

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051122\
 Data File : VL039029.D
 Acq On : 11 May 2022 21:05
 Operator : SY/AP
 Sample : N2753-03DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 12 01:59:51 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 12 01:59:51 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.649	49	917865	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	2449063	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.057	117	2018059	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.384	95	1531534	9.583	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.800%
Target Compounds						
2) Dichlorodifluoromethane	3.044	85	18989	0.132	ppbv	97
3) Chlorodifluoromethane	2.983	51	13335	0.117	ppbv #	90
4) Chloromethane	3.134	50	9102m	0.160	ppbv	
9) Propene	3.015	41	11143m	0.224	ppbv	
13) Ethanol	3.594	45	34366m	9.763	ppbv	
15) Acetone	3.838	43	220418m	2.546	ppbv	
19) Isopropyl Alcohol	3.973	45	19780m	0.480	ppbv	
20) Methylene Chloride	4.330	84	23728m	0.727	ppbv	
26) Hexane	5.674	57	26591m	0.289	ppbv	
34) 2-Butanone	5.250	43	15417m	0.123	ppbv	

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

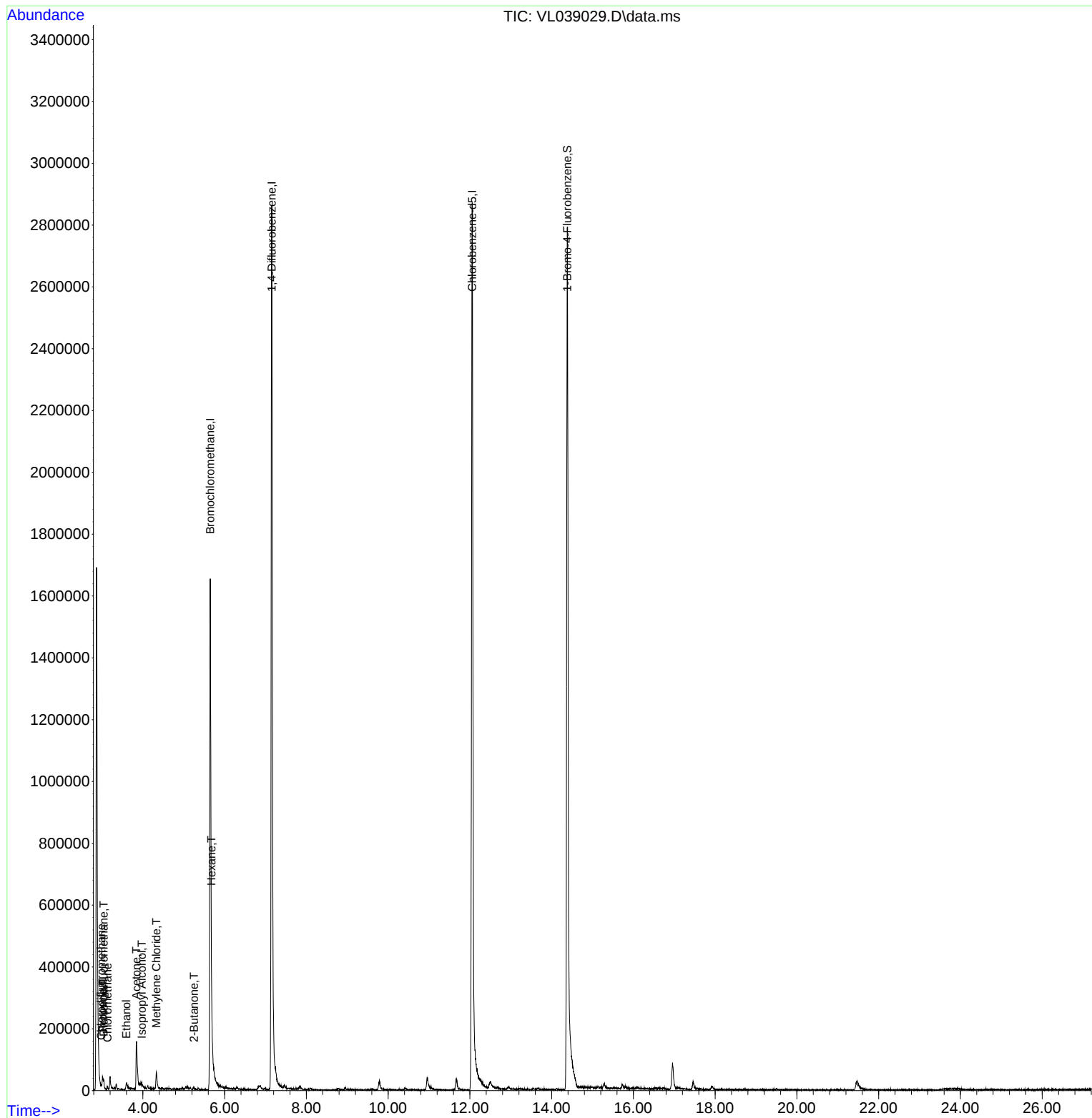
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051122\
Data File : VL039029.D
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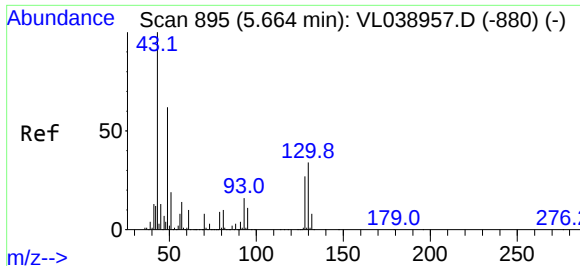
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

