

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
 Data File : VL039358.D
 Acq On : 25 Jun 2022 2:30
 Operator : SY/AP
 Sample : N3453-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 01:55:02 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	1117566	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.166	114	3097953	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.076	117	2662791	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1952708	8.870	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	88.700%
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	2.989	51	21807	0.153	ppbv	98
4) Chloromethane	3.144	50	11039m	0.151	ppbv	
9) Propene	3.022	41	17587m	0.284	ppbv	
13) Ethanol	3.594	45	211489	62.545	ppbv #	100
15) Acetone	3.845	43	608951	5.231	ppbv	99
19) Isopropyl Alcohol	3.964	45	177913	3.258	ppbv #	91
20) Methylene Chloride	4.343	84	42257m	0.861	ppbv	
26) Hexane	5.677	57	28378m	0.246	ppbv	

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

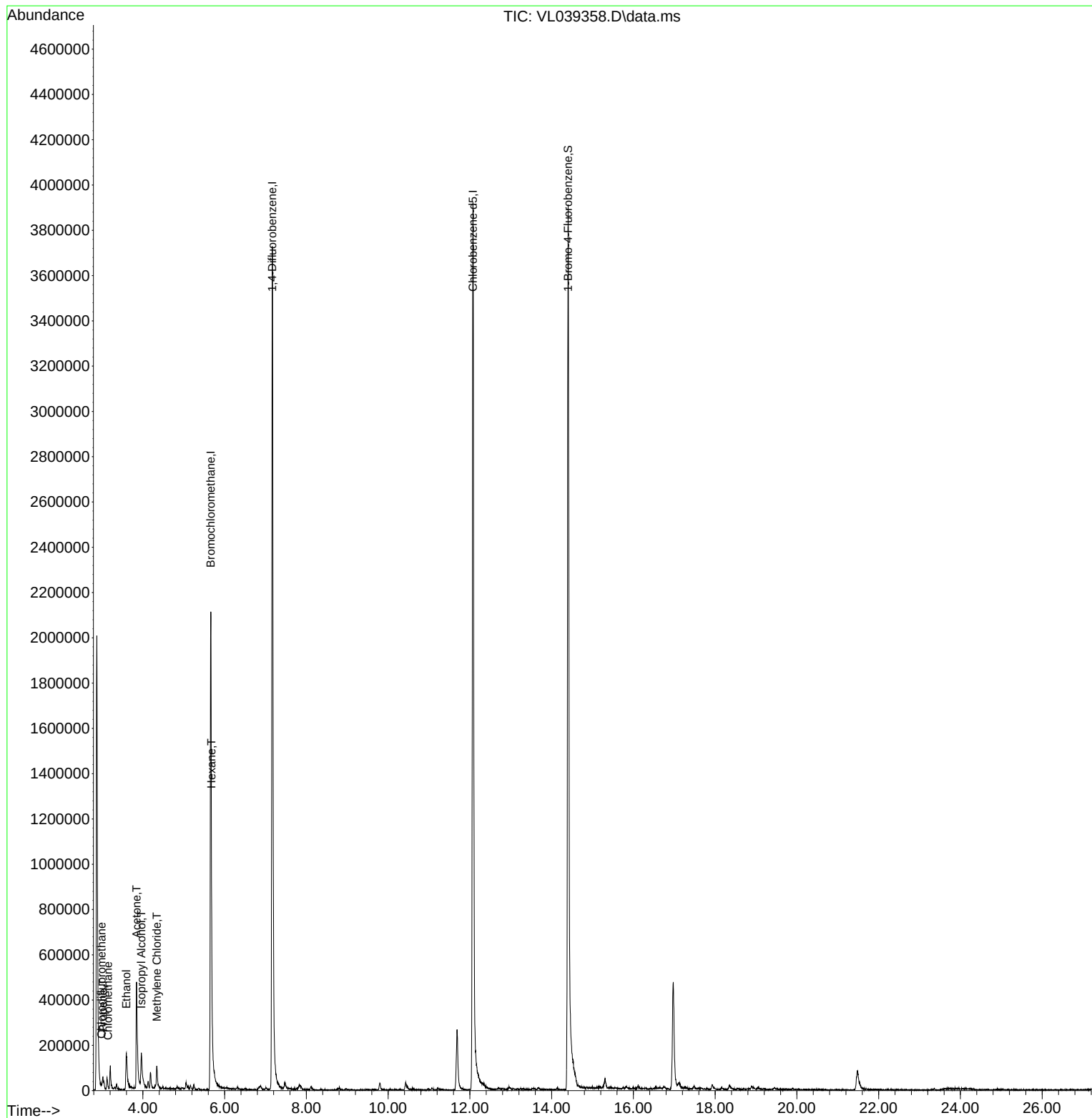
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
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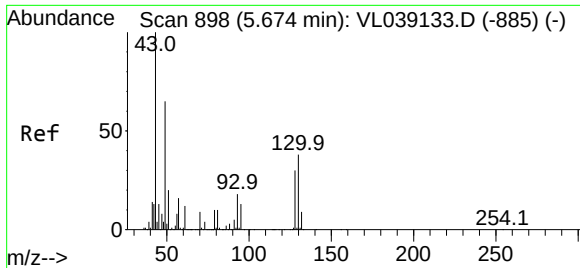
Instrument :
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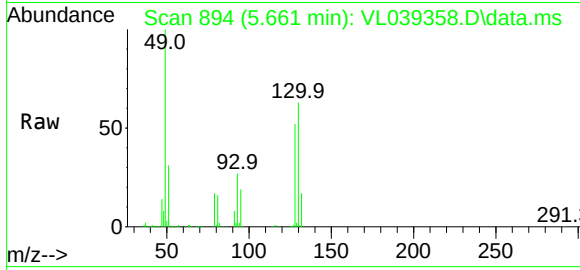
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 89
Delta R.T. -0.013 min
Lab File: VL039358.D
Acq: 25 Jun 2022 2:30

