

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051122\
 Data File : VL039027.D
 Acq On : 11 May 2022 19:45
 Operator : SY/AP
 Sample : N2753-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 12 01:58:33 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LThu May 05 10:12:15 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	5.645	49	997899	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	2574958	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.060	117	2147134	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.384	95	1616964	9.509	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.100%
Target Compounds						
					Qvalue	
4) Chloromethane	3.134	50	11248m	0.181	ppbv	
9) Propene	3.015	41	14765m	0.273	ppbv	
13) Ethanol	3.594	45	46085	12.043	ppbv	98
15) Acetone	3.838	43	263056	2.795	ppbv	97
19) Isopropyl Alcohol	3.957	45	22582m	0.505	ppbv	
20) Methylene Chloride	4.333	84	159017	4.482	ppbv	94
26) Hexane	5.668	57	241239	2.410	ppbv #	39
34) 2-Butanone	5.237	43	16755m	0.128	ppbv	

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

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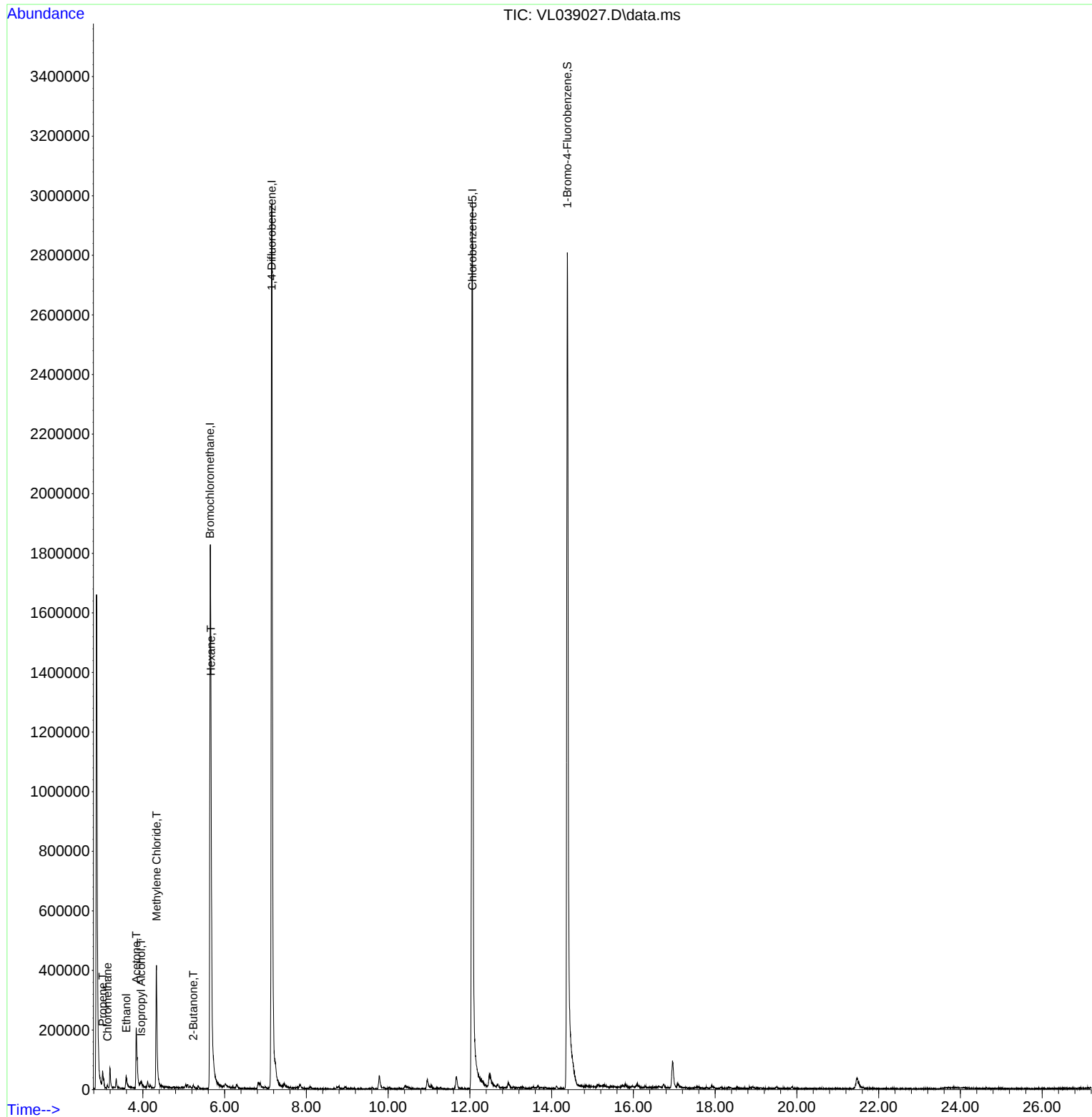
Quant Time: May 12 01:58:33 2022