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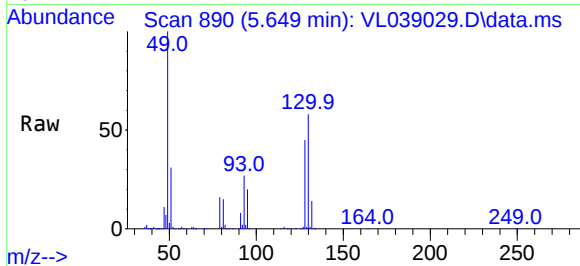
Quant Time: May 12 01:59:51 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.649 min Scan# 89
Delta R.T. -0.016 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

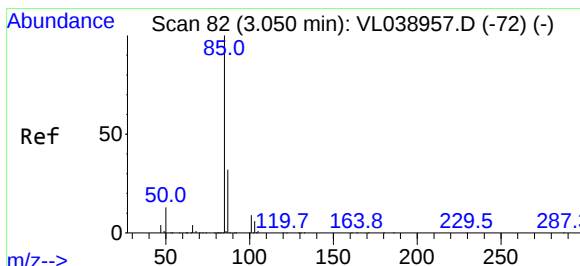
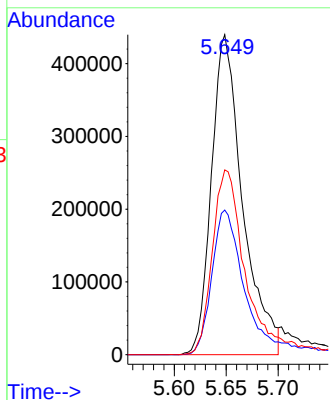
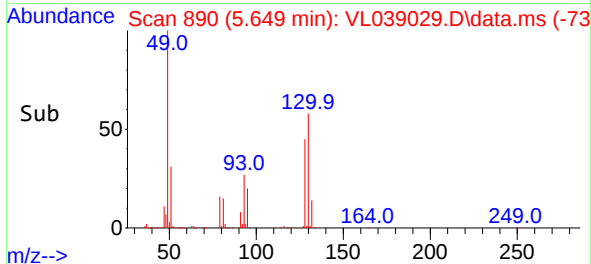
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 91786
Ion Ratio Lower Upper
49 100
128 51.1 23.3 69.8
130 64.5 29.8 89.3

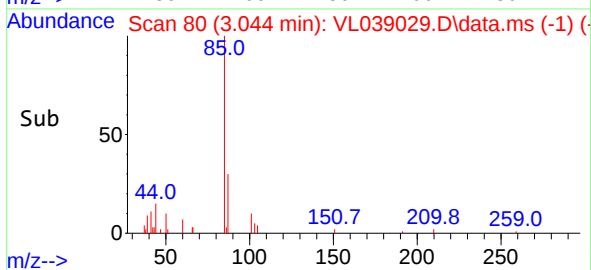
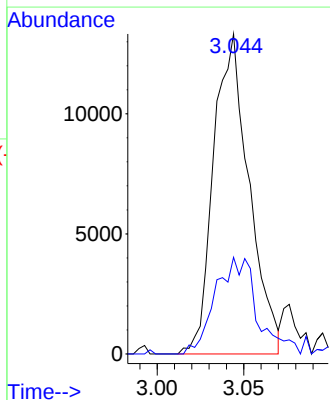
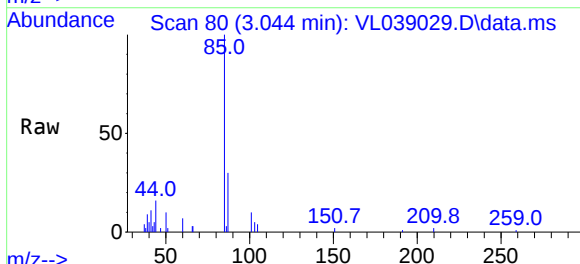
Manual Integrations
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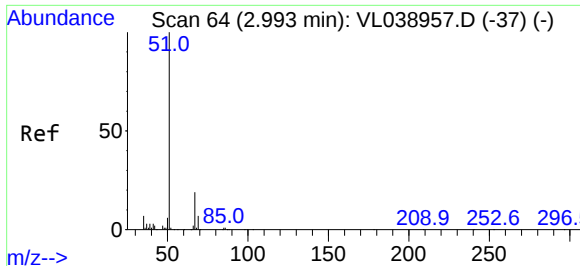
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#2
Dichlorodifluoromethane
Concen: 0.132 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

