

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
 Data File : VL039349.D
 Acq On : 24 Jun 2022 20:24
 Operator : SY/AP
 Sample : N3453-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 01:53:01 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	5.661	49	1125146	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.172	114	3181257	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	2876410	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2027634	8.527	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.300%
Target Compounds						
					Qvalue	
9) Propene	3.031	41	13323m	0.213	ppbv	
13) Ethanol	3.610	45	130111m	38.219	ppbv	
15) Acetone	3.854	43	63646	0.543	ppbv	98
20) Methylene Chloride	4.343	84	51030	1.033	ppbv	97
26) Hexane	5.680	57	39326m	0.339	ppbv	

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

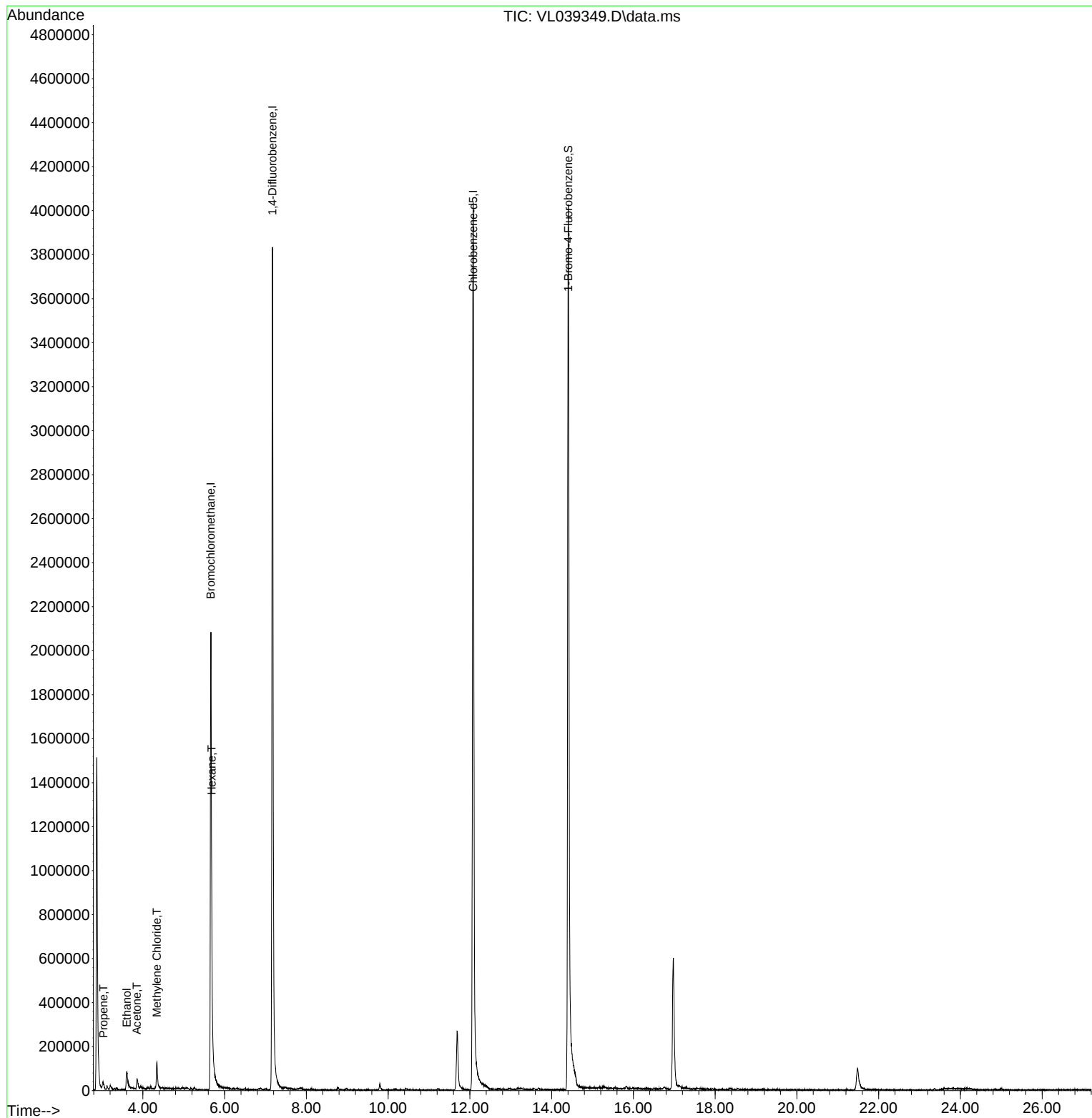
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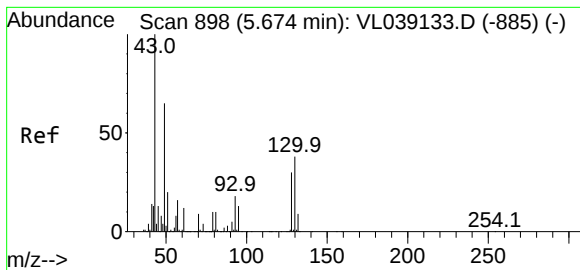
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

