

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038773.D
 Acq On : 28 Mar 2022 16:17
 Operator : SY/AP
 Sample : N2078-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V-3

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 06:12:21 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 29 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	771327	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.179	114	2079004	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.085	117	1703302	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.416	95	1251818	9.586	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.057	85	26622	0.257	ppbv	90
3) Chlorodifluoromethane	3.002	51	28125	0.345	ppbv	96
4) Chloromethane	3.150	50	33940	0.759	ppbv	90
9) Propene	3.031	41	19704	0.501	ppbv	89
11) Trichlorofluoromethane	3.960	101	19831	0.217	ppbv	98
13) Ethanol	3.619	45	50680m	11.682	ppbv	
15) Acetone	3.864	43	142430	2.140	ppbv	94
19) Isopropyl Alcohol	3.992	45	9182m	0.249	ppbv	
20) Methylene Chloride	4.353	84	48562	1.732	ppbv	96
26) Hexane	5.690	57	37309m	0.497	ppbv	

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

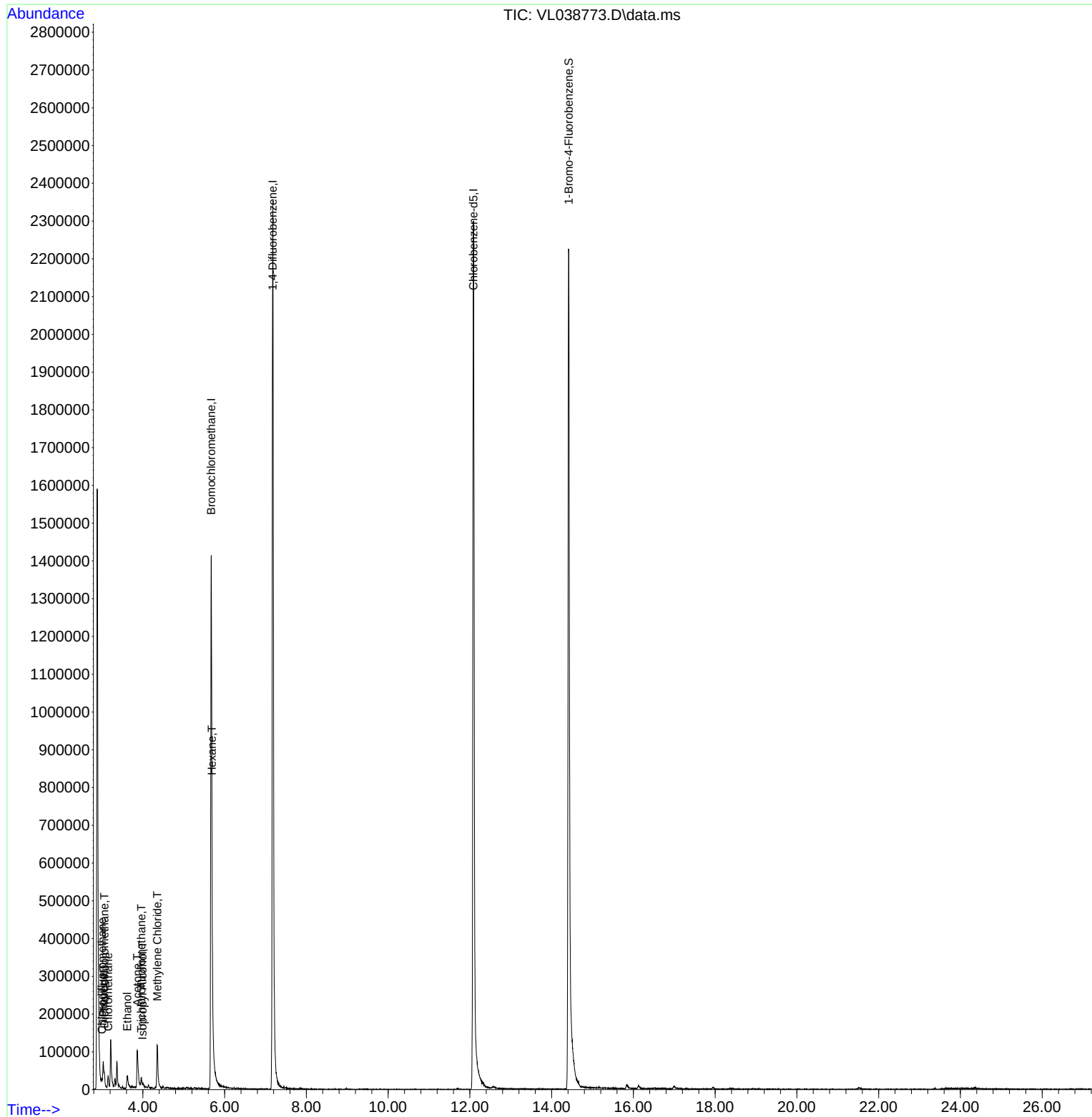
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
Data File : VL038773.D
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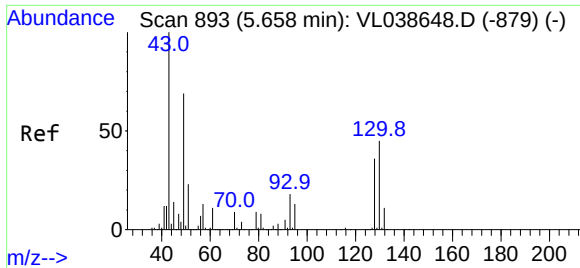
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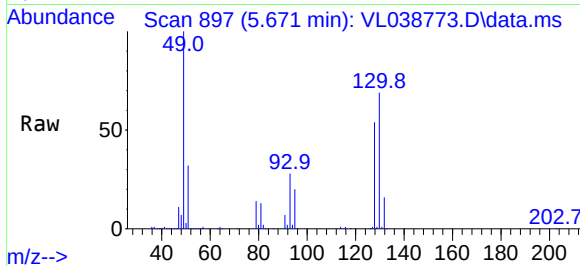
Quant Time: Mar 29 06:12:21 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 84
Delta R.T. 0.013 min
Lab File: VL038773.D
Acq: 28 Mar 2022 16:17

