

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
 Data File : VL039355.D
 Acq On : 25 Jun 2022 00:29
 Operator : SY/AP
 Sample : N3453-08DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 01:54:22 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	1081740	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.169	114	3129475	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.076	117	2679709	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1987978	8.973	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.700%
Target Compounds						
					Qvalue	
9) Propene	3.021	41	13411m	0.223	ppbv	
13) Ethanol	3.603	45	97533m	29.799	ppbv	
15) Acetone	3.851	43	247523	2.197	ppbv	96
19) Isopropyl Alcohol	3.970	45	81528m	1.543	ppbv	
20) Methylene Chloride	4.337	84	21201m	0.446	ppbv	
26) Hexane	5.684	57	13790	0.124	ppbv #	47

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

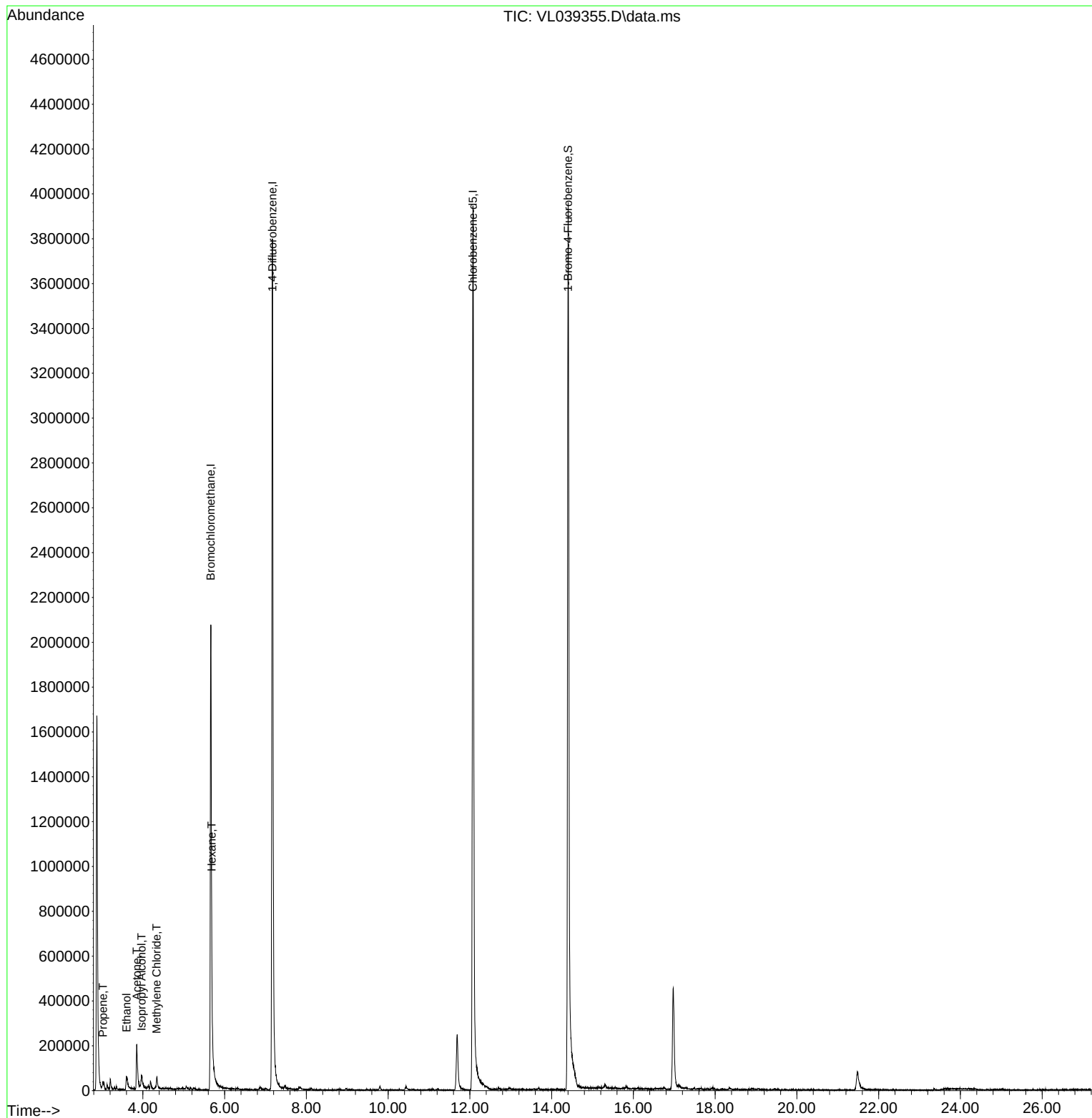
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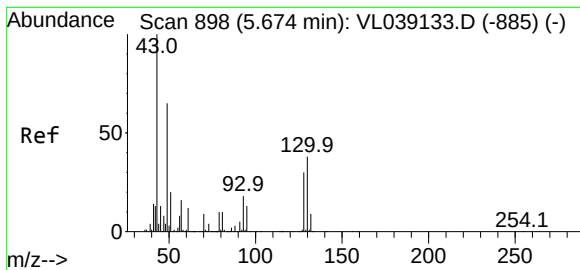
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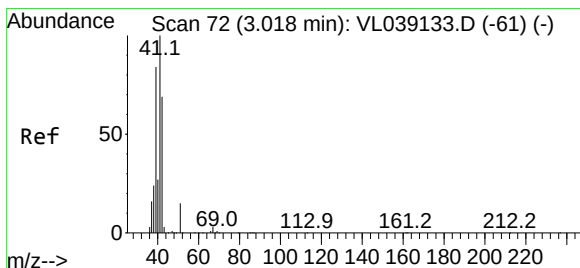
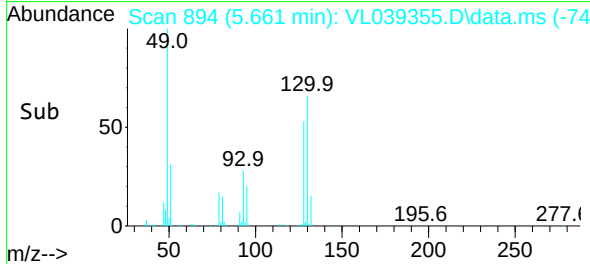
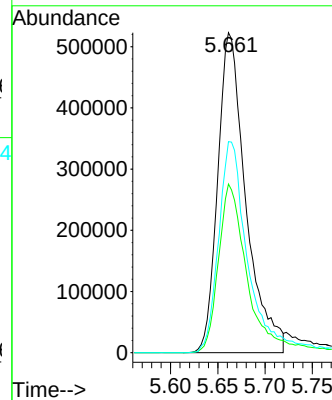
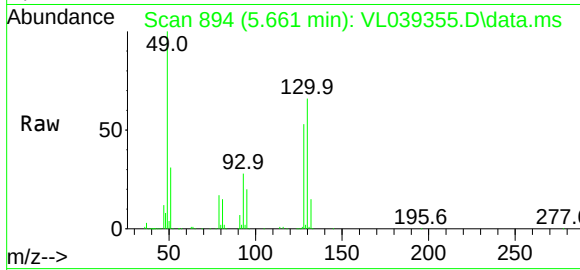
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 898
Delta R.T. -0.013 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