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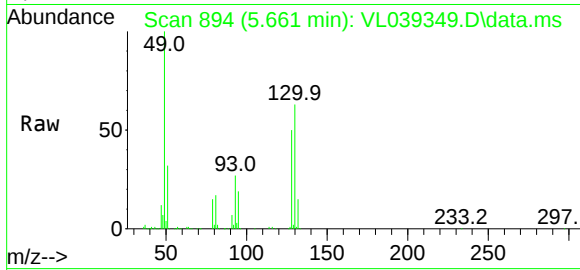
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.013 min
Lab File: VL039349.D
Acq: 24 Jun 2022 20:24

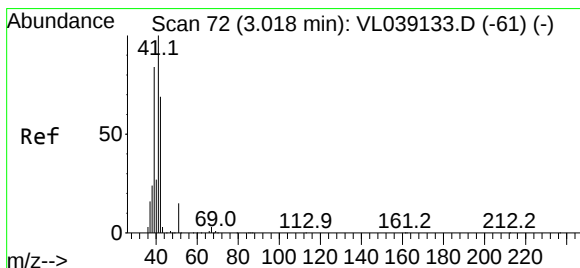
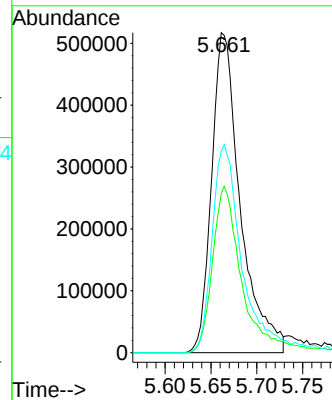
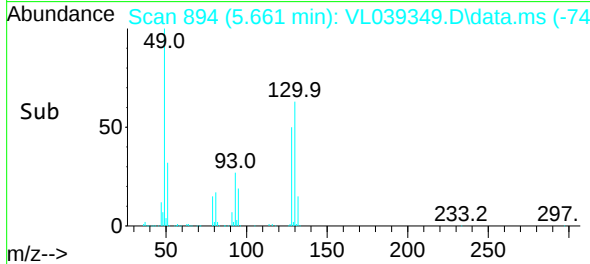
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 49 Resp: 112514
Ion Ratio Lower Upper
49 100
128 54.7 24.7 74.1
130 71.8 31.4 94.0

