

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039103.D
 Acq On : 24 May 2022 3:43
 Operator : SY/AP
 Sample : N2957-02DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AP-1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/25/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Quant Time: May 24 06:06:16 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu May 26 13:05:13 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	5.648	49	1279795	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	3327430	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.060	117	2834484	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.388	95	2141307	9.539	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.041	85	21924m	0.109	ppbv	
4) Chloromethane	3.137	50	14983m	0.188	ppbv	
9) Propene	3.012	41	14521	0.209	ppbv	84
13) Ethanol	3.597	45	53620m	10.925	ppbv	
15) Acetone	3.841	43	136665	1.132	ppbv	94
19) Isopropyl Alcohol	3.964	45	30107m	0.525	ppbv	
20) Methylene Chloride	4.333	84	68035	1.495	ppbv	94
26) Hexane	5.668	57	58153m	0.453	ppbv	
34) 2-Butanone	5.240	43	21718m	0.128	ppbv	
53) Toluene	9.777	91	38354m	0.120	ppbv	

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

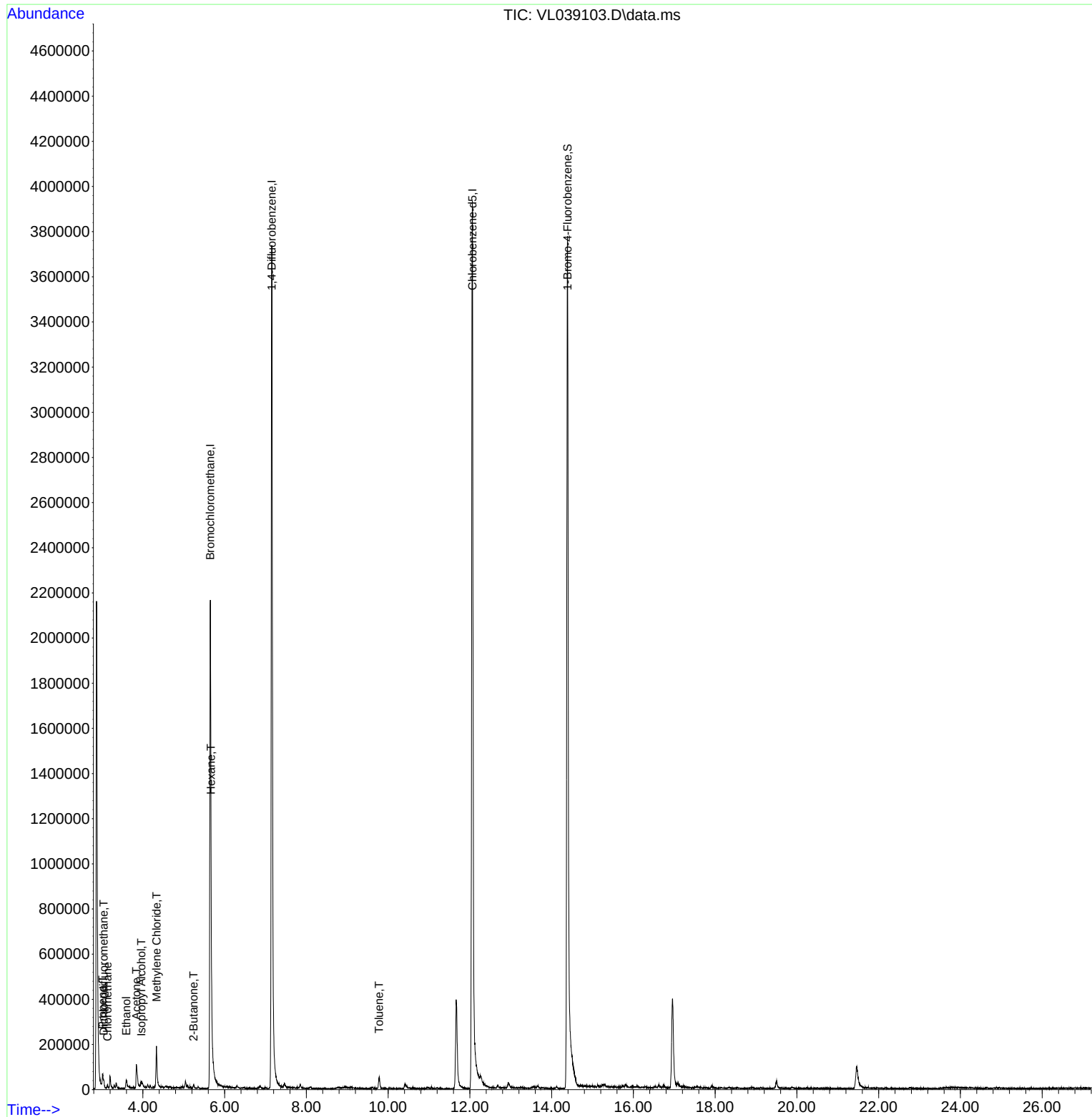
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
Data File : VL039103.D
Acq On : 24 May 2022 3:43
Operator : SY/AP
Sample : N2957-02DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

