

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
 Data File : VL039272.D
 Acq On : 14 Jun 2022 4:41
 Operator : SY/AP
 Sample : N3326-05DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 08:09:56 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 15 08:09:56 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	1191771	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	2571958	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	2221238	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.416	95	1936432	10.545	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 105.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.057	85	28874	0.138	ppbv	95
3) Chlorodifluoromethane	2.996	51	22615m	0.149	ppbv	
4) Chloromethane	3.147	50	9322m	0.120	ppbv	
9) Propene	3.028	41	58861m	0.890	ppbv	
13) Ethanol	3.613	45	95013m	26.349	ppbv	
15) Acetone	3.861	43	443227	3.570	ppbv	93
19) Isopropyl Alcohol	3.980	45	307716	5.285	ppbv #	98
20) Methylene Chloride	4.353	84	69765	1.334	ppbv #	82
26) Hexane	5.693	57	45320m	0.369	ppbv	
52) Tetrachloroethene	11.220	164	11798m	0.145	ppbv	
53) Toluene	9.815	91	30876m	0.128	ppbv	

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

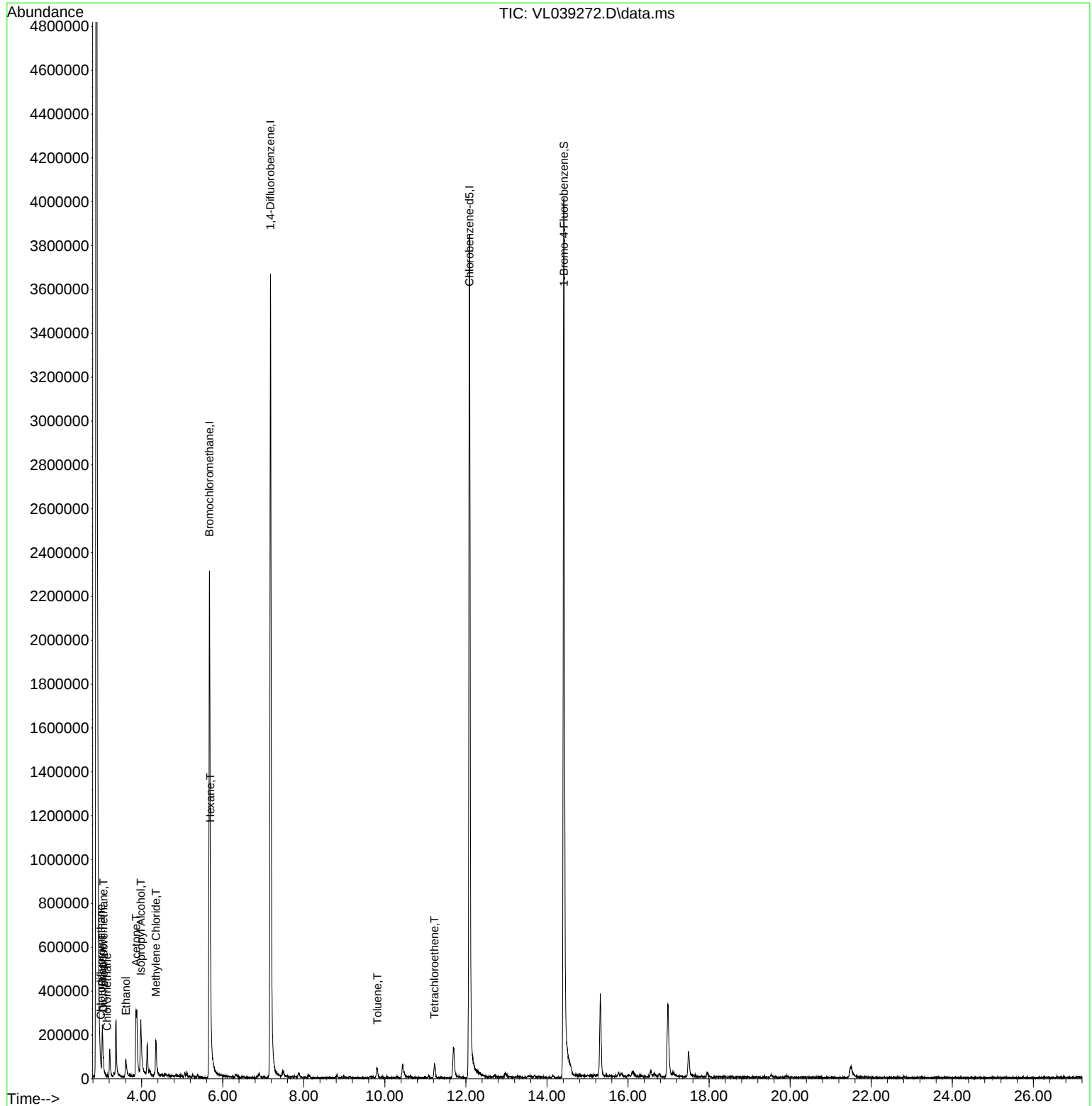
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
Data File : VL039272.D
Acq On : 14 Jun 2022 4:41
Operator : SY/AP
Sample : N3326-05DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