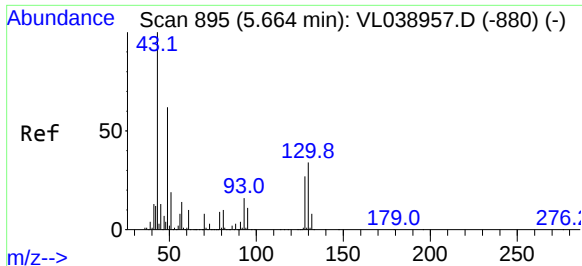
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May

QLast Update : Thu May 05 10:12:15 2022

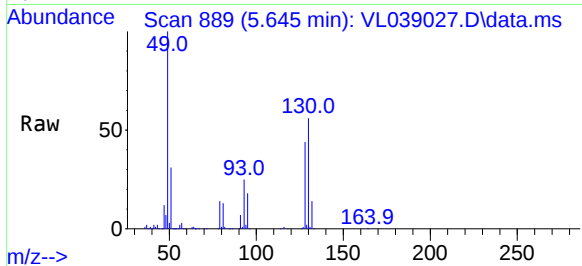
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.645 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL039027.D
Acq: 11 May 2022 19:45

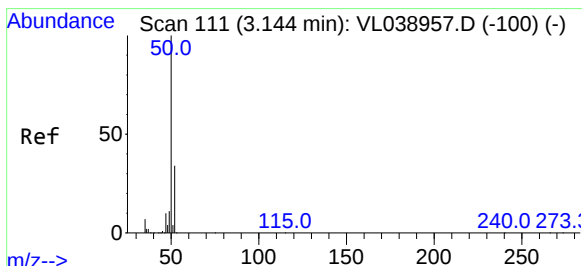
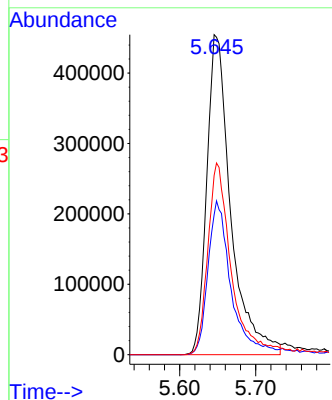
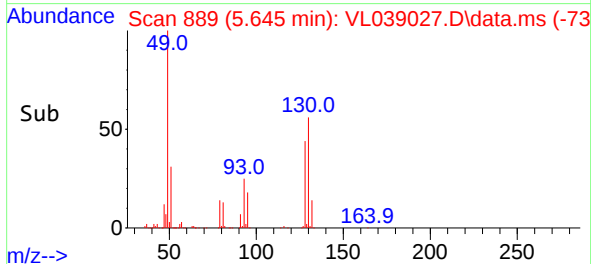
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



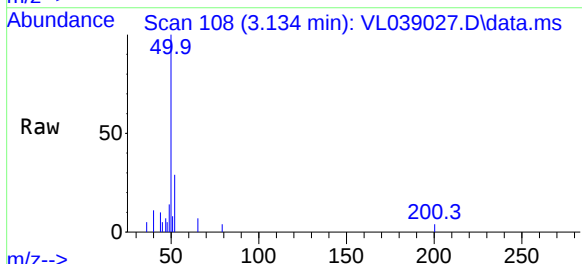
Tgt Ion: 49 Resp: 997899
Ion Ratio Lower Upper
49 100
128 47.7 23.3 69.8
130 61.6 29.8 89.3