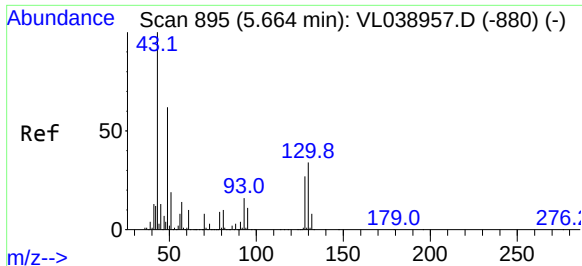
Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Quant Time: May 24 06:06:16 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

Manual Integrations
APPROVED

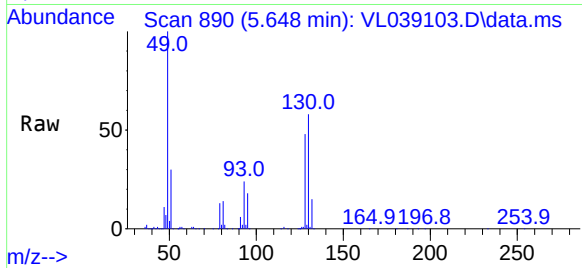
Reviewed By : Semsettin Yesilyurt 05/25/2022
Supervised By : Mahesh Dadoda 05/26/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 89
Delta R.T. -0.016 min
Lab File: VL039103.D
Acq: 24 May 2022 3:43

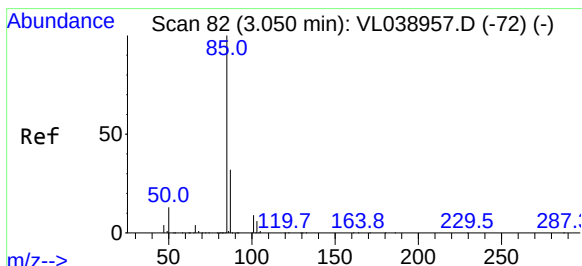
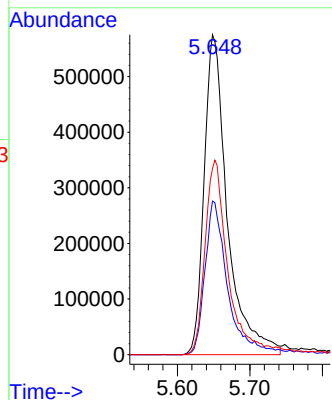
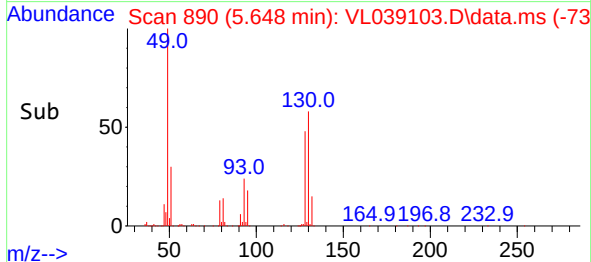
Instrument :
MSVOA_L
ClientSampleId :
AP-1DL



Tgt Ion: 49 Resp: 127979
Ion Ratio Lower Upper
49 100
128 48.3 23.3 69.8
130 61.6 29.8 89.3

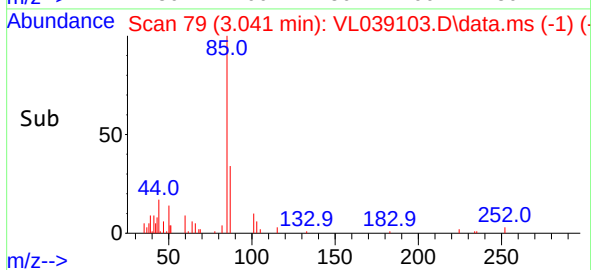
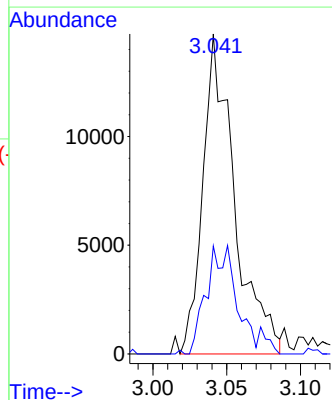
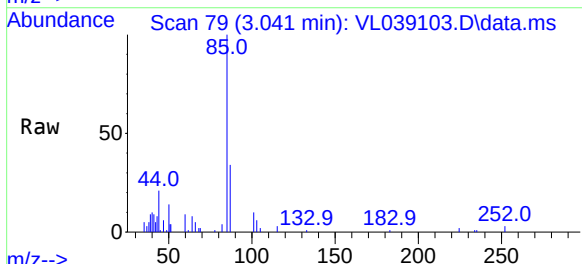
Manual Integrations
APPROVED