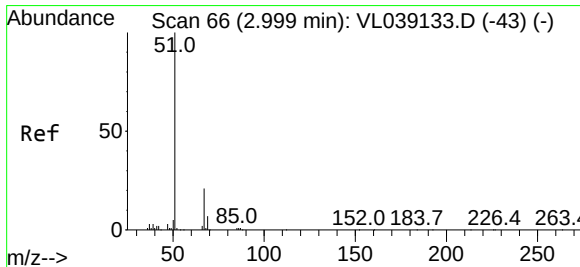
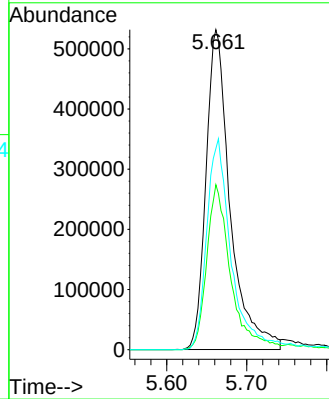
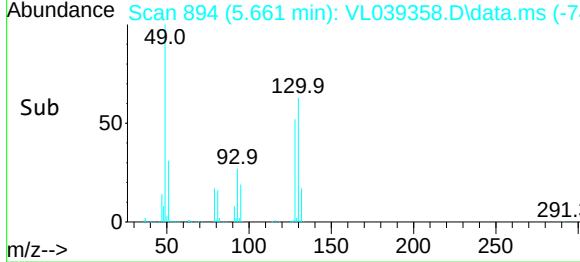
Instrument :
MSVOA_L
ClientSampleId :
SG-1



Tgt Ion: 49 Resp: 111756
Ion Ratio Lower Upper
49 100
128 53.1 24.7 74.1
130 68.8 31.4 94.0