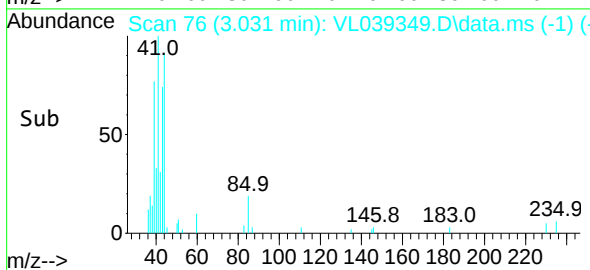
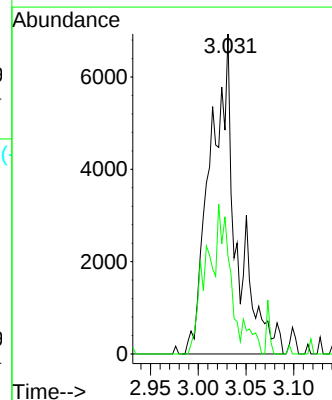
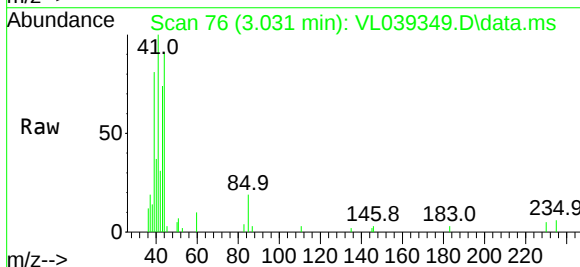
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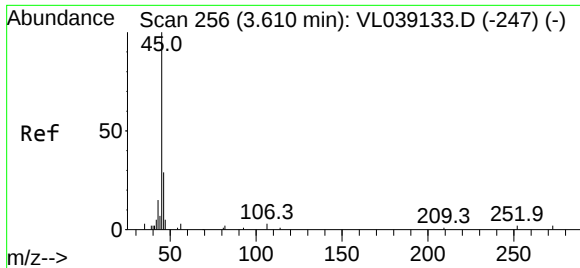
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#9
Propene
Concen: 0.213 ppbv m
RT: 3.031 min Scan# 76
Delta R.T. 0.013 min
Lab File: VL039349.D
Acq: 24 Jun 2022 20:24

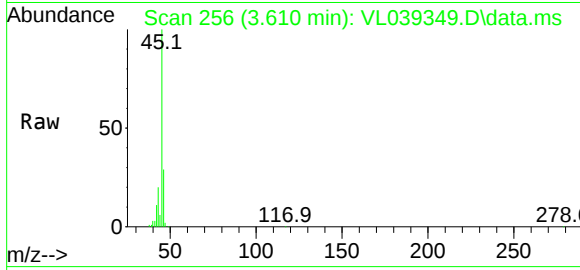
Tgt Ion: 41 Resp: 13323
Ion Ratio Lower Upper
41 100
42 45.8 55.4 83.2#





#13
Ethanol
Concen: 38.219 ppbv m
RT: 3.610 min Scan# 211
Delta R.T. -0.000 min
Lab File: VL039349.D
Acq: 24 Jun 2022 20:24

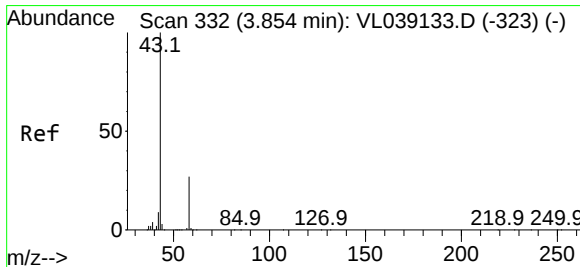
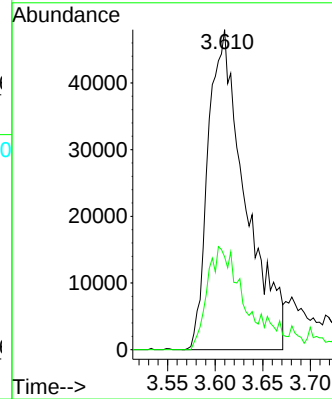
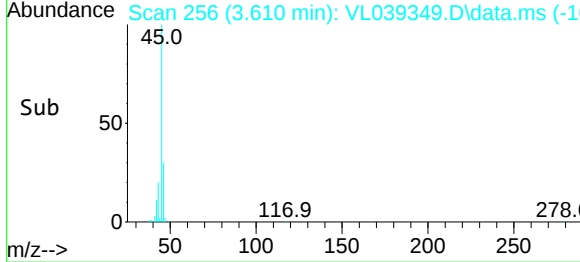
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 45 Resp: 13011
Ion Ratio Lower Upper
45 100
46 33.0 0.0 0.0

