

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039391.D
 Acq On : 28 Jun 2022 13:09
 Operator : SY/AP
 Sample : N3508-03DL 100X
 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 06:06:20 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	1079497	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.160	114	2967073	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.063	117	2592047	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	1833370	8.555	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.041	85	41913m	0.221	ppbv	
9) Propene	3.009	41	40975	0.684	ppbv	94
11) Trichlorofluoromethane	3.938	101	21777m	0.127	ppbv	
13) Ethanol	3.607	45	8545m	2.616	ppbv	
15) Acetone	3.838	43	1517770	13.497	ppbv	98
19) Isopropyl Alcohol	3.967	45	76171	1.444	ppbv #	93
20) Methylene Chloride	4.333	84	84616	1.786	ppbv	90
26) Hexane	5.674	57	321890	2.890	ppbv #	39
34) 2-Butanone	5.240	43	79491m	0.493	ppbv	

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

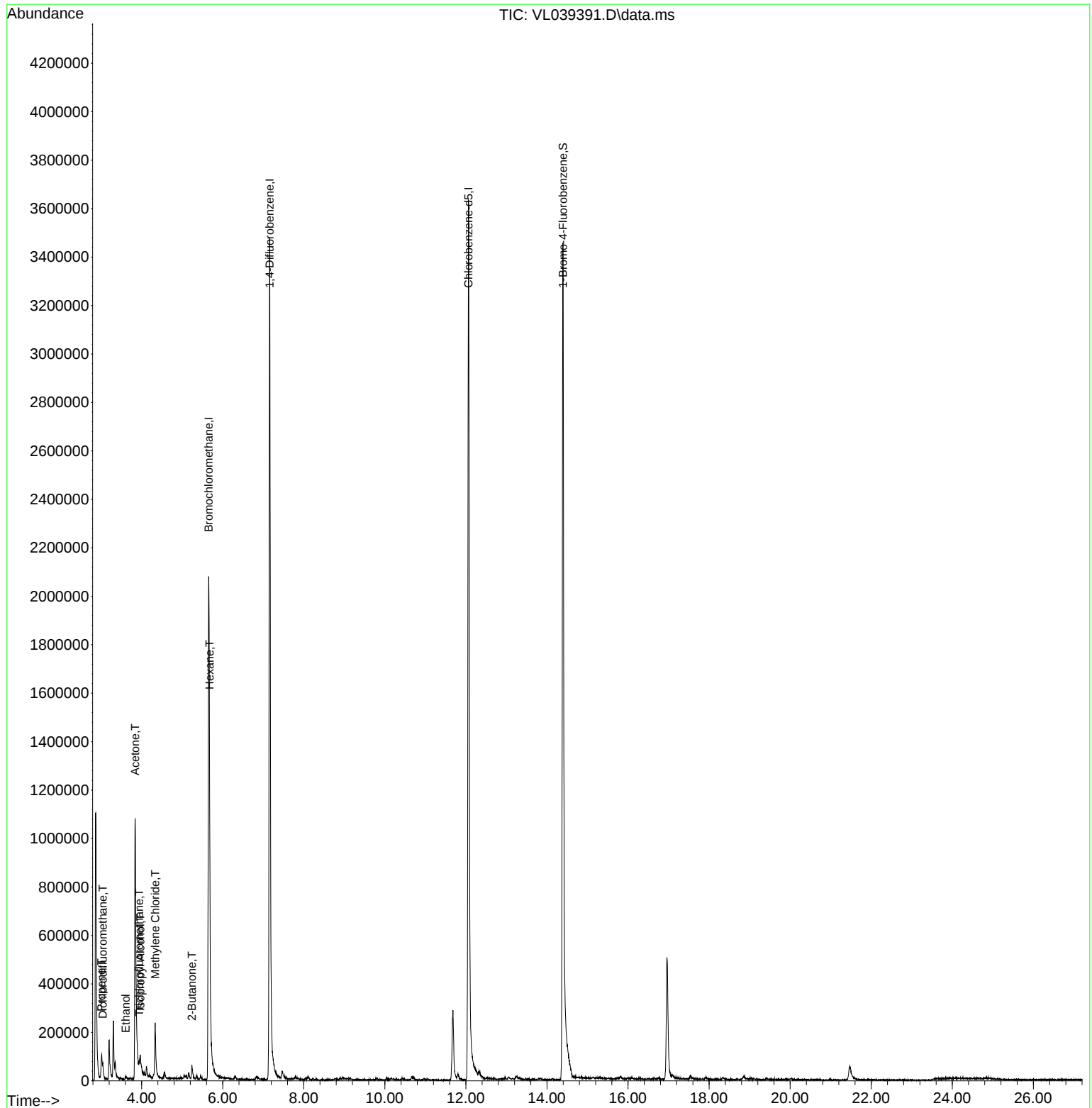
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
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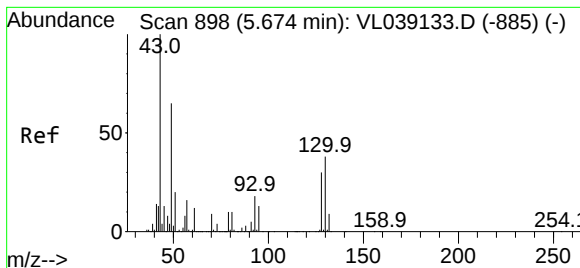
Instrument :
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Quant Time: Jun 29 06:06:20 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
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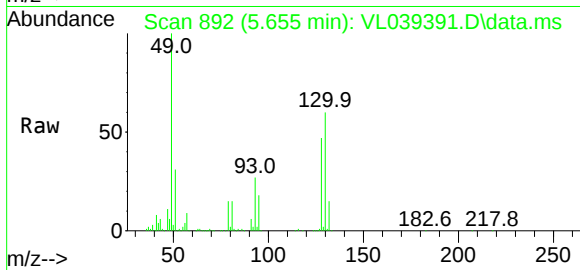
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 89
Delta R.T. -0.019 min
Lab File: VL039391.D
Acq: 28 Jun 2022 13:09