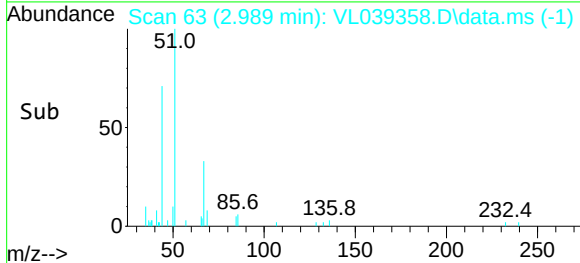
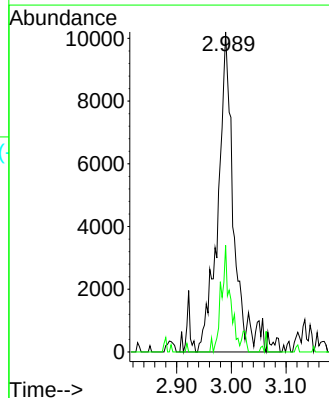
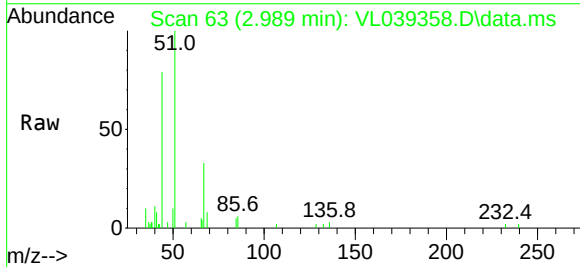
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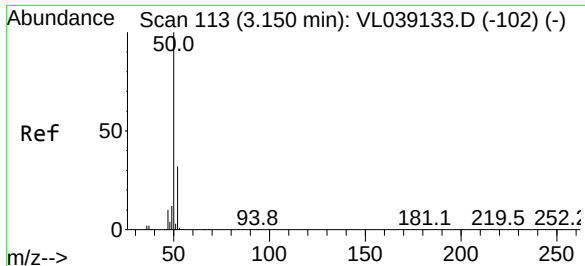
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#3
Chlorodifluoromethane
Concen: 0.153 ppbv
RT: 2.989 min Scan# 63
Delta R.T. -0.010 min
Lab File: VL039358.D
Acq: 25 Jun 2022 2:30

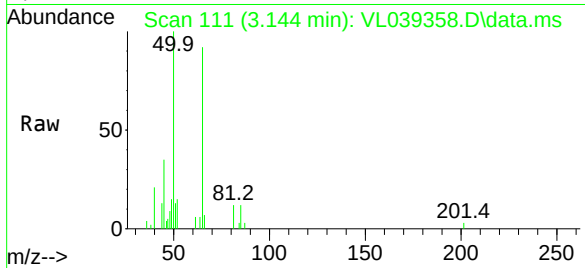
Tgt Ion: 51 Resp: 21807
Ion Ratio Lower Upper
51 100
67 19.5 16.2 24.4





#4
Chloromethane
Concen: 0.151 ppbv m
RT: 3.144 min Scan# 113
Delta R.T. -0.006 min
Lab File: VL039358.D
Acq: 25 Jun 2022 2:30

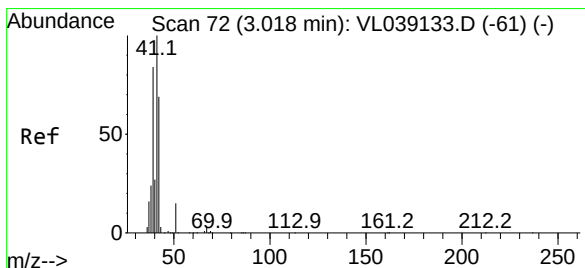
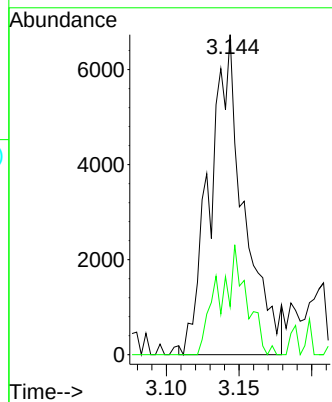
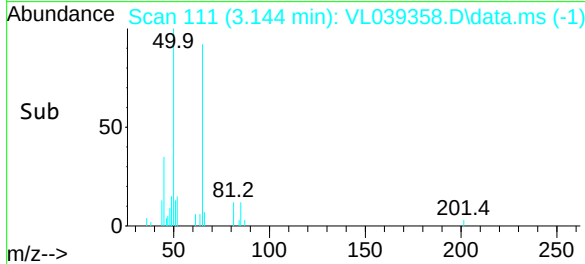
Instrument :
MSVOA_L
ClientSampleId :
SG-1



