

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
 Data File : VL039340.D
 Acq On : 24 Jun 2022 14:23
 Operator : SY/AP
 Sample : N3489-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1-20220622DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 01:50:32 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	5.661	49	1163938	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.169	114	3361912	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.079	117	2986611	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2225457	9.013	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.100%
Target Compounds						Qvalue
9) Propene	3.012	41	38944	0.603	ppbv	98
13) Ethanol	3.613	45	14538m	4.128	ppbv	
15) Acetone	3.848	43	1395720	11.512	ppbv	97
17) tert-Butyl alcohol	4.298	59	19966m	0.212	ppbv	
19) Isopropyl Alcohol	3.970	45	128056	2.252	ppbv #	93
20) Methylene Chloride	4.343	84	57024	1.116	ppbv	87
26) Hexane	5.684	57	41534	0.346	ppbv #	33
34) 2-Butanone	5.247	43	176659	0.967	ppbv #	90
52) Tetrachloroethene	11.214	164	5526m	0.052	ppbv	

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

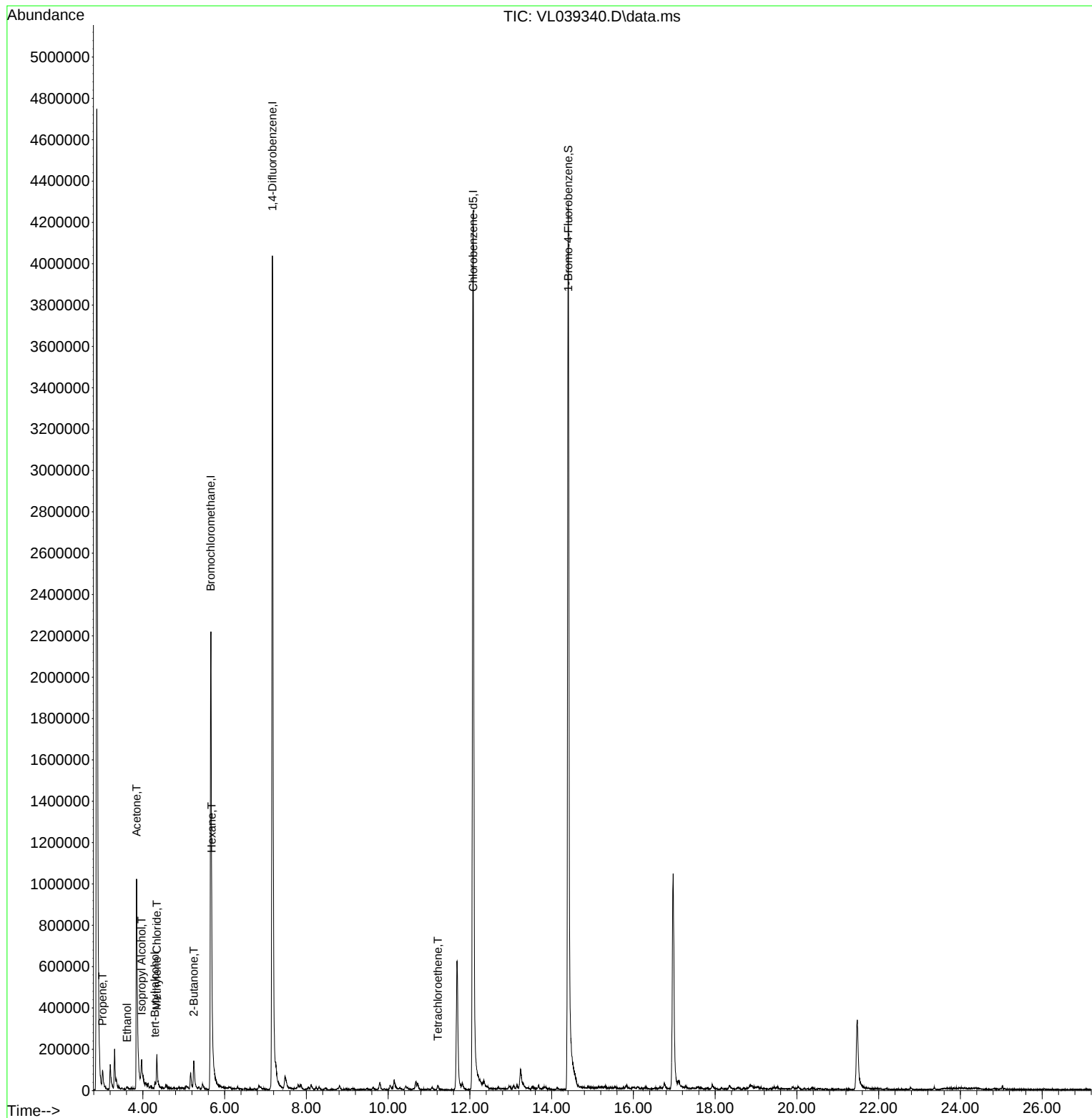
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
Data File : VL039340.D
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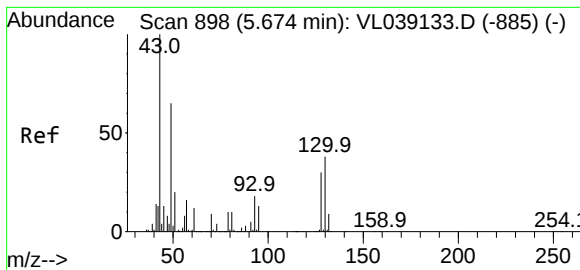
Instrument :
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Quant Time: Jun 27 01:50:32 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