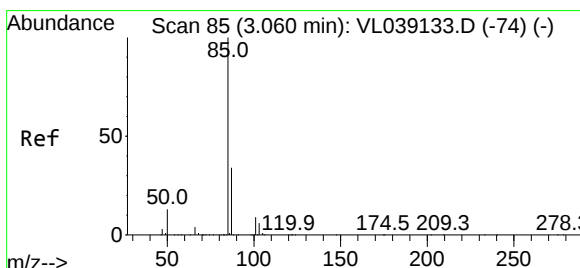
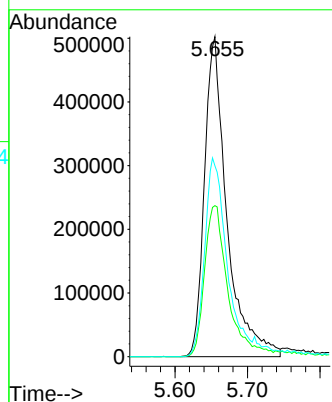
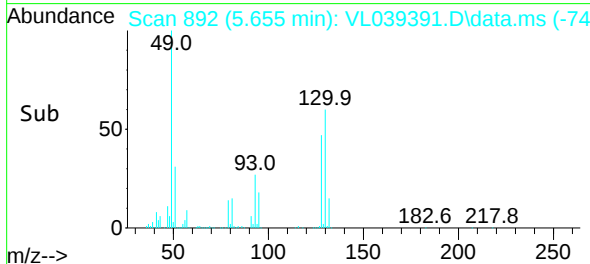
Instrument :
MSVOA_L
ClientSampleId :
SV-9-20220624DL



Tgt Ion: 49 Resp: 107949
Ion Ratio Lower Upper
49 100
128 52.2 24.7 74.1
130 67.3 31.4 94.0