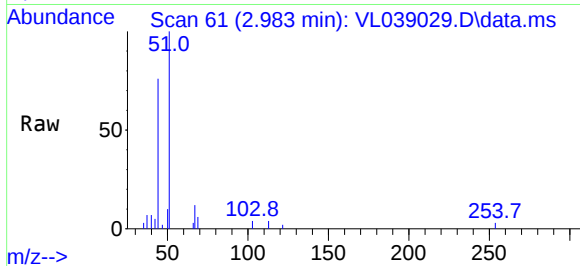
Tgt Ion: 85 Resp: 18989
Ion Ratio Lower Upper
85 100
87 30.2 25.7 38.5





#3
Chlorodifluoromethane
Concen: 0.117 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.009 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

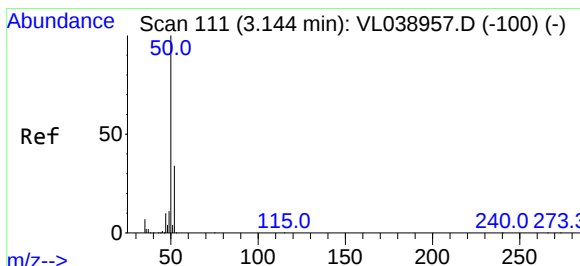
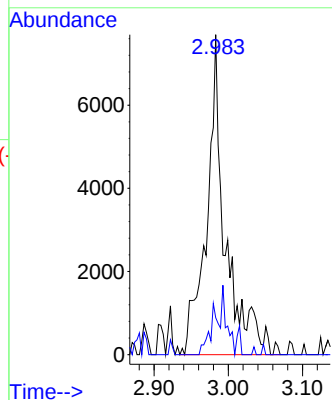
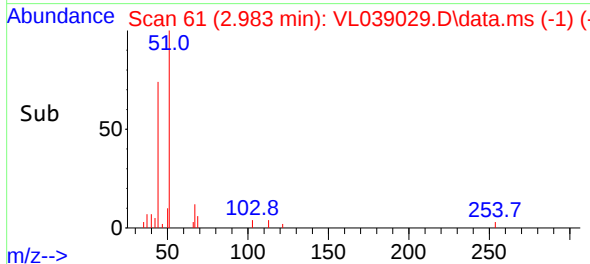
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 51 Resp: 1333
Ion Ratio Lower Upper
51 100
67 15.0 15.8 23.8

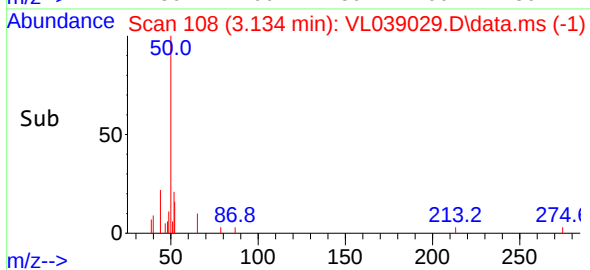
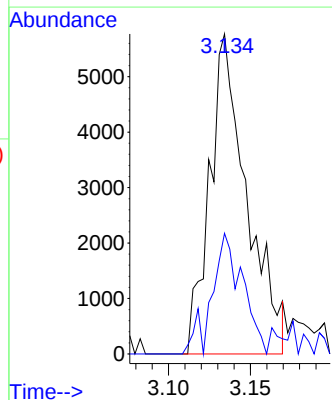
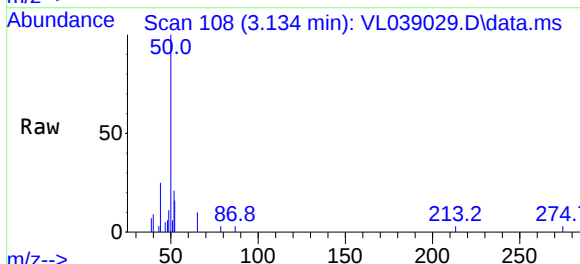
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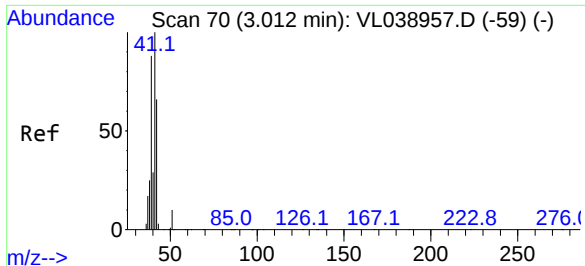
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#4
Chloromethane
Concen: 0.160 ppbv m
RT: 3.134 min Scan# 108
Delta R.T. -0.009 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