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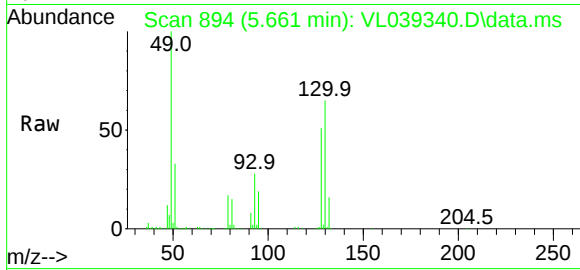
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 89
Delta R.T. -0.013 min
Lab File: VL039340.D
Acq: 24 Jun 2022 14:23

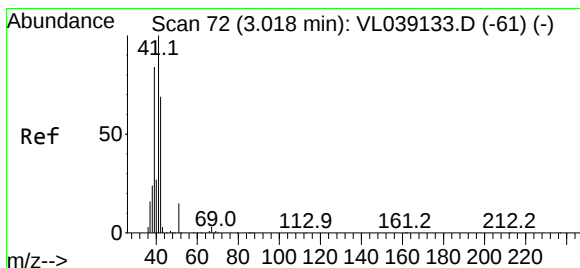
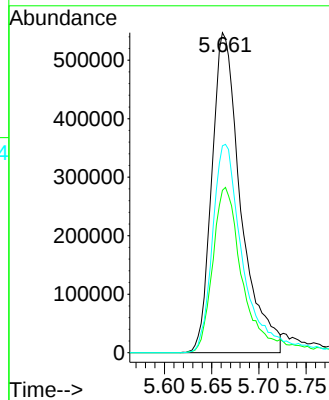
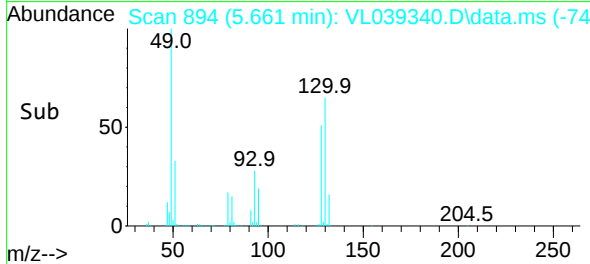
Instrument :
MSVOA_L
ClientSampleId :
SV-1-20220622DL



Tgt Ion: 49 Resp: 1163938
Ion Ratio Lower Upper
49 100
128 56.4 24.7 74.1
130 71.1 31.4 94.0