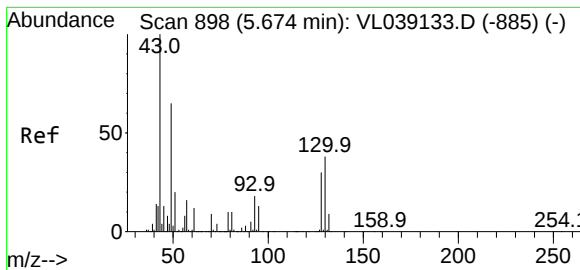
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

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

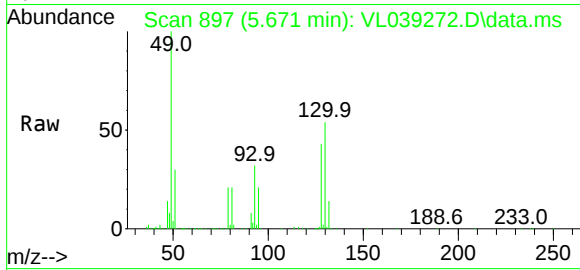
Quant Time: Jun 14 08:09:56 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. -0.003 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

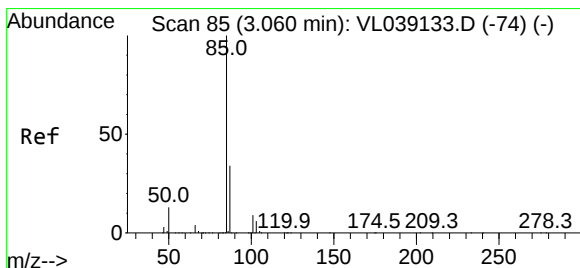
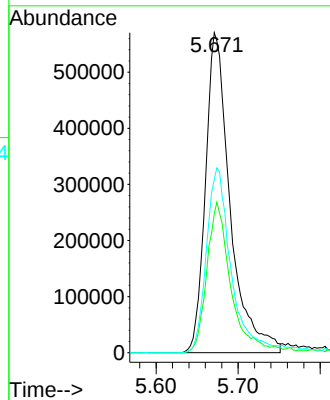
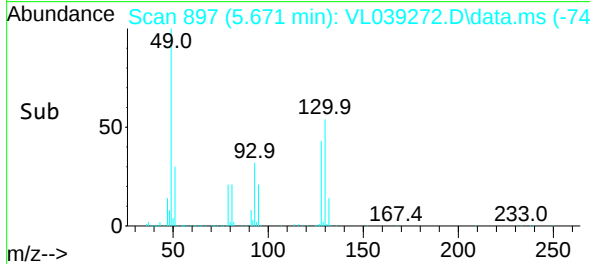
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 119177
Ion Ratio Lower Upper
49 100
128 46.4 24.7 74.1
130 59.9 31.4 94.0

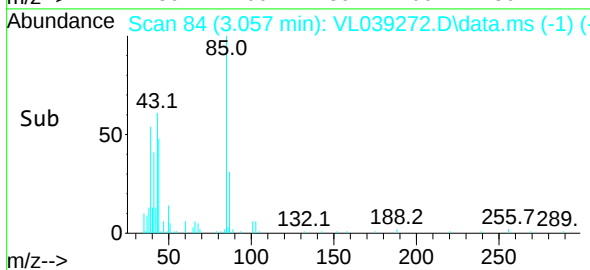
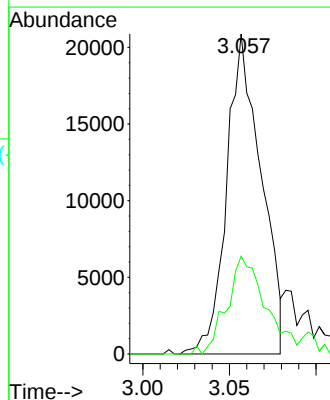
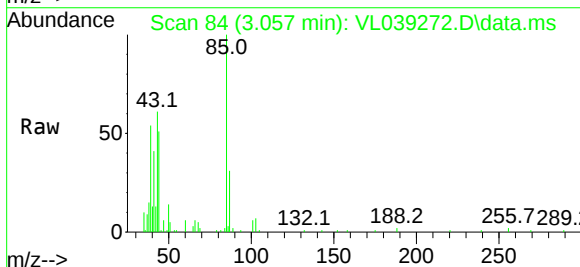
Manual Integrations
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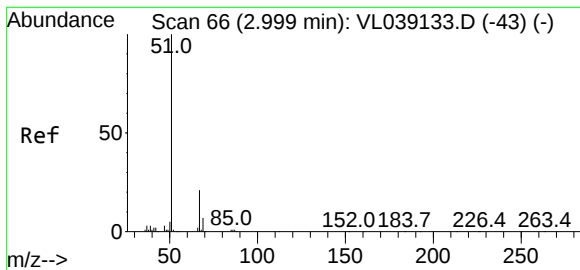
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#2
Dichlorodifluoromethane
Concen: 0.138 ppbv
RT: 3.057 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