Tgt Ion: 50 Resp: 11039
Ion Ratio Lower Upper
50 100
52 15.1 25.9 38.9

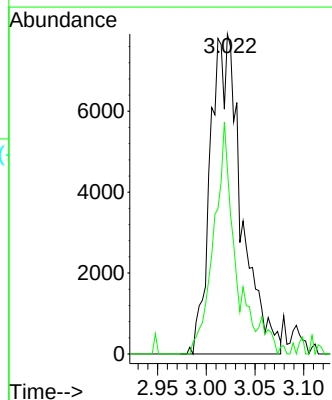
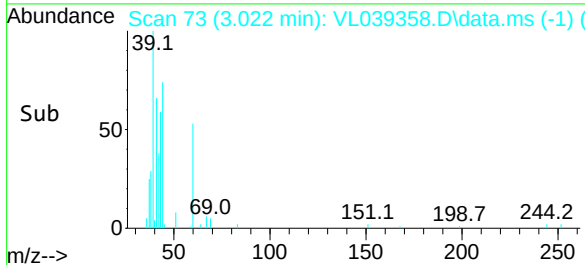
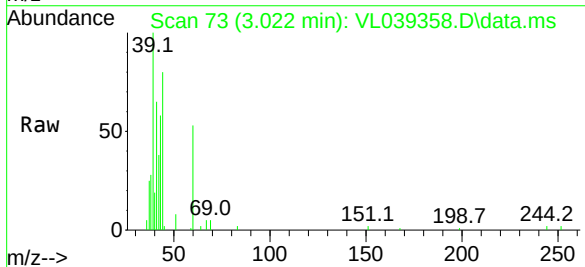
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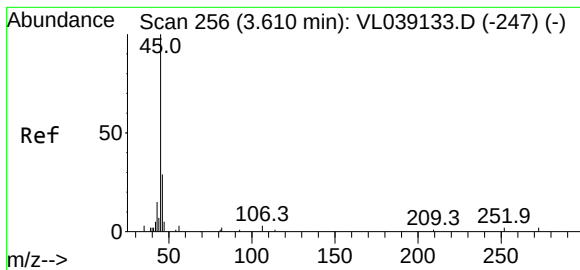
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#9
Propene
Concen: 0.284 ppbv m
RT: 3.022 min Scan# 73
Delta R.T. 0.003 min
Lab File: VL039358.D
Acq: 25 Jun 2022 2:30

Tgt Ion: 41 Resp: 17587
Ion Ratio Lower Upper
41 100
42 20.2 55.4 83.2





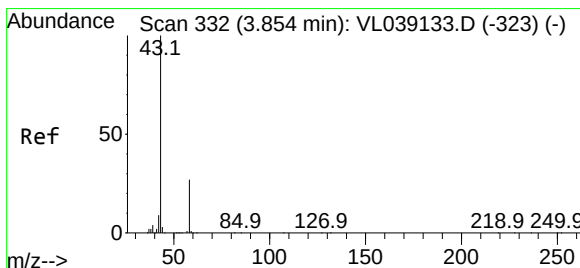
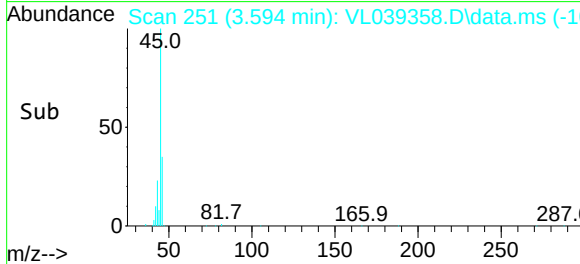
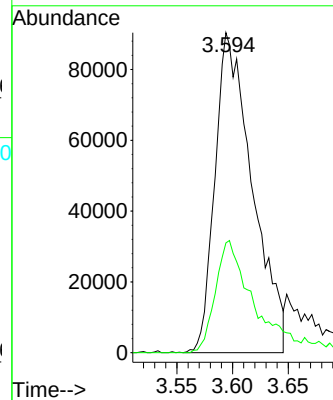
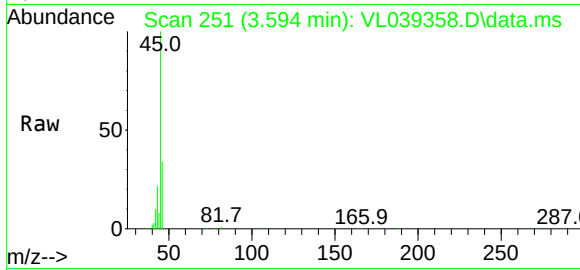
#13
Ethanol
Concen: 62.545 ppbv
RT: 3.594 min Scan# 211489
Delta R.T. -0.016 min
Lab File: VL039358.D
Acq: 25 Jun 2022 2:30

