

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039384.D
 Acq On : 28 Jun 2022 8:35
 Operator : SY/AP
 Sample : N3508-03DL 20X
 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 28 09:24:01 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	5.655	49	1031648	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.160	114	2915998	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.063	117	2590580	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	1866377	8.714	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	87.100%
Target Compounds						
2) Dichlorodifluoromethane	3.041	85	134930	0.745	ppbv	92
3) Chlorodifluoromethane	2.986	51	28512	0.217	ppbv	96
9) Propene	3.012	41	134088	2.343	ppbv	89
10) Heptane	8.111	43	15614m	0.117	ppbv	
11) Trichlorofluoromethane	3.938	101	81948	0.500	ppbv	94
13) Ethanol	3.597	45	37867	12.131	ppbv #	100
15) Acetone	3.835	43	5557170	51.711	ppbv	98
17) tert-Butyl alcohol	4.285	59	32701	0.392	ppbv #	78
19) Isopropyl Alcohol	3.954	45	345173	6.848	ppbv #	93
20) Methylene Chloride	4.333	84	77203	1.705	ppbv #	94
26) Hexane	5.668	57	61972m	0.582	ppbv	
27) Carbon Disulfide	4.549	76	14092m	0.128	ppbv	
34) 2-Butanone	5.230	43	271241	1.712	ppbv	95
51) 2-Hexanone	10.137	43	34573m	0.187	ppbv	

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

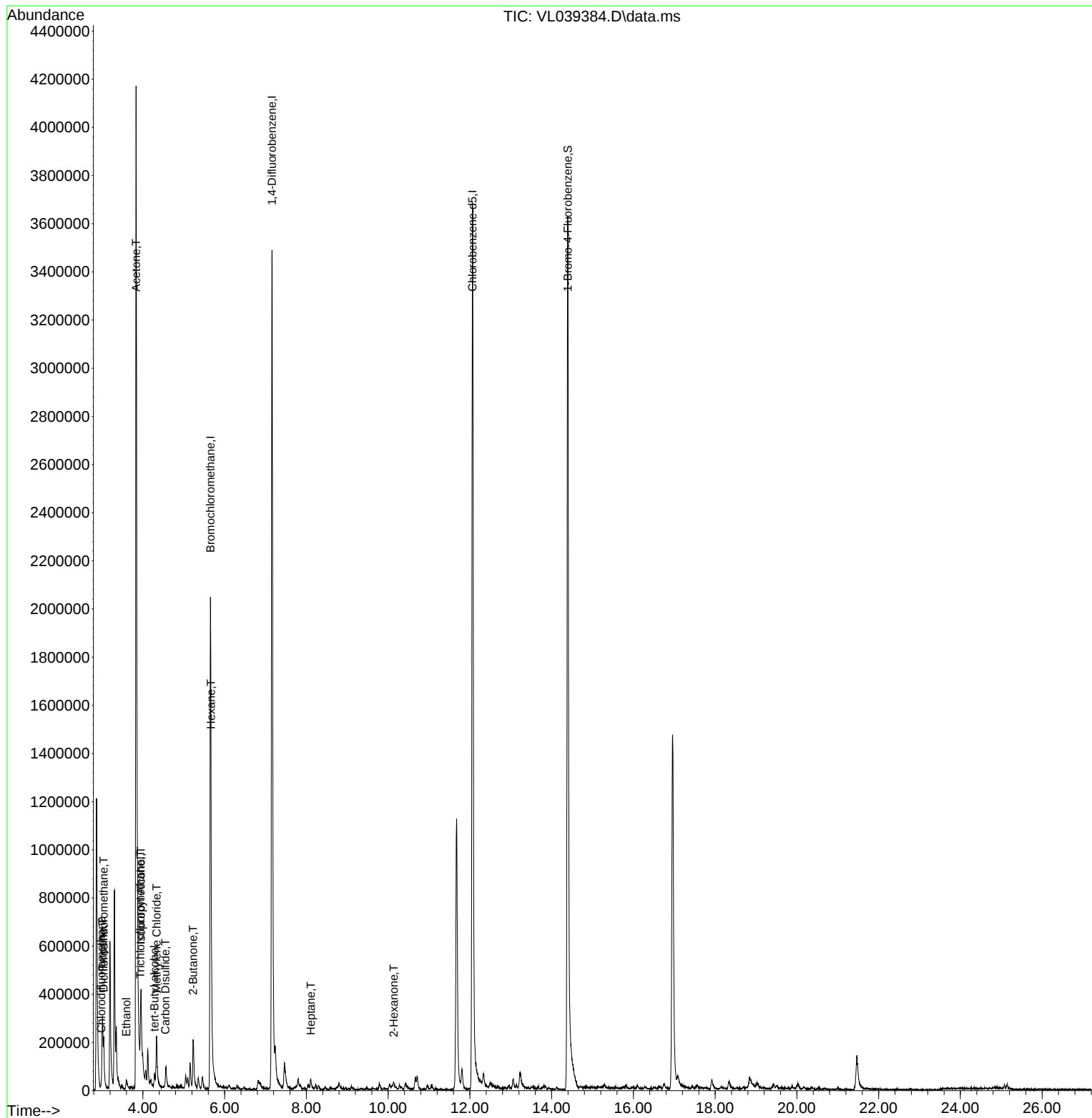
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
Data File : VL039384.D
Acq On : 28 Jun 2022 8:35
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Misc : 400mL/MSVOA_L
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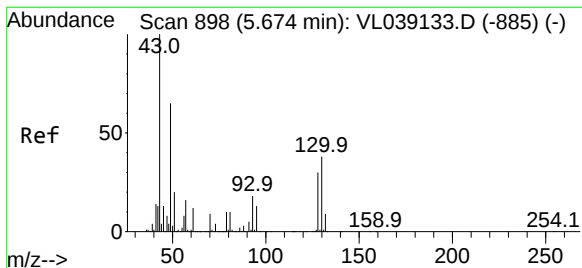
Instrument :
MSVOA_L
ClientSampleId :
SV-9-20220624DL

