35.3 52.9
86 49.6 51.9 77.9





#26
Hexane
Concen: 0.353 ppbv m
RT: 5.697 min Scan# 904
Delta R.T. 0.003 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

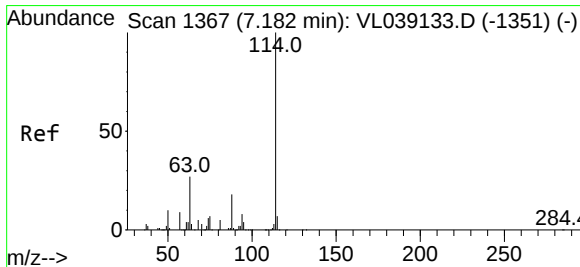
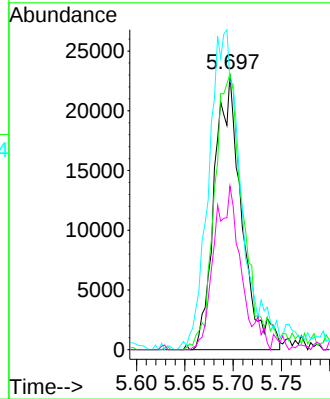
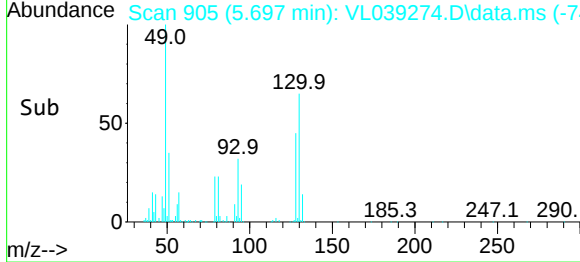
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



Tgt Ion: 57 Resp: 45119
Ion Ratio Lower Upper
57 100
41 114.5 72.4 108.6
43 150.0 187.0 280.6
56 60.5 41.8 62.6

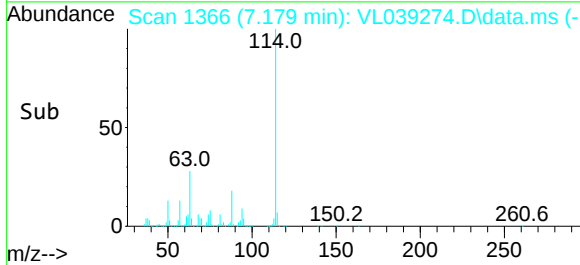
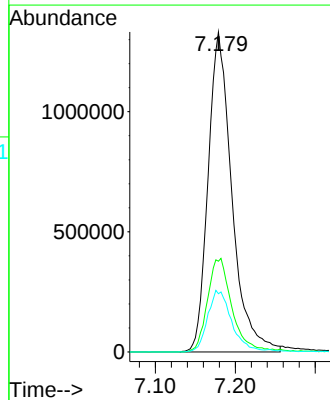
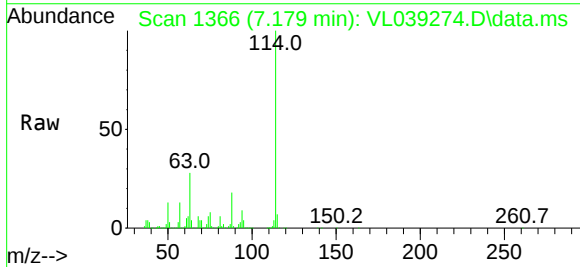
Manual Integrations
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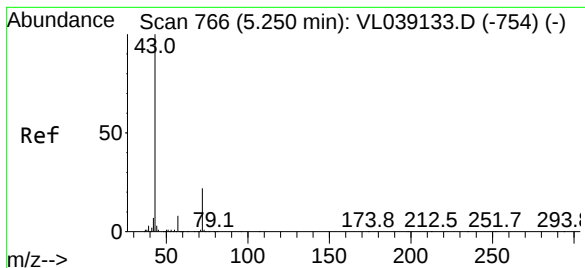
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. -0.003 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

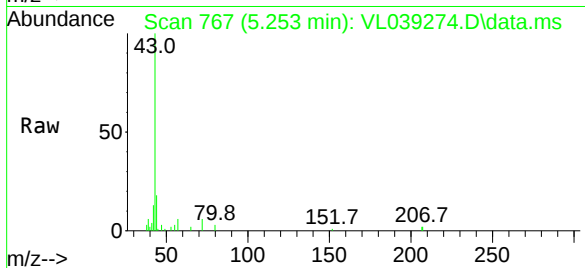
Tgt Ion:114 Resp: 2754757
Ion Ratio Lower Upper
114 100
63 30.4 21.7 32.5
88 20.0 14.8 22.2





#34
2-Butanone
Concen: 0.134 ppbv m
RT: 5.253 min Scan# 767
Delta R.T. 0.003 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

