

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039385.D
 Acq On : 28 Jun 2022 9:13
 Operator : SY/AP
 Sample : N3508-03DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-9-20220624DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 29 06:05:01 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 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	5.652	49	1042561	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.160	114	2886792	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.066	117	2529987	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	1833573	8.766	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	87.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.044	85	93251	0.509	ppbv	94
3) Chlorodifluoromethane	2.983	51	15731	0.119	ppbv	94
9) Propene	3.005	41	57813	0.999	ppbv	97
11) Trichlorofluoromethane	3.941	101	36350	0.219	ppbv #	75
13) Ethanol	3.597	45	25885m	8.206	ppbv	
15) Acetone	3.835	43	2714011	24.990	ppbv	99
17) tert-Butyl alcohol	4.288	59	18155m	0.216	ppbv	
19) Isopropyl Alcohol	3.963	45	157208	3.086	ppbv #	93
20) Methylene Chloride	4.333	84	49467m	1.081	ppbv	
26) Hexane	5.674	57	31223m	0.290	ppbv	
34) 2-Butanone	5.237	43	133719m	0.853	ppbv	

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

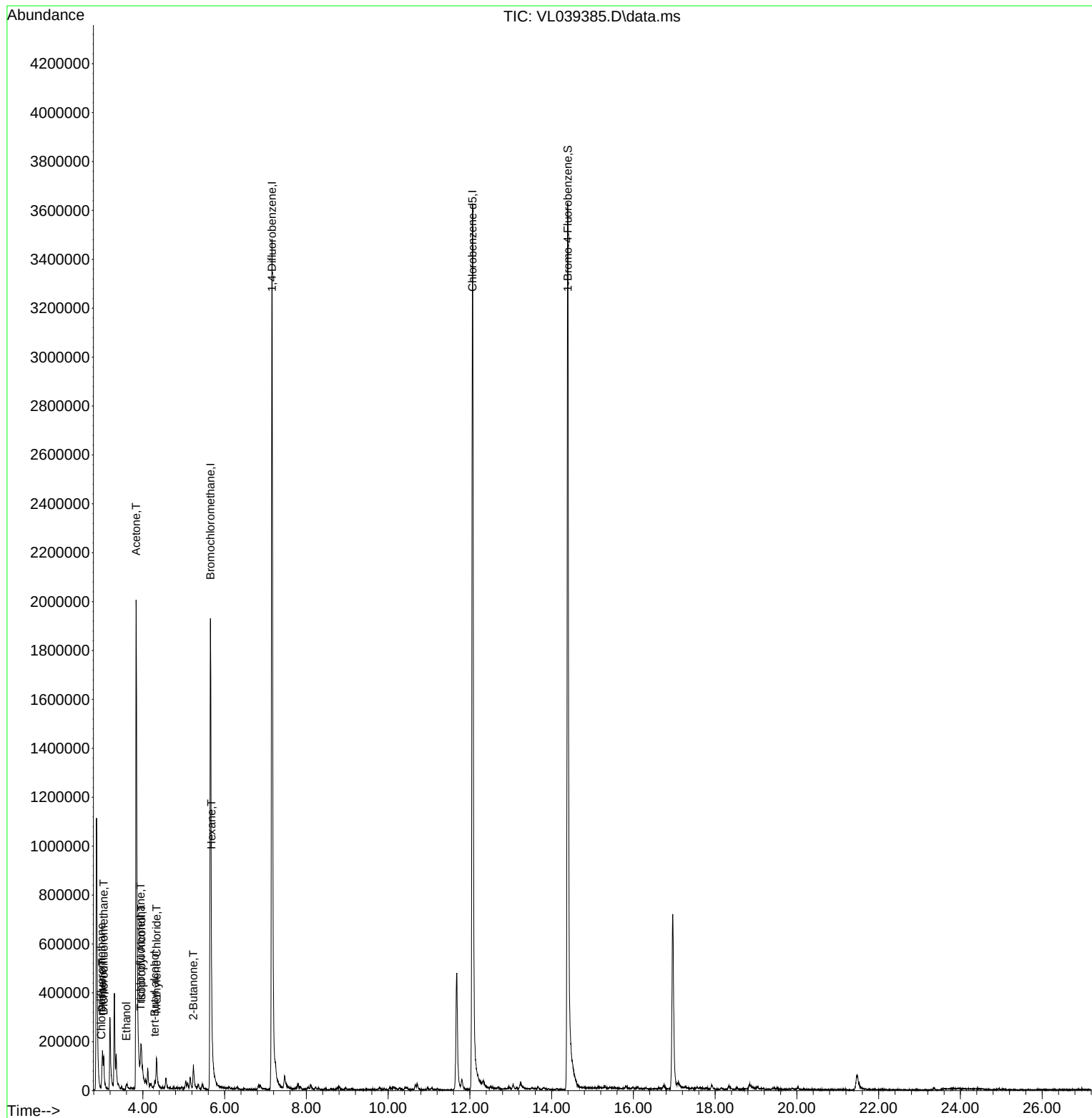
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
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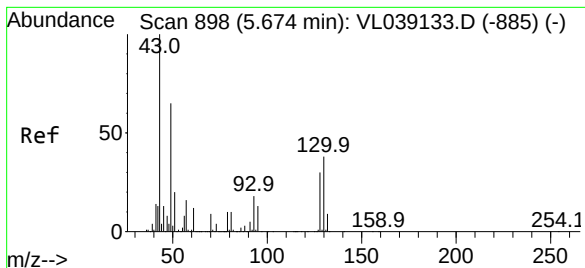
Instrument :
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SV-9-20220624DL