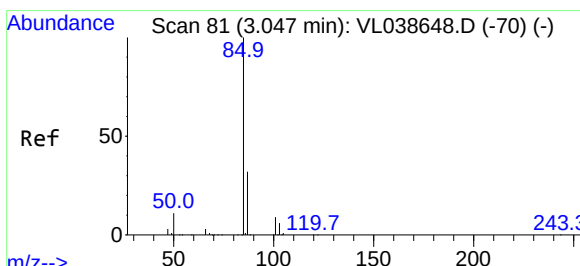
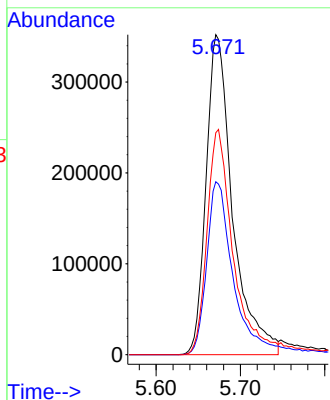
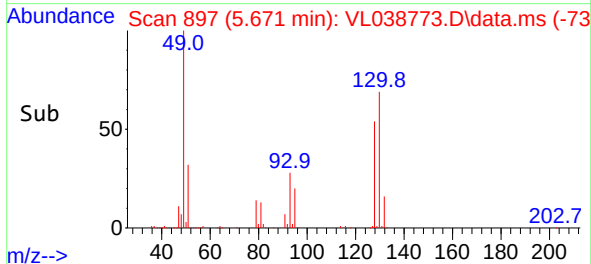
Instrument :
MSVOA_L
ClientSampleId :
V-3



Tgt Ion: 49 Resp: 77132
Ion Ratio Lower Upper
49 100
128 57.2 26.2 78.6
130 74.4 33.7 101.1

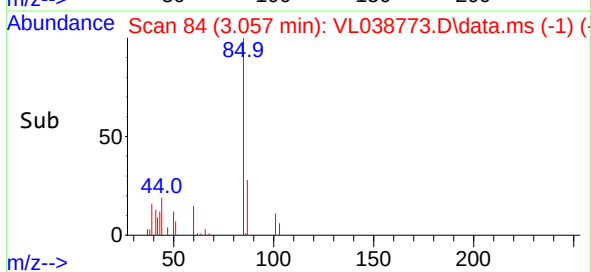
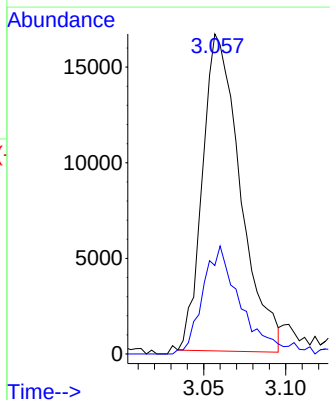
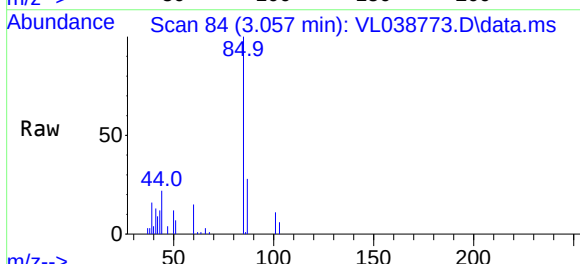
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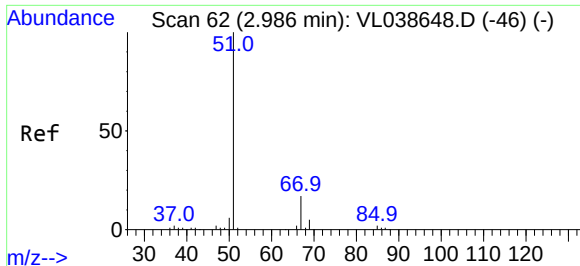
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Supervised By :Mahesh Dadoda 03/29/2022