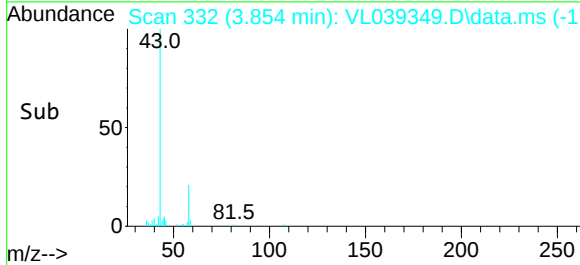
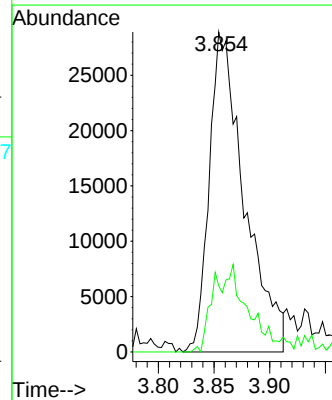
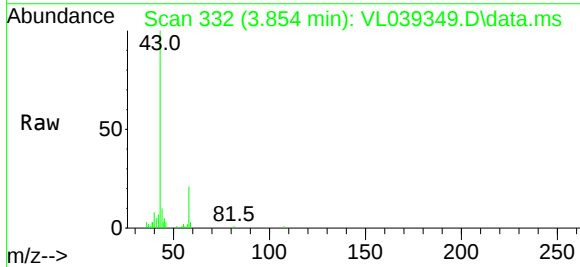
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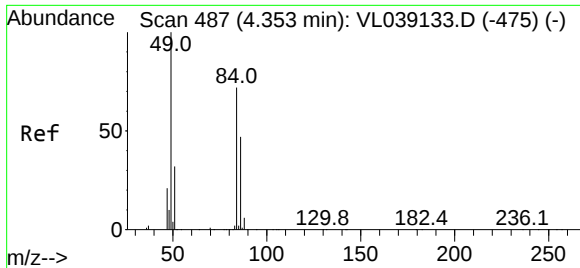
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#15
Acetone
Concen: 0.543 ppbv
RT: 3.854 min Scan# 332
Delta R.T. -0.000 min
Lab File: VL039349.D
Acq: 24 Jun 2022 20:24

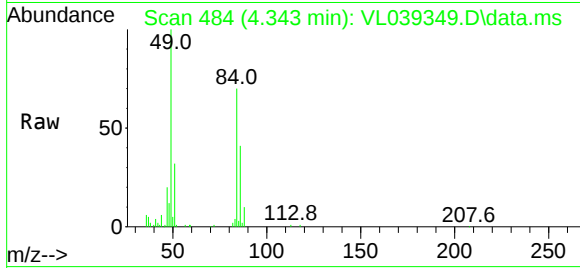
Tgt Ion: 43 Resp: 63646
Ion Ratio Lower Upper
43 100
58 26.9 22.5 33.7





#20
Methylene Chloride
Concen: 1.033 ppbv
RT: 4.343 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL039349.D
Acq: 24 Jun 2022 20:24

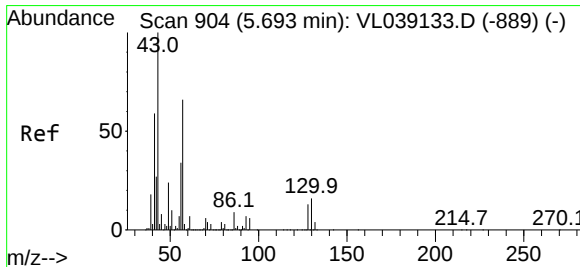
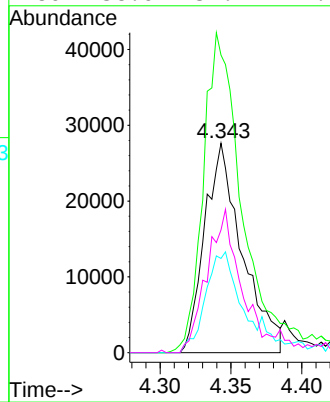
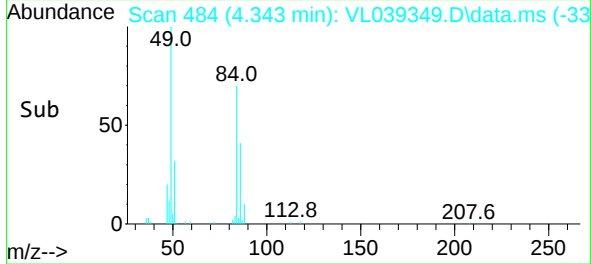
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 84	Resp: 51030
Ion Ratio	Lower Upper
84 100	
49 138.4	111.1 166.7
51 45.0	35.3 52.9
86 58.6	51.9 77.9