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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
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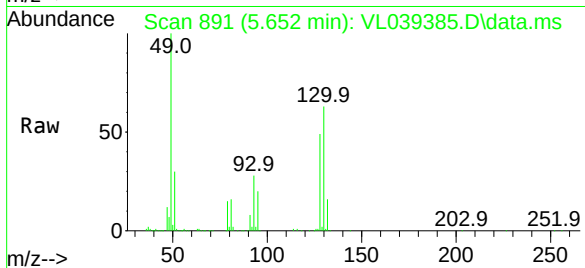
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 80
Delta R.T. -0.023 min
Lab File: VL039385.D
Acq: 28 Jun 2022 9:13

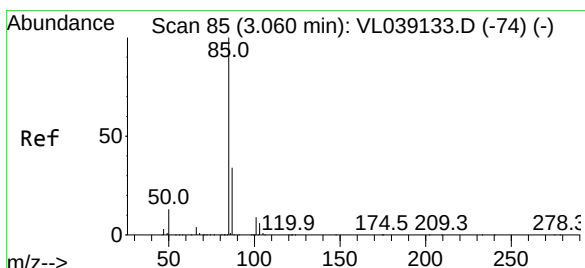
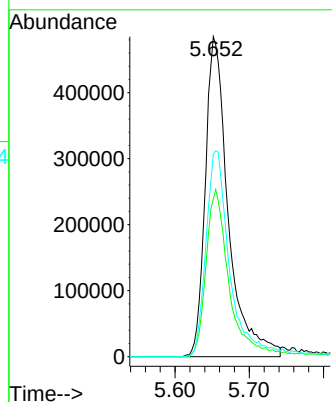
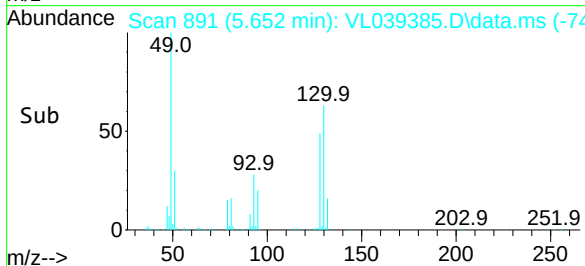
Instrument :
MSVOA_L
ClientSampleId :
SV-9-20220624DL



Tgt Ion: 49 Resp: 104256
Ion Ratio Lower Upper
49 100
128 53.3 24.7 74.1
130 68.6 31.4 94.0

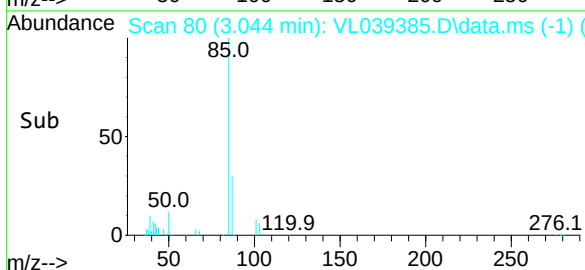
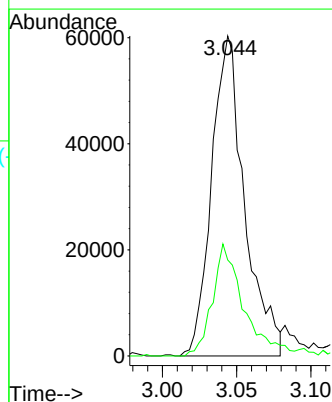
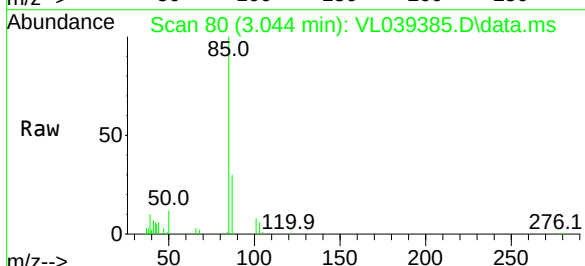
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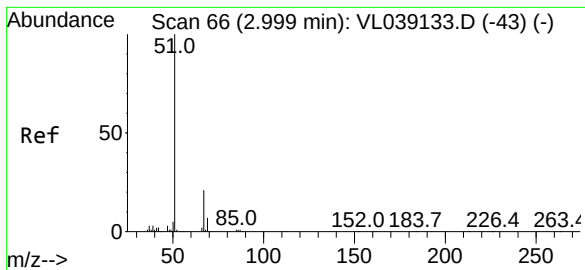
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#2
Dichlorodifluoromethane
Concen: 0.509 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL039385.D
Acq: 28 Jun 2022 9:13