Quant Time: Jun 28 09:24:01 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

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APPROVED

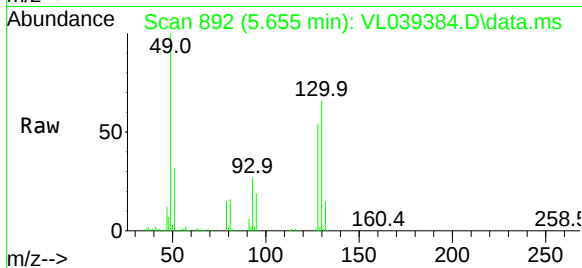
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 892
Delta R.T. -0.019 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35

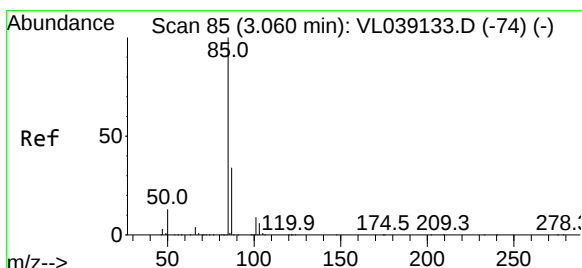
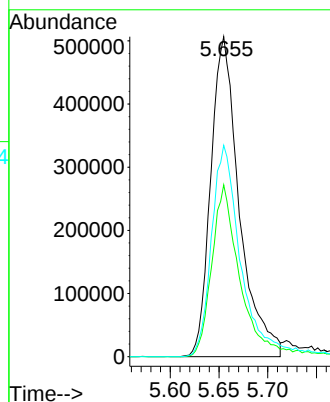
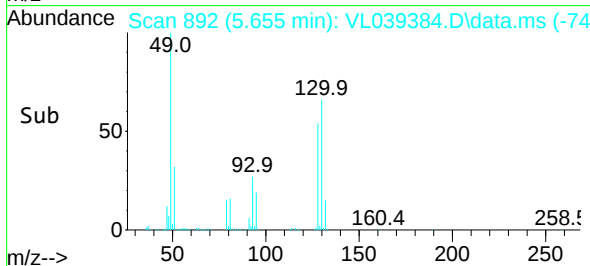
Instrument :
MSVOA_L
ClientSampleId :
SV-9-20220624DL



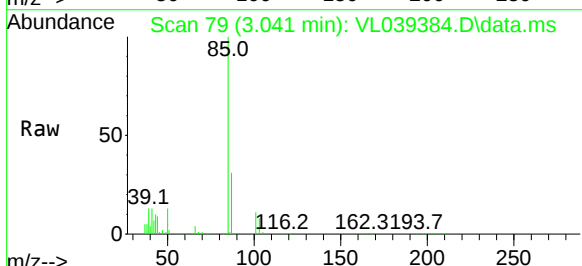
Tgt Ion: 49 Resp: 1031648
Ion Ratio Lower Upper
49 100
128 54.5 24.7 74.1
130 70.4 31.4 94.0

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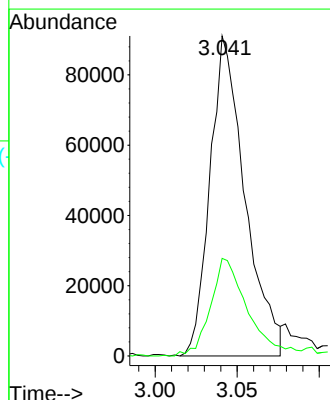
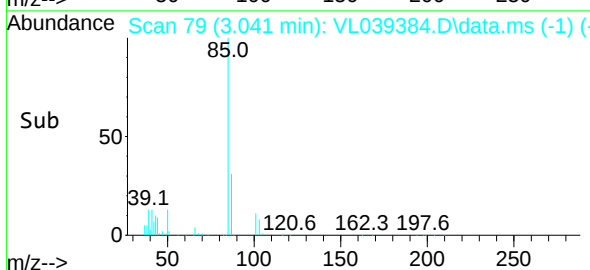
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

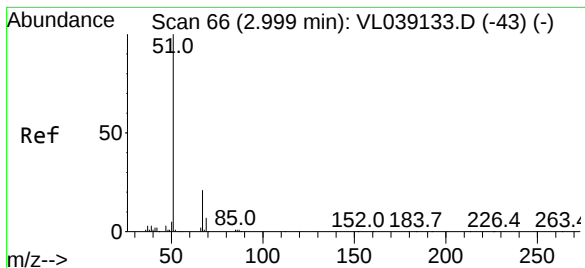


#2
Dichlorodifluoromethane
Concen: 0.745 ppbv
RT: 3.041 min Scan# 79
Delta R.T. -0.019 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35