#2
Dichlorodifluoromethane
Concen: 0.257 ppbv
RT: 3.057 min Scan# 84
Delta R.T. 0.009 min
Lab File: VL038773.D
Acq: 28 Mar 2022 16:17

Tgt Ion: 85 Resp: 26622
Ion Ratio Lower Upper
85 100
87 26.7 26.0 39.0





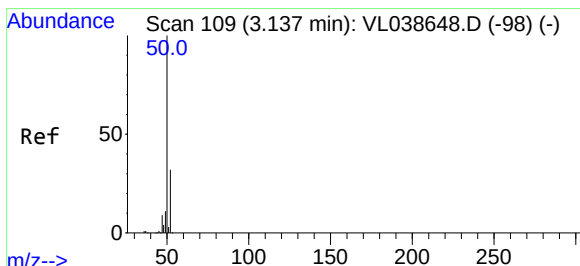
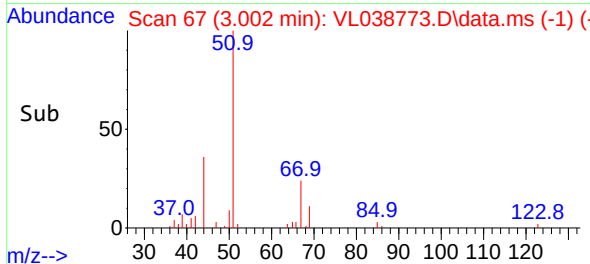
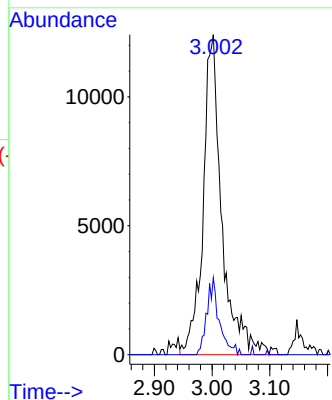
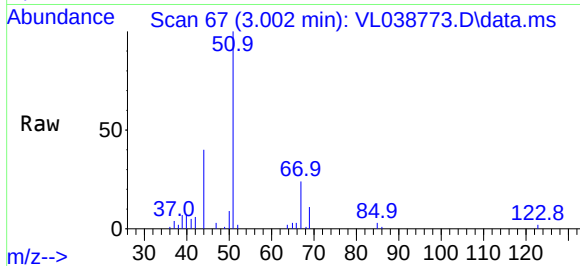
#3
Chlorodifluoromethane
Concen: 0.345 ppbv
RT: 3.002 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL038773.D
Acq: 28 Mar 2022 16:17

Instrument :
MSVOA_L
ClientSampleId :
V-3

Tgt Ion: 51 Resp: 2812
Ion Ratio Lower Upper
51 100
67 15.9 14.1 21.1

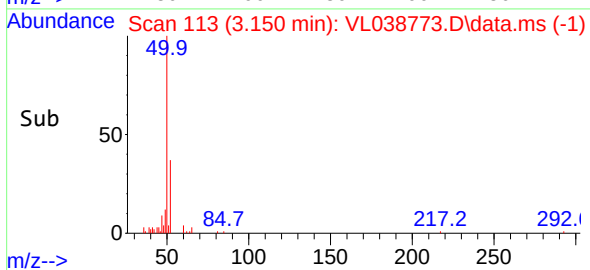
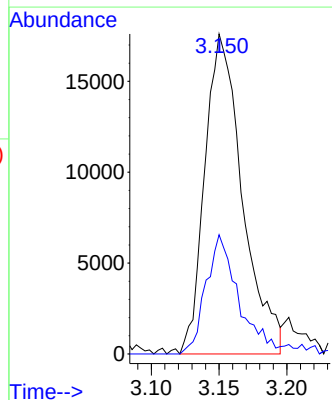
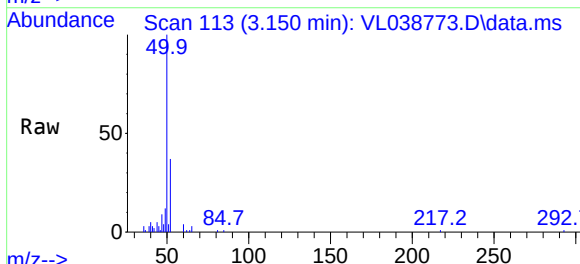
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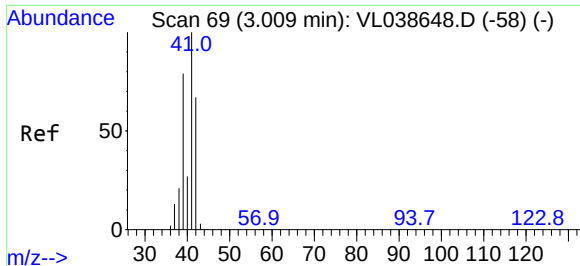
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#4
Chloromethane
Concen: 0.759 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.013 min
Lab File: VL038773.D
Acq: 28 Mar 2022 16:17