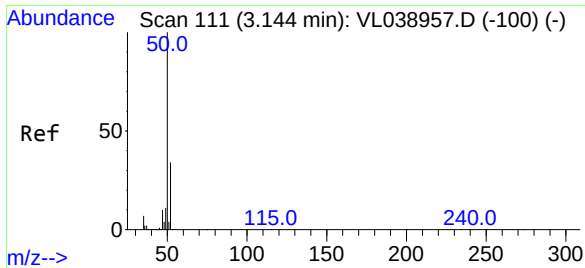
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#2
Dichlorodifluoromethane
Concen: 0.109 ppbv m
RT: 3.041 min Scan# 79
Delta R.T. -0.009 min
Lab File: VL039103.D
Acq: 24 May 2022 3:43

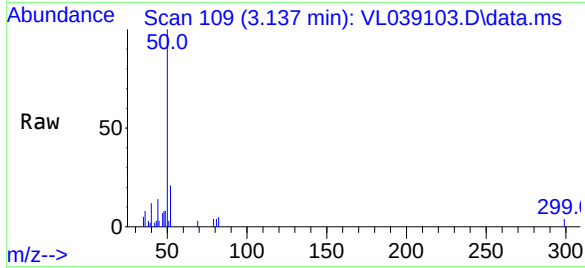
Tgt Ion: 85 Resp: 21924
Ion Ratio Lower Upper
85 100
87 33.7 25.7 38.5





#4
Chloromethane
Concen: 0.188 ppbv m
RT: 3.137 min Scan# 109
Delta R.T. -0.006 min
Lab File: VL039103.D
Acq: 24 May 2022 3:43

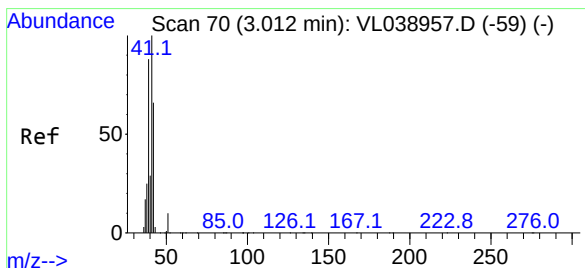
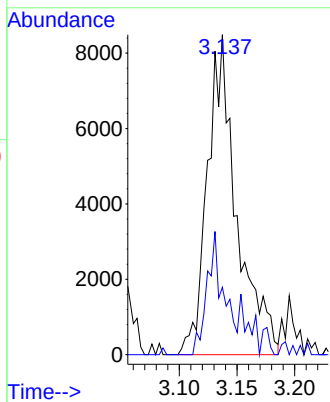
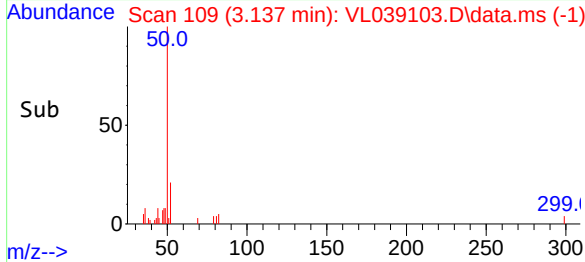
Instrument :
MSVOA_L
ClientSampleId :
AP-1DL



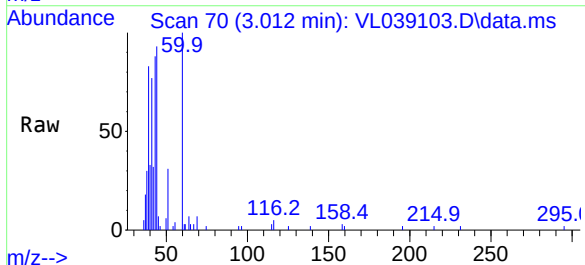
Tgt Ion: 50 Resp: 1498
Ion Ratio Lower Upper
50 100
52 21.1 27.3 40.9

Manual Integrations
APPROVED

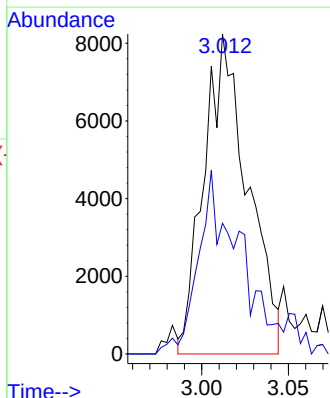
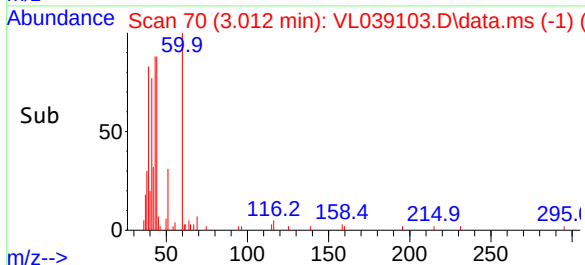
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