Instrument :
MSVOA_L
ClientSampleId :
SG-1

Tgt Ion: 45 Resp: 211489
Ion Ratio Lower Upper
45 100
46 38.4 0.0 0.0

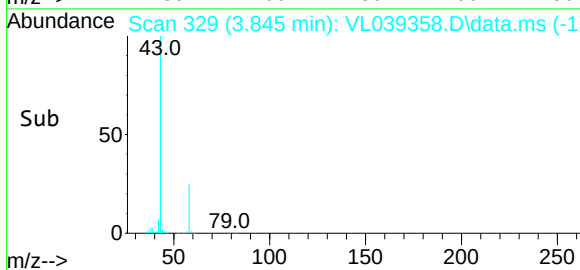
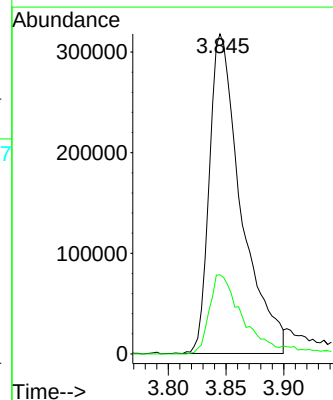
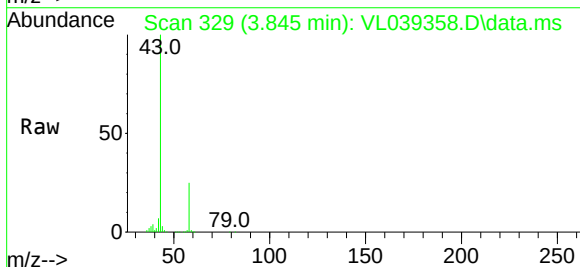
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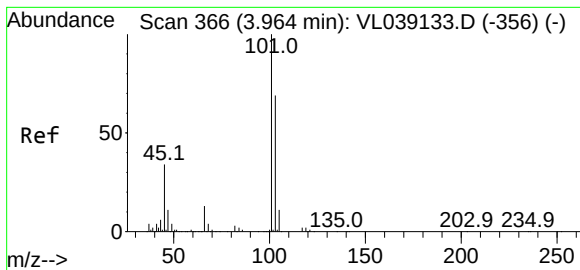
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#15
Acetone
Concen: 5.231 ppbv
RT: 3.845 min Scan# 329
Delta R.T. -0.010 min
Lab File: VL039358.D
Acq: 25 Jun 2022 2:30

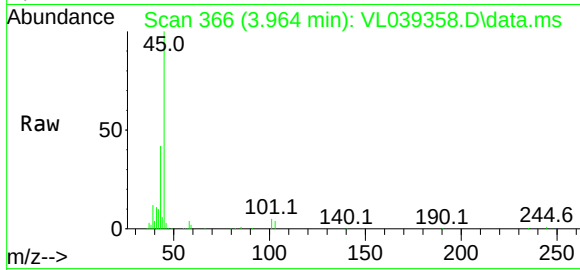
Tgt Ion: 43 Resp: 608951
Ion Ratio Lower Upper
43 100
58 27.4 22.5 33.7