Tgt Ion: 50 Resp: 33940
Ion Ratio Lower Upper
50 100
52 37.3 25.5 38.3





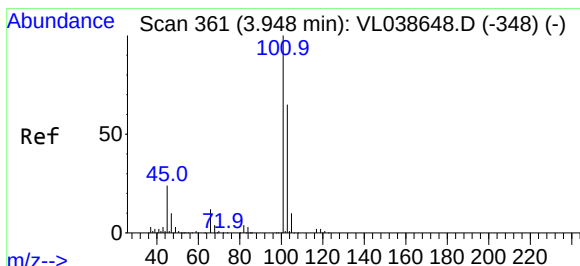
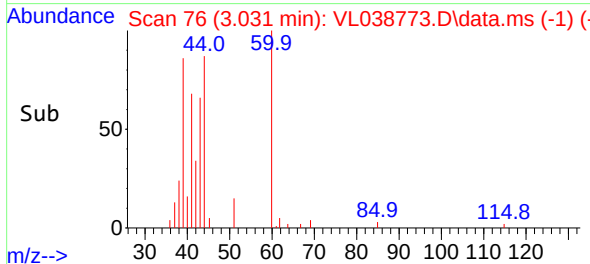
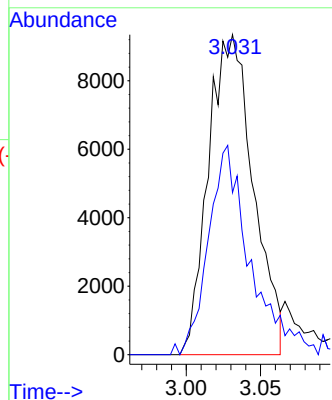
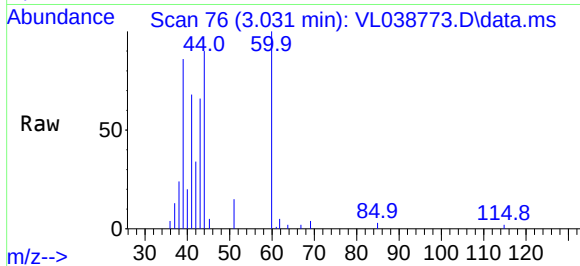
#9
Propene
Concen: 0.501 ppbv
RT: 3.031 min Scan# 70
Delta R.T. 0.022 min
Lab File: VL038773.D
Acq: 28 Mar 2022 16:17