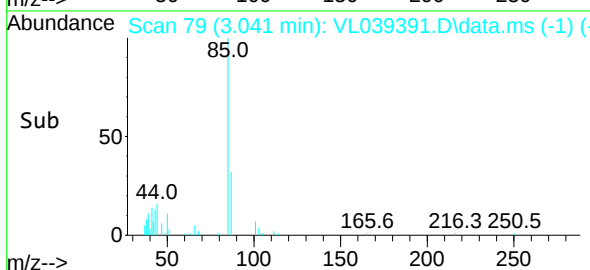
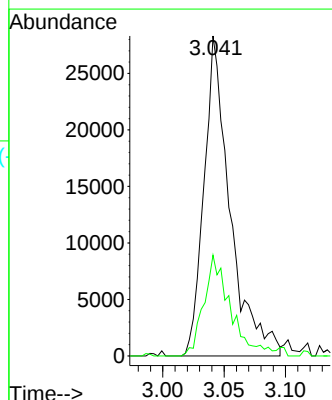
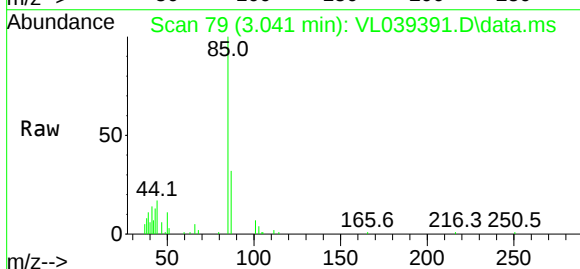
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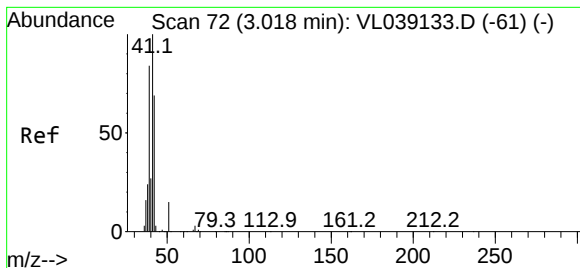
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Supervised By :Mahesh Dadoda 06/30/2022



#2
Dichlorodifluoromethane
Concen: 0.221 ppbv m
RT: 3.041 min Scan# 79
Delta R.T. -0.019 min
Lab File: VL039391.D
Acq: 28 Jun 2022 13:09

Tgt Ion: 85 Resp: 41913
Ion Ratio Lower Upper
85 100
87 31.5 26.9 40.3





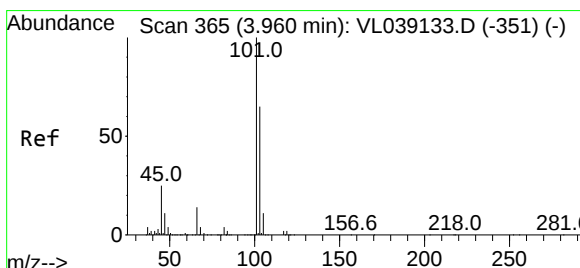
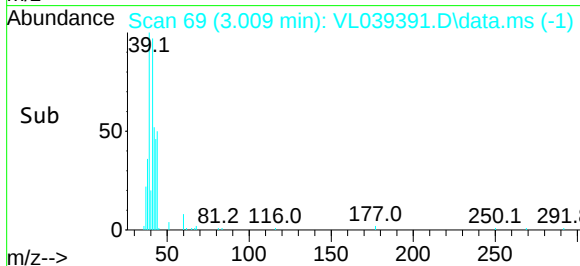
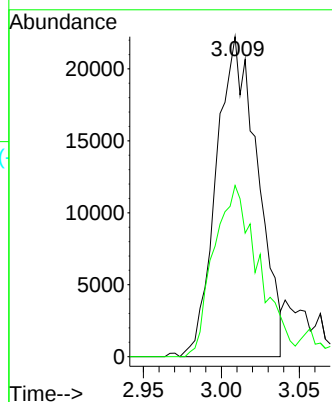
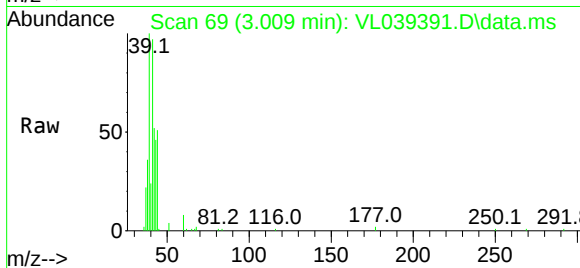
#9
 Propene
 Concen: 0.684 ppbv
 RT: 3.009 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL039391.D
 Acq: 28 Jun 2022 13:09

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 41 Resp: 4097
 Ion Ratio Lower Upper
 41 100
 42 64.4 55.4 83.2