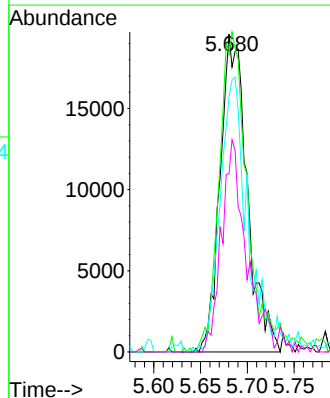
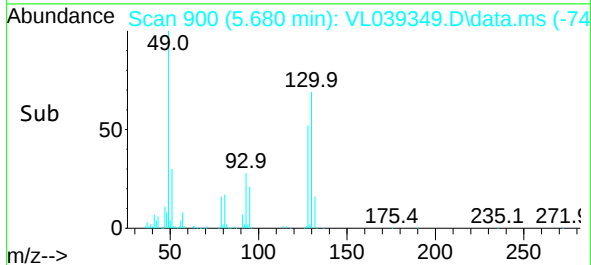
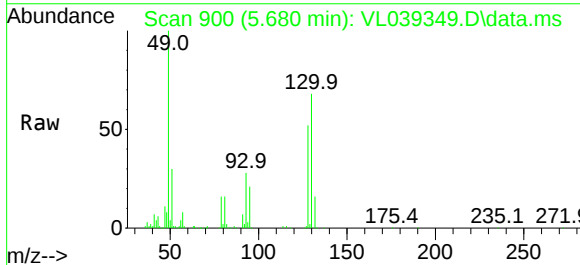
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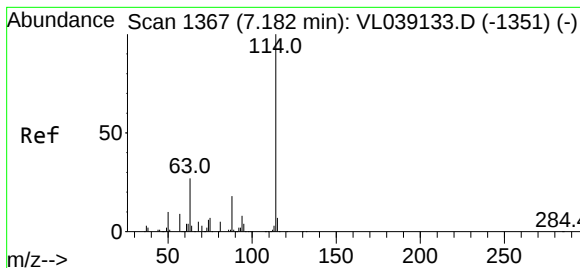
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#26
Hexane
Concen: 0.339 ppbv m
RT: 5.680 min Scan# 900
Delta R.T. -0.013 min
Lab File: VL039349.D
Acq: 24 Jun 2022 20:24

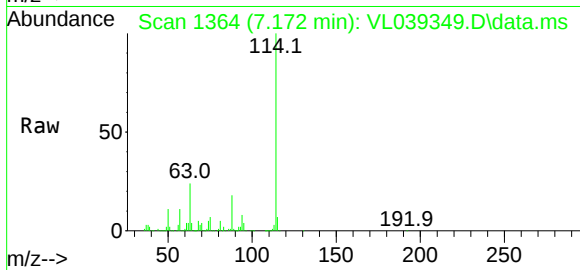
Tgt Ion: 57	Resp: 39326
Ion Ratio	Lower Upper
57 100	
41 0.0	72.4 108.6#
43 0.0	187.0 280.6#
56 0.0	41.8 62.6#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL039349.D
Acq: 24 Jun 2022 20:24