Tgt Ion: 85 Resp: 93251
Ion Ratio Lower Upper
85 100
87 30.0 26.9 40.3





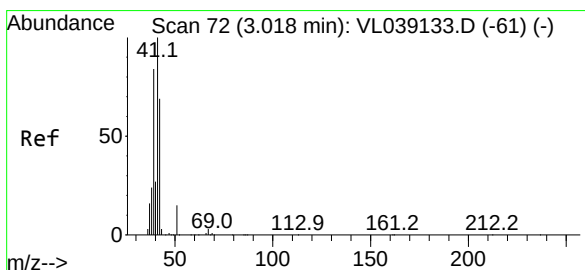
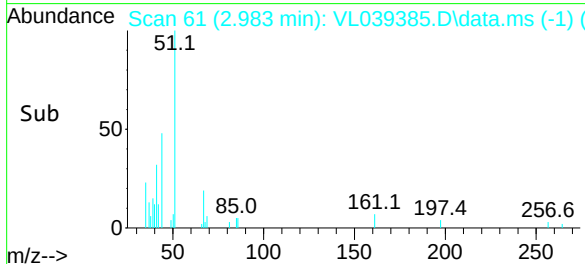
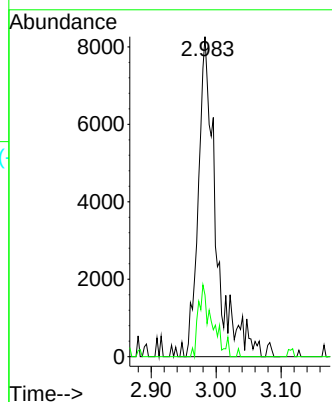
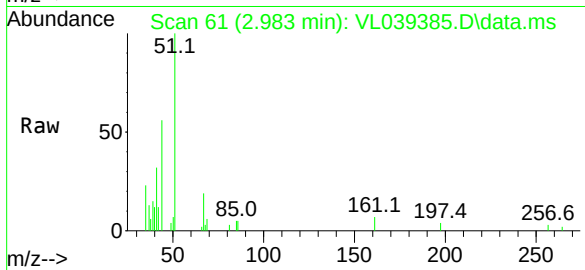
#3
Chlorodifluoromethane
Concen: 0.119 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL039385.D
Acq: 28 Jun 2022 9:13

Instrument :
MSVOA_L
ClientSampleId :
SV-9-20220624DL

Tgt Ion: 51 Resp: 1573
Ion Ratio Lower Upper
51 100
67 17.3 16.2 24.4

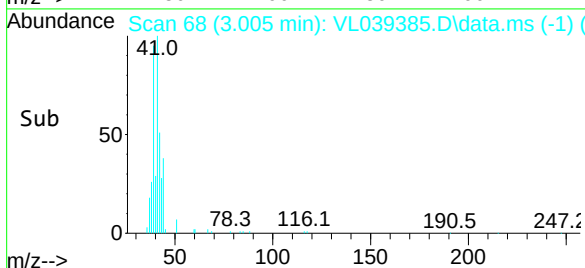
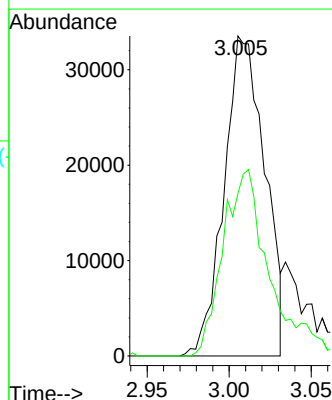
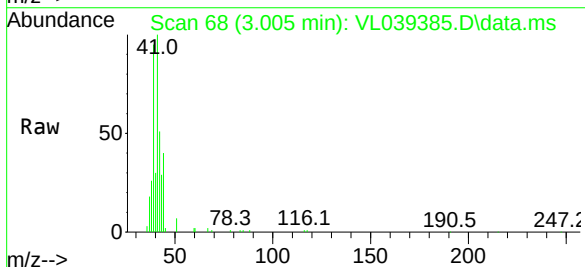
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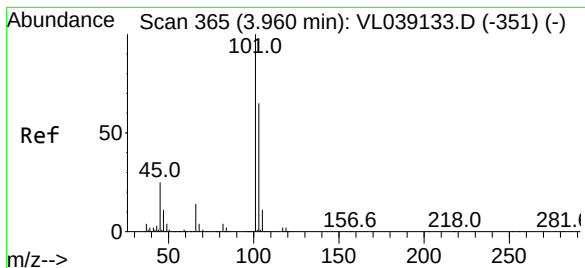
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#9
Propene
Concen: 0.999 ppbv
RT: 3.005 min Scan# 68
Delta R.T. -0.013 min
Lab File: VL039385.D
Acq: 28 Jun 2022 9:13