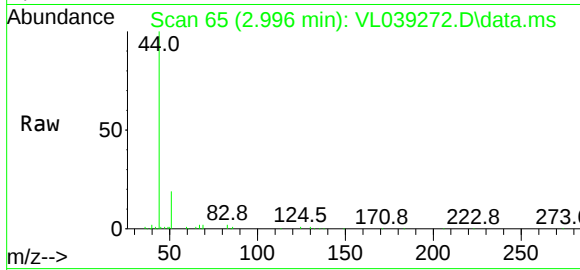
Tgt Ion: 85 Resp: 28874
Ion Ratio Lower Upper
85 100
87 30.6 26.9 40.3





#3
Chlorodifluoromethane
Concen: 0.149 ppbv m
RT: 2.996 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

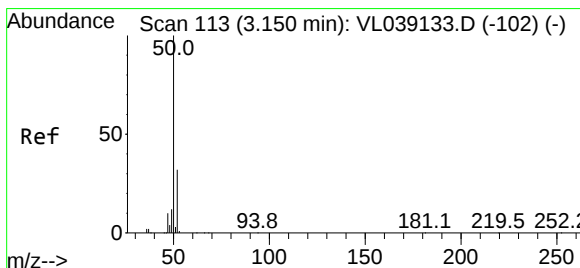
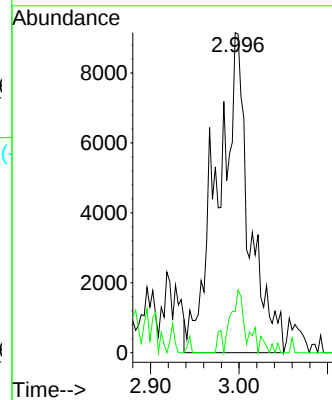
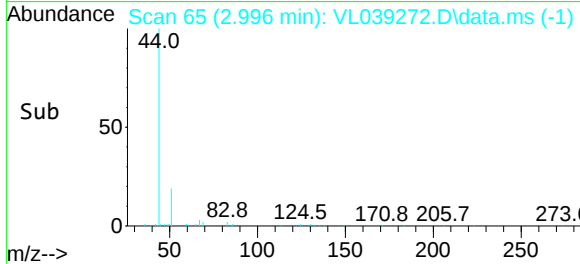
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 51 Resp: 2261
Ion Ratio Lower Upper
51 100
67 0.7 16.2 24.4

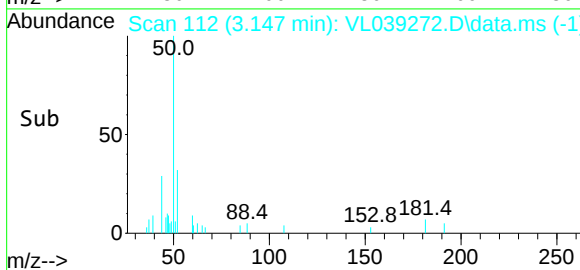
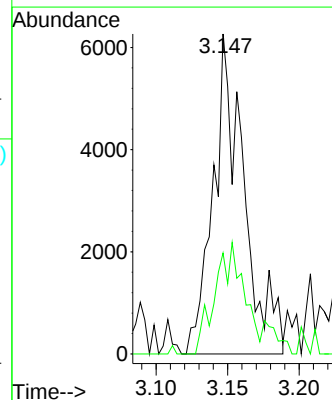
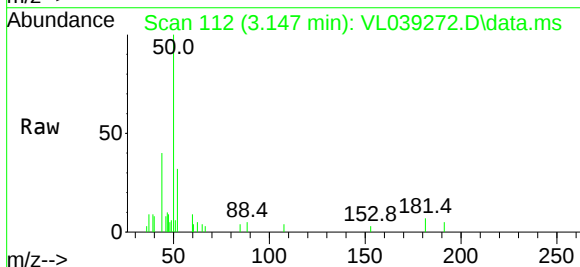
Manual Integrations
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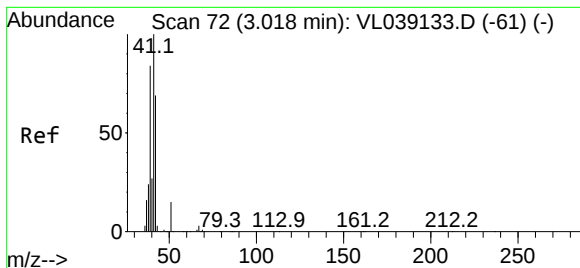
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#4
Chloromethane
Concen: 0.120 ppbv m
RT: 3.147 min Scan# 112
Delta R.T. -0.003 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