Instrument : MSVOA_L
ClientSampleId : IA-2DL

Tgt Ion: 49 Resp: 1081740
Ion Ratio Lower Upper
49 100
128 56.0 24.7 74.1
130 71.6 31.4 94.0

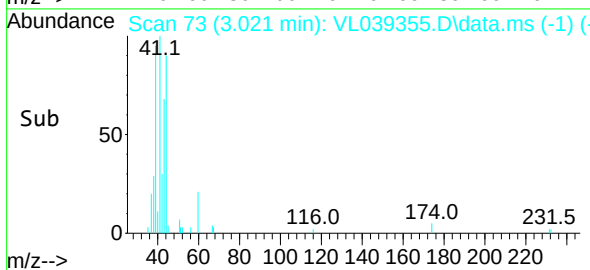
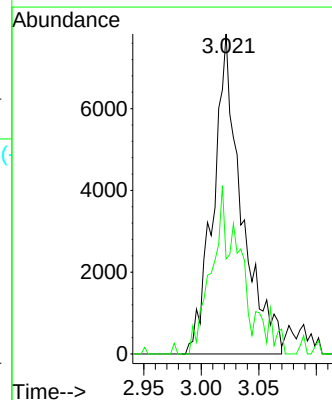
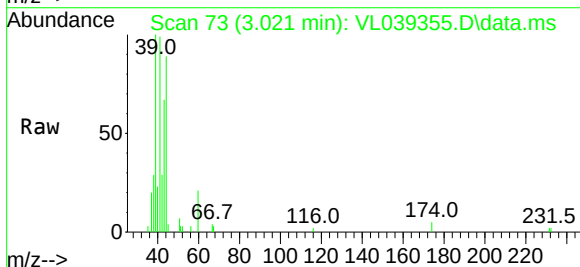
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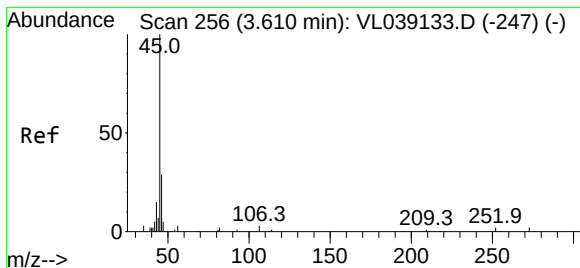
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#9
Propene
Concen: 0.223 ppbv m
RT: 3.021 min Scan# 73
Delta R.T. 0.003 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