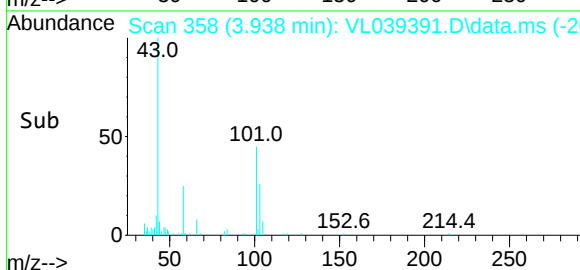
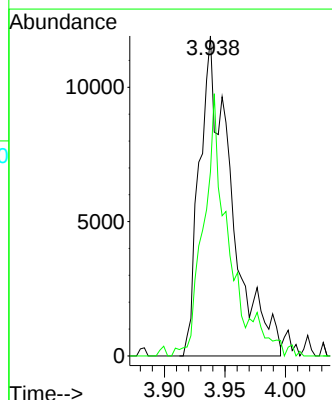
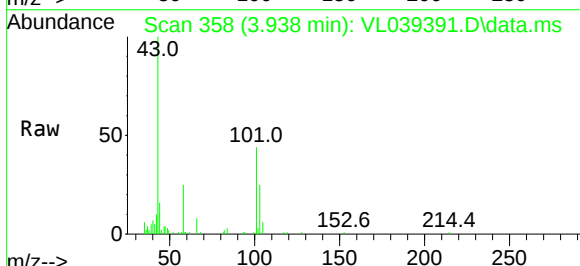
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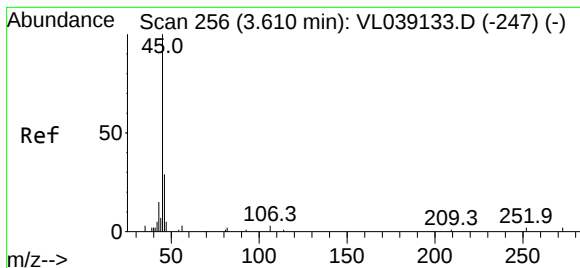
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#11
 Trichlorofluoromethane
 Concen: 0.127 ppbv m
 RT: 3.938 min Scan# 358
 Delta R.T. -0.022 min
 Lab File: VL039391.D
 Acq: 28 Jun 2022 13:09

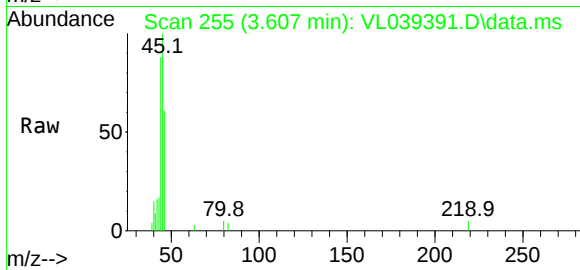
Tgt Ion:101 Resp: 21777
 Ion Ratio Lower Upper
 101 100
 103 57.5 51.7 77.5





#13
Ethanol
Concen: 2.616 ppbv m
RT: 3.607 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039391.D
Acq: 28 Jun 2022 13:09

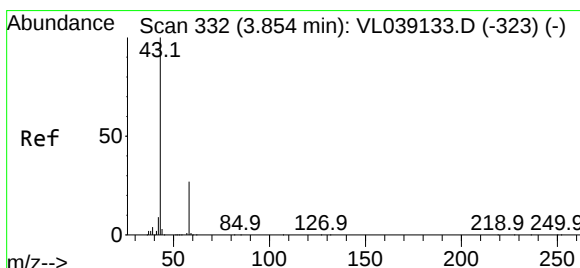
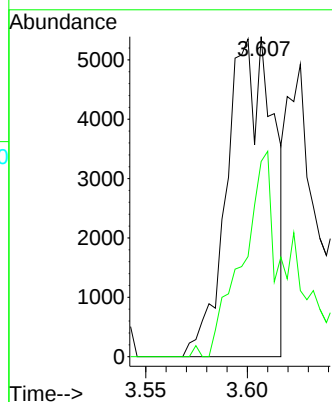
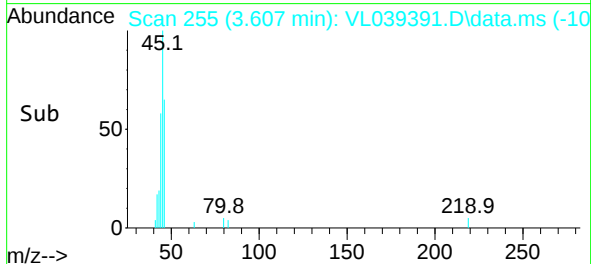
Instrument :
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ClientSampleId :
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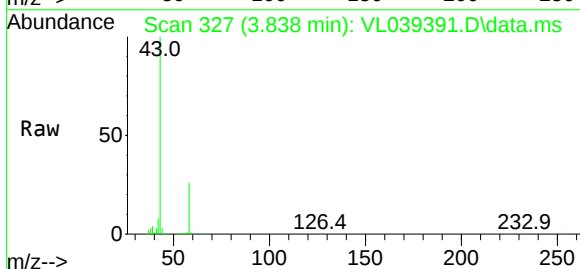
Tgt Ion: 45 Resp: 854
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