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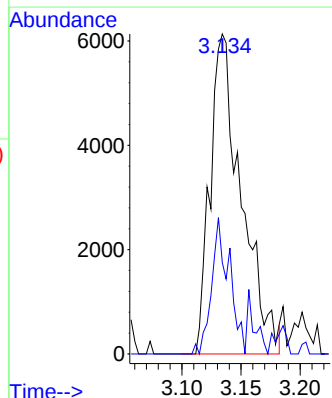
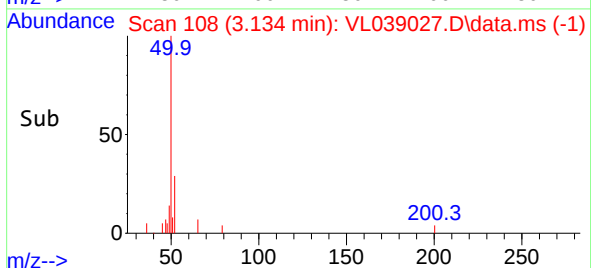
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

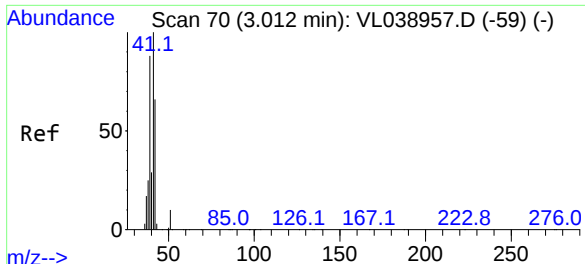


#4
Chloromethane
Concen: 0.181 ppbv m
RT: 3.134 min Scan# 108
Delta R.T. -0.010 min
Lab File: VL039027.D
Acq: 11 May 2022 19:45



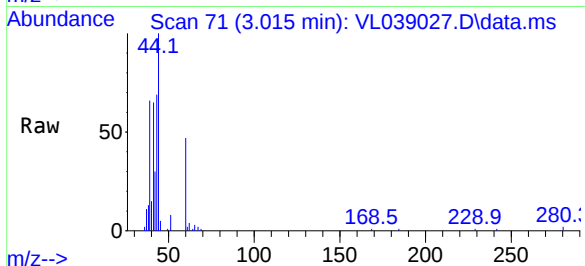
Tgt Ion: 50 Resp: 11248
Ion Ratio Lower Upper
50 100
52 28.6 27.3 40.9





#9
Propene
Concen: 0.273 ppbv m
RT: 3.015 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL039027.D
Acq: 11 May 2022 19:45

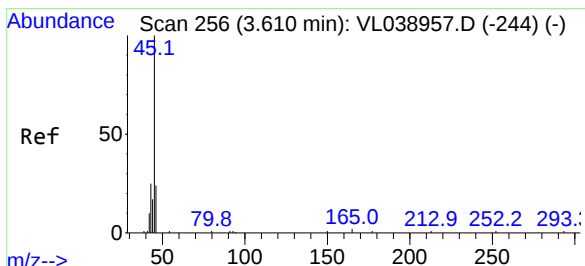
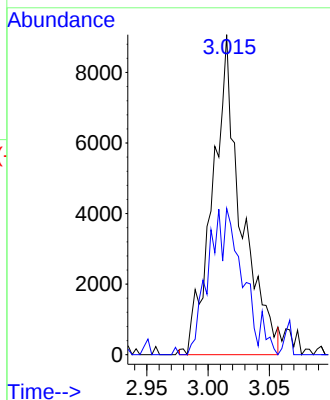
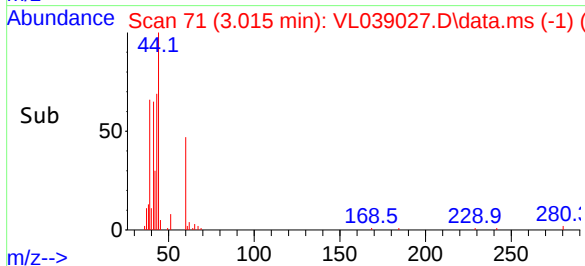
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