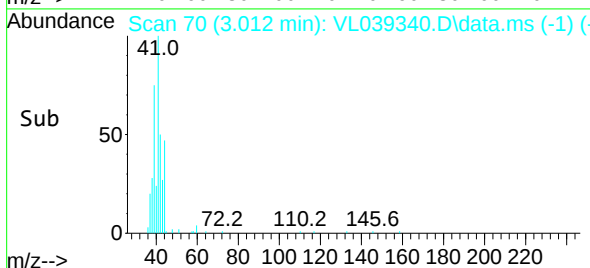
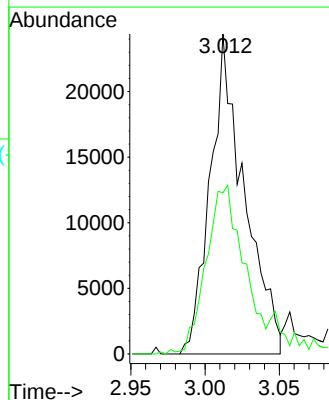
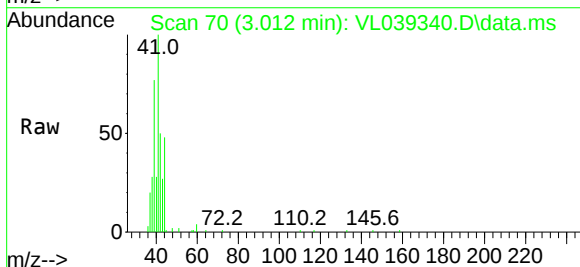
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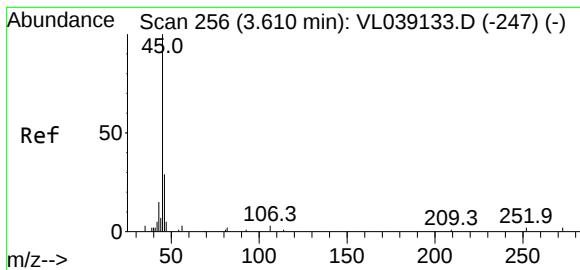
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#9
Propene
Concen: 0.603 ppbv
RT: 3.012 min Scan# 70
Delta R.T. -0.006 min
Lab File: VL039340.D
Acq: 24 Jun 2022 14:23

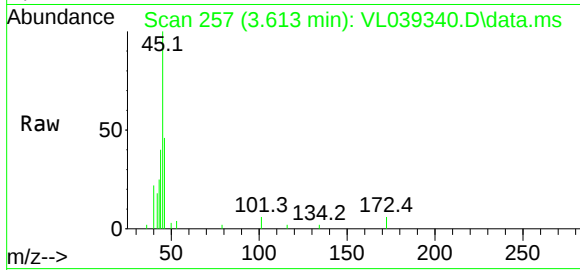
Tgt Ion: 41 Resp: 38944
Ion Ratio Lower Upper
41 100
42 67.9 55.4 83.2





#13
Ethanol
Concen: 4.128 ppbv m
RT: 3.613 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039340.D
Acq: 24 Jun 2022 14:23

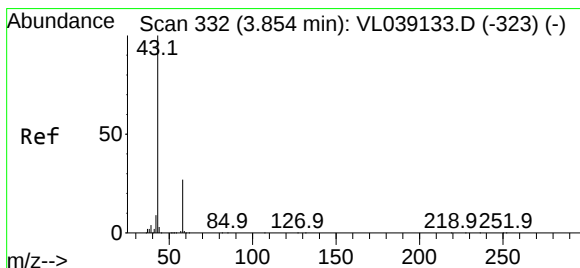
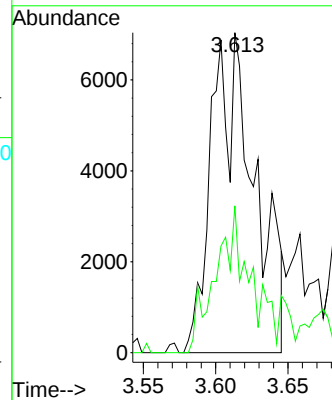
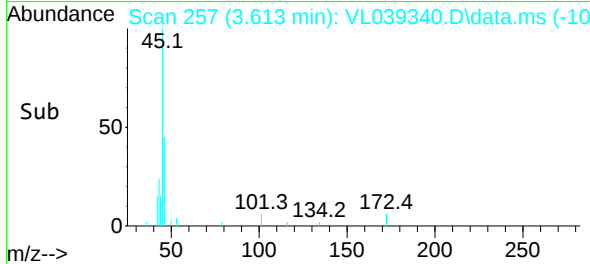
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Tgt Ion: 45 Resp: 14538
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