Tgt Ion: 50 Resp: 9322
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9





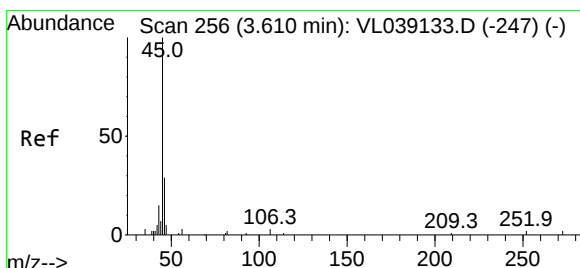
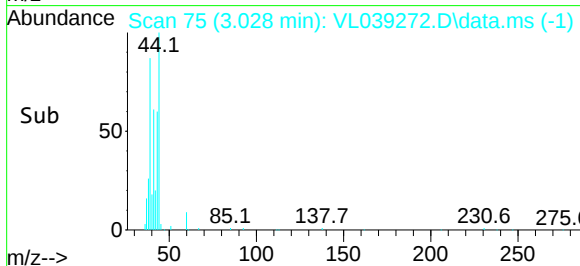
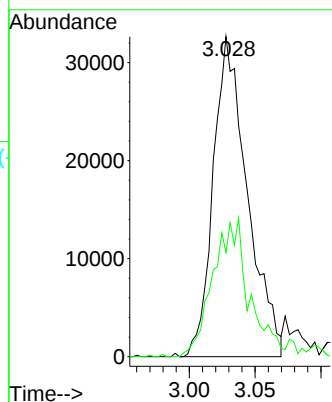
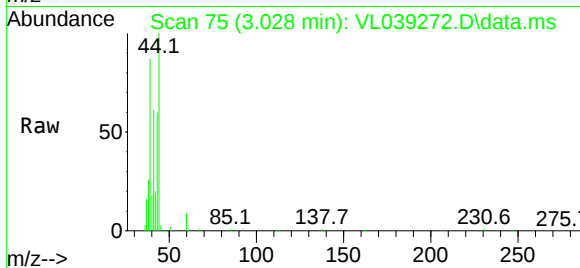
#9
Propene
Concen: 0.890 ppbv m
RT: 3.028 min Scan# 71
Delta R.T. 0.010 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 41 Resp: 5886
Ion Ratio Lower Upper
41 100
42 48.6 55.4 83.2

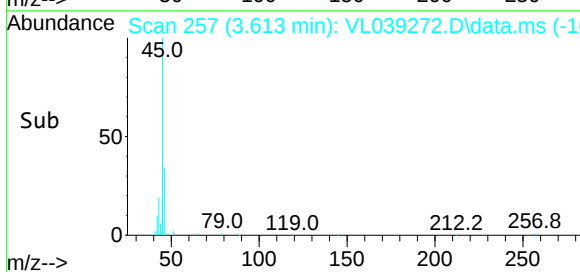
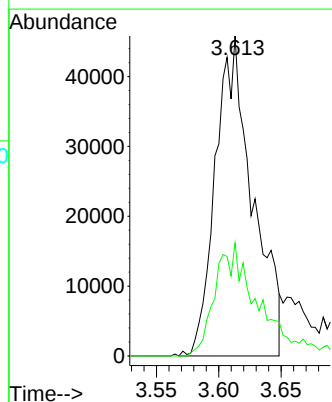
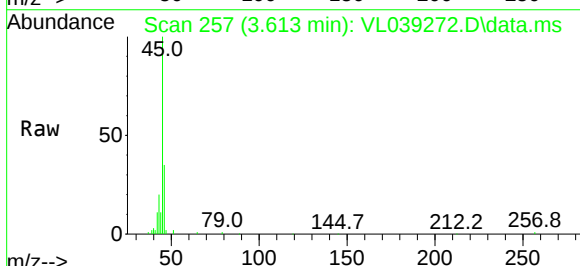
Manual Integrations
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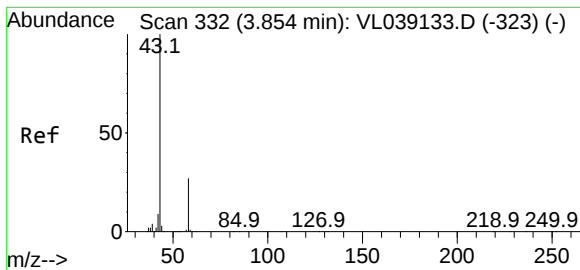
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#13
Ethanol
Concen: 26.349 ppbv m
RT: 3.613 min Scan# 257
Delta R.T. 0.003 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

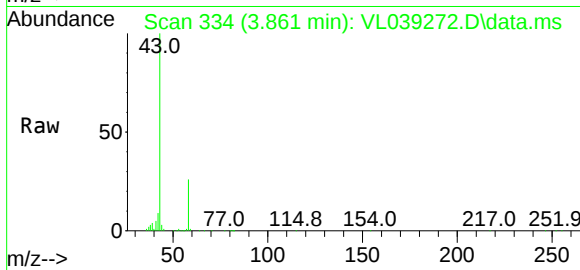
Tgt Ion: 45 Resp: 95013
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0