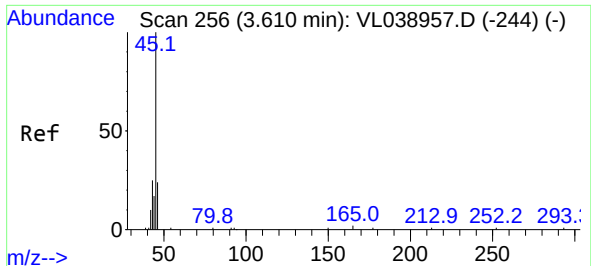


#9
Propene
Concen: 0.209 ppbv
RT: 3.012 min Scan# 70
Delta R.T. 0.000 min
Lab File: VL039103.D
Acq: 24 May 2022 3:43



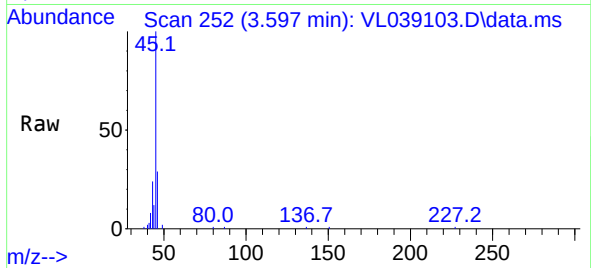
Tgt Ion: 41 Resp: 14521
Ion Ratio Lower Upper
41 100
42 59.3 58.3 87.5





#13
Ethanol
Concen: 10.925 ppbv m
RT: 3.597 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039103.D
Acq: 24 May 2022 3:43

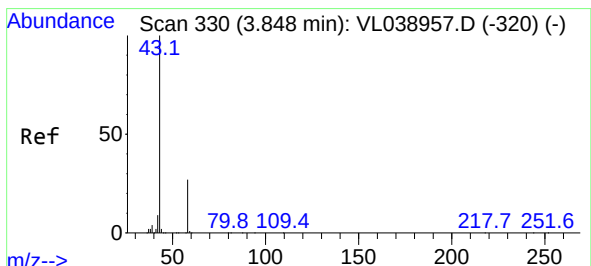
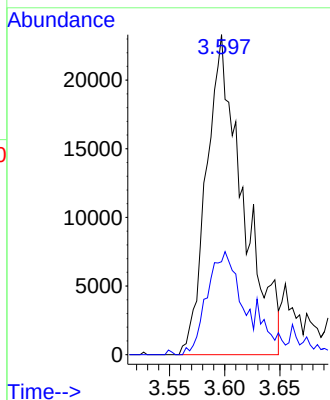
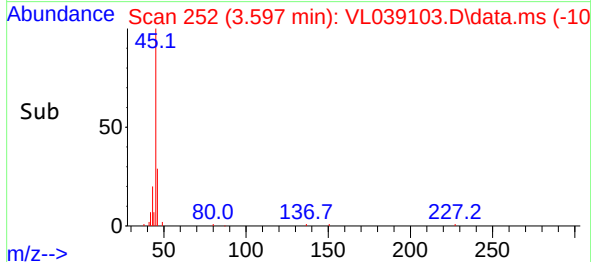
Instrument :
MSVOA_L
ClientSampleId :
AP-1DL



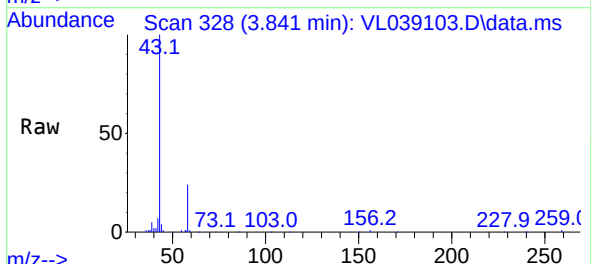
Tgt Ion: 45 Resp: 53620
Ion Ratio Lower Upper
45 100
46 34.9 18.0 72.2