Instrument :
MSVOA_L
ClientSampleId :
V-3

Tgt Ion: 41 Resp: 19704
Ion Ratio Lower Upper
41 100
42 61.6 56.2 84.4

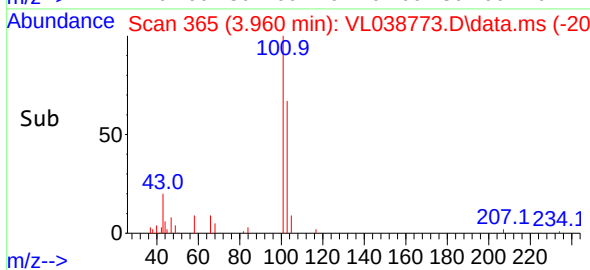
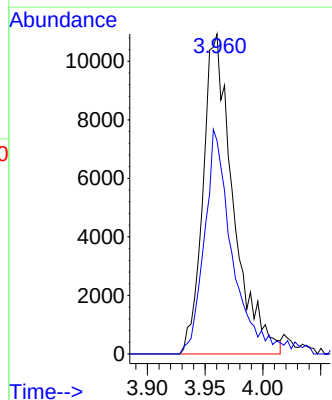
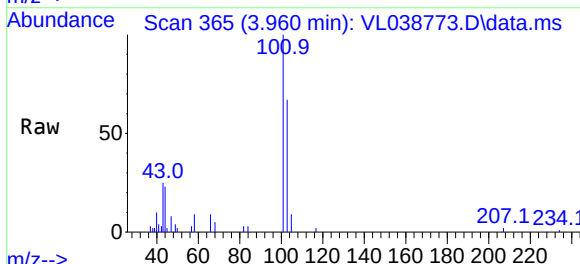
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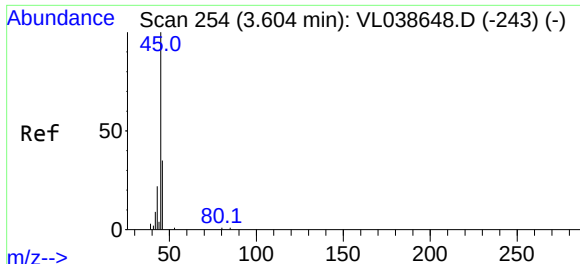
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#11
Trichlorofluoromethane
Concen: 0.217 ppbv
RT: 3.960 min Scan# 365
Delta R.T. 0.013 min
Lab File: VL038773.D
Acq: 28 Mar 2022 16:17

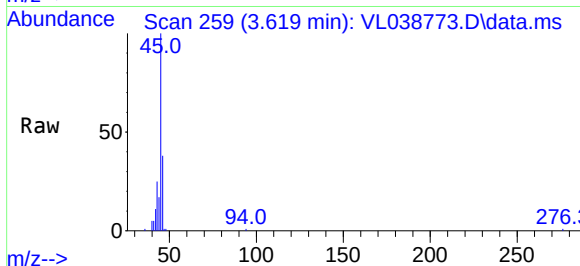
Tgt Ion:101 Resp: 19831
Ion Ratio Lower Upper
101 100
103 66.7 51.9 77.9





#13
Ethanol
Concen: 11.682 ppbv m
RT: 3.619 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL038773.D
Acq: 28 Mar 2022 16:17

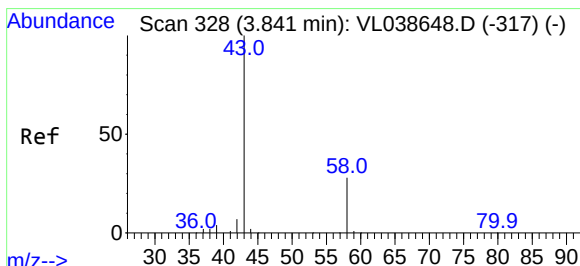
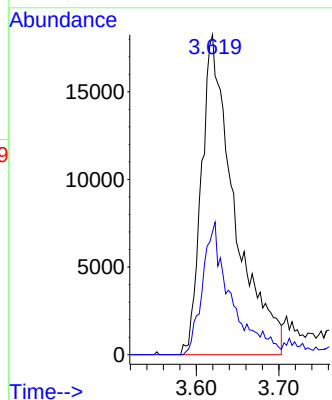
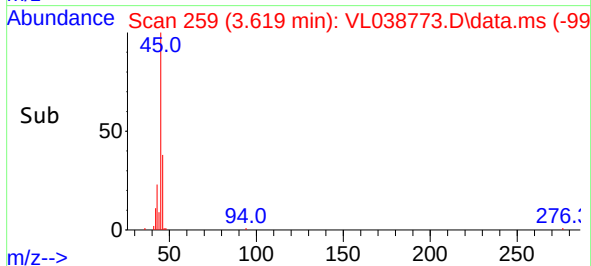
Instrument :
MSVOA_L
ClientSampleId :
V-3