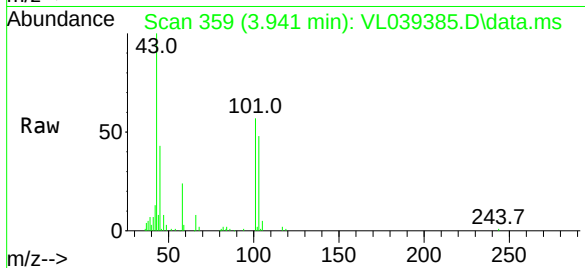
Tgt Ion: 41 Resp: 57813
Ion Ratio Lower Upper
41 100
42 67.1 55.4 83.2





#11
Trichlorofluoromethane
Concen: 0.219 ppbv
RT: 3.941 min Scan# 30
Delta R.T. -0.019 min
Lab File: VL039385.D
Acq: 28 Jun 2022 9:13

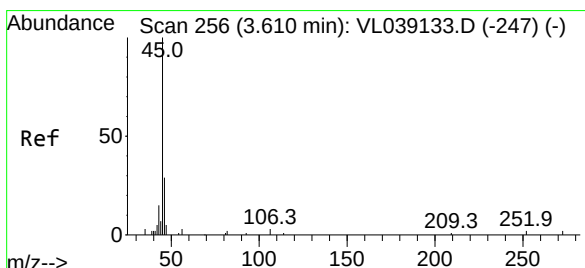
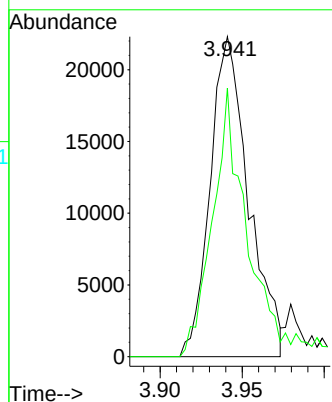
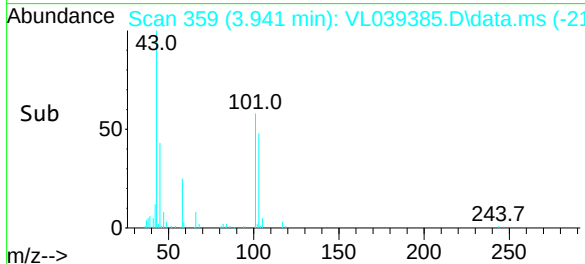
Instrument :
MSVOA_L
ClientSampleId :
SV-9-20220624DL



Tgt Ion:101 Resp: 36350
Ion Ratio Lower Upper
101 100
103 84.0 51.7 77.5

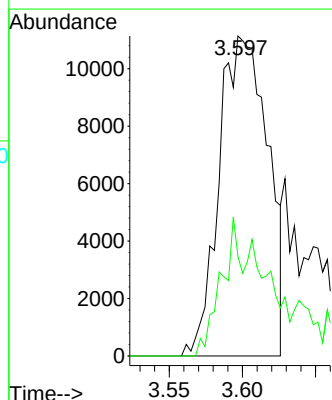
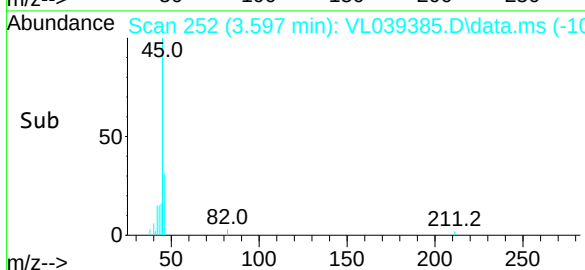
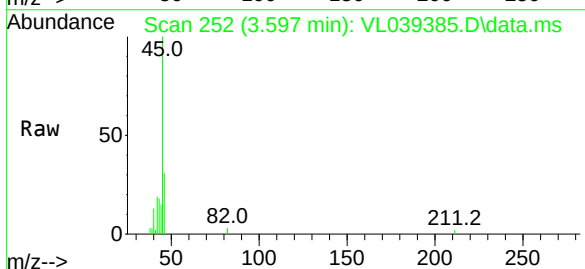
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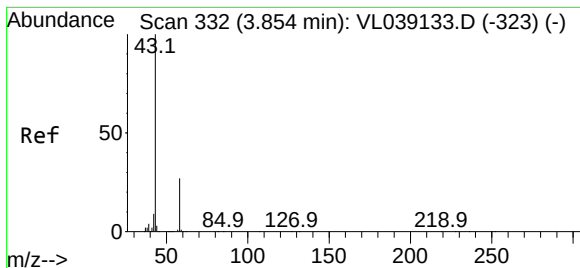
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#13
Ethanol
Concen: 8.206 ppbv m
RT: 3.597 min Scan# 252
Delta R.T. -0.013 min
Lab File: VL039385.D
Acq: 28 Jun 2022 9:13

Tgt Ion: 45 Resp: 25885
Ion Ratio Lower Upper
45 100
46 50.8 0.0 0.0#





#15

Acetone

Concen: 24.990 ppbv

RT: 3.835 min Scan# 31

Delta R.T. -0.019 min

Lab File: VL039385.D

Acq: 28 Jun 2022 9:13

Instrument :