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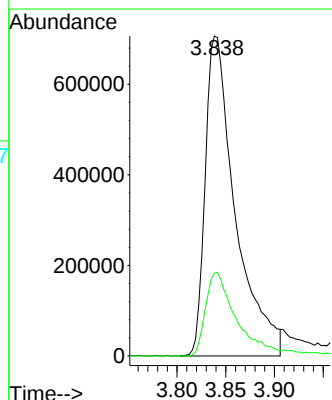
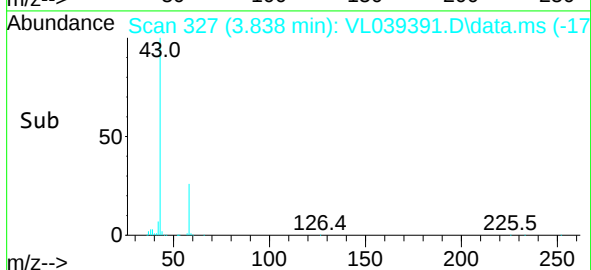
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Supervised By :Mahesh Dadoda 06/30/2022

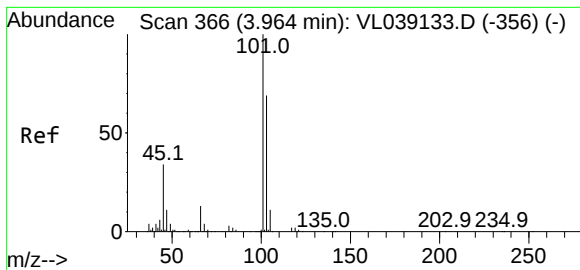


#15
Acetone
Concen: 13.497 ppbv
RT: 3.838 min Scan# 327
Delta R.T. -0.016 min
Lab File: VL039391.D
Acq: 28 Jun 2022 13:09



Tgt Ion: 43 Resp: 1517770
Ion Ratio Lower Upper
43 100
58 29.0 22.5 33.7





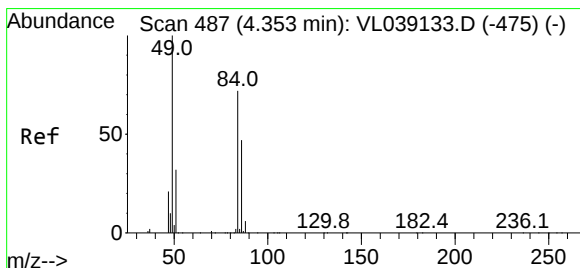
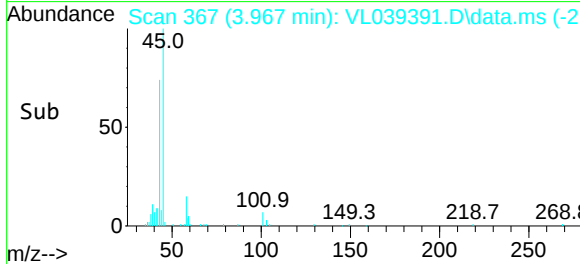
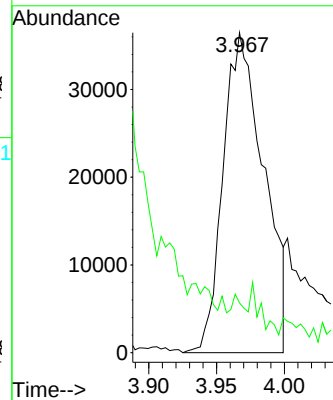
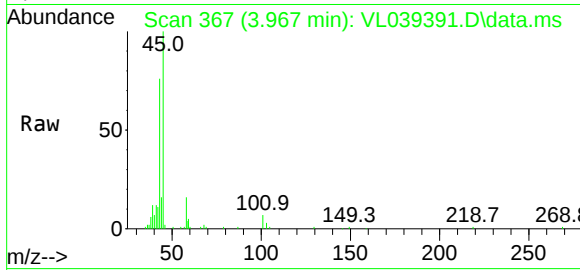
#19
Isopropyl Alcohol
Concen: 1.444 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL039391.D
Acq: 28 Jun 2022 13:09