Tgt Ion: 45 Resp: 50680
Ion Ratio Lower Upper
45 100
46 36.3 15.1 60.5

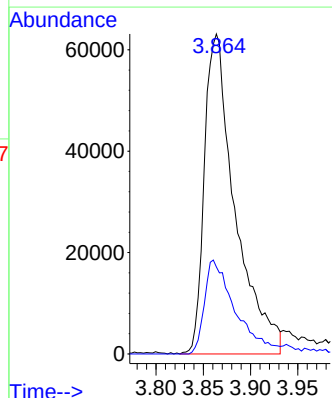
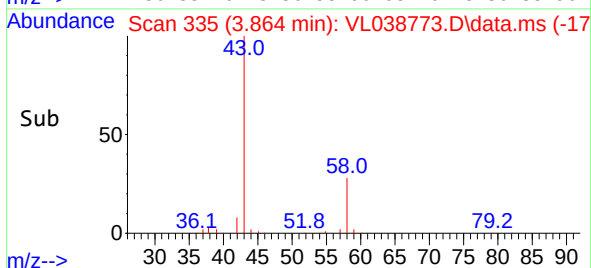
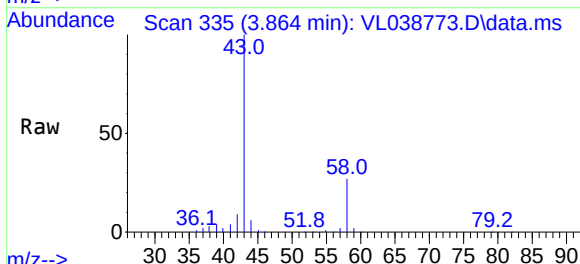
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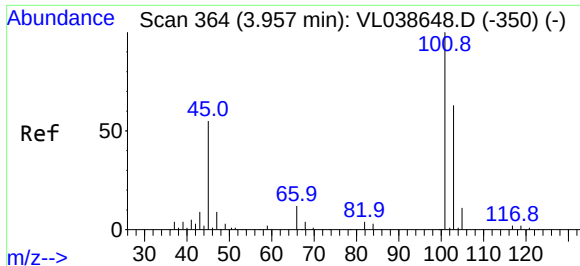
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Supervised By :Mahesh Dadoda 03/29/2022



#15
Acetone
Concen: 2.140 ppbv
RT: 3.864 min Scan# 335
Delta R.T. 0.022 min
Lab File: VL038773.D
Acq: 28 Mar 2022 16:17

Tgt Ion: 43 Resp: 142430
Ion Ratio Lower Upper
43 100
58 32.5 23.3 34.9





#19

Isopropyl Alcohol

Concen: 0.249 ppbv

RT: 3.992 min Scan# 31

Delta R.T. 0.035 min

Lab File: VL038773.D

Acq: 28 Mar 2022 16:17

Instrument :

MSVOA_L

ClientSampleId :

V-3

Tgt Ion: 45 Resp: 918

Ion Ratio Lower Upper

45 100

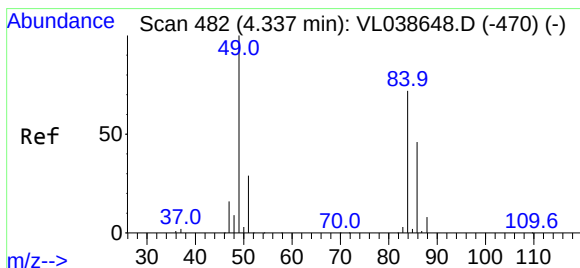
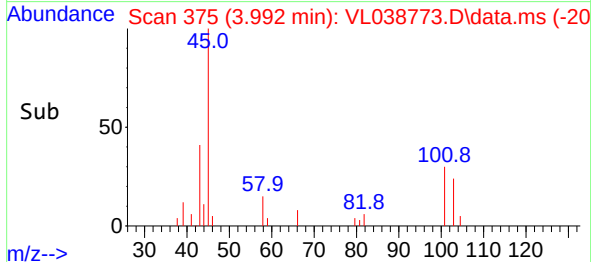
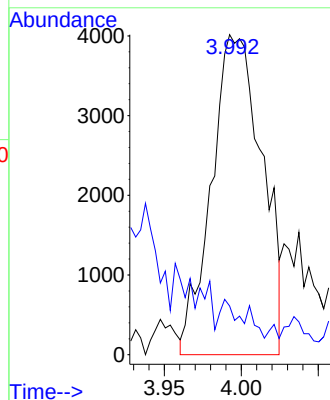
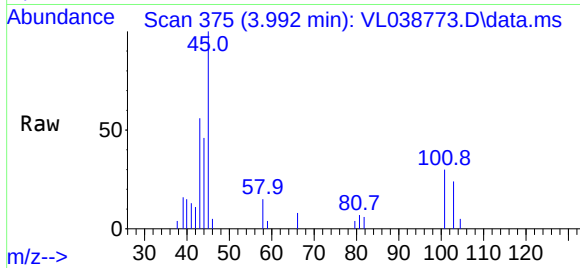
58 0.0 2.3 3.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#20