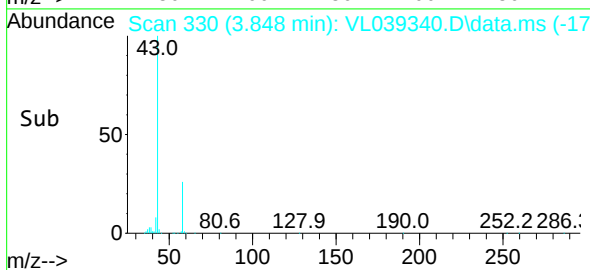
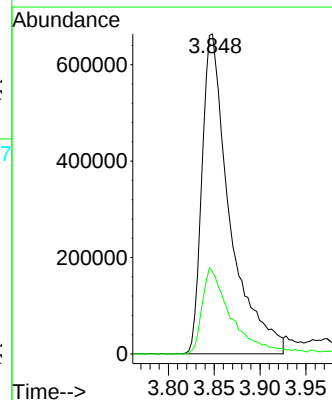
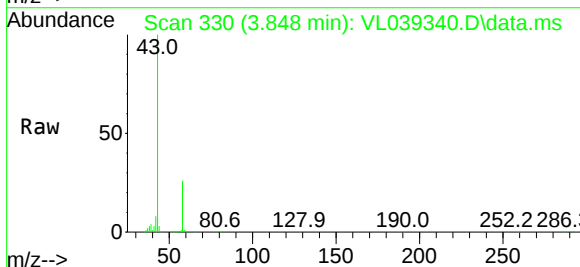
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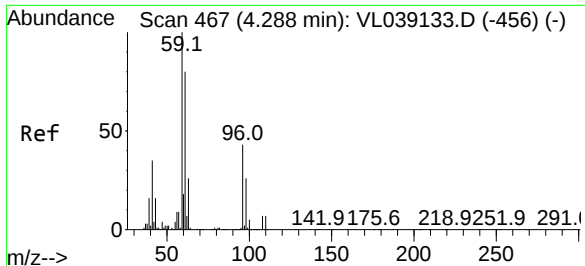
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#15
Acetone
Concen: 11.512 ppbv
RT: 3.848 min Scan# 330
Delta R.T. -0.006 min
Lab File: VL039340.D
Acq: 24 Jun 2022 14:23

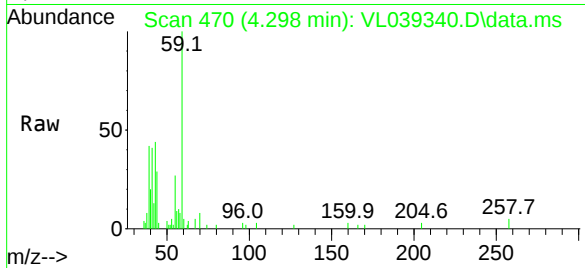
Tgt Ion: 43 Resp: 1395720
Ion Ratio Lower Upper
43 100
58 29.7 22.5 33.7





#17
tert-Butyl alcohol
Concen: 0.212 ppbv
RT: 4.298 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039340.D
Acq: 24 Jun 2022 14:23

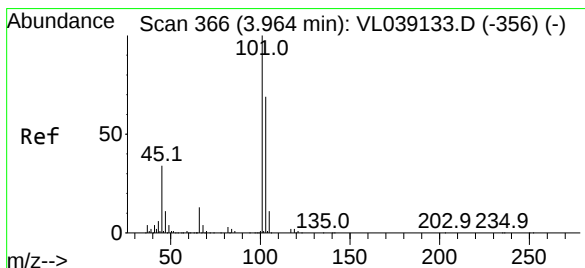
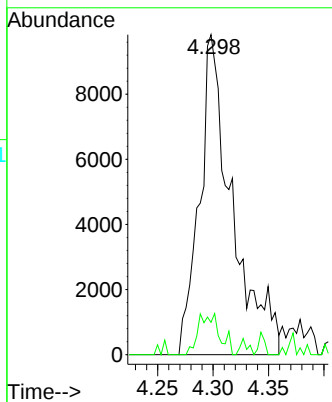
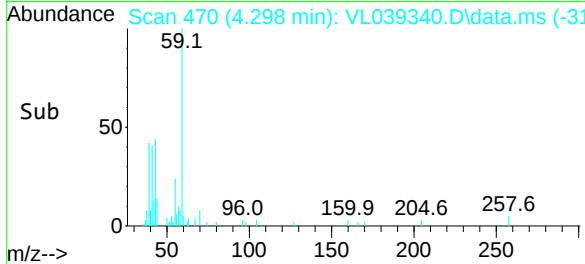
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SV-1-20220622DL