MSVOA_L

ClientSampleId :

SV-9-20220624DL

Tgt Ion: 43 Resp: 271401

Ion Ratio Lower Upper

43 100

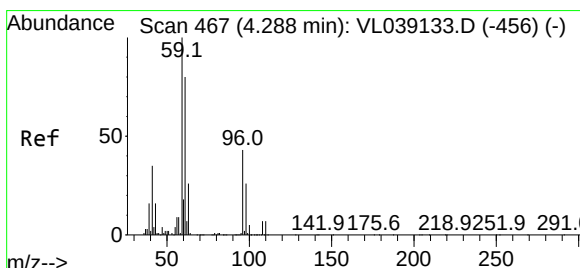
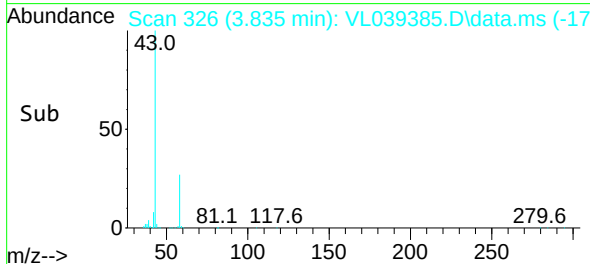
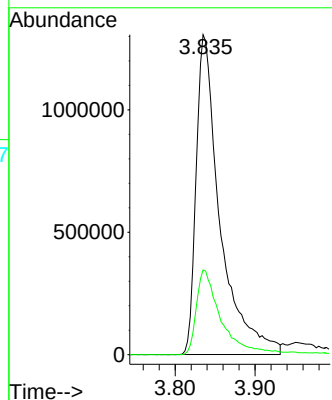
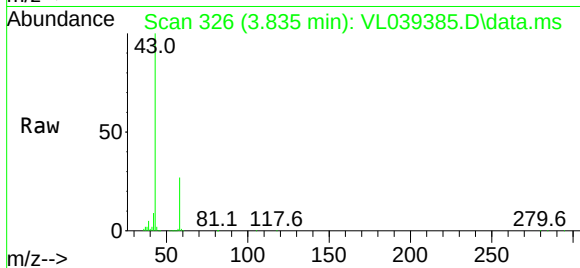
58 28.8 22.5 33.7

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#17

tert-Butyl alcohol

Concen: 0.216 ppbv m

RT: 4.288 min Scan# 467

Delta R.T. -0.000 min

Lab File: VL039385.D

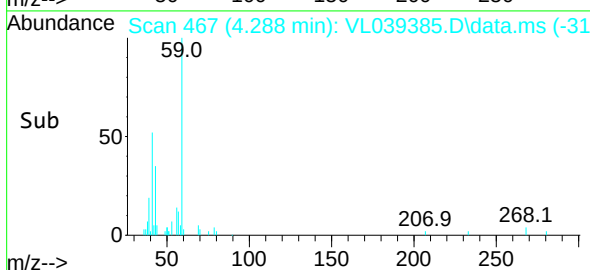
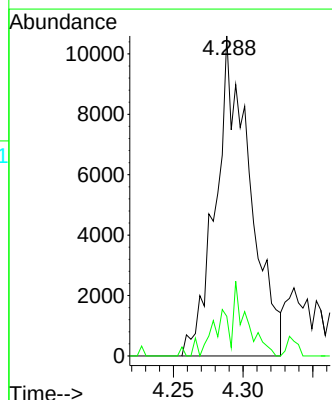
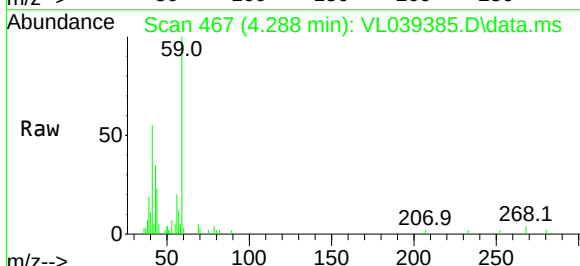
Acq: 28 Jun 2022 9:13

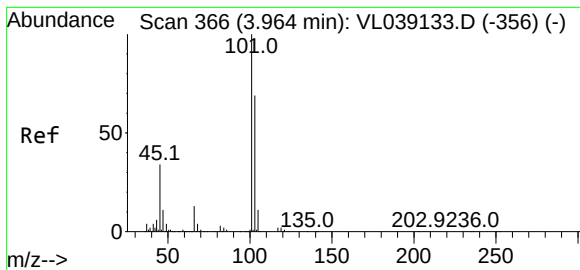
Tgt Ion: 59 Resp: 18155

Ion Ratio Lower Upper

59 100

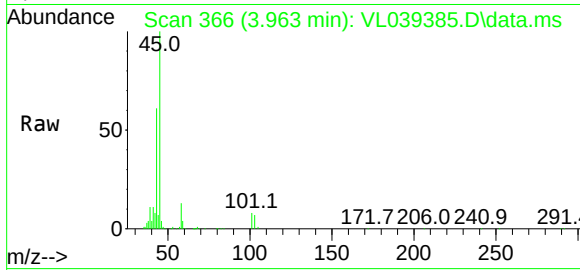
57 0.0 9.1 13.7#





#19
Isopropyl Alcohol
Concen: 3.086 ppbv
RT: 3.963 min Scan# 301
Delta R.T. -0.000 min
Lab File: VL039385.D
Acq: 28 Jun 2022 9:13