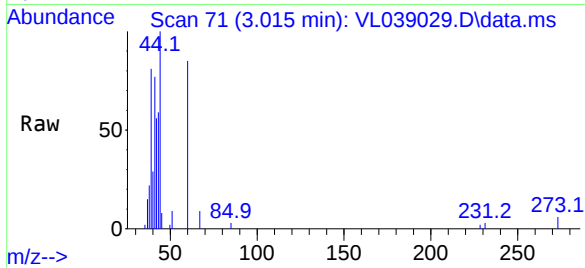
Tgt Ion: 50 Resp: 9102
Ion Ratio Lower Upper
50 100
52 21.2 27.3 40.9





#9
 Propene
 Concen: 0.224 ppbv m
 RT: 3.015 min Scan# 70
 Delta R.T. 0.003 min
 Lab File: VL039029.D
 Acq: 11 May 2022 21:05

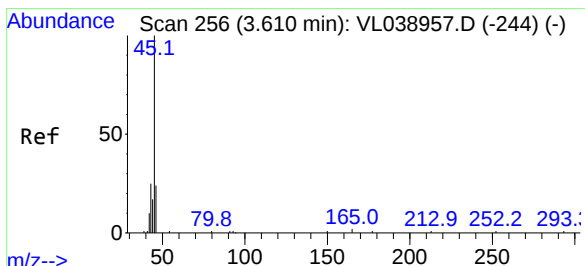
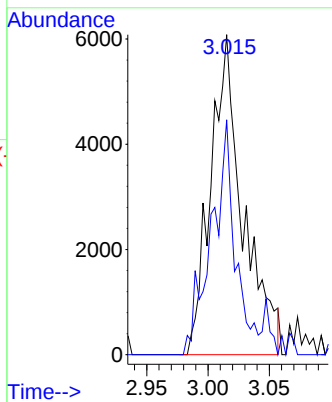
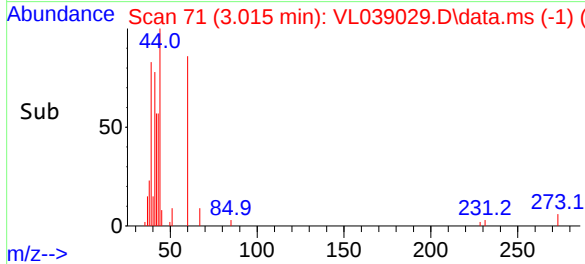
Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL



Tgt Ion: 41 Resp: 1114
 Ion Ratio Lower Upper
 41 100
 42 0.0 58.3 87.5

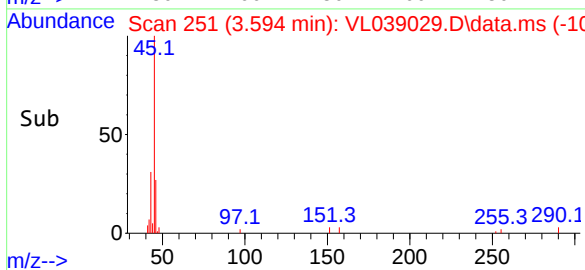
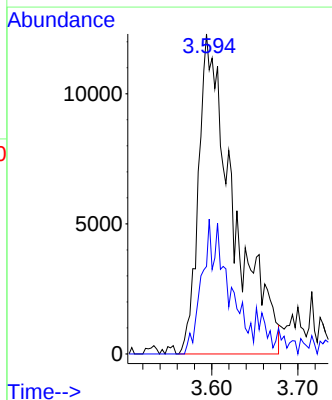
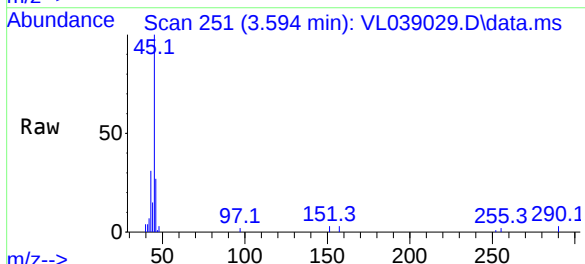
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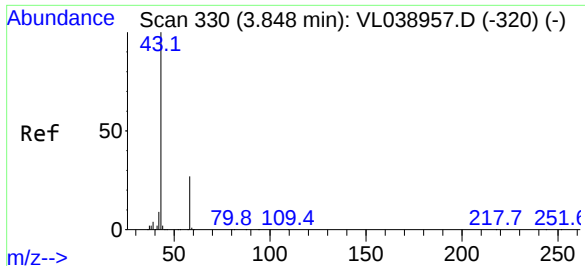
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#13
 Ethanol
 Concen: 9.763 ppbv m
 RT: 3.594 min Scan# 251
 Delta R.T. -0.016 min
 Lab File: VL039029.D
 Acq: 11 May 2022 21:05