#19
Isopropyl Alcohol
Concen: 3.258 ppbv
RT: 3.964 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL039358.D
Acq: 25 Jun 2022 2:30

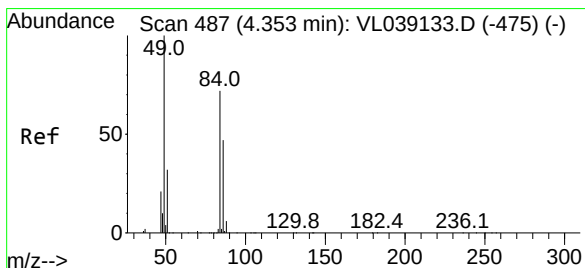
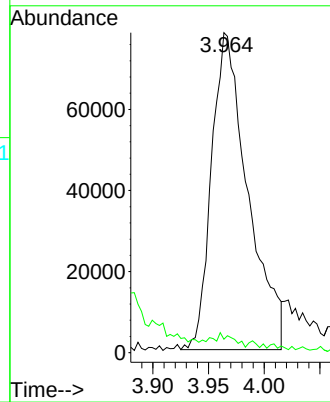
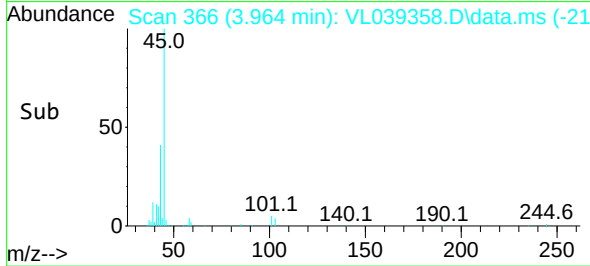
Instrument :
MSVOA_L
ClientSampleId :
SG-1



Tgt Ion: 45 Resp: 17791
Ion Ratio Lower Upper
45 100
58 5.4 1.8 2.8

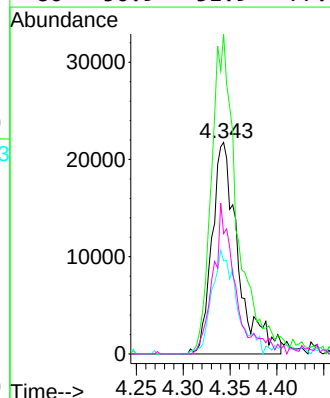
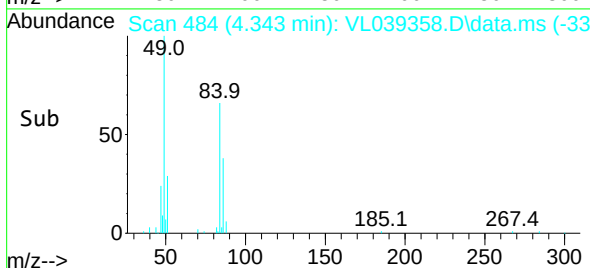
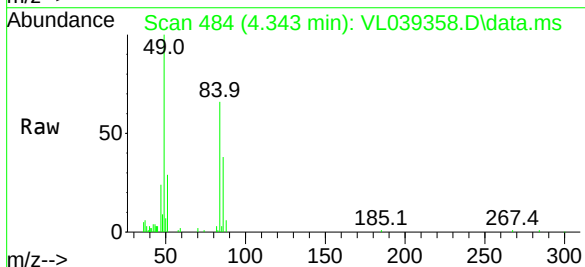
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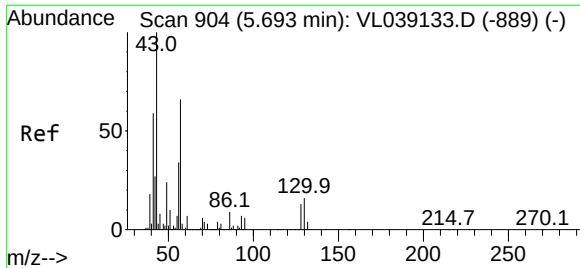
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 0.861 ppbv m
RT: 4.343 min Scan# 484
Delta R.T. -0.010 min
Lab File: VL039358.D
Acq: 25 Jun 2022 2:30