Tgt Ion: 59 Resp: 1996
Ion Ratio Lower Upper
59 100
57 10.7 9.1 13.7

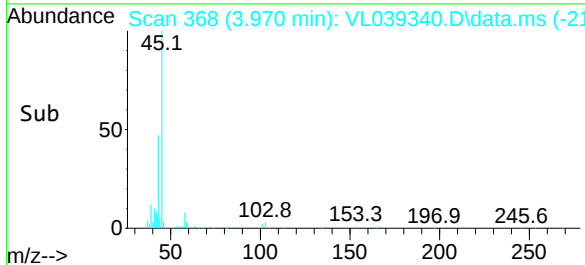
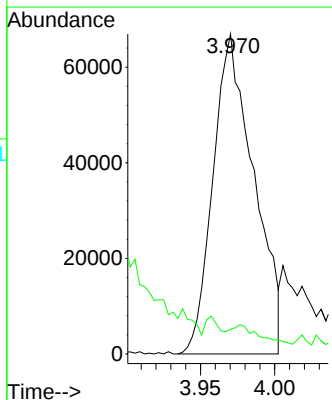
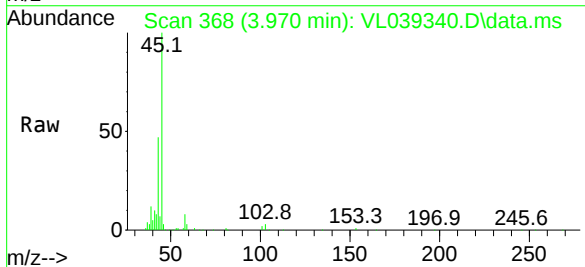
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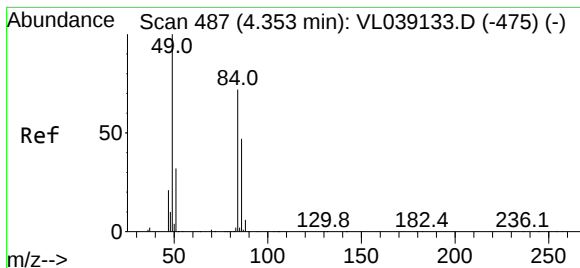
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#19
Isopropyl Alcohol
Concen: 2.252 ppbv
RT: 3.970 min Scan# 368
Delta R.T. 0.007 min
Lab File: VL039340.D
Acq: 24 Jun 2022 14:23

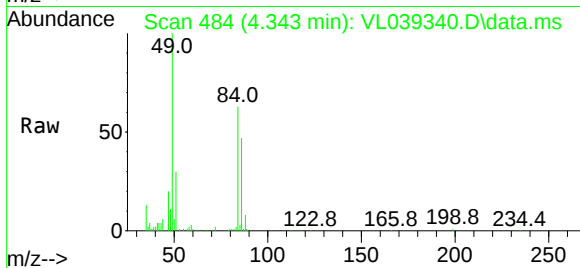
Tgt Ion: 45 Resp: 128056
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8#





#20
Methylene Chloride
Concen: 1.116 ppbv
RT: 4.343 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL039340.D
Acq: 24 Jun 2022 14:23

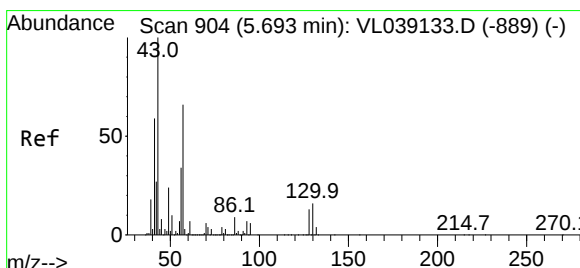
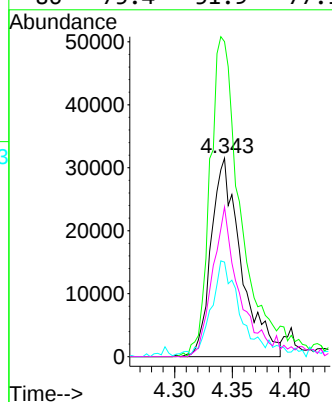
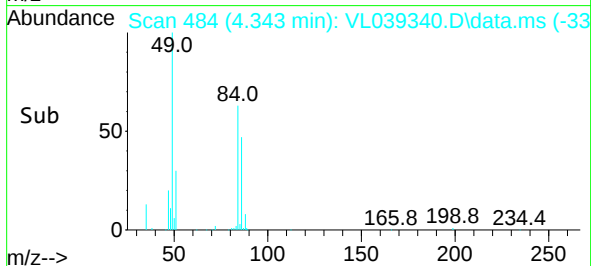
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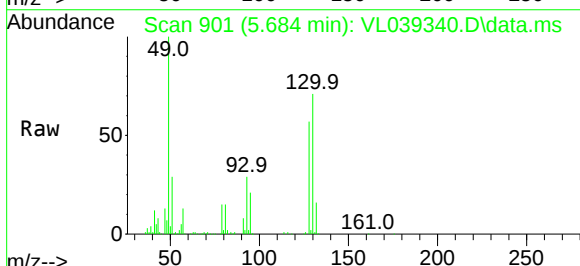
Tgt Ion: 84 Resp: 57024
Ion Ratio Lower Upper
84 100
49 158.1 111.1 166.7
51 45.5 35.3 52.9
86 75.4 51.9 77.9