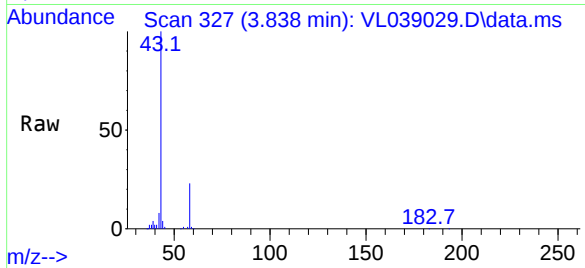
Tgt Ion: 45 Resp: 34366
 Ion Ratio Lower Upper
 45 100
 46 31.1 18.0 72.2





#15
Acetone
Concen: 2.546 ppbv m
RT: 3.838 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

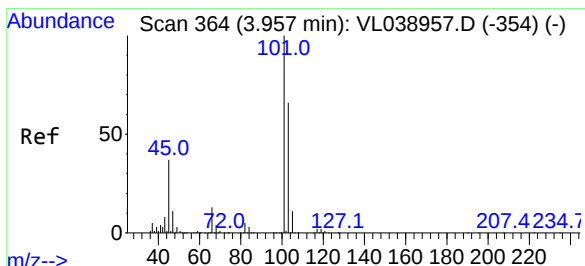
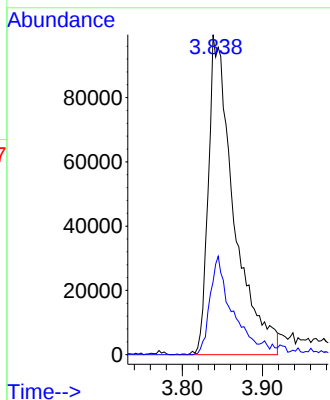
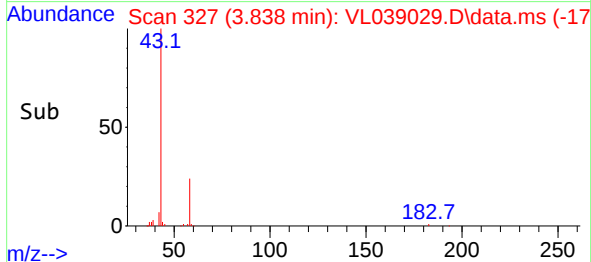
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



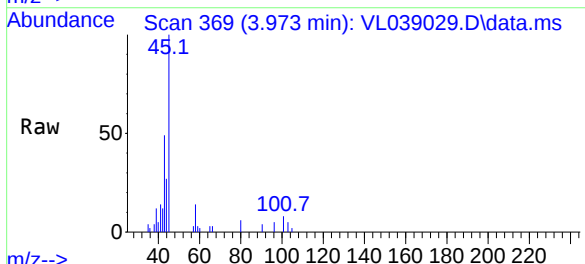
Tgt Ion: 43 Resp: 220418
Ion Ratio Lower Upper
43 100
58 0.0 21.3 31.9

Manual Integrations
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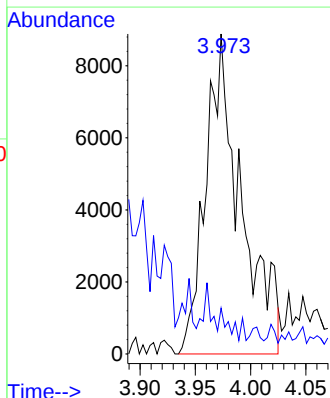
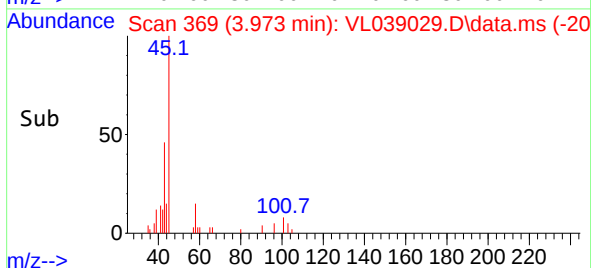
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