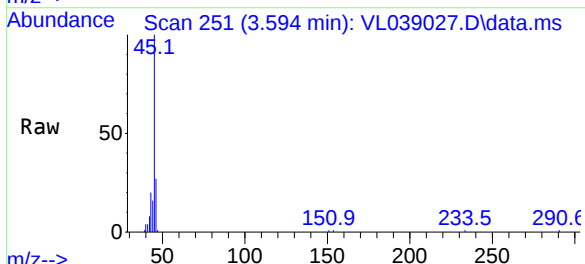
Tgt Ion: 41 Resp: 1476
Ion Ratio Lower Upper
41 100
42 57.7 58.3 87.5

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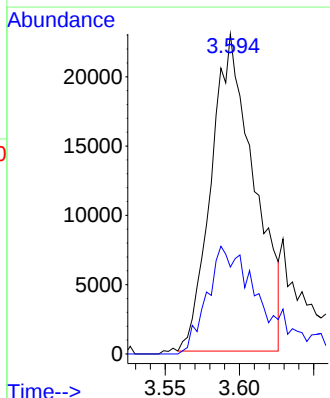
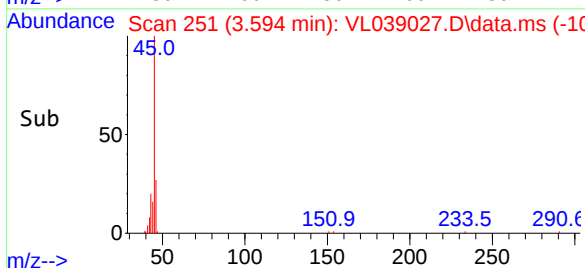
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

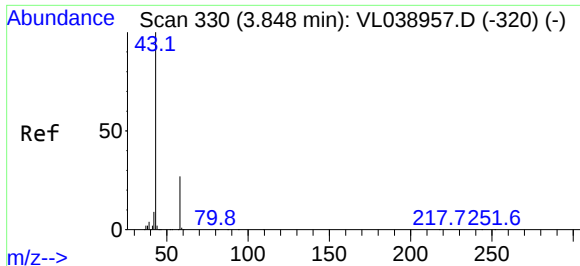


#13
Ethanol
Concen: 12.043 ppbv
RT: 3.594 min Scan# 251
Delta R.T. -0.016 min
Lab File: VL039027.D
Acq: 11 May 2022 19:45



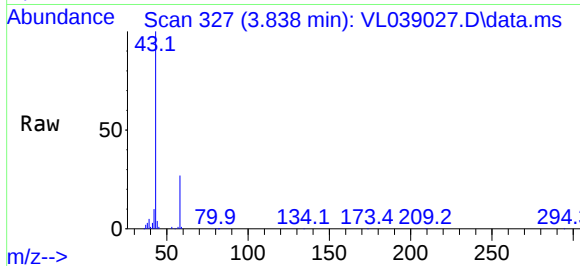
Tgt Ion: 45 Resp: 46085
Ion Ratio Lower Upper
45 100
46 43.5 18.0 72.2





#15
Acetone
Concen: 2.795 ppbv
RT: 3.838 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL039027.D
Acq: 11 May 2022 19:45