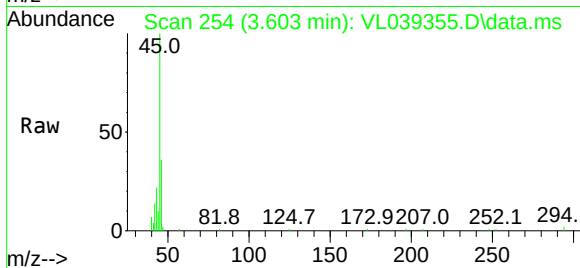
Tgt Ion: 41 Resp: 13411
Ion Ratio Lower Upper
41 100
42 57.6 55.4 83.2





#13
Ethanol
Concen: 29.799 ppbv m
RT: 3.603 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

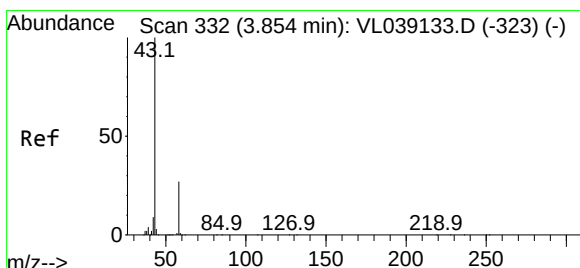
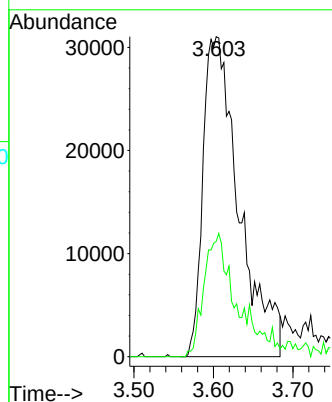
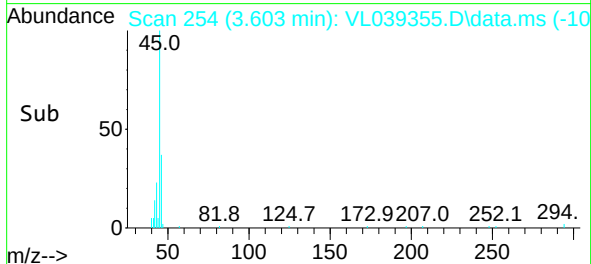
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL



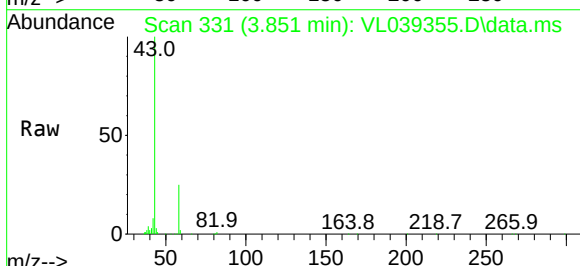
Tgt Ion: 45 Resp: 9753
Ion Ratio Lower Upper
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46 36.9 0.0 0.0