Manual Integrations
APPROVED

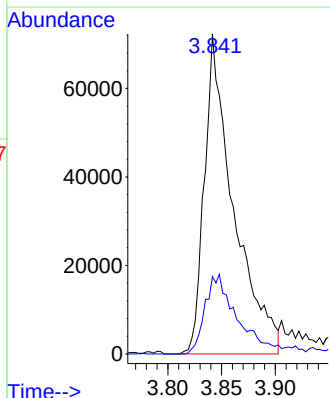
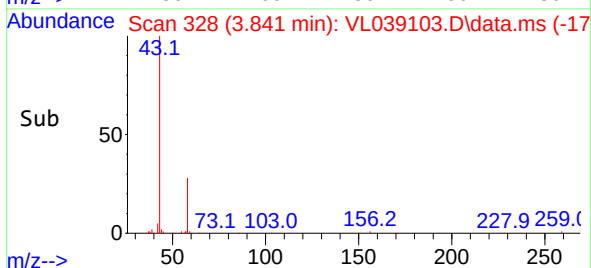
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

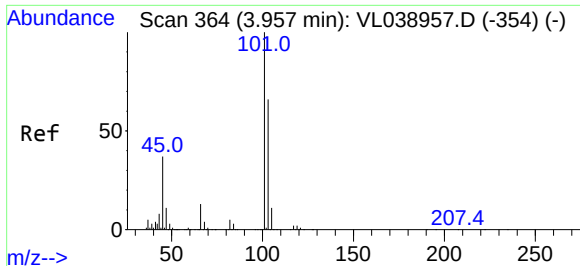


#15
Acetone
Concen: 1.132 ppbv
RT: 3.841 min Scan# 328
Delta R.T. -0.006 min
Lab File: VL039103.D
Acq: 24 May 2022 3:43



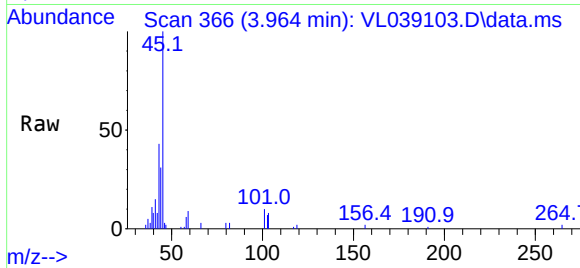
Tgt Ion: 43 Resp: 136665
Ion Ratio Lower Upper
43 100
58 29.8 21.3 31.9





#19
Isopropyl Alcohol
Concen: 0.525 ppbv m
RT: 3.964 min Scan# 301
Delta R.T. 0.007 min
Lab File: VL039103.D
Acq: 24 May 2022 3:43

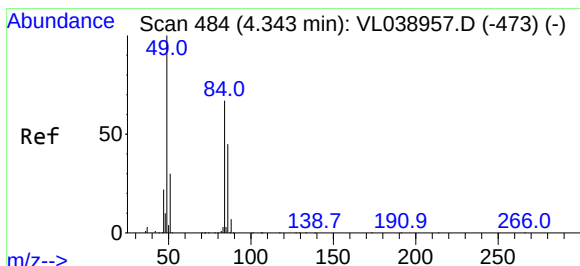
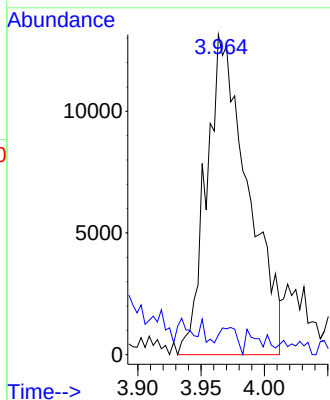
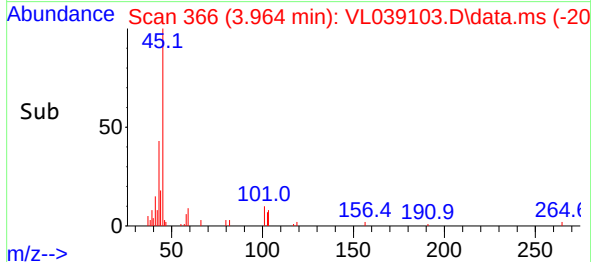
Instrument :
MSVOA_L
ClientSampleId :
AP-1DL



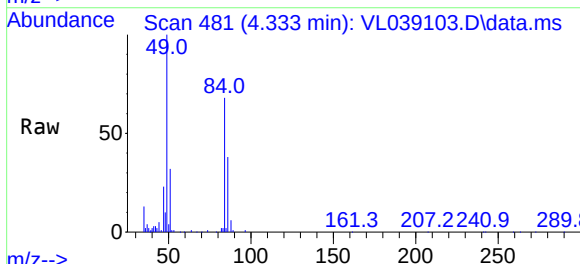
Tgt Ion: 45 Resp: 3010
Ion Ratio Lower Upper
45 100
58 10.2 1.4 2.2