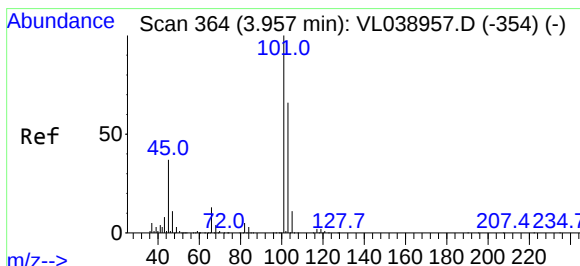
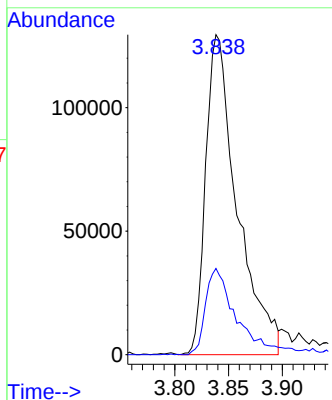
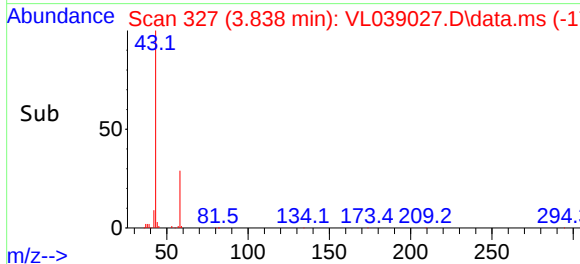
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



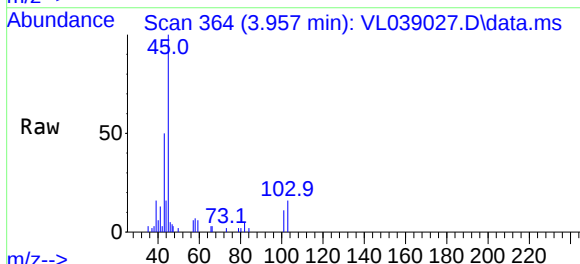
Tgt Ion: 43 Resp: 26305
Ion Ratio Lower Upper
43 100
58 27.9 21.3 31.9

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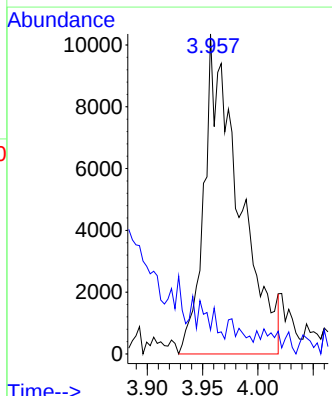
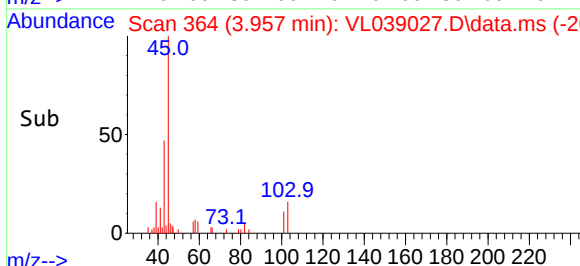
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

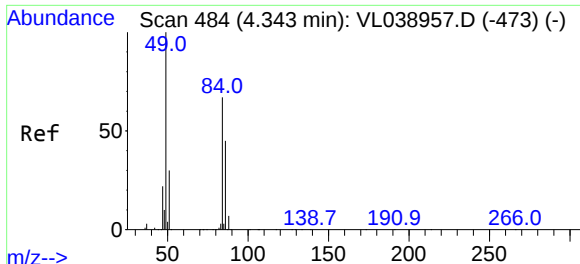


#19
Isopropyl Alcohol
Concen: 0.505 ppbv m
RT: 3.957 min Scan# 364
Delta R.T. 0.000 min
Lab File: VL039027.D
Acq: 11 May 2022 19:45



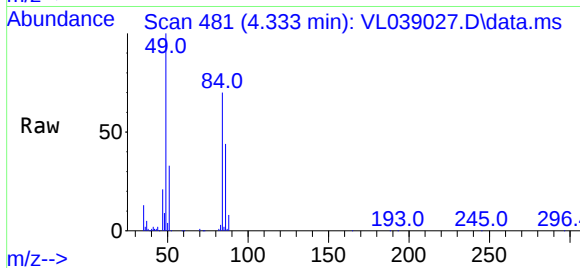
Tgt Ion: 45 Resp: 22582
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.2#





#20
Methylene Chloride
Concen: 4.482 ppbv
RT: 4.333 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL039027.D
Acq: 11 May 2022 19:45