Tgt Ion: 85 Resp: 134930
Ion Ratio Lower Upper
85 100
87 29.2 26.9 40.3





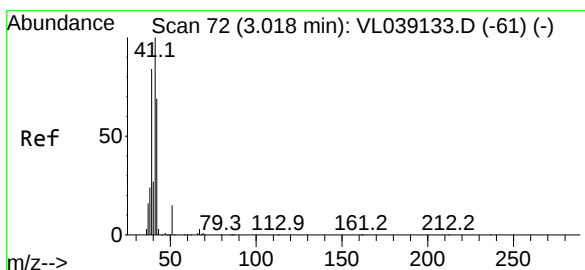
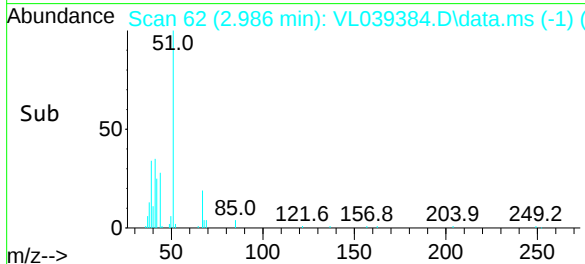
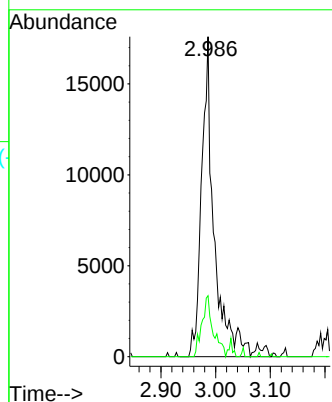
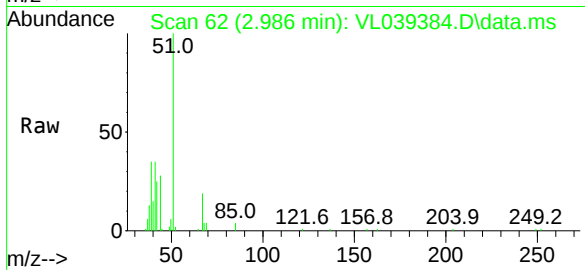
#3
Chlorodifluoromethane
Concen: 0.217 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35

Instrument :
MSVOA_L
ClientSampleId :
SV-9-20220624DL

Tgt Ion: 51 Resp: 2851
Ion Ratio Lower Upper
51 100
67 18.4 16.2 24.4

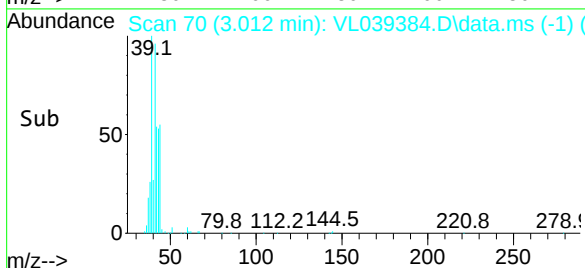
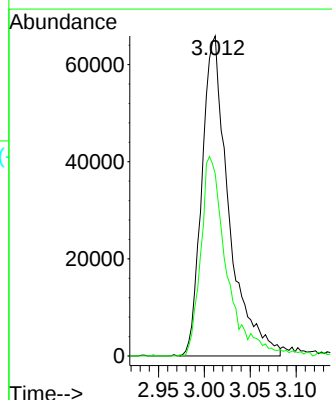
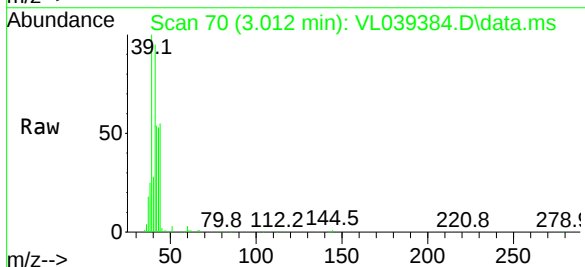
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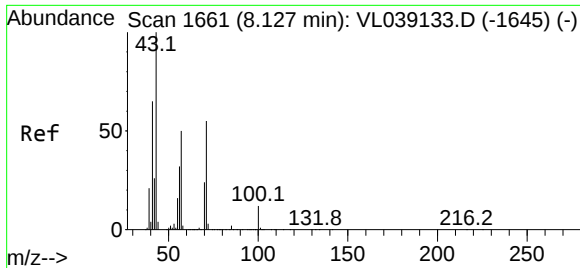
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#9
Propene
Concen: 2.343 ppbv
RT: 3.012 min Scan# 70
Delta R.T. -0.006 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35

Tgt Ion: 41 Resp: 134088
Ion Ratio Lower Upper
41 100
42 60.7 55.4 83.2





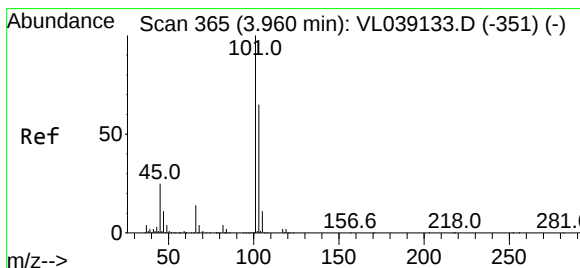
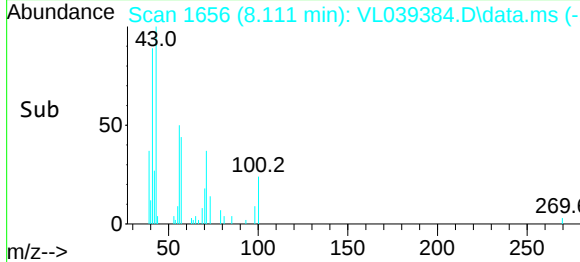
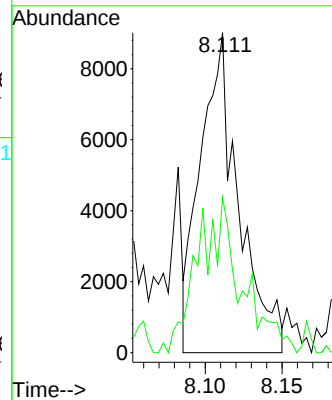
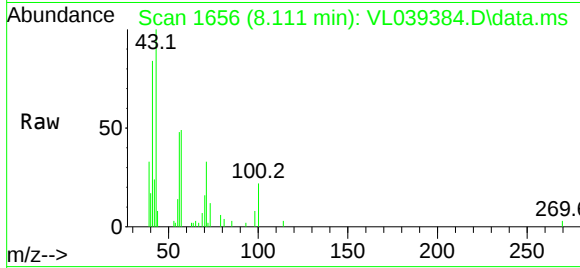
#10
Heptane
Concen: 0.117 ppbv m
RT: 8.111 min Scan# 10
Delta R.T. -0.016 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35