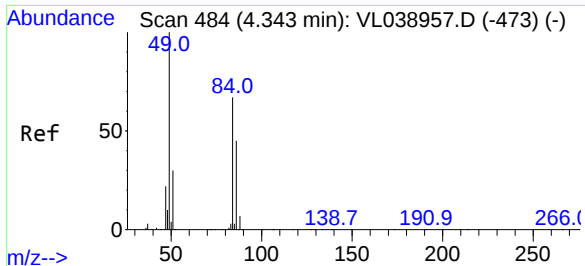


#19
Isopropyl Alcohol
Concen: 0.480 ppbv m
RT: 3.973 min Scan# 369
Delta R.T. 0.016 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05



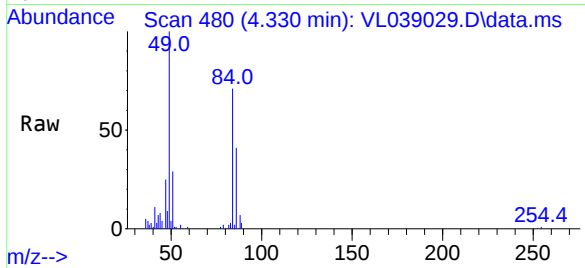
Tgt Ion: 45 Resp: 19780
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.2





#20
Methylene Chloride
Concen: 0.727 ppbv m
RT: 4.330 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

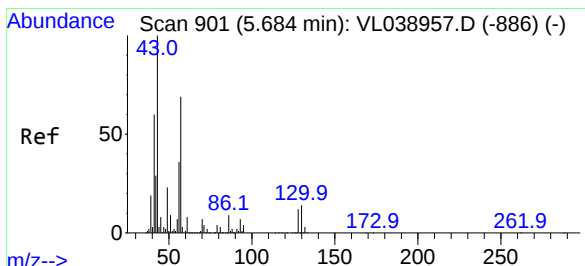
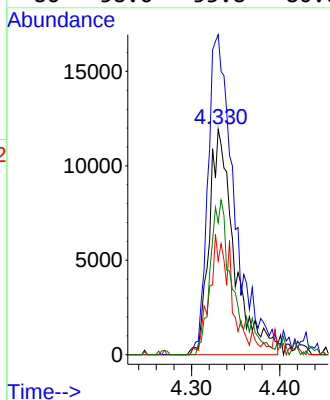
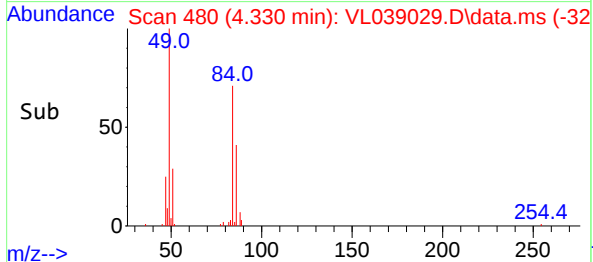
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



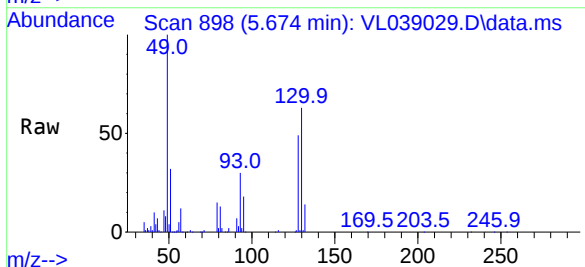
Tgt Ion: 84 Resp: 23728
Ion Ratio Lower Upper
84 100
49 141.8 119.9 179.9
51 41.5 35.7 53.5
86 58.6 53.8 80.6

Manual Integrations
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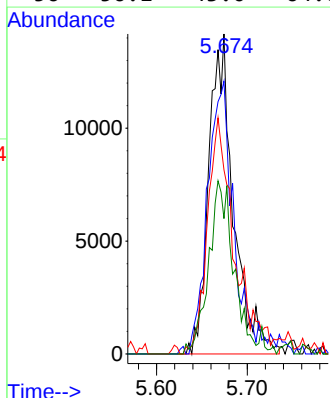
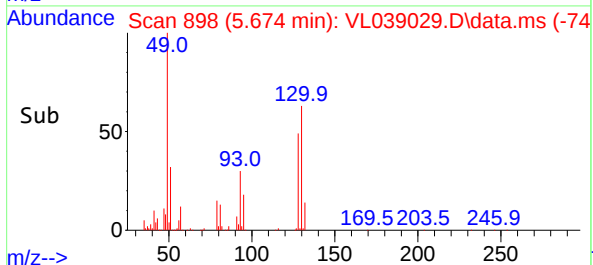
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