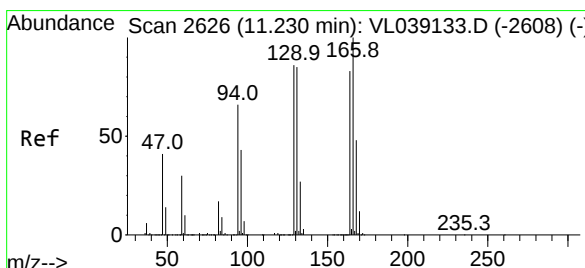
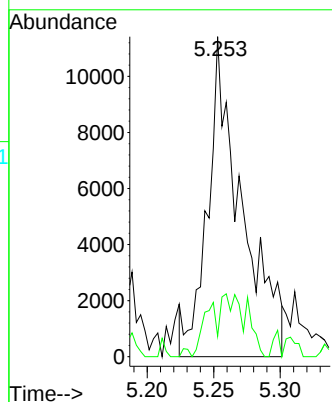
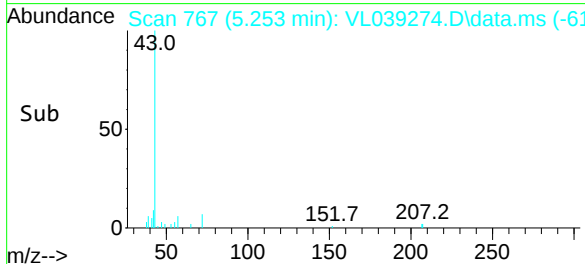
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



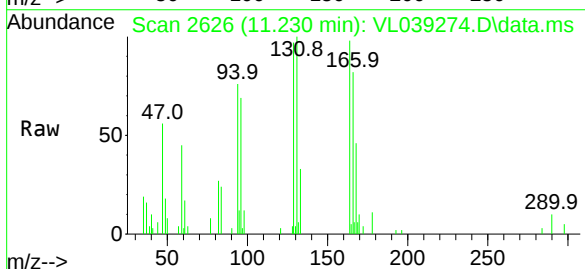
Tgt Ion: 43 Resp: 2004
Ion Ratio Lower Upper
43 100
72 21.9 18.2 27.2

Manual Integrations
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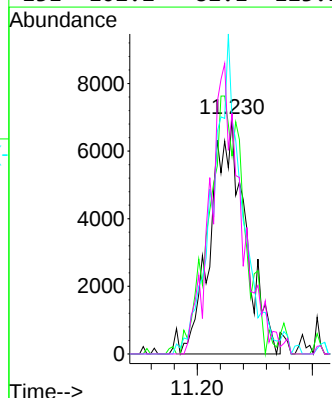
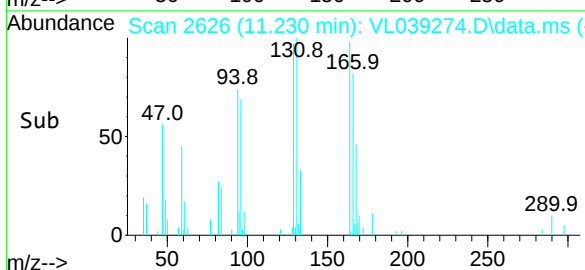
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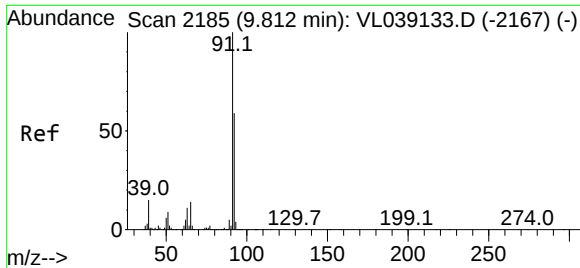


#52
Tetrachloroethene
Concen: 0.167 ppbv m
RT: 11.230 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05



Tgt Ion:164 Resp: 14600
Ion Ratio Lower Upper
164 100
166 84.1 96.3 144.5#
129 99.4 82.5 123.7
131 102.2 82.1 123.1