Manual Integrations
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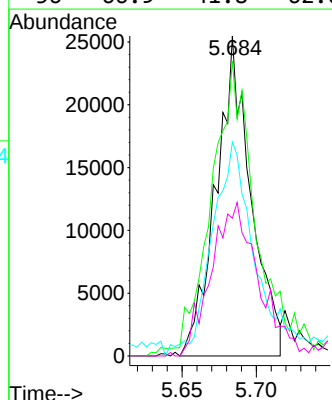
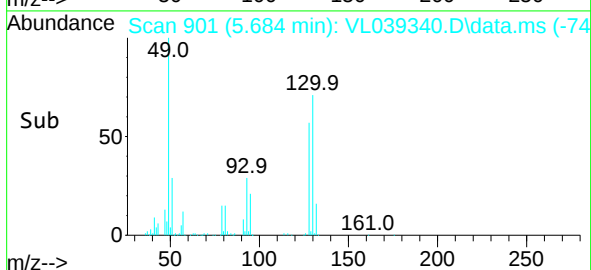
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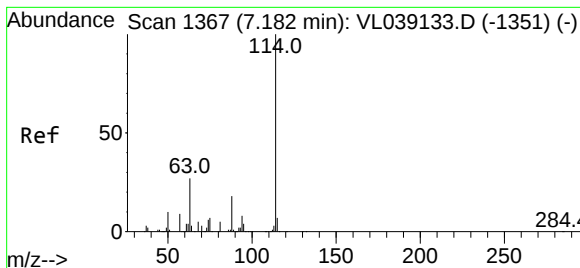


#26
Hexane
Concen: 0.346 ppbv
RT: 5.684 min Scan# 901
Delta R.T. -0.010 min
Lab File: VL039340.D
Acq: 24 Jun 2022 14:23



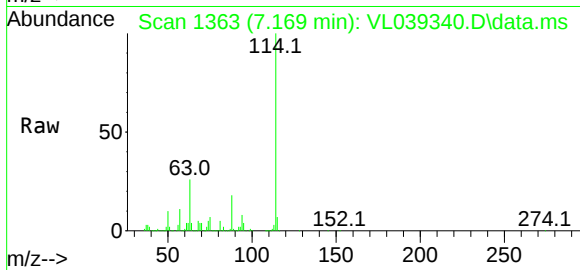
Tgt Ion: 57 Resp: 41534
Ion Ratio Lower Upper
57 100
41 122.1 72.4 108.6#
43 83.1 187.0 280.6#
56 66.9 41.8 62.6#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL039340.D
Acq: 24 Jun 2022 14:23