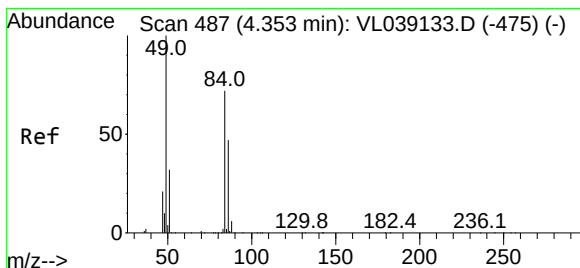
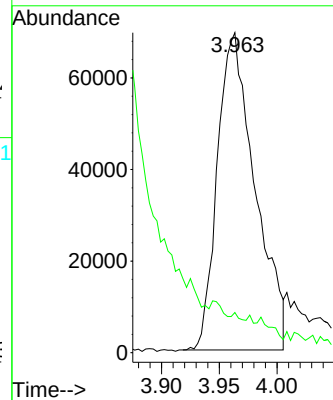
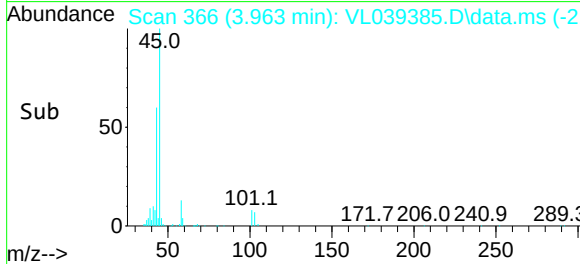
Instrument :
MSVOA_L
ClientSampleId :
SV-9-20220624DL



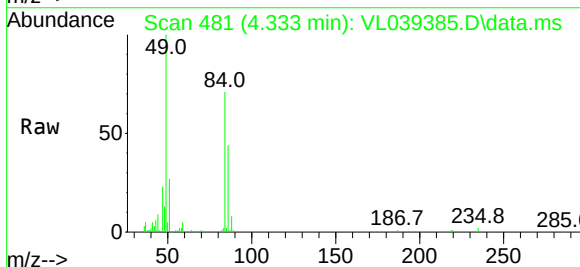
Tgt Ion: 45 Resp: 157208
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

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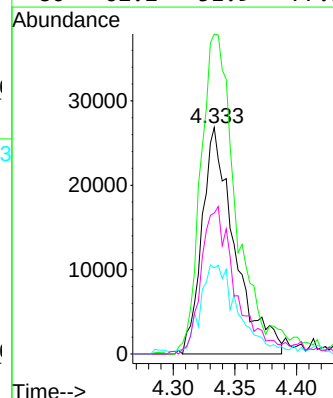
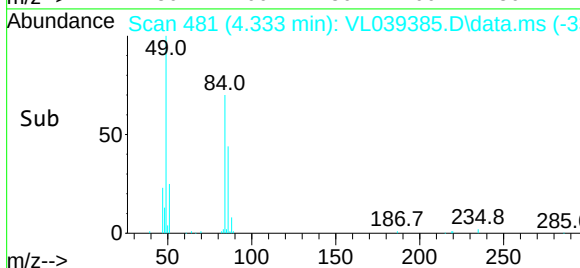
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

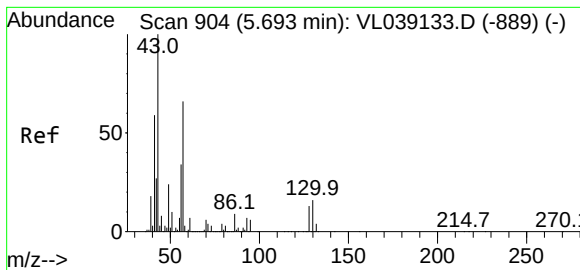


#20
Methylene Chloride
Concen: 1.081 ppbv m
RT: 4.333 min Scan# 481
Delta R.T. -0.019 min
Lab File: VL039385.D
Acq: 28 Jun 2022 9:13



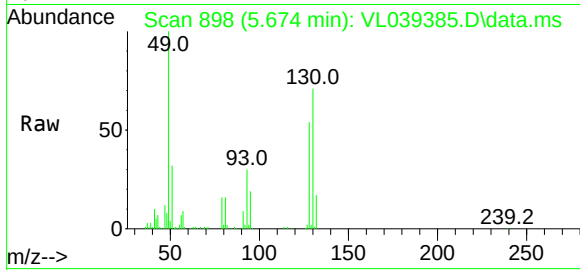
Tgt Ion: 84 Resp: 49467
Ion Ratio Lower Upper
84 100
49 141.3 111.1 166.7
51 38.0 35.3 52.9
86 62.2 51.9 77.9