Instrument :
MSVOA_L
ClientSampleId :
SV-9-20220624DL

Tgt Ion: 43 Resp: 15614
Ion Ratio Lower Upper
43 100
57 63.1 41.4 62.2

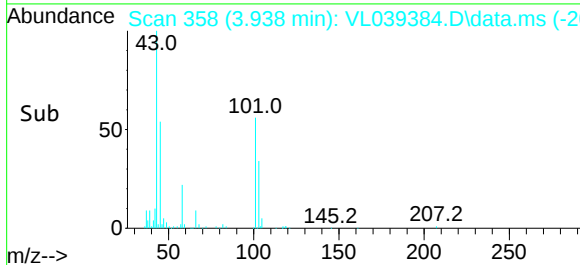
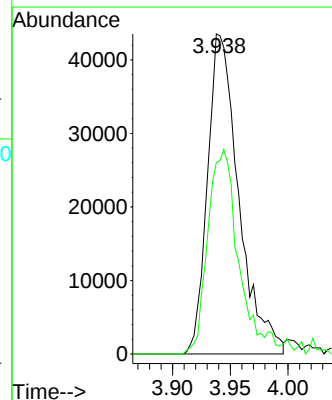
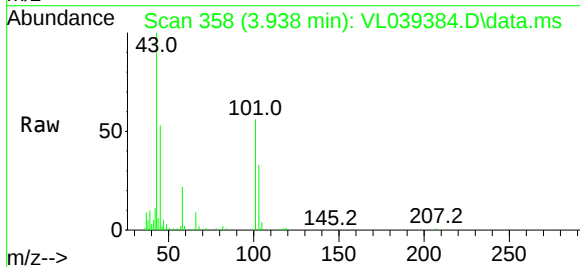
Manual Integrations
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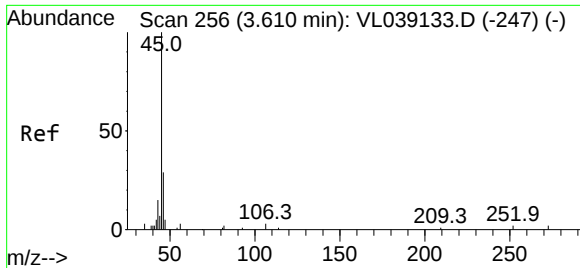
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#11
Trichlorofluoromethane
Concen: 0.500 ppbv
RT: 3.938 min Scan# 358
Delta R.T. -0.022 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35

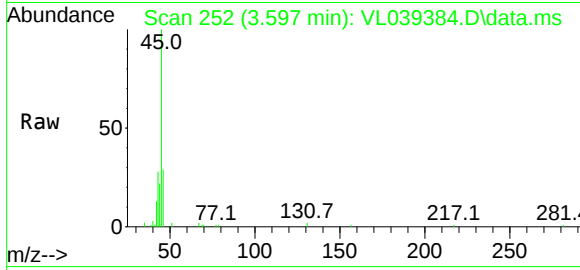
Tgt Ion:101 Resp: 81948
Ion Ratio Lower Upper
101 100
103 59.8 51.7 77.5





#13
Ethanol
Concen: 12.131 ppbv
RT: 3.597 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35

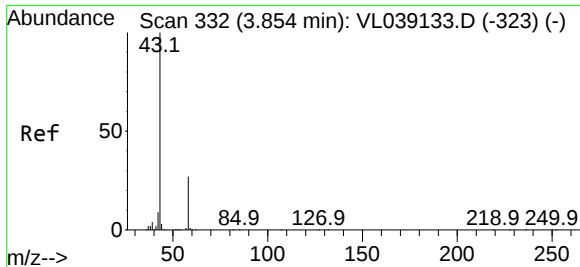
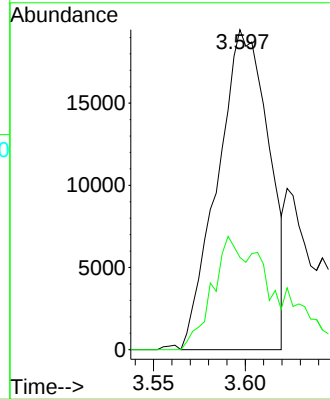
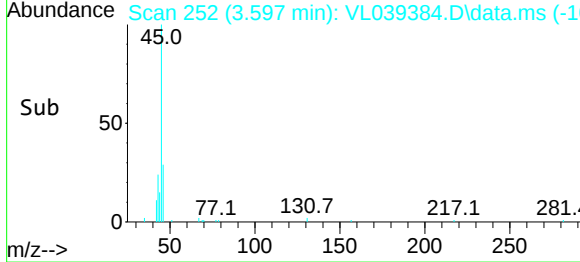
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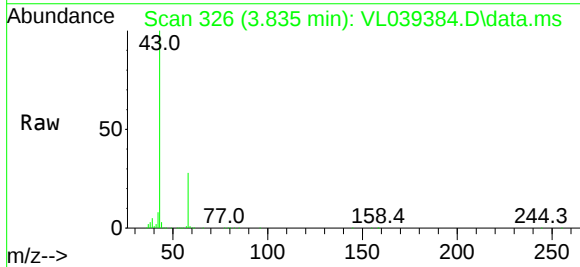
Tgt Ion: 45 Resp: 3786
Ion Ratio Lower Upper
45 100
46 57.8 0.0 0.0