Manual Integrations
APPROVED

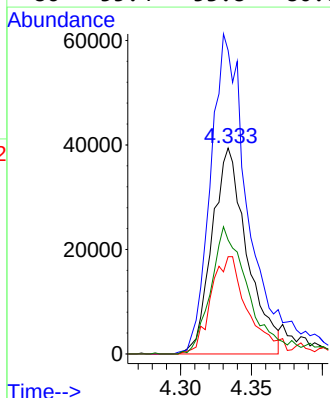
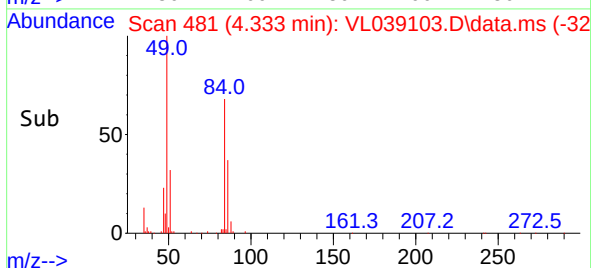
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

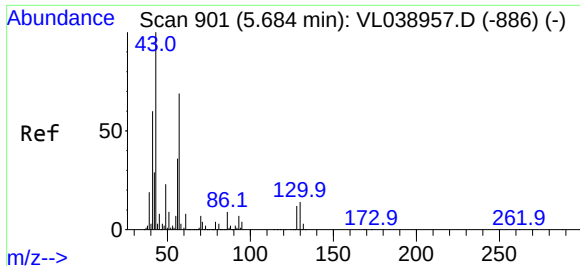


#20
Methylene Chloride
Concen: 1.495 ppbv
RT: 4.333 min Scan# 481
Delta R.T. -0.010 min
Lab File: VL039103.D
Acq: 24 May 2022 3:43



Tgt Ion: 84 Resp: 68035
Ion Ratio Lower Upper
84 100
49 146.6 119.9 179.9
51 47.3 35.7 53.5
86 55.4 53.8 80.6





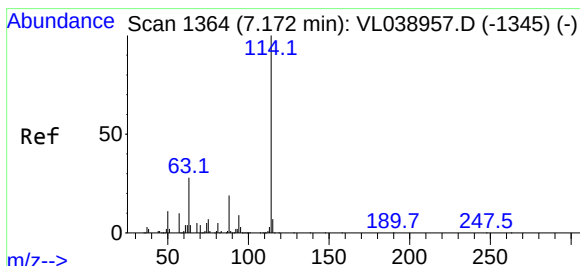
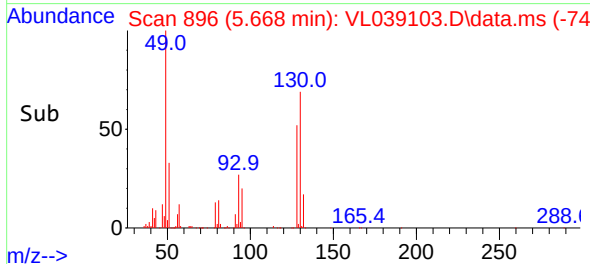
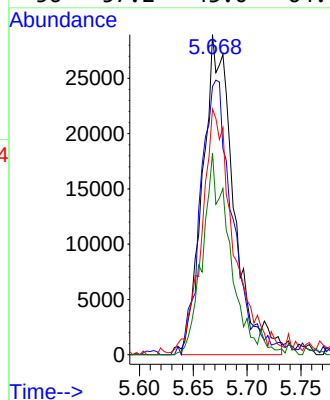
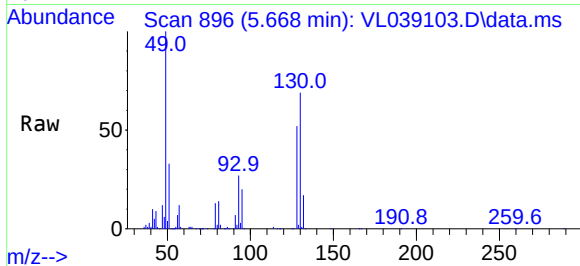
#26
Hexane
Concen: 0.453 ppbv m
RT: 5.668 min Scan# 896
Delta R.T. -0.016 min
Lab File: VL039103.D
Acq: 24 May 2022 3:43

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion:	57	Resp:	5815
Ion	Ratio	Lower	Upper
57	100		
41	91.6	75.2	112.8
43	79.9	190.8	286.2
56	57.2	43.0	64.6