#26
Hexane
Concen: 0.290 ppbv m
RT: 5.674 min Scan# 898
Delta R.T. -0.019 min
Lab File: VL039385.D
Acq: 28 Jun 2022 9:13

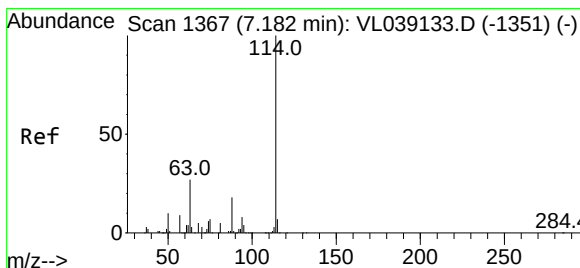
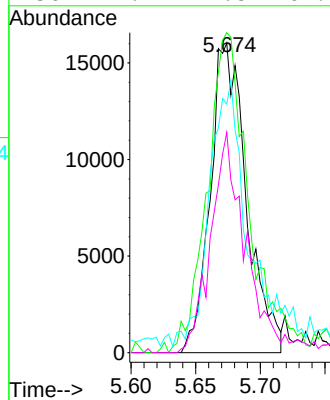
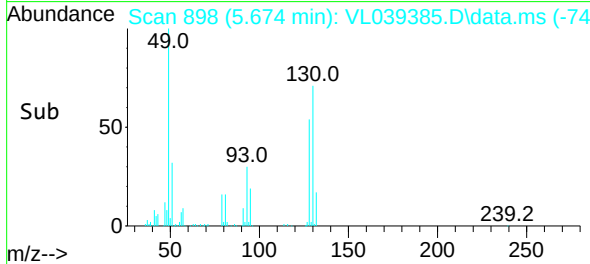
Instrument :
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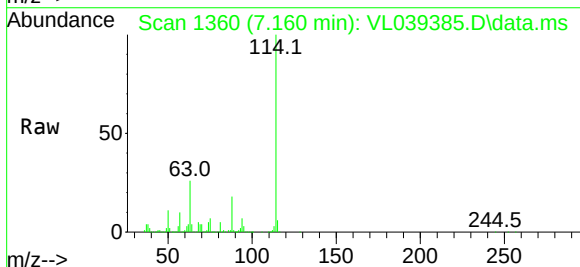
Tgt Ion: 57 Resp: 3122
Ion Ratio Lower Upper
57 100
41 127.8 72.4 108.6
43 0.0 187.0 280.6
56 71.1 41.8 62.6

Manual Integrations
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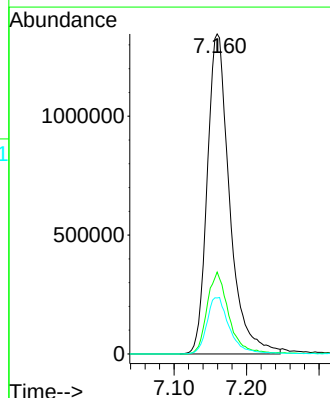
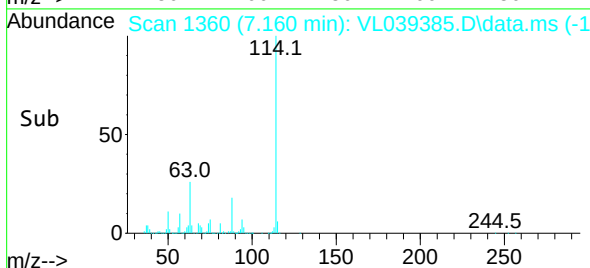
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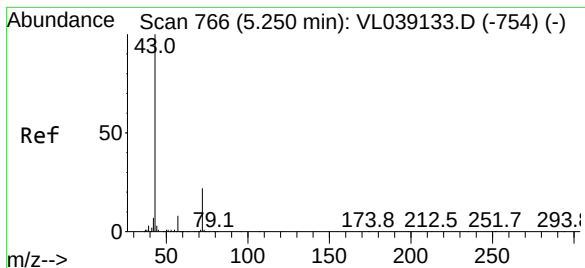


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1360
Delta R.T. -0.023 min
Lab File: VL039385.D
Acq: 28 Jun 2022 9:13



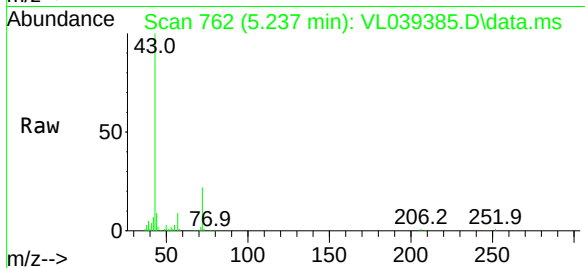
Tgt Ion:114 Resp: 2886792
Ion Ratio Lower Upper
114 100
63 25.1 21.7 32.5
88 18.1 14.8 22.2