Manual Integrations
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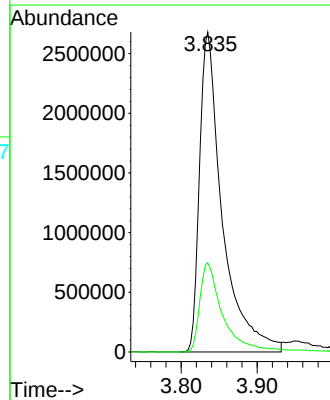
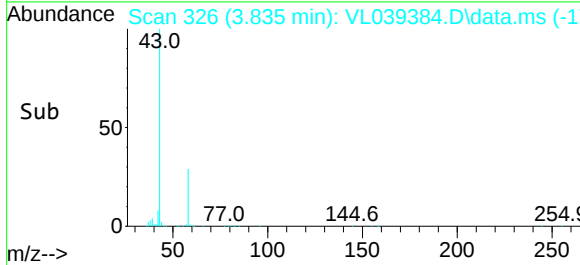
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Supervised By :Mahesh Dadoda 06/30/2022

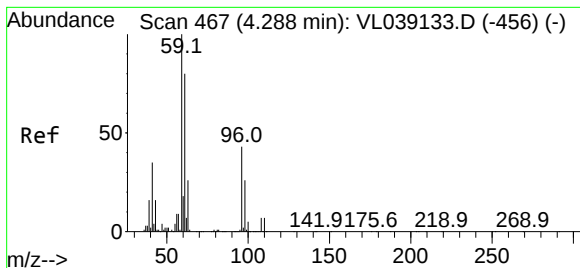


#15
Acetone
Concen: 51.711 ppbv
RT: 3.835 min Scan# 326
Delta R.T. -0.019 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35



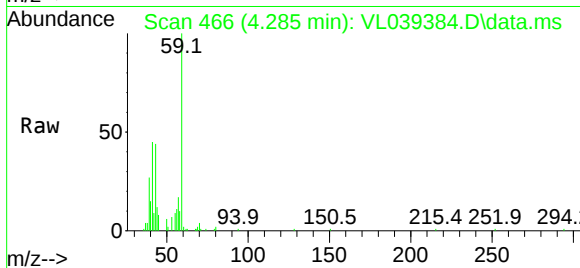
Tgt Ion: 43 Resp: 5557170
Ion Ratio Lower Upper
43 100
58 29.2 22.5 33.7





#17
tert-Butyl alcohol
Concen: 0.392 ppbv
RT: 4.285 min Scan# 40
Delta R.T. -0.003 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35

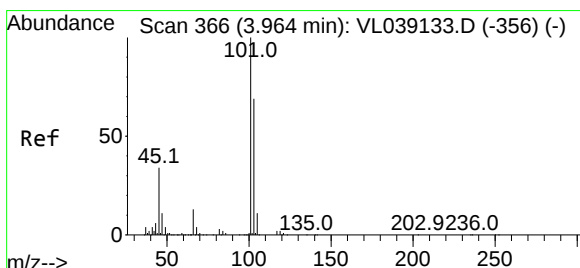
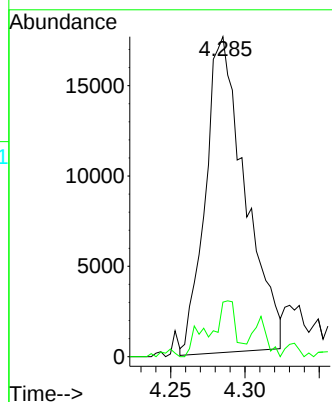
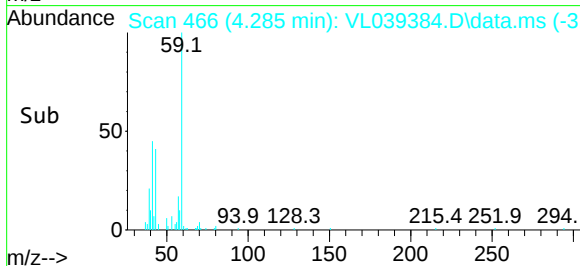
Instrument :
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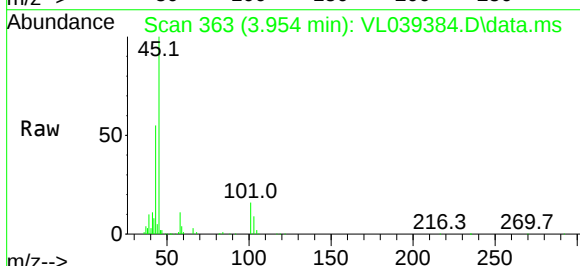
Tgt Ion: 59 Resp: 3270
Ion Ratio Lower Upper
59 100
57 19.7 9.1 13.7

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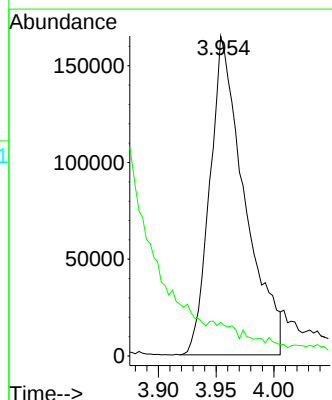
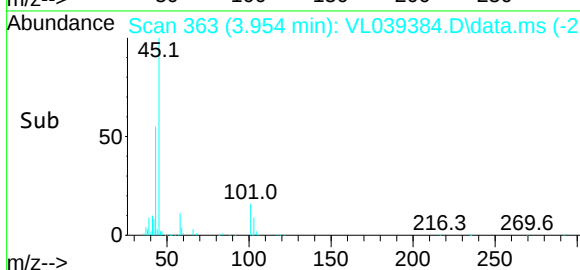
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