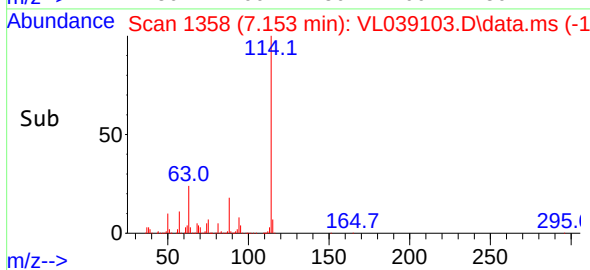
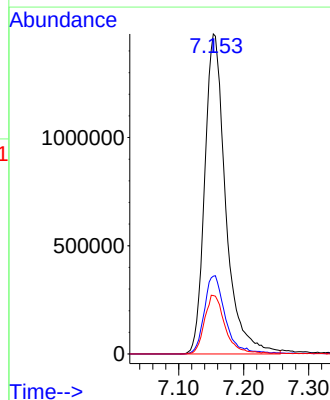
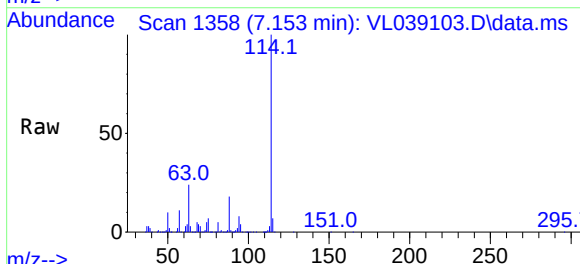
Manual Integrations
APPROVED

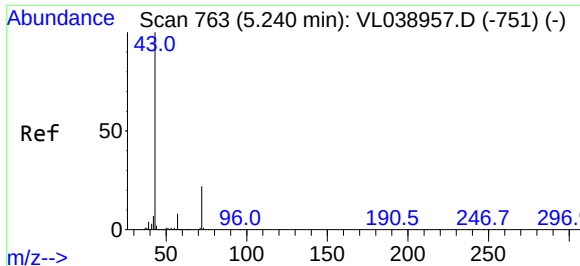
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 1358
Delta R.T. -0.019 min
Lab File: VL039103.D
Acq: 24 May 2022 3:43

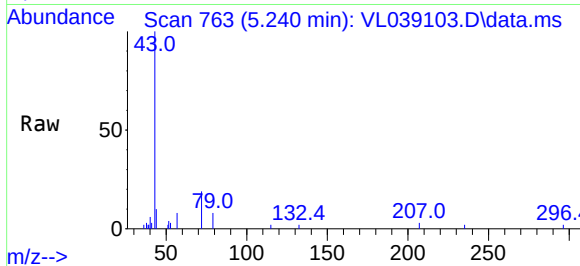
Tgt Ion:	114	Resp:	3327430
Ion	Ratio	Lower	Upper
114	100		
63	25.0	22.6	33.8
88	18.3	15.4	23.0





#34
2-Butanone
Concen: 0.128 ppbv m
RT: 5.240 min Scan# 763
Delta R.T. 0.000 min
Lab File: VL039103.D
Acq: 24 May 2022 3:43

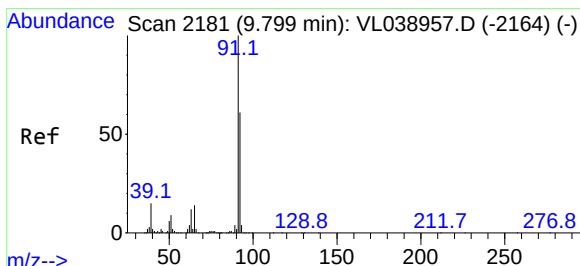
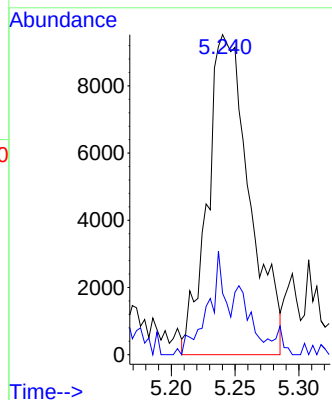
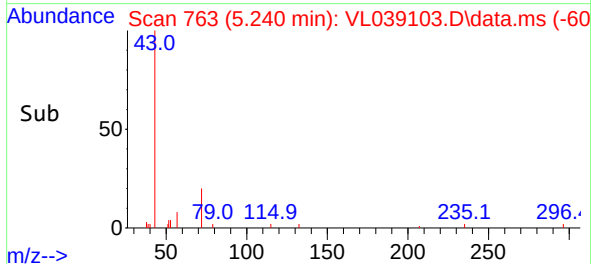
Instrument :
MSVOA_L
ClientSampleId :
AP-1DL



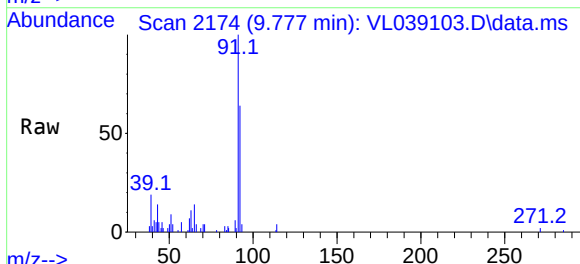
Tgt Ion: 43 Resp: 21718
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.6