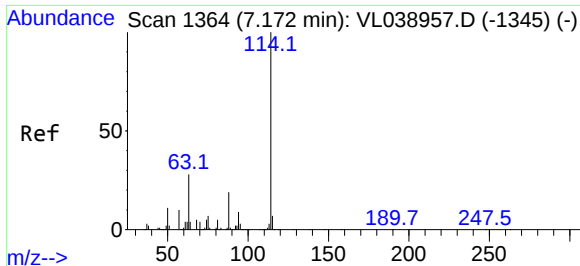


#26
Hexane
Concen: 0.289 ppbv m
RT: 5.674 min Scan# 898
Delta R.T. -0.009 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05



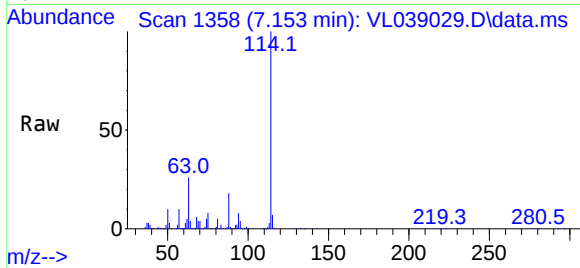
Tgt Ion: 57 Resp: 26591
Ion Ratio Lower Upper
57 100
41 0.0 75.2 112.8#
43 87.3 190.8 286.2#
56 56.1 43.0 64.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 114
Delta R.T. -0.019 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

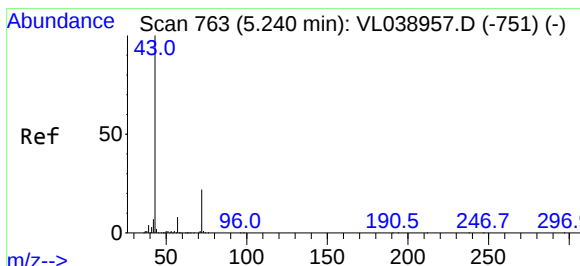
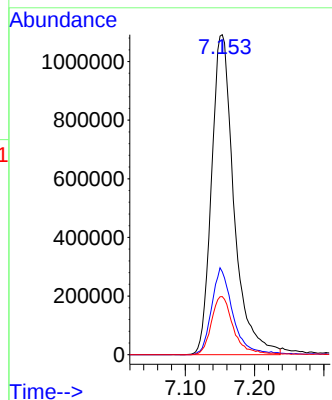
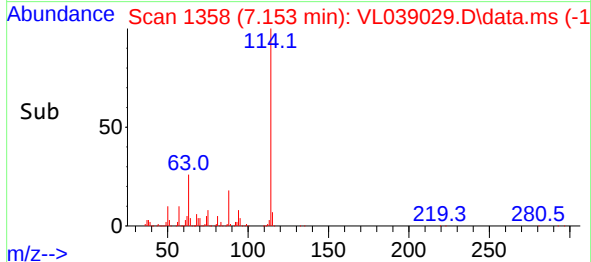
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



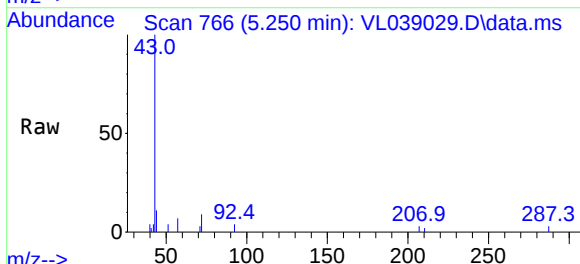
Tgt Ion:114 Resp: 244906
Ion Ratio Lower Upper
114 100
63 26.0 22.6 33.8
88 18.0 15.4 23.0