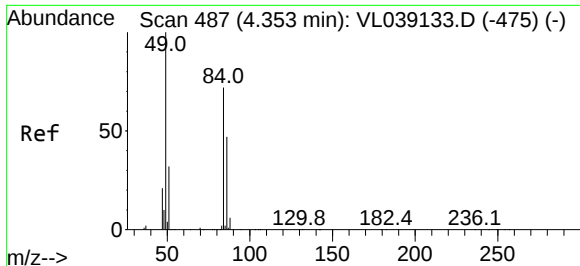


#19
Isopropyl Alcohol
Concen: 6.848 ppbv
RT: 3.954 min Scan# 363
Delta R.T. -0.010 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35



Tgt Ion: 45 Resp: 345173
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8





#20
Methylene Chloride
Concen: 1.705 ppbv
RT: 4.333 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35

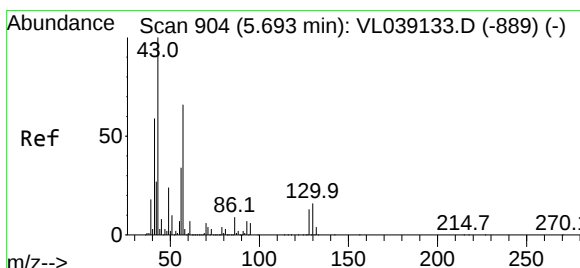
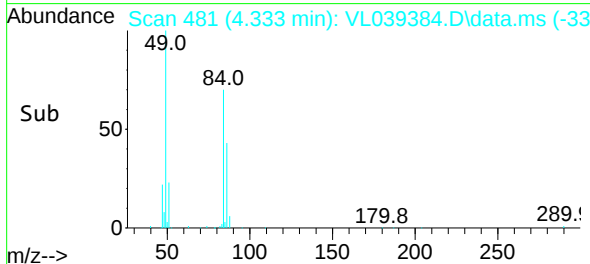
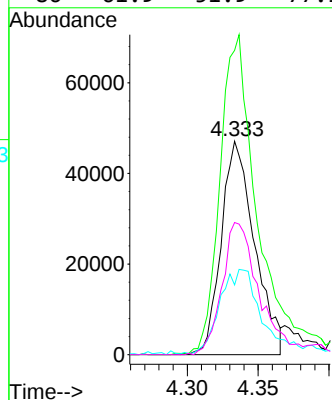
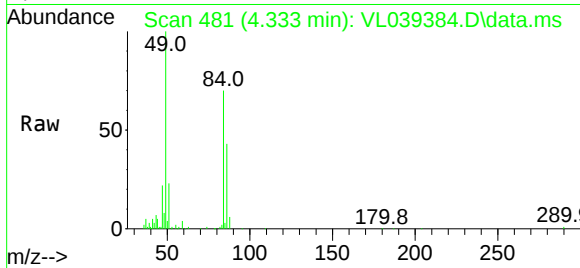
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SV-9-20220624DL

Tgt Ion: 84 Resp: 7720

Ion	Ratio	Lower	Upper
84	100		
49	141.9	111.1	166.7
51	32.3	35.3	52.9
86	61.9	51.9	77.9

Manual Integrations
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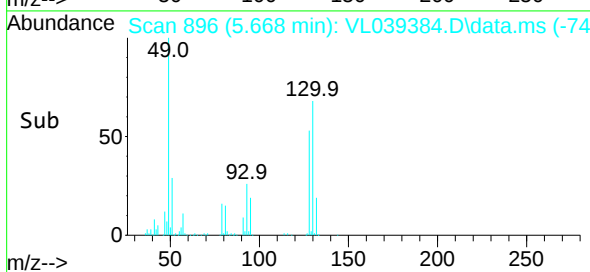
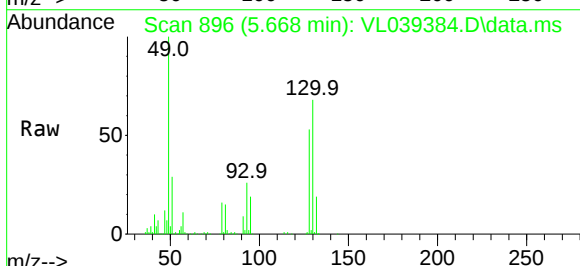
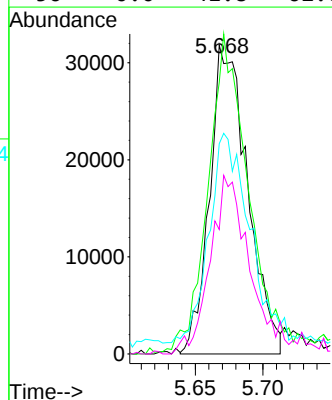
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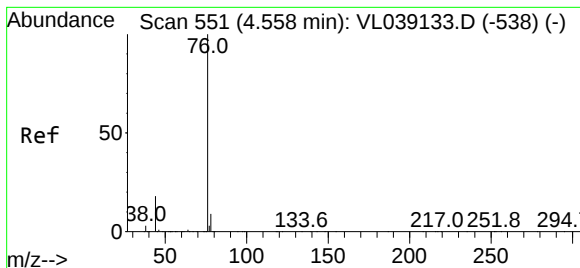


#26
Hexane
Concen: 0.582 ppbv m
RT: 5.668 min Scan# 896
Delta R.T. -0.026 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35

Tgt Ion: 57 Resp: 61972

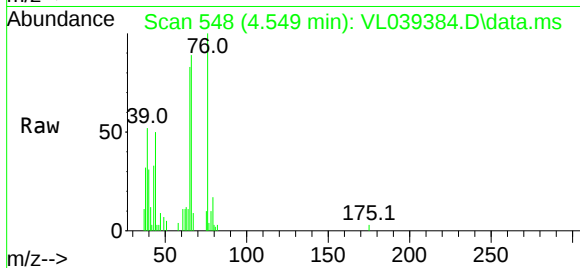
Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.4	108.6#
43	0.0	187.0	280.6#
56	0.0	41.8	62.6#