#34
2-Butanone
Concen: 0.853 ppbv m
RT: 5.237 min Scan# 762
Delta R.T. -0.013 min
Lab File: VL039385.D
Acq: 28 Jun 2022 9:13

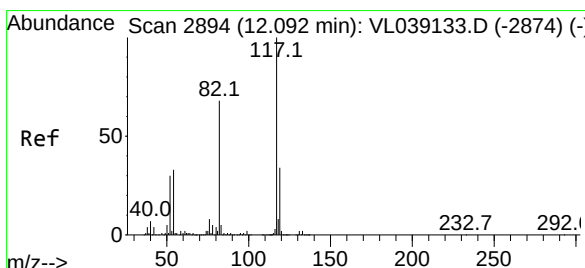
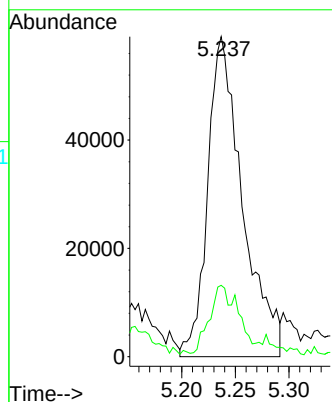
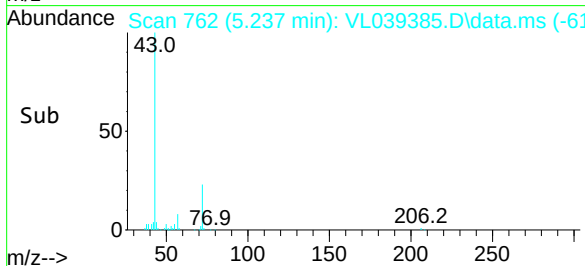
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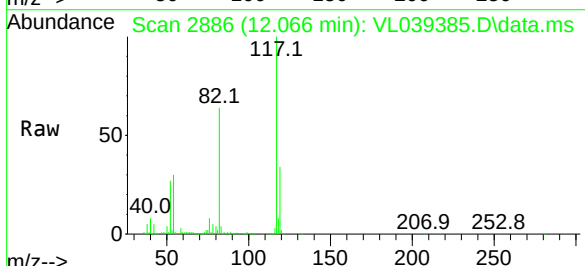
Tgt Ion: 43 Resp: 133719
Ion Ratio Lower Upper
43 100
72 23.1 18.2 27.2

Manual Integrations
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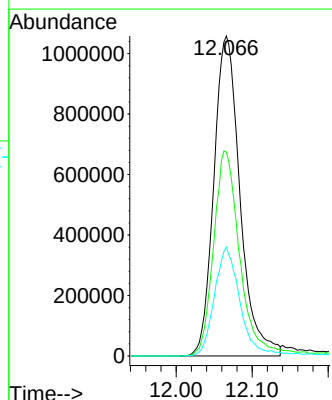
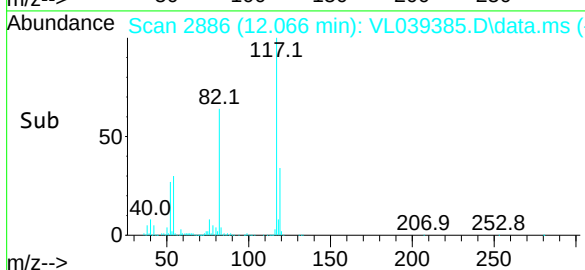
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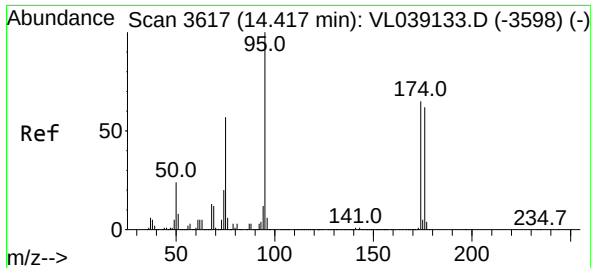


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.026 min
Lab File: VL039385.D
Acq: 28 Jun 2022 9:13



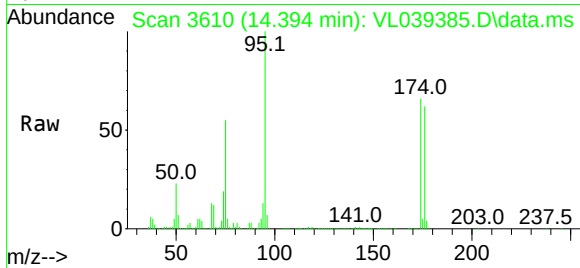
Tgt Ion:117 Resp: 2529987
Ion Ratio Lower Upper
117 100
82 65.8 55.1 82.7
119 34.0 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.766 ppbv
 RT: 14.394 min Scan# 30
 Delta R.T. -0.023 min
 Lab File: VL039385.D
 Acq: 28 Jun 2022 9:13

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-9-20220624DL



Tgt Ion: 95 Resp: 183357
 Ion Ratio Lower Upper
 95 100
 174 72.1 53.8 80.8
 175 5.2 4.1 6.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
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