Manual Integrations
APPROVED

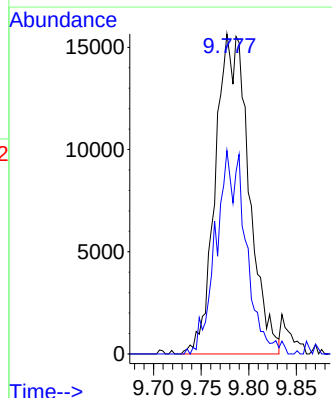
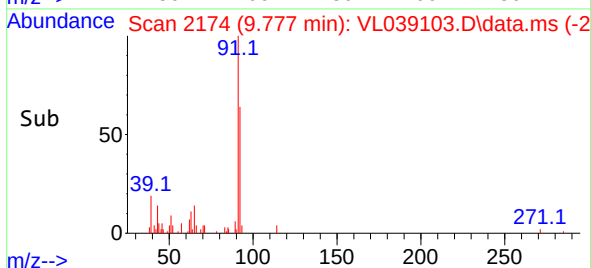
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

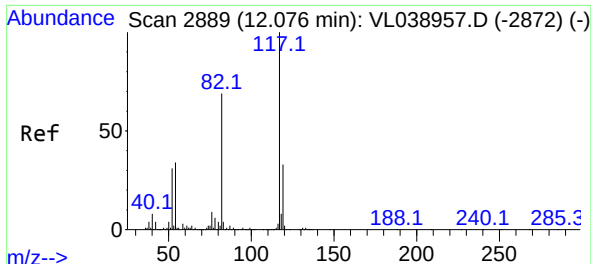


#53
Toluene
Concen: 0.120 ppbv m
RT: 9.777 min Scan# 2174
Delta R.T. -0.022 min
Lab File: VL039103.D
Acq: 24 May 2022 3:43



Tgt Ion: 91 Resp: 38354
Ion Ratio Lower Upper
91 100
92 57.0 48.2 72.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.060 min Scan# 21

Delta R.T. -0.016 min

Lab File: VL039103.D

Acq: 24 May 2022 3:43

Instrument :

MSVOA_L

ClientSampleId :

AP-1DL

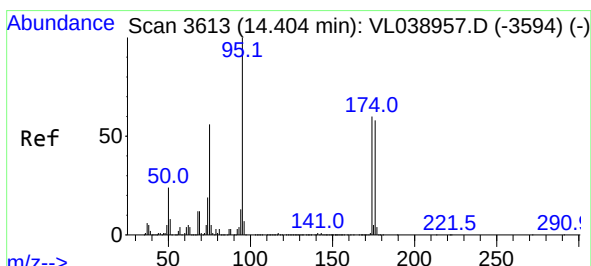
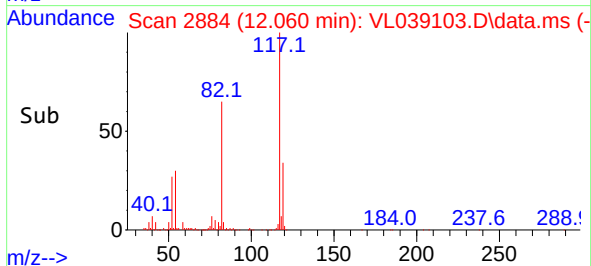
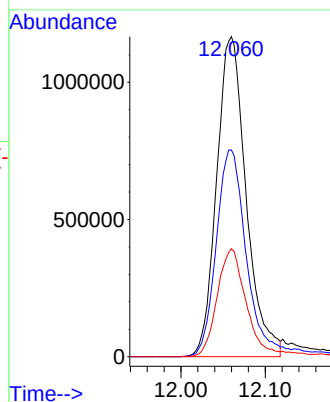
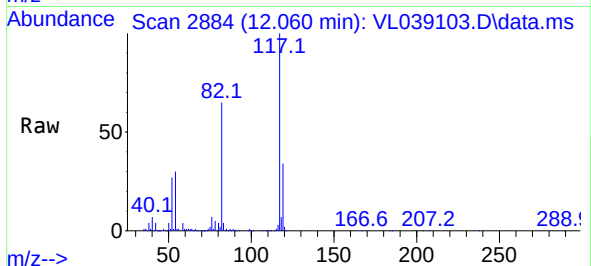
Tgt Ion: 117 Resp: 283448

Ion	Ratio	Lower	Upper
117	100		
82	69.6	57.0	85.6
119	35.1	27.2	40.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.539 ppbv

RT: 14.388 min Scan# 3608

Delta R.T. -0.016 min

Lab File: VL039103.D

Acq: 24 May 2022 3:43

Tgt Ion: 95 Resp: 2141307

Ion	Ratio	Lower	Upper
95	100		
174	68.8	50.8	76.2
175	4.7	3.8	5.6