Methylene Chloride

Concen: 1.732 ppbv

RT: 4.353 min Scan# 487

Delta R.T. 0.016 min

Lab File: VL038773.D

Acq: 28 Mar 2022 16:17

Tgt Ion: 84 Resp: 48562

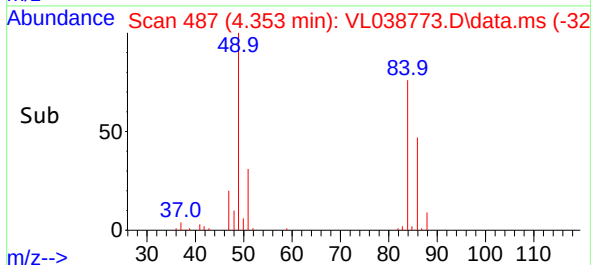
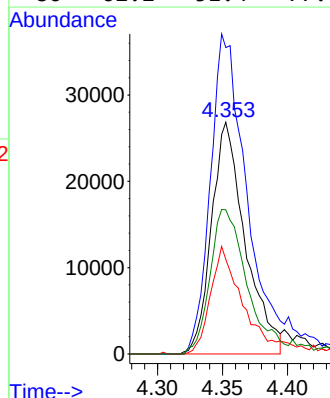
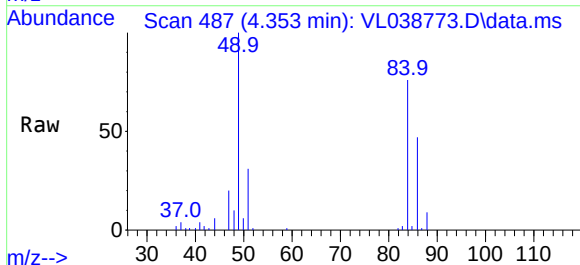
Ion Ratio Lower Upper

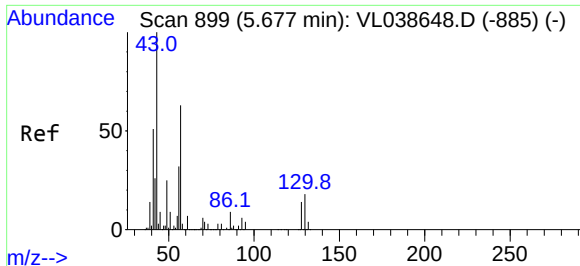
84 100

49 132.2 111.2 166.8

51 40.8 32.8 49.2

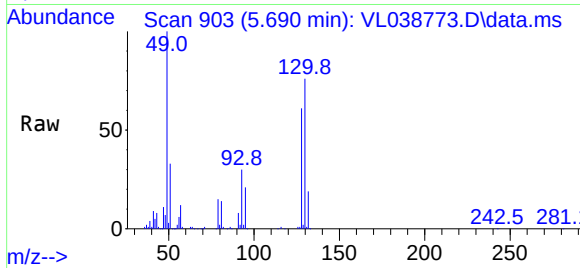
86 62.2 51.4 77.0





#26
Hexane
Concen: 0.497 ppbv m
RT: 5.690 min Scan# 903
Delta R.T. 0.013 min
Lab File: VL038773.D
Acq: 28 Mar 2022 16:17

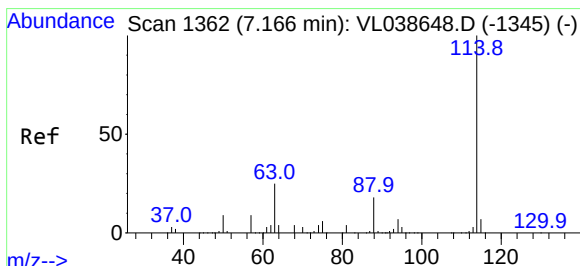
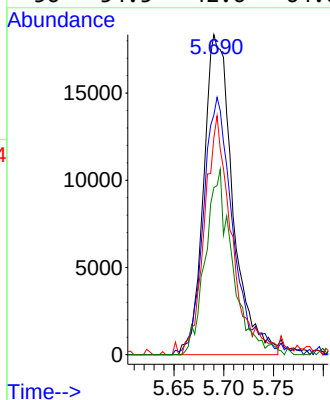
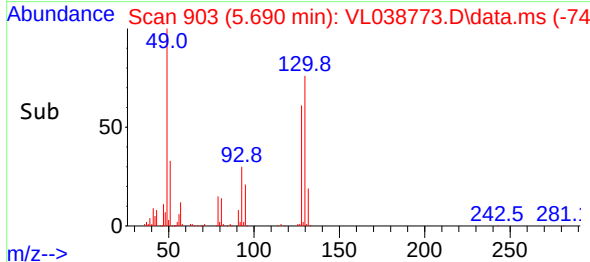
Instrument :
MSVOA_L
ClientSampleId :
V-3



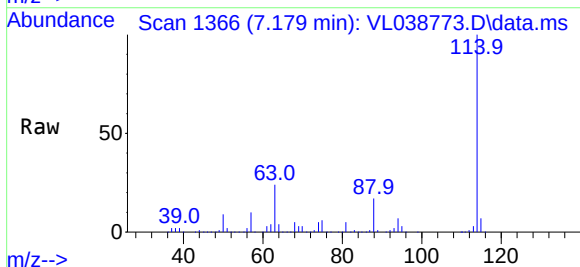
Tgt Ion: 57 Resp: 37309
Ion Ratio Lower Upper
57 100
41 83.0 67.0 100.4
43 73.3 184.2 276.2
56 54.5 42.6 64.0