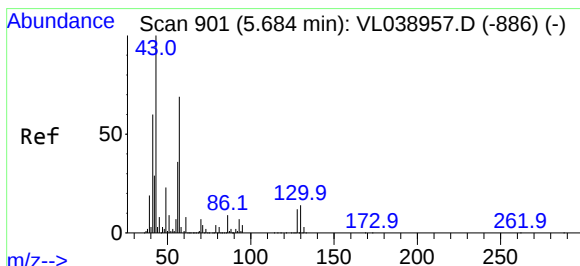
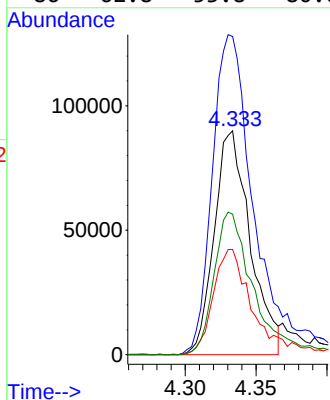
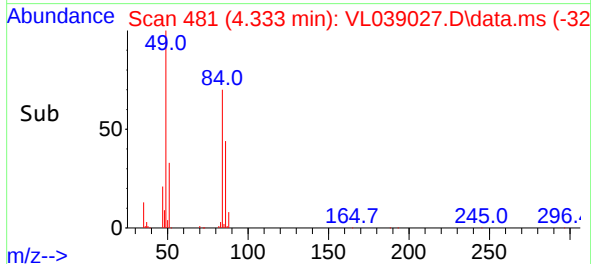
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



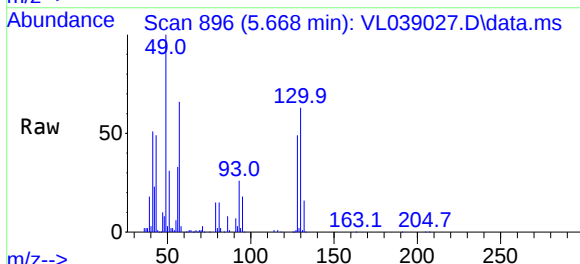
Tgt Ion: 84 Resp: 159017
Ion Ratio Lower Upper
84 100
49 142.1 119.9 179.9
51 47.0 35.7 53.5
86 62.8 53.8 80.6

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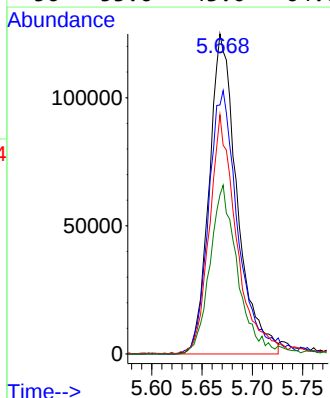
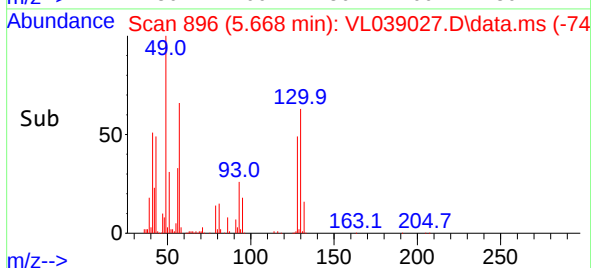
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

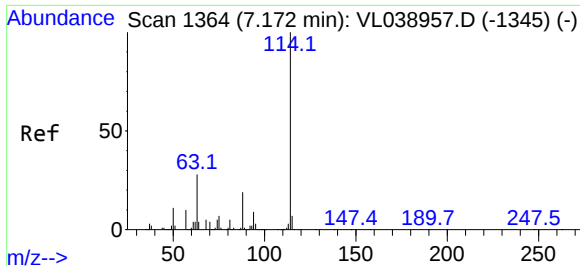


#26
Hexane
Concen: 2.410 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.016 min
Lab File: VL039027.D
Acq: 11 May 2022 19:45