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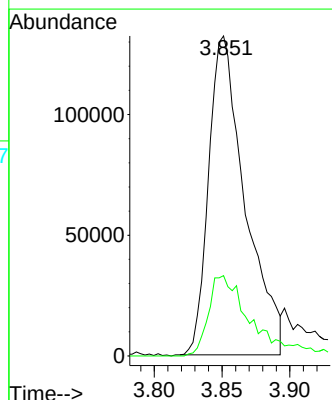
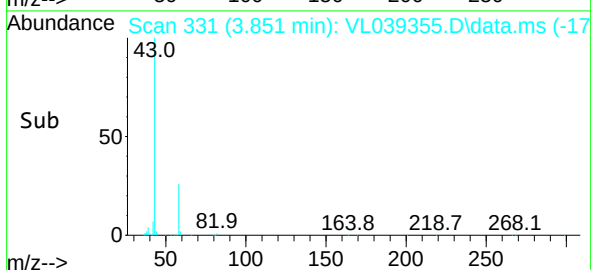
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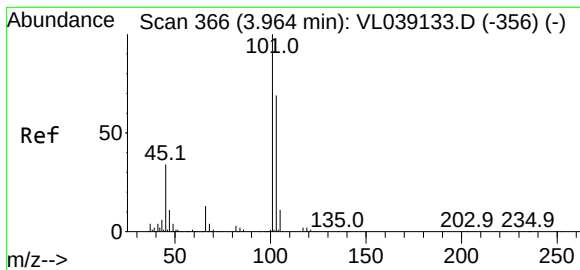


#15
Acetone
Concen: 2.197 ppbv
RT: 3.851 min Scan# 331
Delta R.T. -0.003 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29



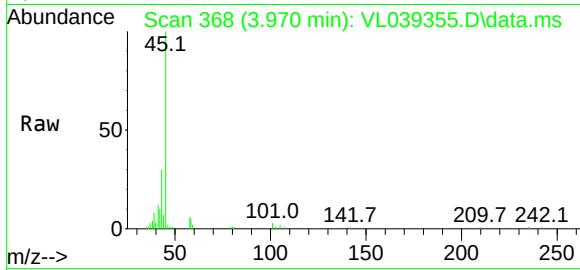
Tgt Ion: 43 Resp: 247523
Ion Ratio Lower Upper
43 100
58 30.2 22.5 33.7





#19
Isopropyl Alcohol
Concen: 1.543 ppbv m
RT: 3.970 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

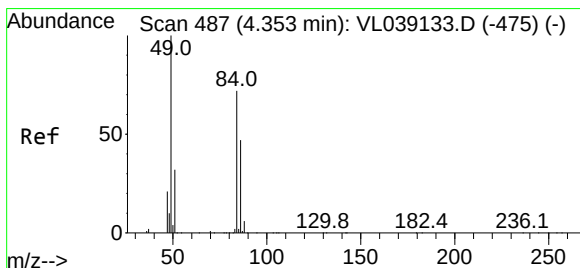
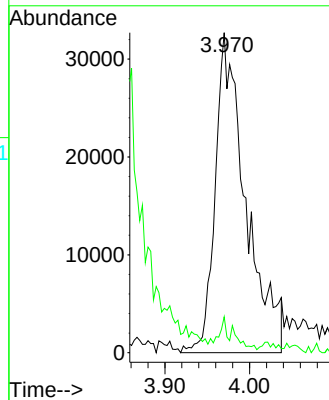
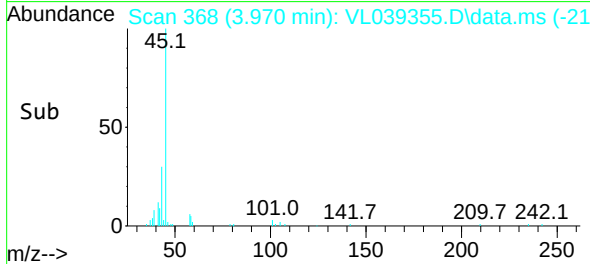
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL



Tgt Ion: 45 Resp: 81528
Ion Ratio Lower Upper
45 100
58 6.5 1.8 2.8

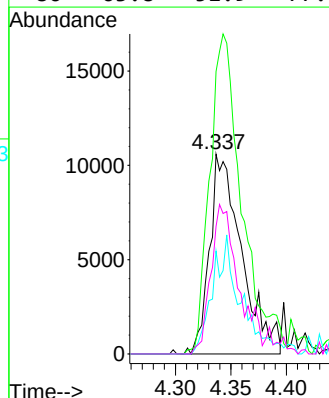
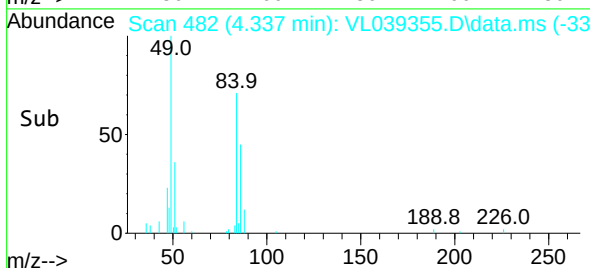
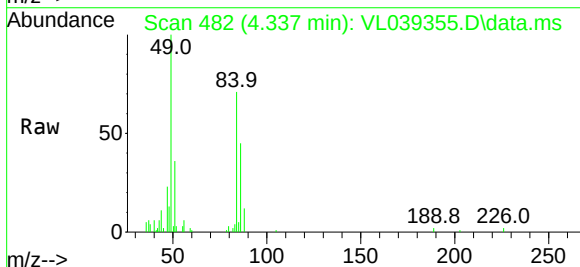
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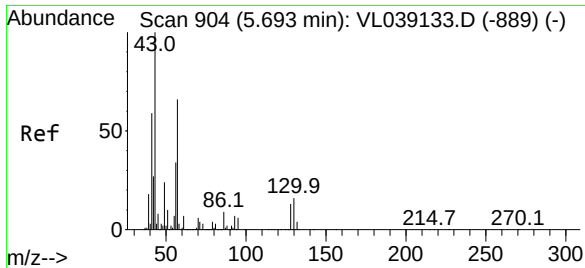
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Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 0.446 ppbv m
RT: 4.337 min Scan# 482
Delta R.T. -0.016 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

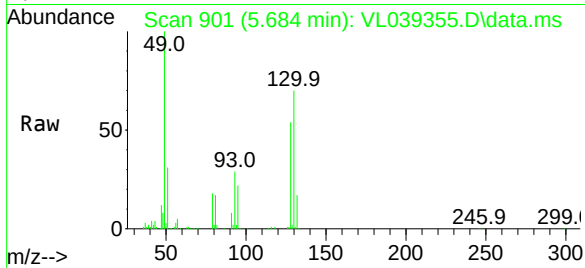
Tgt Ion: 84 Resp: 21201
Ion Ratio Lower Upper
84 100
49 141.4 111.1 166.7
51 51.5 35.3 52.9
86 63.8 51.9 77.9





#26
Hexane
Concen: 0.124 ppbv
RT: 5.684 min Scan# 904
Delta R.T. -0.010 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

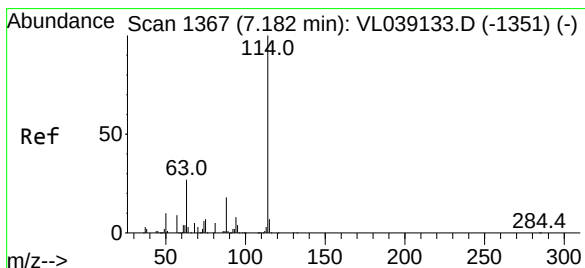
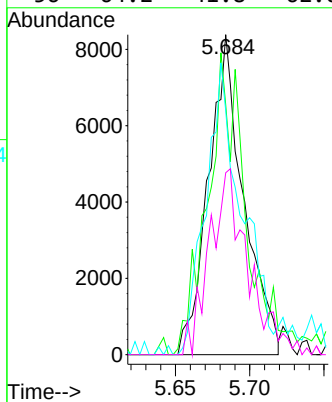
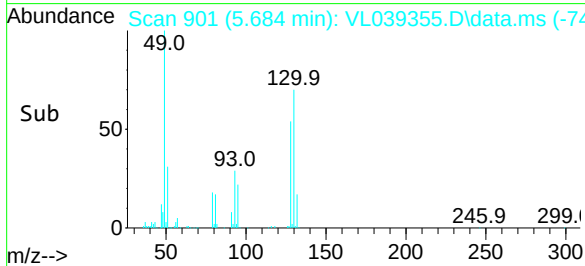
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL



Tgt Ion: 57 Resp: 13790
Ion Ratio Lower Upper
57 100
41 103.2 72.4 108.6
43 106.0 187.0 280.6
56 64.2 41.8 62.6#