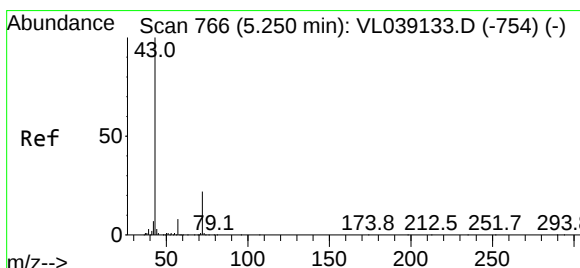
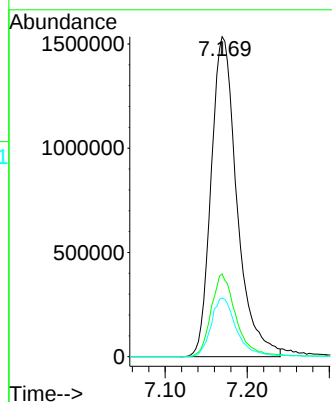
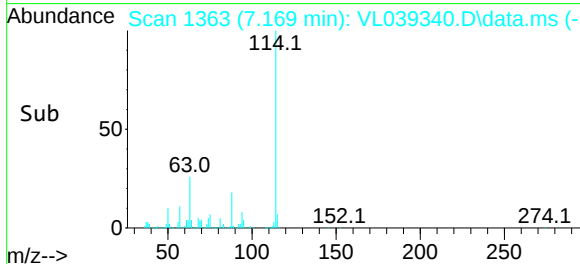
Instrument : MSVOA_L
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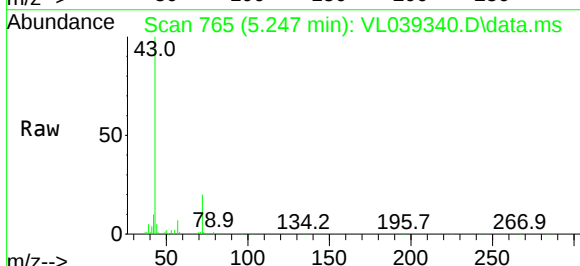
Tgt Ion:114 Resp: 3361912
Ion Ratio Lower Upper
114 100
63 25.4 21.7 32.5
88 18.3 14.8 22.2

Manual Integrations
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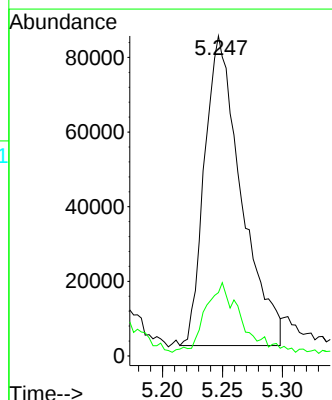
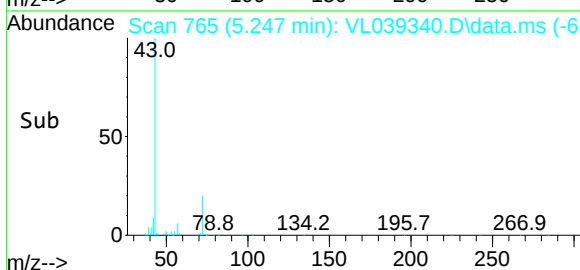
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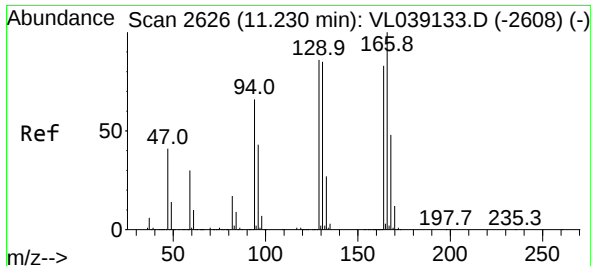


#34
2-Butanone
Concen: 0.967 ppbv
RT: 5.247 min Scan# 765
Delta R.T. -0.003 min
Lab File: VL039340.D
Acq: 24 Jun 2022 14:23



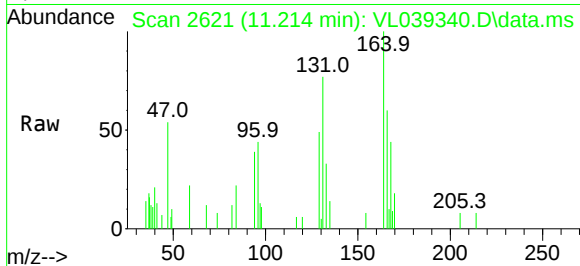
Tgt Ion: 43 Resp: 176659
Ion Ratio Lower Upper
43 100
72 27.4 18.2 27.2#





#52
Tetrachloroethene
Concen: 0.052 ppbv m
RT: 11.214 min Scan# 2621
Delta R.T. -0.016 min
Lab File: VL039340.D
Acq: 24 Jun 2022 14:23