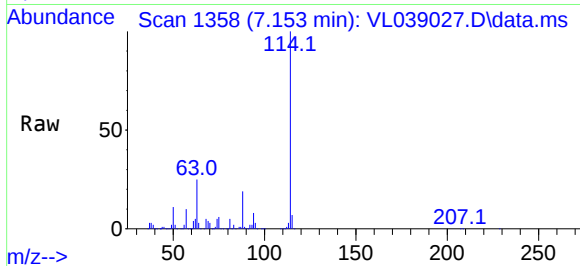
Tgt Ion: 57 Resp: 241239
Ion Ratio Lower Upper
57 100
41 88.6 75.2 112.8
43 74.5 190.8 286.2#
56 53.6 43.0 64.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 114
Delta R.T. -0.019 min
Lab File: VL039027.D
Acq: 11 May 2022 19:45

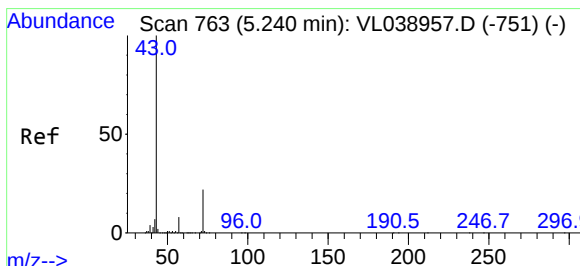
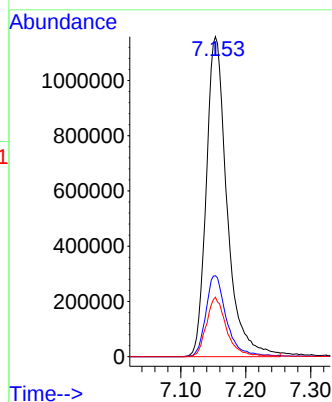
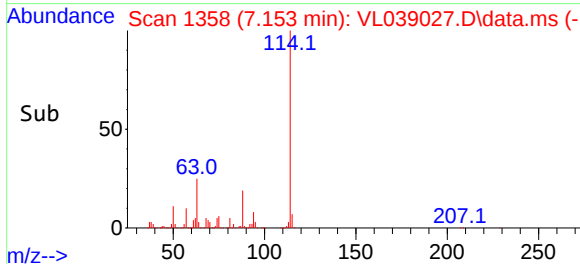
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



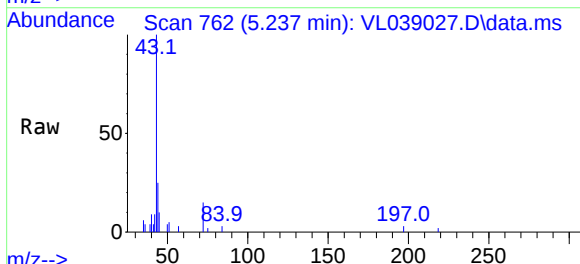
Tgt Ion:114 Resp: 2574958
Ion Ratio Lower Upper
114 100
63 25.6 22.6 33.8
88 18.3 15.4 23.0

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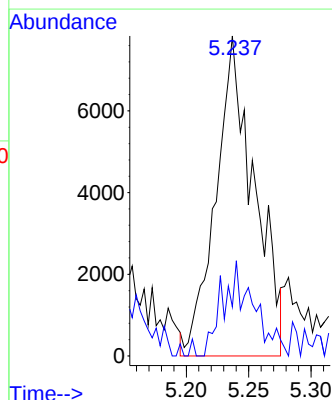
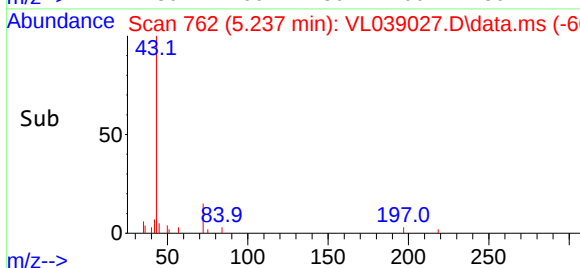
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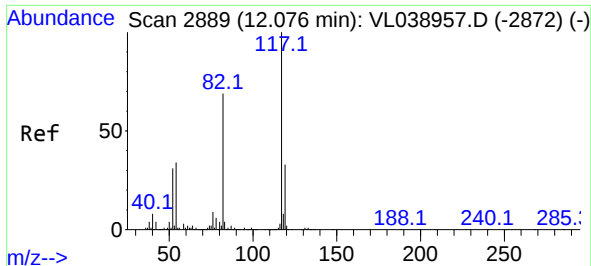