#15
Acetone
Concen: 3.570 ppbv
RT: 3.861 min Scan# 311
Delta R.T. 0.006 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

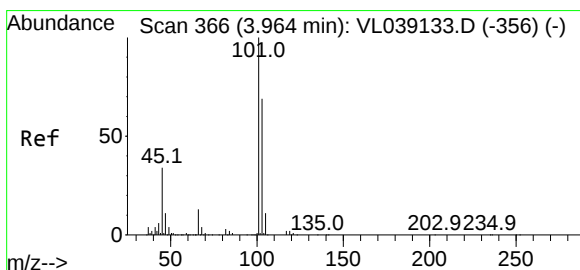
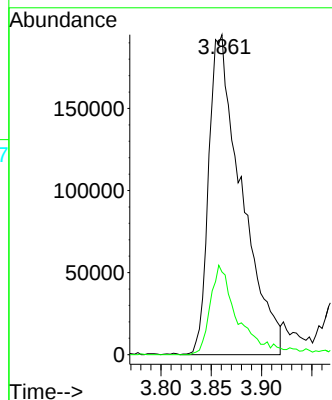
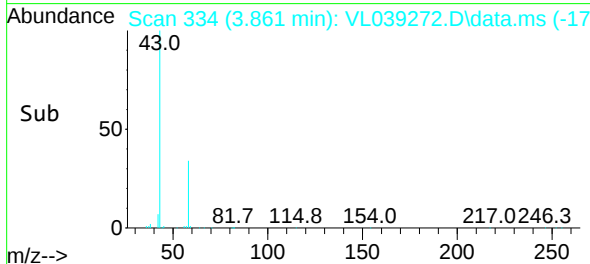
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 43 Resp: 443227
Ion Ratio Lower Upper
43 100
58 24.2 22.5 33.7

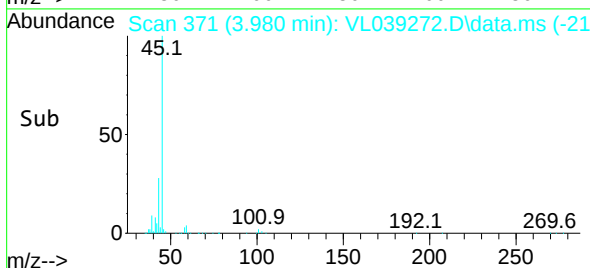
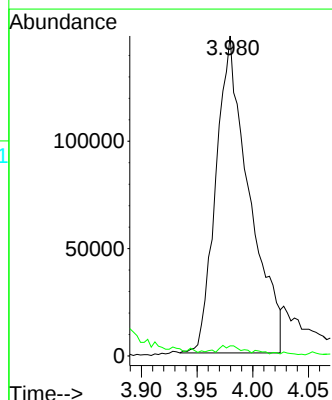
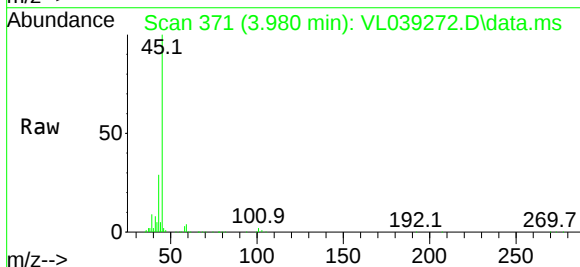
Manual Integrations
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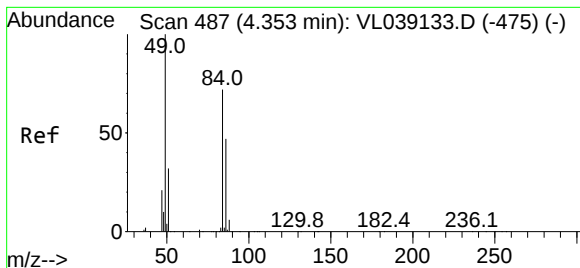
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#19
Isopropyl Alcohol
Concen: 5.285 ppbv
RT: 3.980 min Scan# 371
Delta R.T. 0.016 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

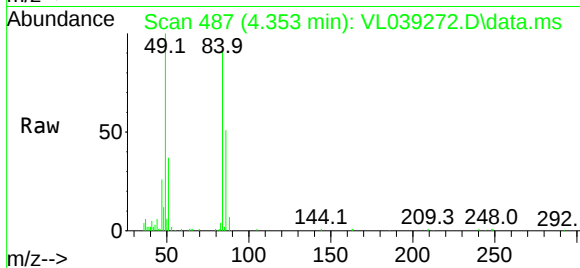
Tgt Ion: 45 Resp: 307716
Ion Ratio Lower Upper
45 100
58 3.0 1.8 2.8#