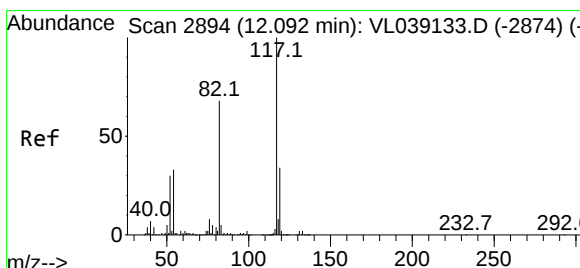
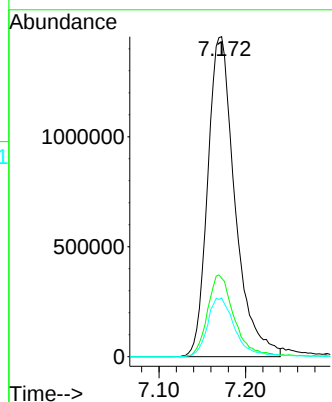
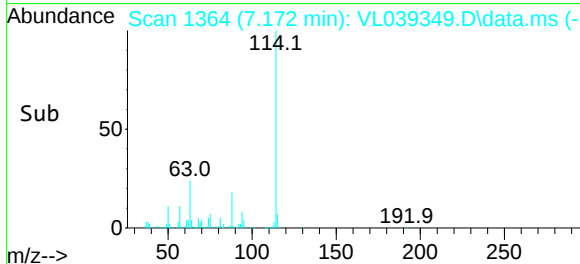
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion:114 Resp: 318125
Ion Ratio Lower Upper
114 100
63 25.4 21.7 32.5
88 18.7 14.8 22.2

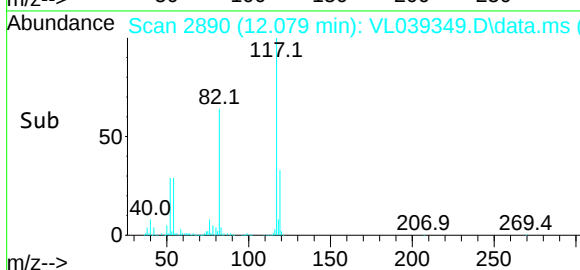
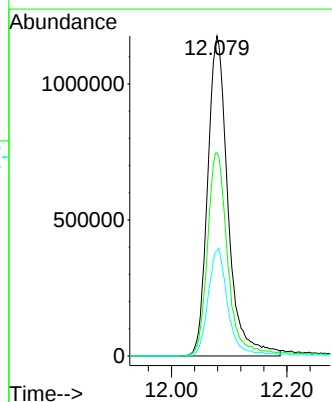
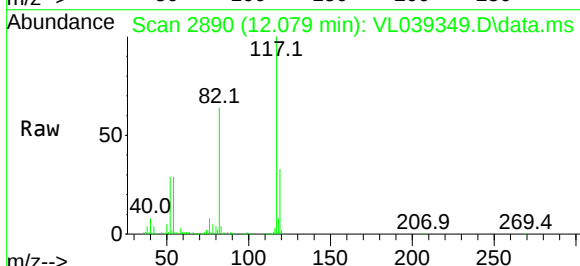
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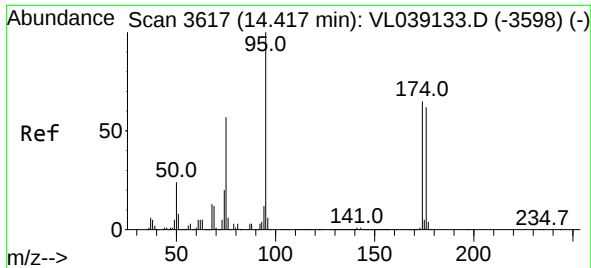
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. -0.013 min
Lab File: VL039349.D
Acq: 24 Jun 2022 20:24

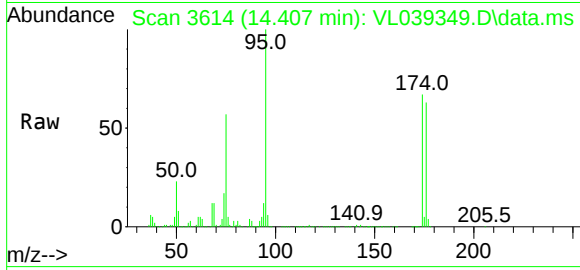
Tgt Ion:117 Resp: 2876410
Ion Ratio Lower Upper
117 100
82 64.3 55.1 82.7
119 33.6 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.527 ppbv
 RT: 14.407 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: VL039349.D
 Acq: 24 Jun 2022 20:24

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL



Tgt Ion: 95 Resp: 2027634

Ion	Ratio	Lower	Upper
95	100		
174	74.5	53.8	80.8
175	5.3	4.1	6.1

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