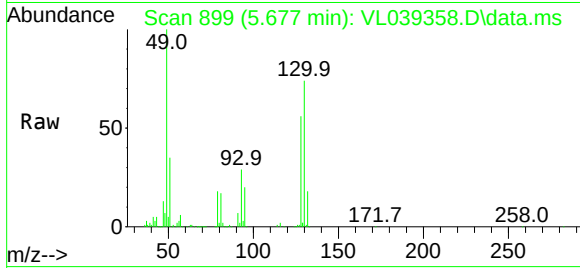
Tgt Ion: 84 Resp: 42257
Ion Ratio Lower Upper
84 100
49 151.3 111.1 166.7
51 44.1 35.3 52.9
86 56.9 51.9 77.9





#26
Hexane
Concen: 0.246 ppbv m
RT: 5.677 min Scan# 899
Delta R.T. -0.016 min
Lab File: VL039358.D
Acq: 25 Jun 2022 2:30

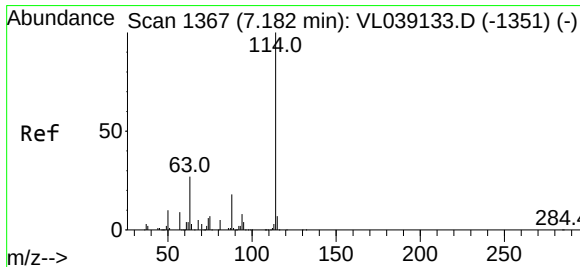
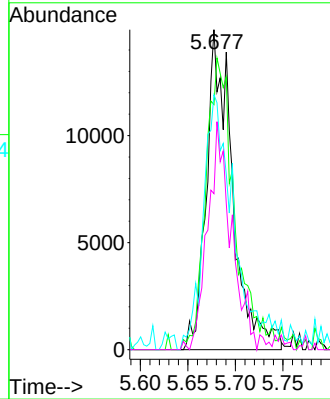
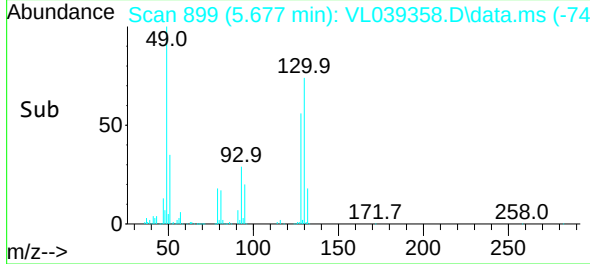
Instrument :
MSVOA_L
ClientSampleId :
SG-1



Tgt Ion: 57 Resp: 28378
Ion Ratio Lower Upper
57 100
41 101.7 72.4 108.6
43 100.9 187.0 280.6
56 65.4 41.8 62.6#

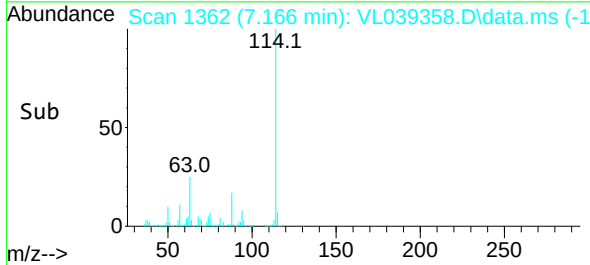
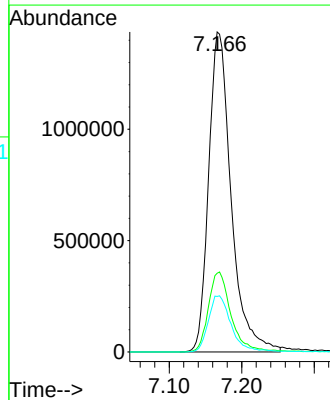
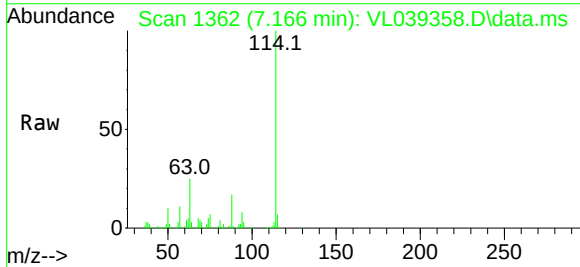
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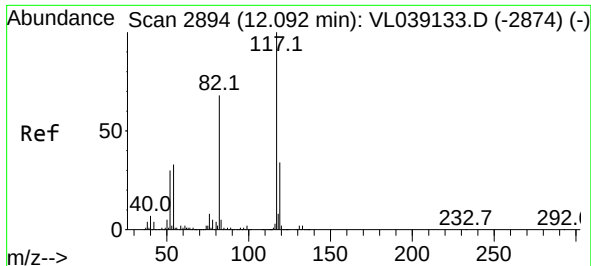
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1362
Delta R.T. -0.016 min
Lab File: VL039358.D
Acq: 25 Jun 2022 2:30