#20
Methylene Chloride
Concen: 1.334 ppbv
RT: 4.353 min Scan# 487
Delta R.T. -0.000 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

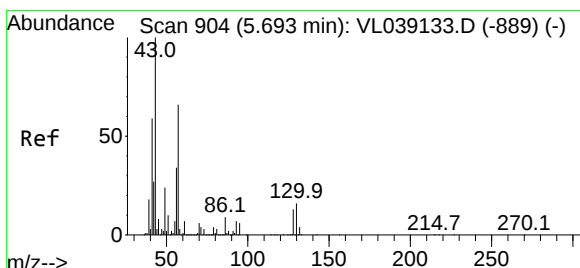
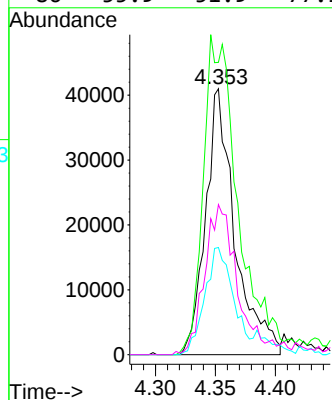
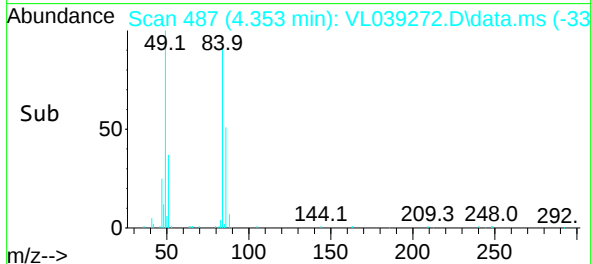
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



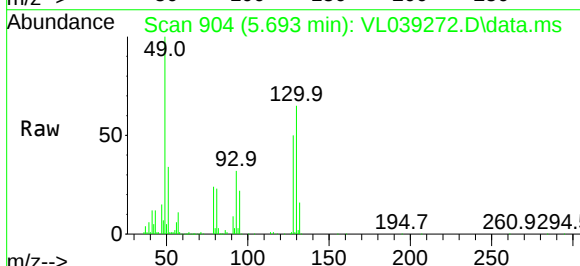
Tgt Ion: 84 Resp: 6976
Ion Ratio Lower Upper
84 100
49 108.5 111.1 166.7
51 40.3 35.3 52.9
86 55.9 51.9 77.9

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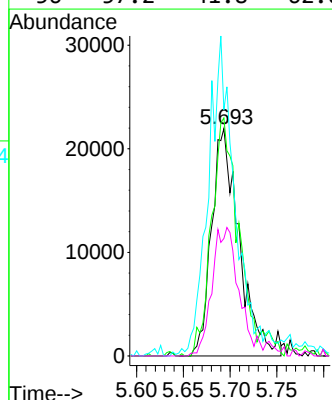
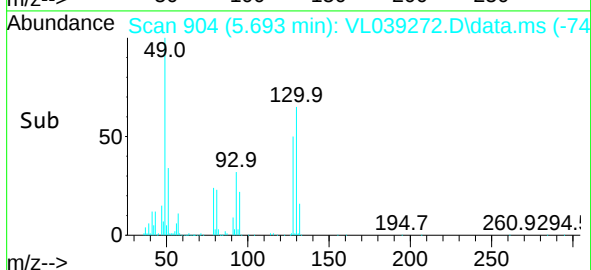
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

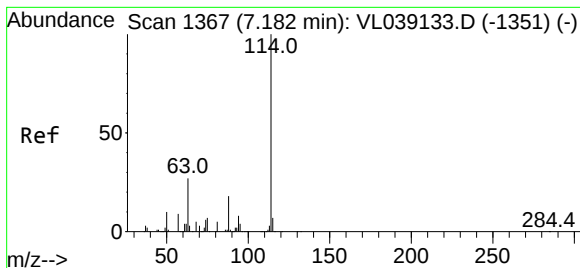


#26
Hexane
Concen: 0.369 ppbv m
RT: 5.693 min Scan# 904
Delta R.T. -0.000 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41



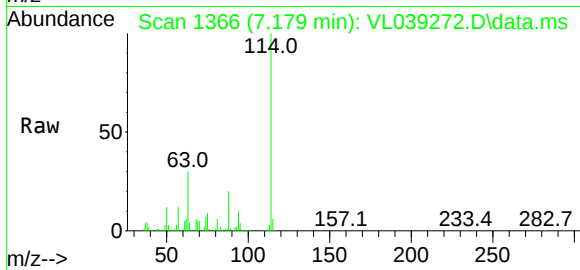
Tgt Ion: 57 Resp: 45320
Ion Ratio Lower Upper
57 100
41 108.2 72.4 108.6
43 143.8 187.0 280.6
56 57.2 41.8 62.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