#27
Carbon Disulfide
Concen: 0.128 ppbv m
RT: 4.549 min Scan# 549
Delta R.T. -0.010 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35

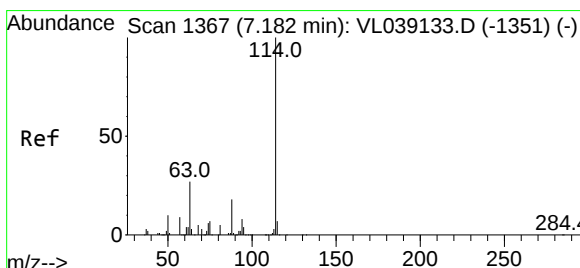
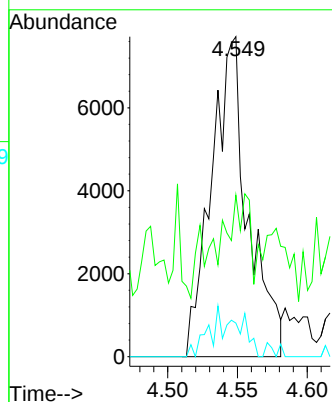
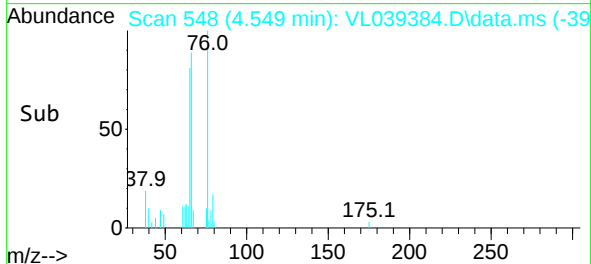
Instrument :
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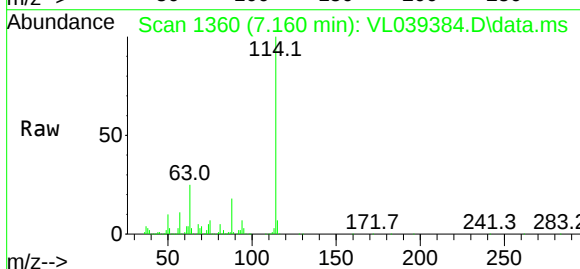
Tgt Ion: 76 Resp: 14092
Ion Ratio Lower Upper
76 100
44 41.6 14.4 21.6
78 0.0 7.7 11.5

Manual Integrations
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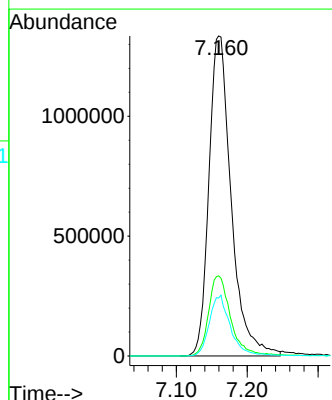
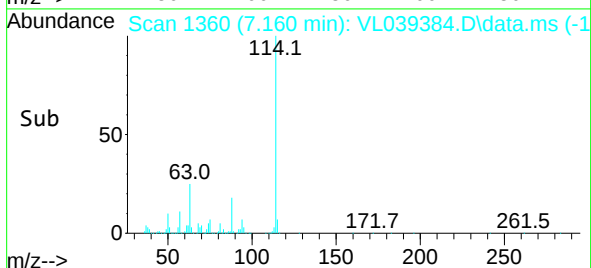
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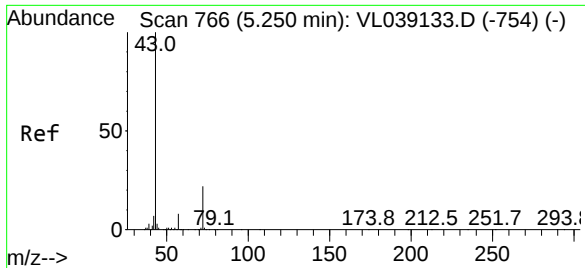


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1360
Delta R.T. -0.022 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35



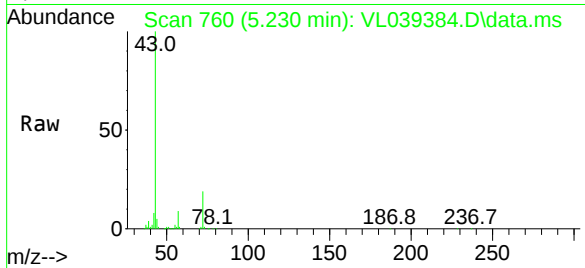
Tgt Ion:114 Resp: 2915998
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 18.1 14.8 22.2





#34
2-Butanone
Concen: 1.712 ppbv
RT: 5.230 min Scan# 766
Delta R.T. -0.019 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35

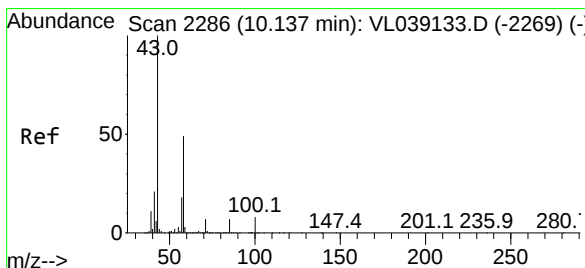
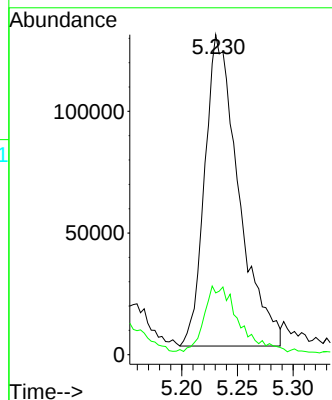
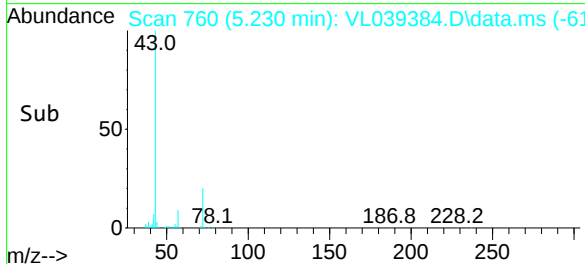
Instrument :
MSVOA_L
ClientSampleId :
SV-9-20220624DL