Instrument :
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ClientSampleId :
SV-9-20220624DL

Tgt Ion: 45 Resp: 7617
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

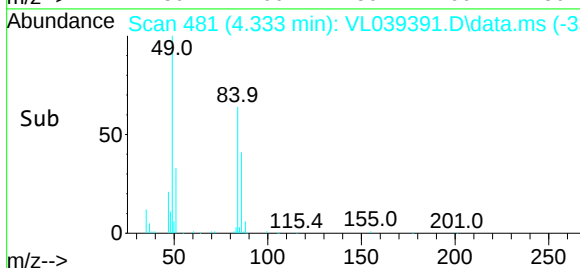
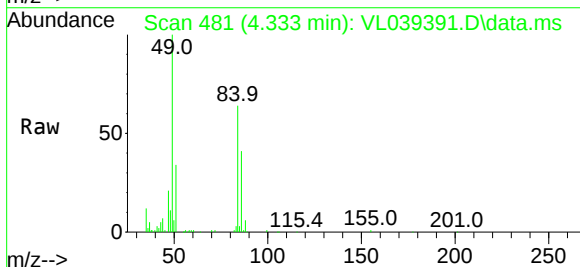
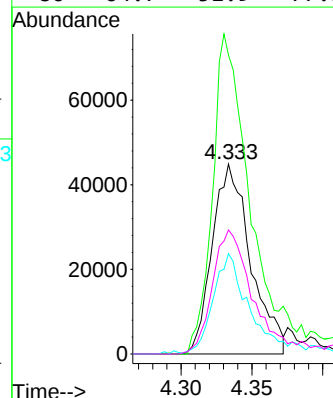
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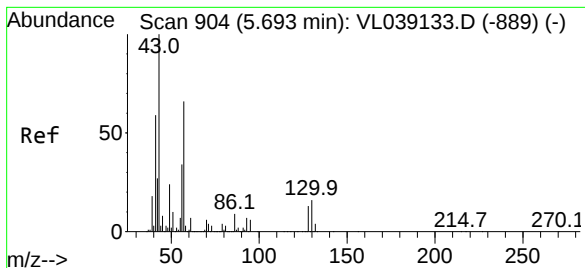
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 1.786 ppbv
RT: 4.333 min Scan# 481
Delta R.T. -0.019 min
Lab File: VL039391.D
Acq: 28 Jun 2022 13:09

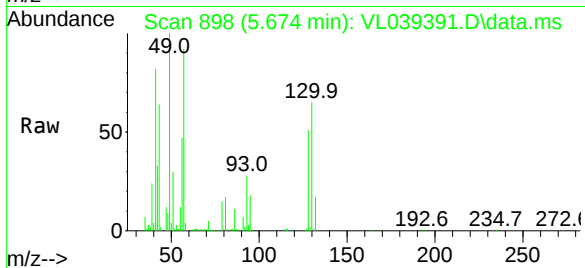
Tgt Ion: 84 Resp: 84616
Ion Ratio Lower Upper
84 100
49 155.5 111.1 166.7
51 52.3 35.3 52.9
86 64.7 51.9 77.9





#26
Hexane
Concen: 2.890 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.019 min
Lab File: VL039391.D
Acq: 28 Jun 2022 13:09