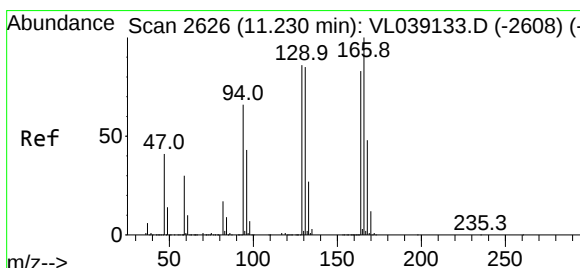
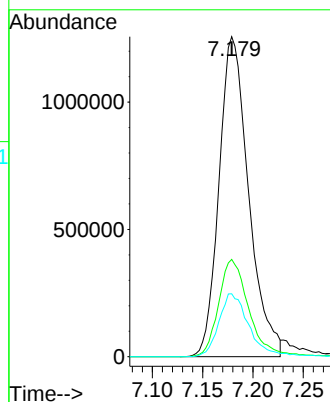
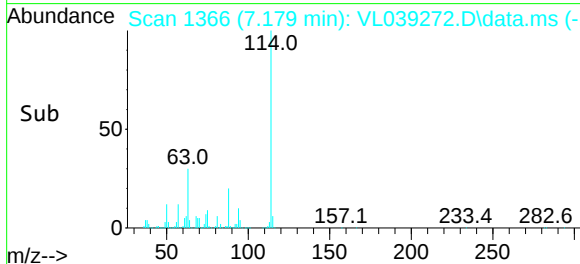
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion:114 Resp: 257195
Ion Ratio Lower Upper
114 100
63 31.4 21.7 32.5
88 20.4 14.8 22.2

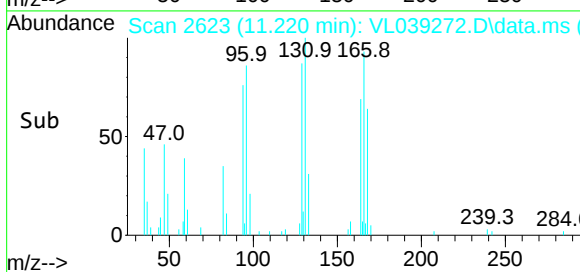
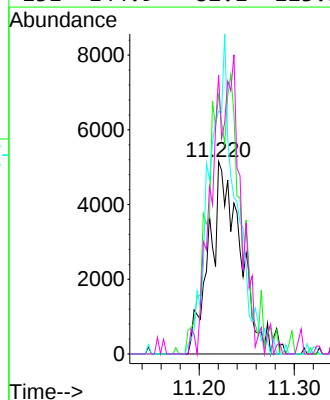
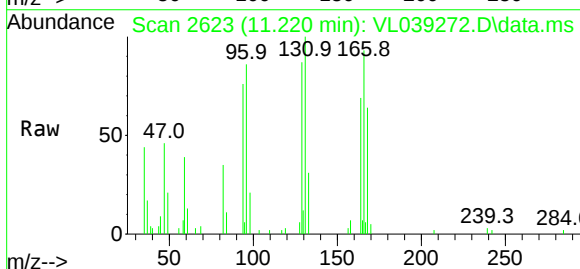
Manual Integrations
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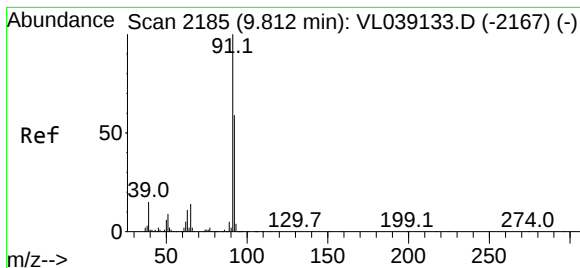
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#52
Tetrachloroethene
Concen: 0.145 ppbv m
RT: 11.220 min Scan# 2623
Delta R.T. -0.010 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

Tgt Ion:164 Resp: 11798
Ion Ratio Lower Upper
164 100
166 135.3 96.3 144.5
129 126.0 82.5 123.7#
131 144.9 82.1 123.1#





#53

Toluene

Concen: 0.128 ppbv m

RT: 9.815 min Scan# 2185

Delta R.T. 0.003 min

Lab File: VL039272.D

Acq: 14 Jun 2022 4:41

Instrument :

MSVOA_L

ClientSampleId :