Tgt Ion: 43 Resp: 27124
Ion Ratio Lower Upper
43 100
72 24.9 18.2 27.2

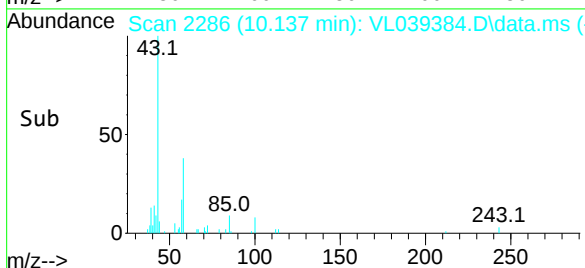
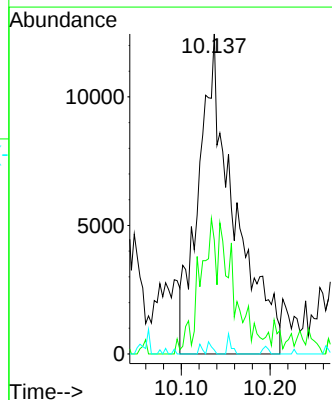
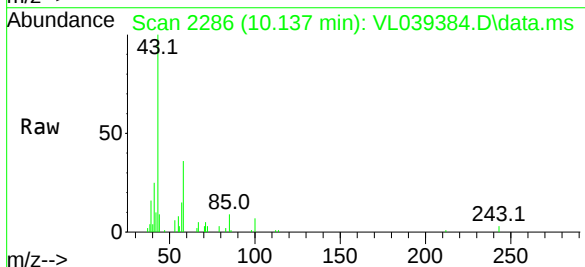
Manual Integrations
APPROVED

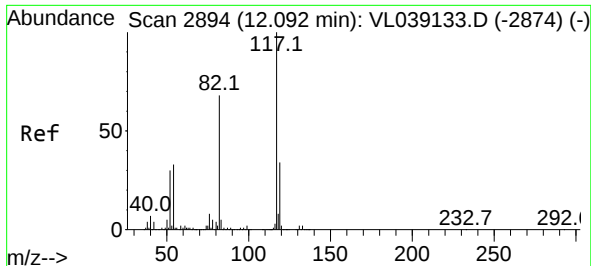
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#51
2-Hexanone
Concen: 0.187 ppbv m
RT: 10.137 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35

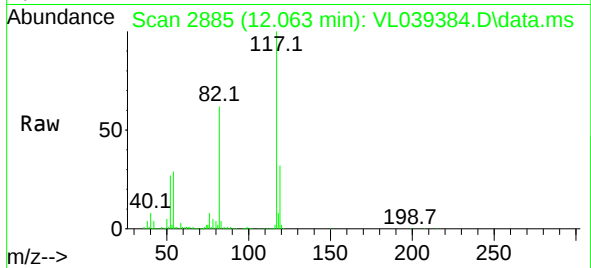
Tgt Ion: 43 Resp: 34573
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 0.0 0.1 0.1#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.063 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35

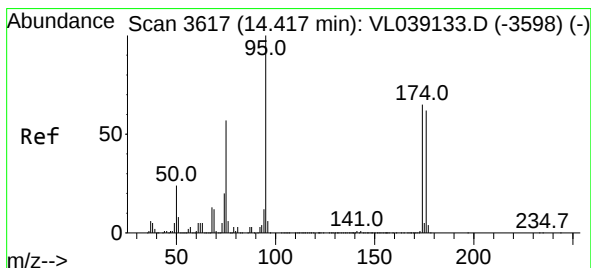
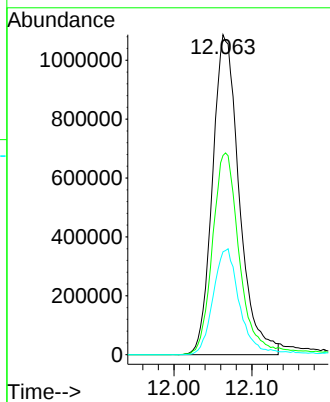
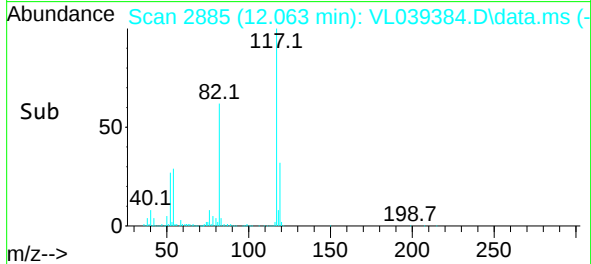
Instrument :
MSVOA_L
ClientSampleId :
SV-9-20220624DL



Tgt Ion: 117 Resp: 2590580
Ion Ratio Lower Upper
117 100
82 65.8 55.1 82.7
119 33.9 24.7 37.1

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 8.714 ppbv
RT: 14.394 min Scan# 3610
Delta R.T. -0.022 min
Lab File: VL039384.D
Acq: 28 Jun 2022 8:35

Tgt Ion: 95 Resp: 1866377
Ion Ratio Lower Upper
95 100
174 70.2 53.8 80.8
175 5.1 4.1 6.1