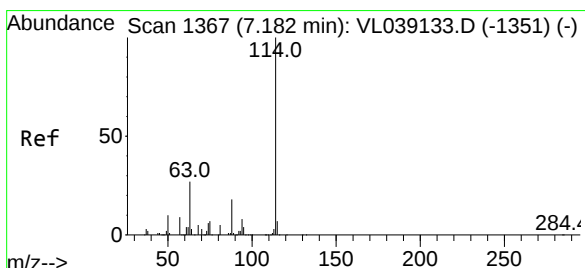
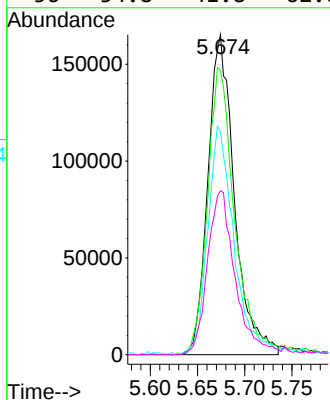
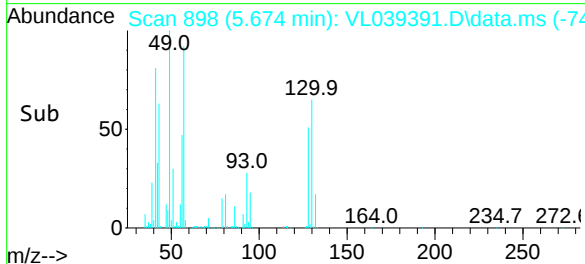
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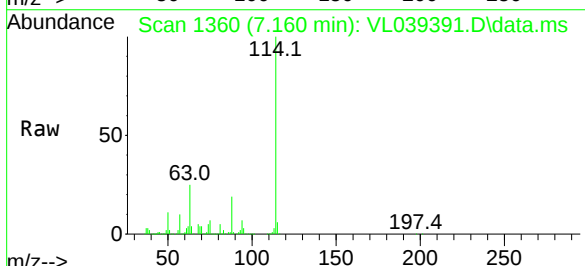
Tgt Ion: 57 Resp: 321890
Ion Ratio Lower Upper
57 100
41 93.3 72.4 108.6
43 72.8 187.0 280.6
56 54.8 41.8 62.6

Manual Integrations
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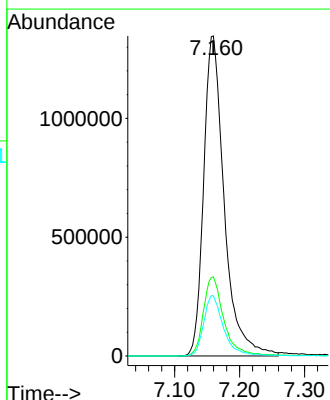
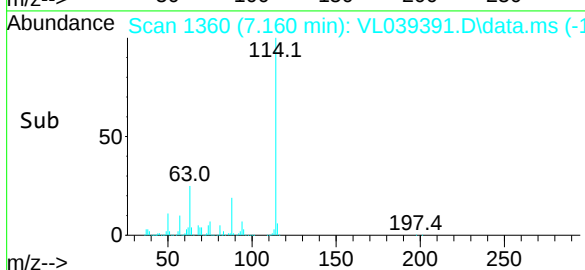
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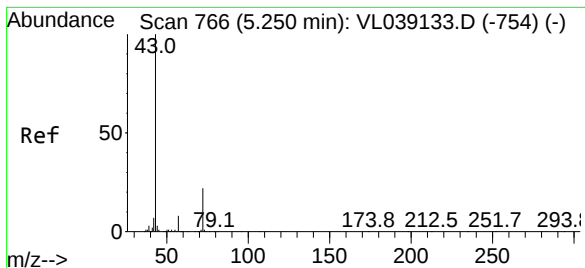


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1360
Delta R.T. -0.022 min
Lab File: VL039391.D
Acq: 28 Jun 2022 13:09



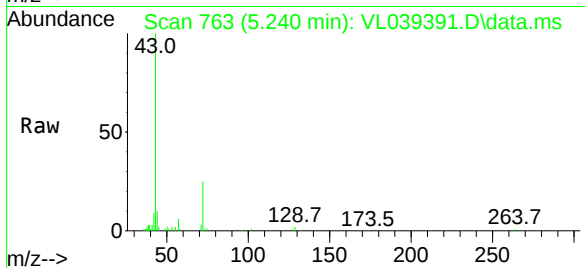
Tgt Ion:114 Resp: 2967073
Ion Ratio Lower Upper
114 100
63 24.7 21.7 32.5
88 18.4 14.8 22.2





#34
2-Butanone
Concen: 0.493 ppbv m
RT: 5.240 min Scan# 766
Delta R.T. -0.010 min
Lab File: VL039391.D
Acq: 28 Jun 2022 13:09