OA1DL

Tgt Ion: 91 Resp: 30870

Ion Ratio Lower Upper

91 100

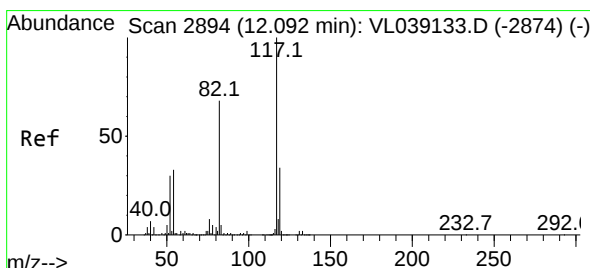
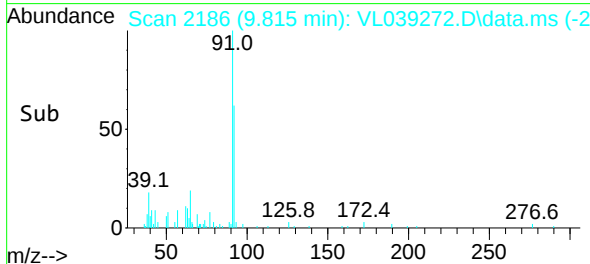
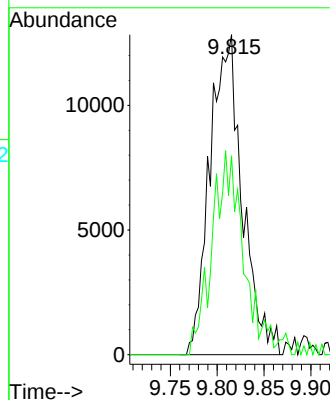
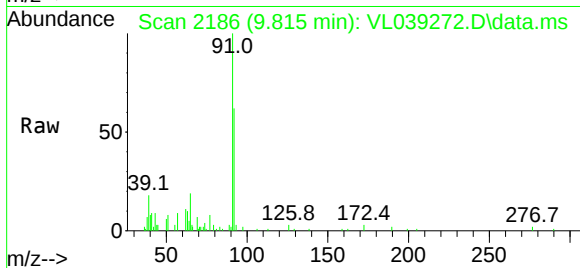
92 64.0 48.1 72.1

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: 12.089 min Scan# 2893

Delta R.T. -0.003 min

Lab File: VL039272.D

Acq: 14 Jun 2022 4:41

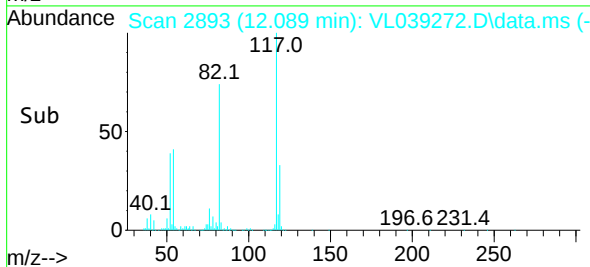
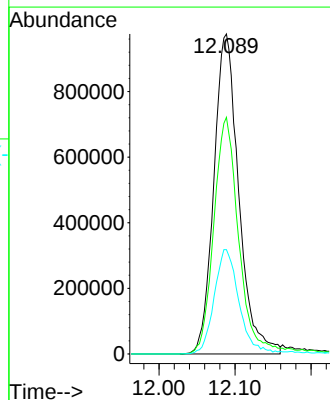
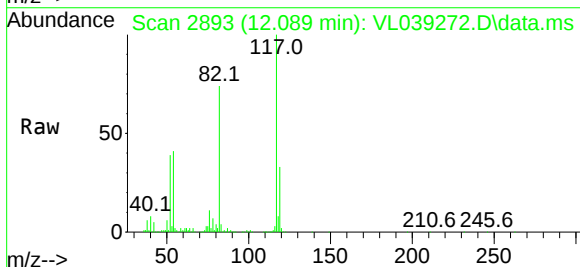
Tgt Ion:117 Resp: 2221238

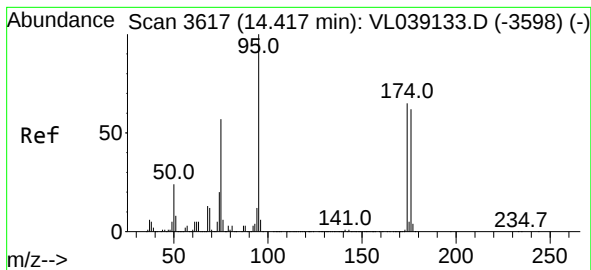
Ion Ratio Lower Upper

117 100

82 75.8 55.1 82.7

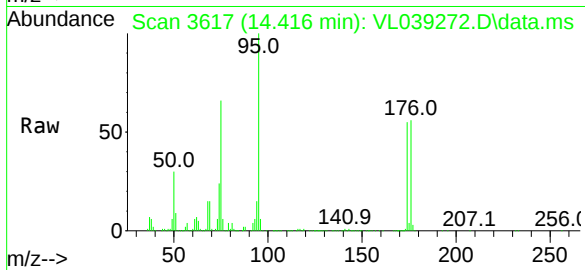
119 33.3 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.545 ppbv
 RT: 14.416 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL039272.D
 Acq: 14 Jun 2022 4:41

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL



Tgt Ion: 95 Resp: 193643

Ion	Ratio	Lower	Upper
95	100		
174	58.4	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