Manual Integrations
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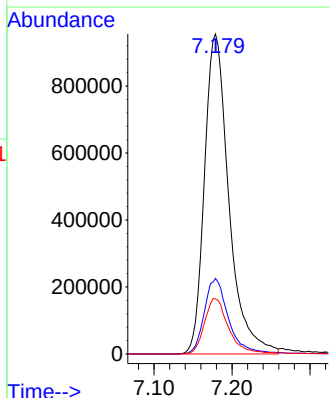
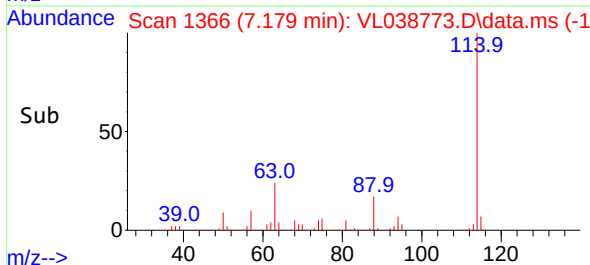
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

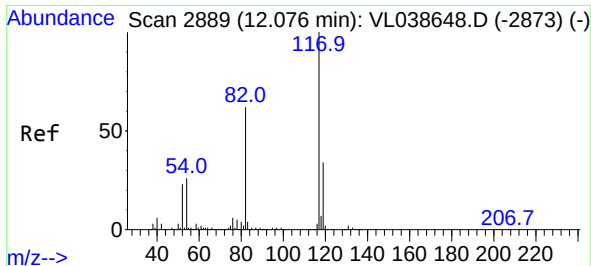


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. 0.013 min
Lab File: VL038773.D
Acq: 28 Mar 2022 16:17



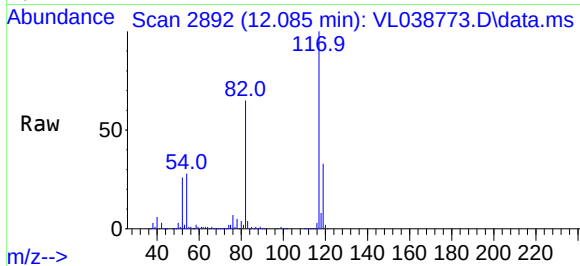
Tgt Ion:114 Resp: 2079004
Ion Ratio Lower Upper
114 100
63 23.9 19.4 29.0
88 17.5 13.9 20.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.085 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL038773.D
Acq: 28 Mar 2022 16:17

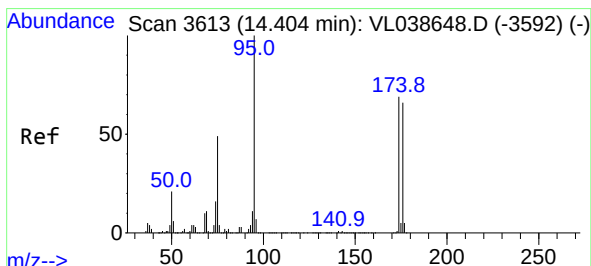
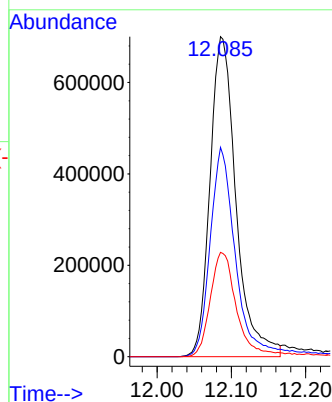
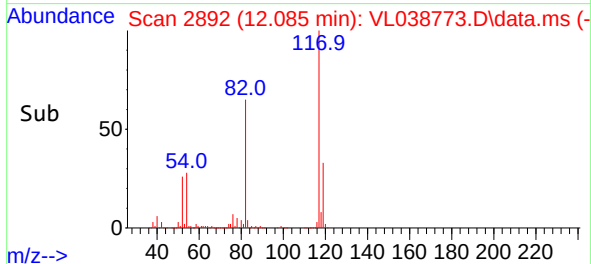
Instrument :
MSVOA_L
ClientSampleId :
V-3



Tgt Ion: 117 Resp: 1703302
Ion Ratio Lower Upper
117 100
82 66.6 51.6 77.4
119 34.9 26.9 40.3

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.586 ppbv
RT: 14.416 min Scan# 3617
Delta R.T. 0.013 min
Lab File: VL038773.D
Acq: 28 Mar 2022 16:17

Tgt Ion: 95 Resp: 1251818
Ion Ratio Lower Upper
95 100
174 75.2 56.1 84.1
175 4.9 4.2 6.2