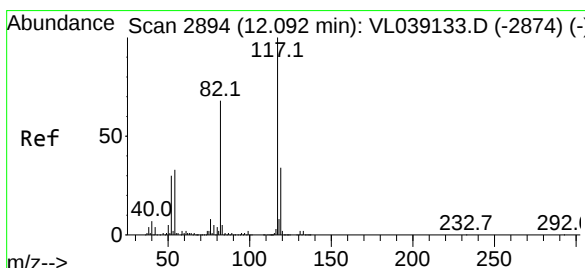
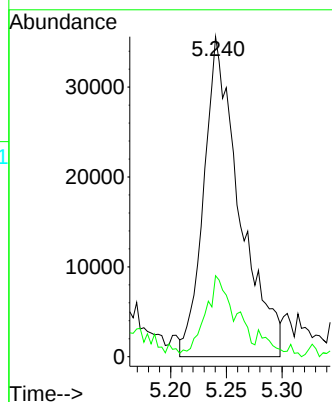
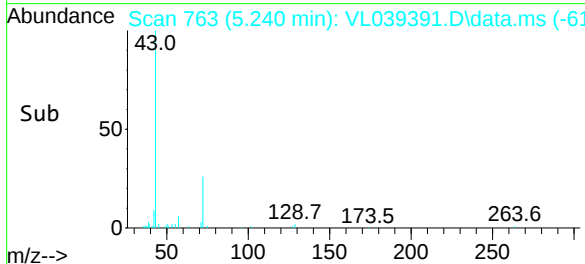
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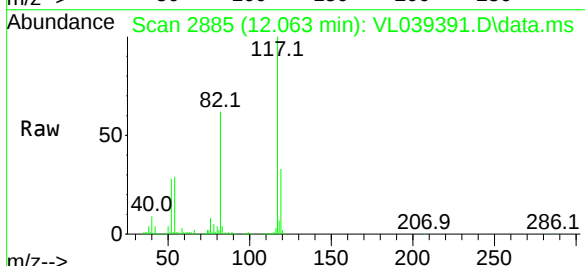
Tgt Ion: 43 Resp: 7949
Ion Ratio Lower Upper
43 100
72 25.9 18.2 27.2

Manual Integrations
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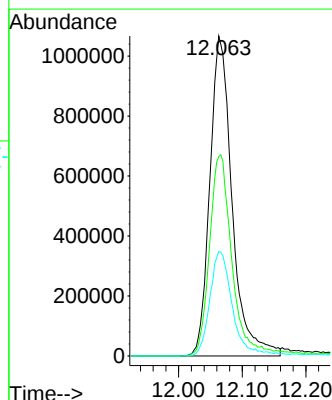
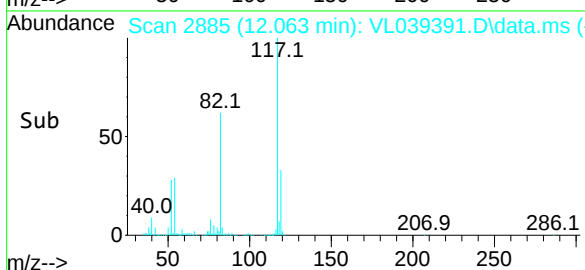
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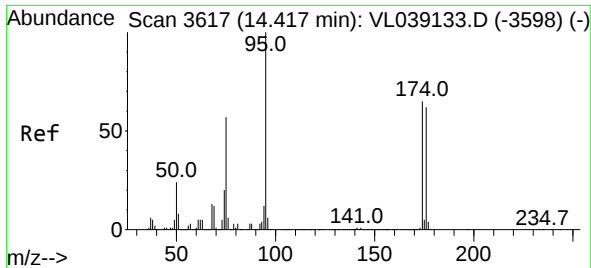


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.063 min Scan# 2885
Delta R.T. -0.029 min
Lab File: VL039391.D
Acq: 28 Jun 2022 13:09



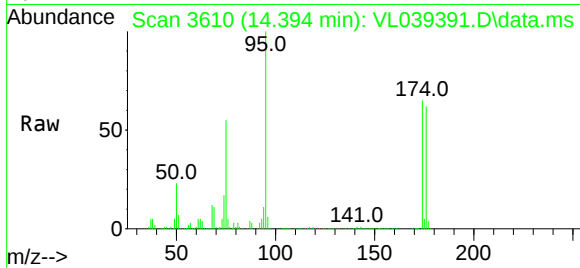
Tgt Ion:117 Resp: 2592047
Ion Ratio Lower Upper
117 100
82 64.0 55.1 82.7
119 33.4 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.555 ppbv
 RT: 14.394 min Scan# 30
 Delta R.T. -0.022 min
 Lab File: VL039391.D
 Acq: 28 Jun 2022 13:09

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Tgt Ion: 95 Resp: 1833370
 Ion Ratio Lower Upper
 95 100
 174 73.3 53.8 80.8
 175 5.1 4.1 6.1

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