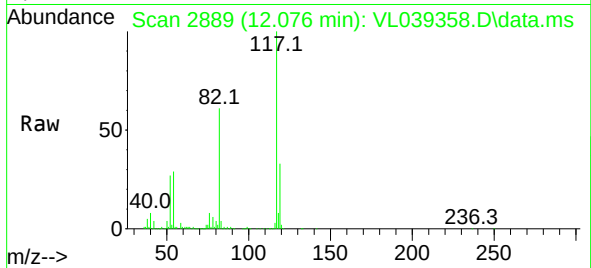
Tgt Ion:114 Resp: 3097953
Ion Ratio Lower Upper
114 100
63 25.4 21.7 32.5
88 18.1 14.8 22.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039358.D
Acq: 25 Jun 2022 2:30

Instrument :
MSVOA_L
ClientSampleId :
SG-1

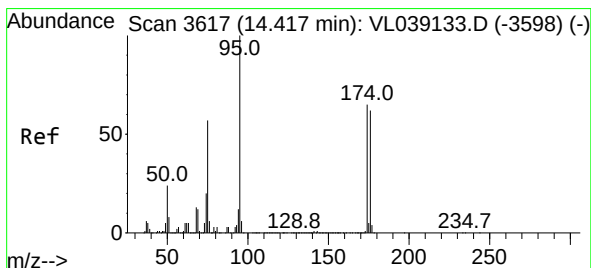
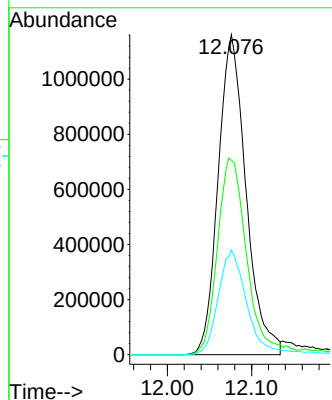
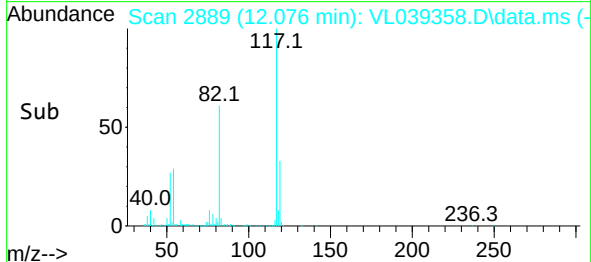


Tgt Ion: 117 Resp: 266279

Ion	Ratio	Lower	Upper
117	100		
82	67.0	55.1	82.7
119	34.8	24.7	37.1

Manual Integrations
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Supervised By :Mahesh Dadoda 06/30/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 8.870 ppbv
RT: 14.404 min Scan# 3613
Delta R.T. -0.013 min
Lab File: VL039358.D
Acq: 25 Jun 2022 2:30

Tgt Ion: 95 Resp: 1952708

Ion	Ratio	Lower	Upper
95	100		
174	73.8	53.8	80.8
175	5.5	4.1	6.1