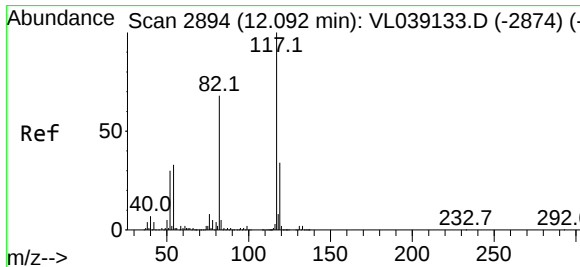
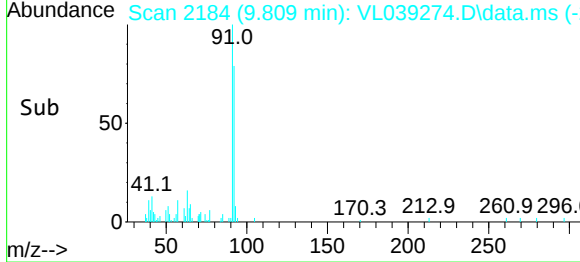
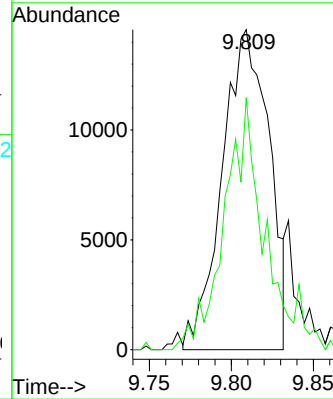
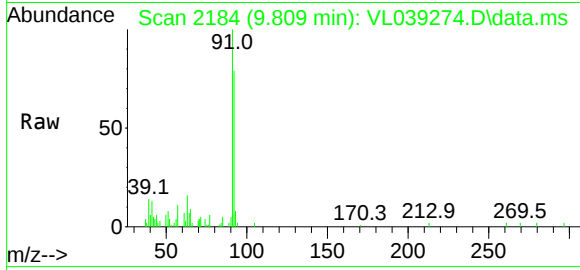
#53
Toluene
Concen: 0.113 ppbv
RT: 9.809 min Scan# 2185
Delta R.T. -0.003 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 91 Resp: 29010
Ion Ratio Lower Upper
91 100
92 67.8 48.1 72.1

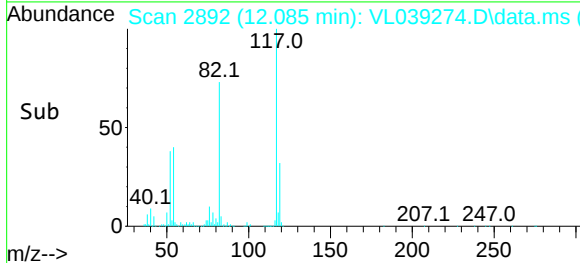
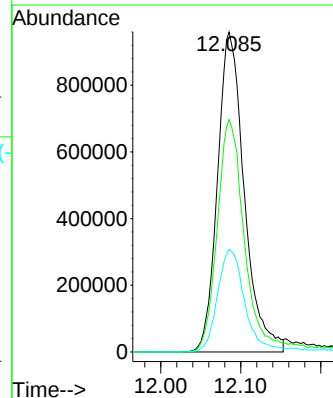
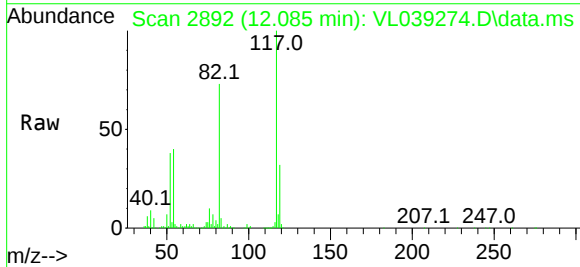
Manual Integrations
APPROVED

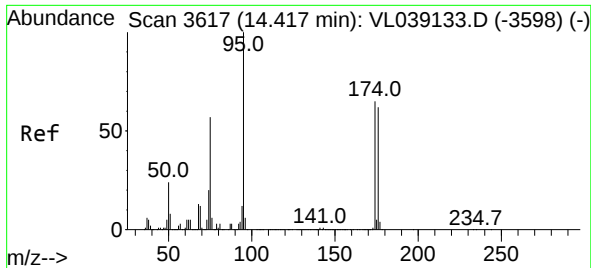
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.085 min Scan# 2892
Delta R.T. -0.006 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

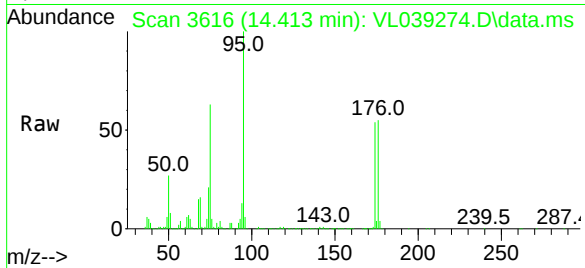
Tgt Ion:117 Resp: 2228413
Ion Ratio Lower Upper
117 100
82 75.3 55.1 82.7
119 33.2 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.283 ppbv
 RT: 14.413 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL039274.D
 Acq: 14 Jun 2022 6:05

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL



Tgt Ion: 95 Resp: 1894478
 Ion Ratio Lower Upper
 95 100
 174 61.3 53.8 80.8
 175 4.3 4.1 6.1

Manual Integrations
 APPROVED

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