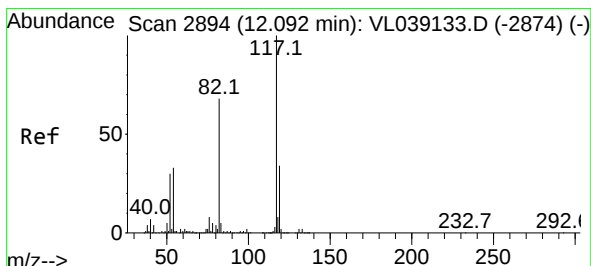
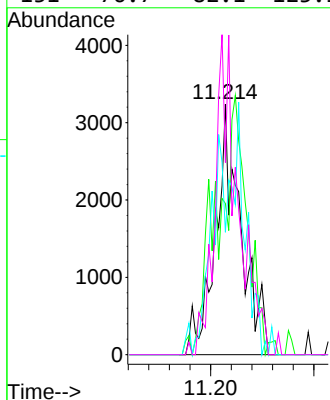
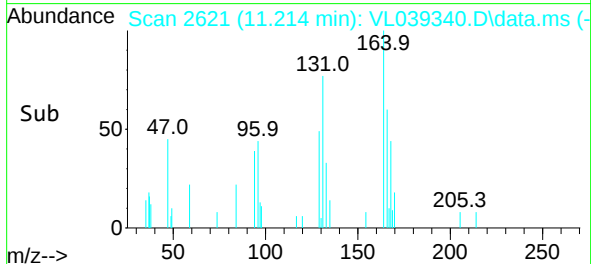
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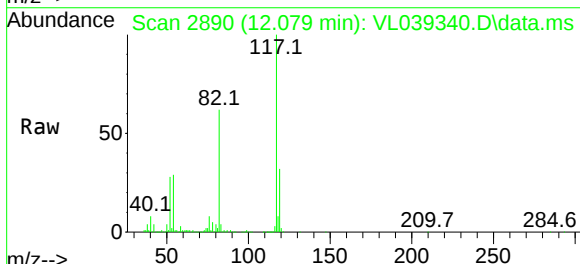
Tgt Ion:164 Resp: 5520
Ion Ratio Lower Upper
164 100
166 60.4 96.3 144.5
129 48.9 82.5 123.7
131 76.7 82.1 123.1

Manual Integrations
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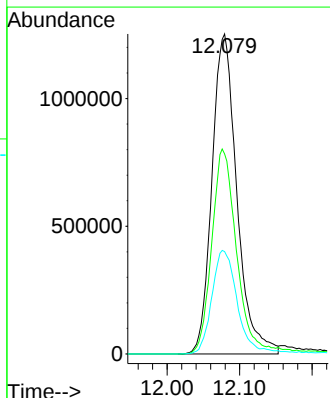
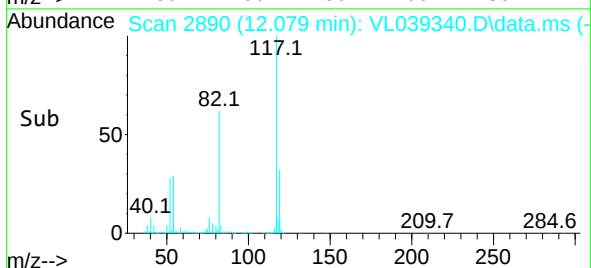
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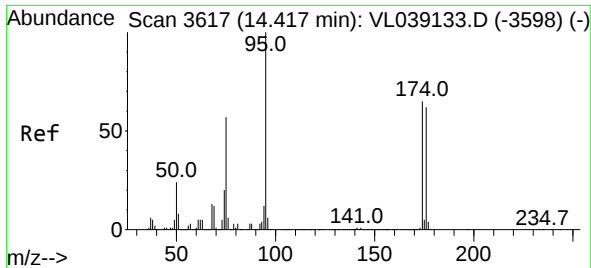


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. -0.013 min
Lab File: VL039340.D
Acq: 24 Jun 2022 14:23



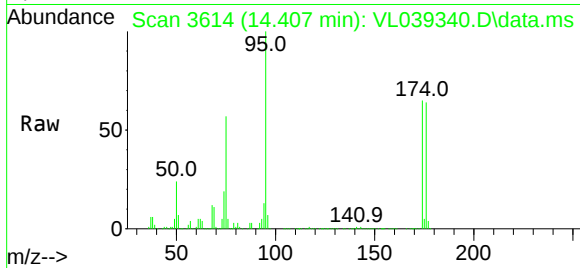
Tgt Ion:117 Resp: 2986611
Ion Ratio Lower Upper
117 100
82 65.5 55.1 82.7
119 34.3 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.013 ppbv
 RT: 14.407 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: VL039340.D
 Acq: 24 Jun 2022 14:23

Instrument :
 MSVOA_L
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Tgt Ion: 95 Resp: 222545
 Ion Ratio Lower Upper
 95 100
 174 71.4 53.8 80.8
 175 5.4 4.1 6.1

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