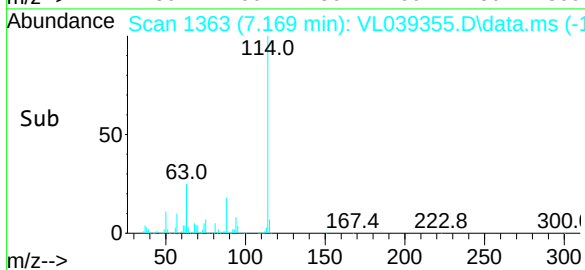
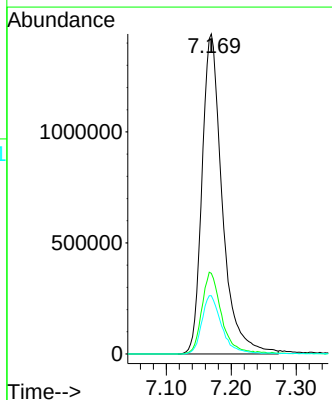
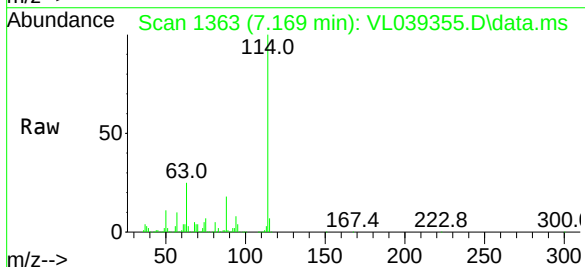
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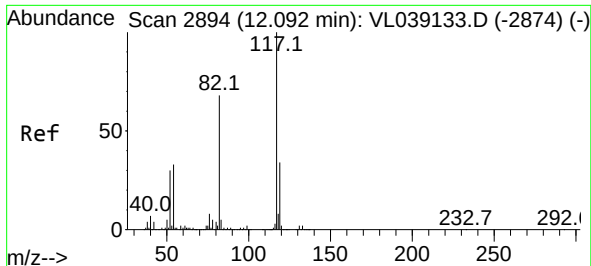
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. -0.013 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

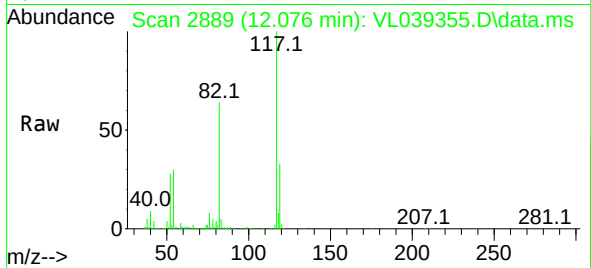
Tgt Ion:114 Resp: 3129475
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 18.1 14.8 22.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. -0.016 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

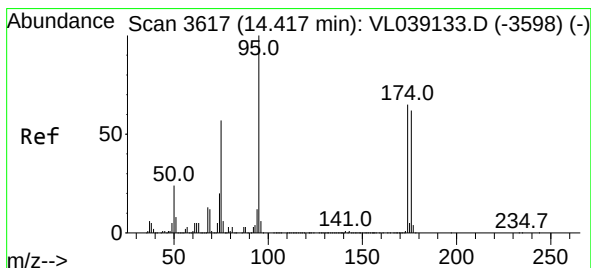
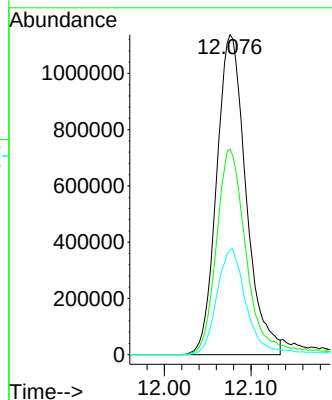
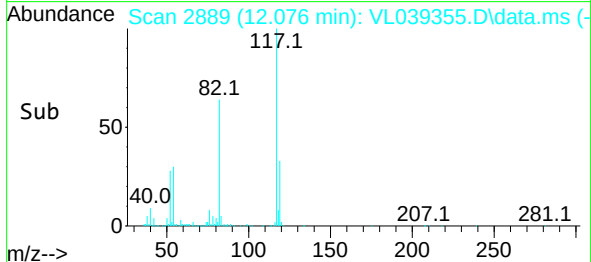
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 117 Resp: 2679709
Ion Ratio Lower Upper
117 100
82 67.4 55.1 82.7
119 34.7 24.7 37.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 8.973 ppbv
RT: 14.404 min Scan# 3613
Delta R.T. -0.013 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

Tgt Ion: 95 Resp: 1987978
Ion Ratio Lower Upper
95 100
174 71.8 53.8 80.8
175 5.5 4.1 6.1