#34
2-Butanone
Concen: 0.128 ppbv m
RT: 5.237 min Scan# 762
Delta R.T. -0.003 min
Lab File: VL039027.D
Acq: 11 May 2022 19:45



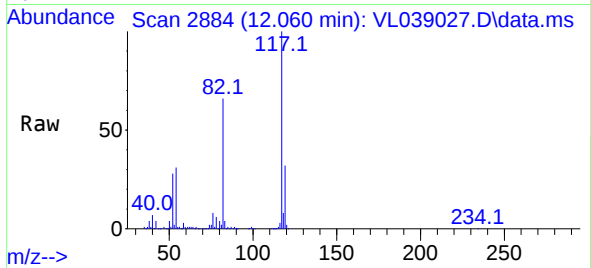
Tgt Ion: 43 Resp: 16755
Ion Ratio Lower Upper
43 100
72 23.5 17.8 26.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.060 min Scan# 2147134
Delta R.T. -0.016 min
Lab File: VL039027.D
Acq: 11 May 2022 19:45

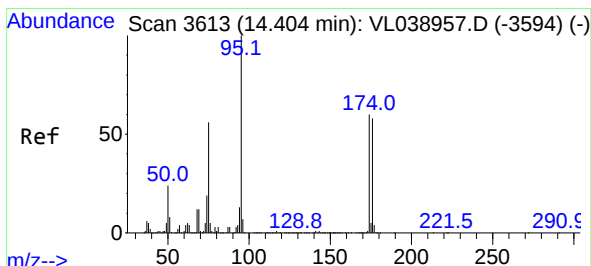
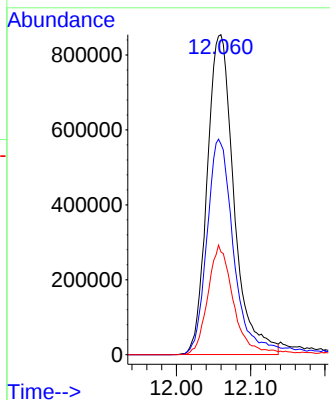
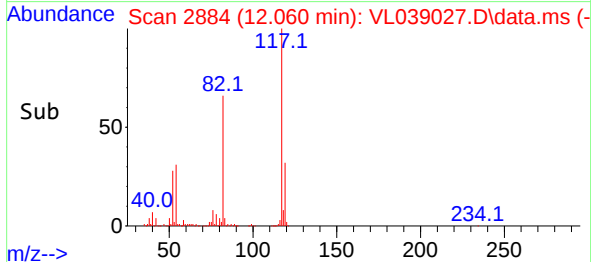
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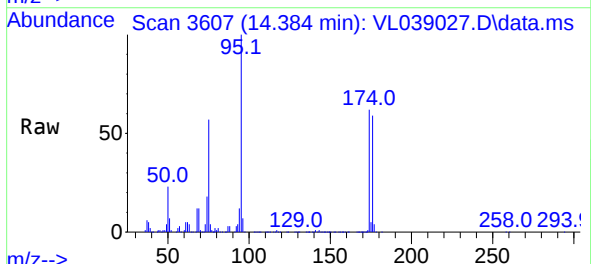
Tgt Ion: 117 Resp: 2147134
Ion Ratio Lower Upper
117 100
82 70.1 57.0 85.6
119 34.1 27.2 40.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.509 ppbv
RT: 14.384 min Scan# 3607
Delta R.T. -0.019 min
Lab File: VL039027.D
Acq: 11 May 2022 19:45



Tgt Ion: 95 Resp: 1616964
Ion Ratio Lower Upper
95 100
174 68.0 50.8 76.2
175 4.8 3.8 5.6