Manual Integrations
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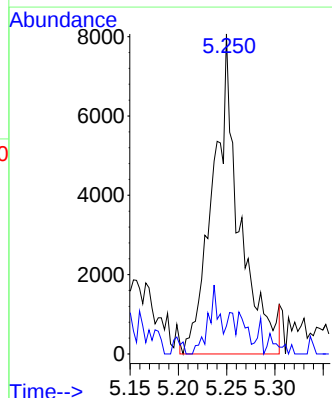
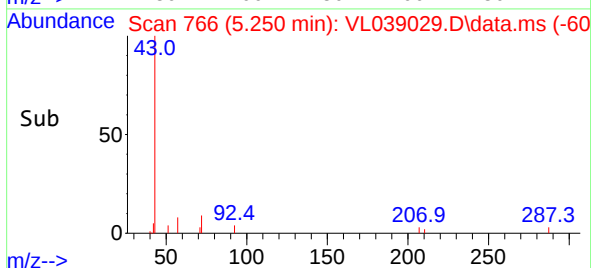
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

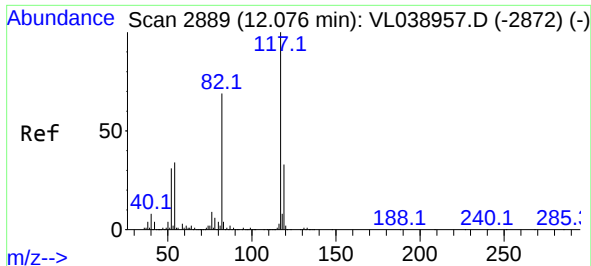


#34
2-Butanone
Concen: 0.123 ppbv m
RT: 5.250 min Scan# 766
Delta R.T. 0.010 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05



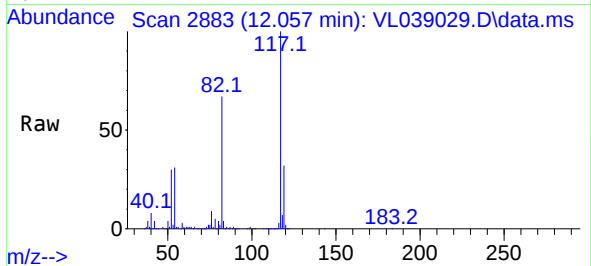
Tgt Ion: 43 Resp: 15417
Ion Ratio Lower Upper
43 100
72 19.3 17.8 26.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.057 min Scan# 201805
Delta R.T. -0.019 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

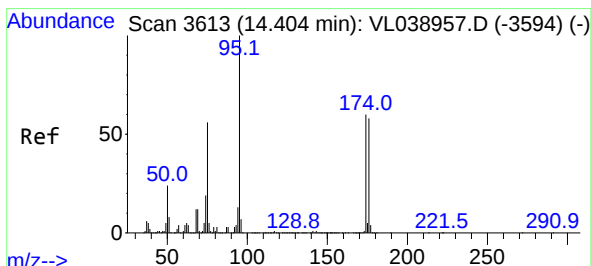
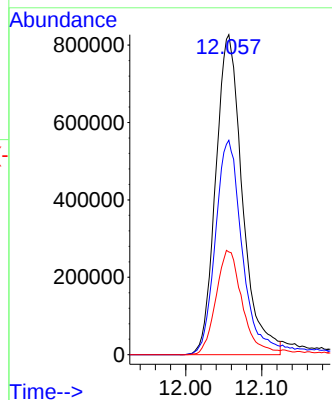
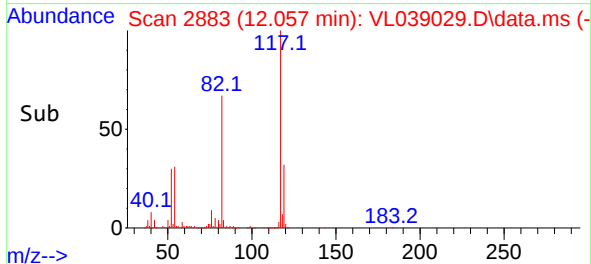
Instrument :
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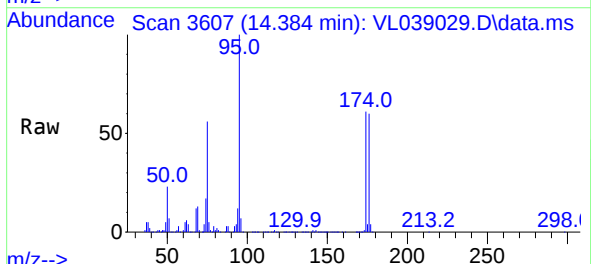
Tgt Ion:117 Resp: 201805
Ion Ratio Lower Upper
117 100
82 71.6 57.0 85.6
119 34.0 27.2 40.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.583 ppbv
RT: 14.384 min Scan# 3607
Delta R.T. -0.019 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05



Tgt Ion: 95 Resp: 1531534
Ion Ratio Lower Upper
95 100
174 67.9 50.8 76.2
175 4.7 3.8 5.6

