

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039449.D
 Acq On : 12 Jul 2022 15:13
 Operator : SY/AP
 Sample : N3614-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-18EDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 01:34:49 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 13 11:28:59 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.687	49	1351408	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	7.195	114	3751357	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.105	117	3333866	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.436	95	2561850	10.358	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.600%
Target Compounds						
					Qvalue	
9) Propene	3.041	41	24618m	0.318	ppbv	
13) Ethanol	3.613	45	4717022	1050.045	ppbv	73
15) Acetone	3.867	43	331192	2.071	ppbv	96
17) tert-Butyl alcohol	4.317	59	19408m	0.143	ppbv	
19) Isopropyl Alcohol	3.983	45	87081	1.021	ppbv #	84
20) Methylene Chloride	4.362	84	102654	1.611	ppbv	96
25) Ethyl Acetate	5.694	43	531937	1.623	ppbv	98
29) Chloroform	5.774	83	47197m	0.205	ppbv	

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

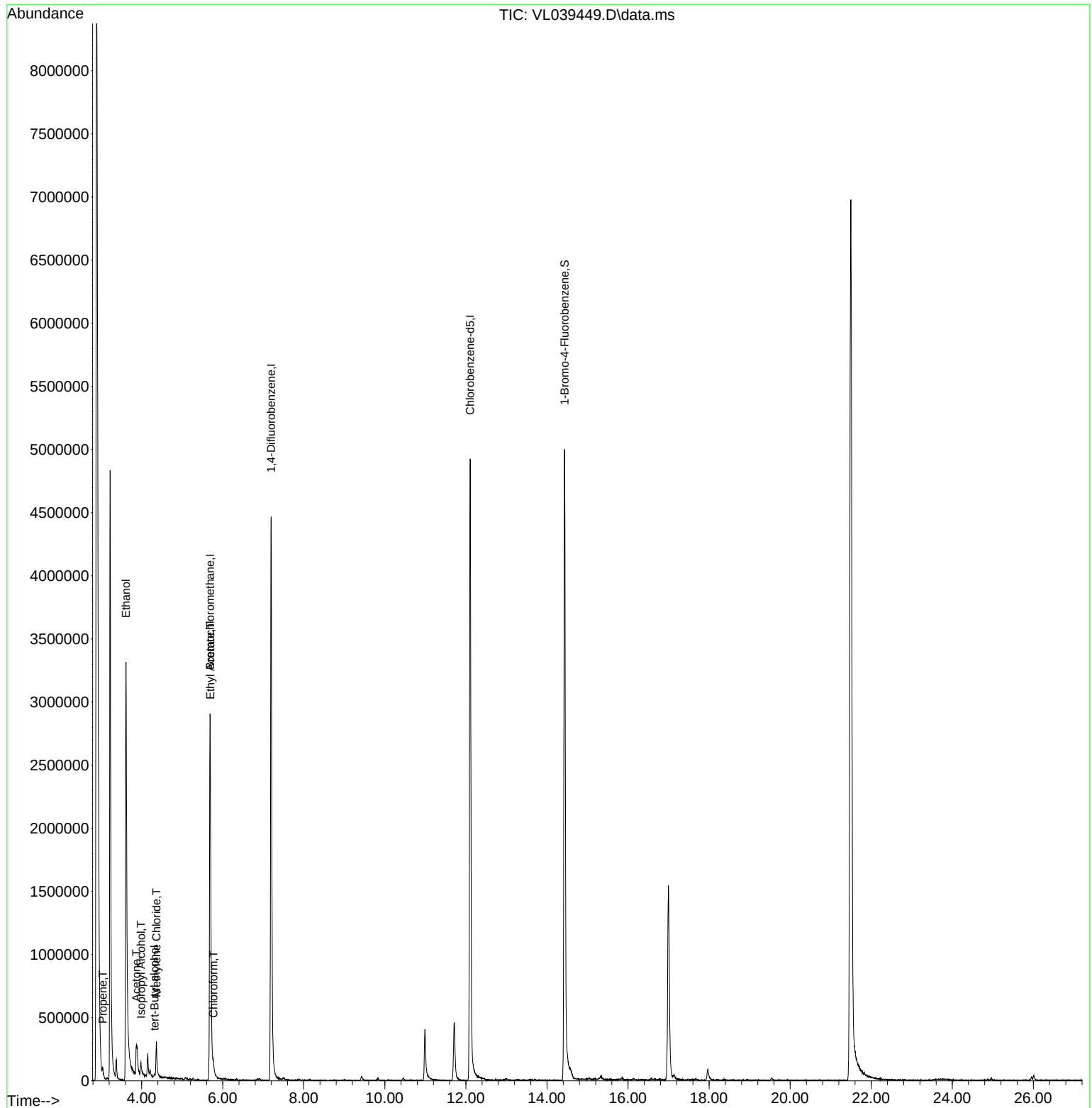
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
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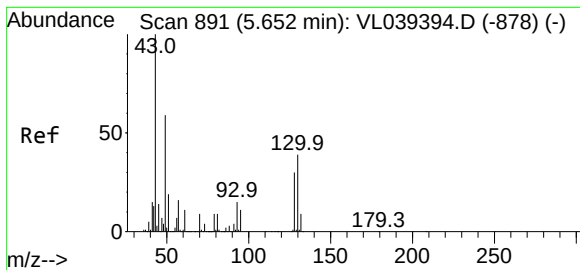
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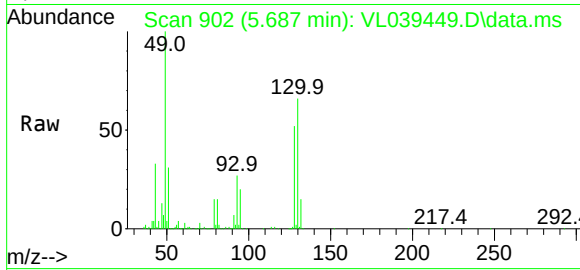
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.687 min Scan# 90
Delta R.T. 0.035 min
Lab File: VL039449.D
Acq: 12 Jul 2022 15:13

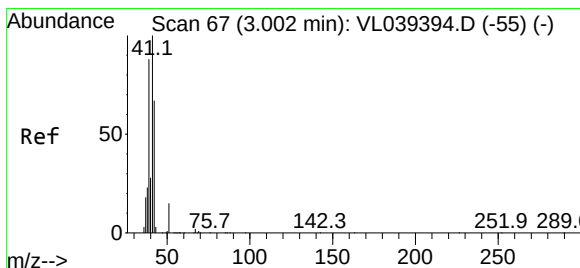
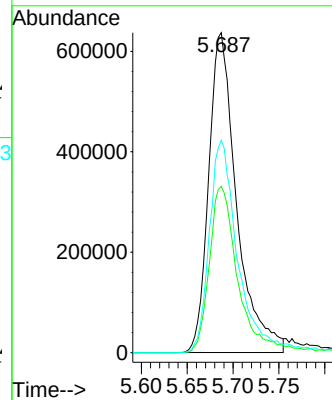
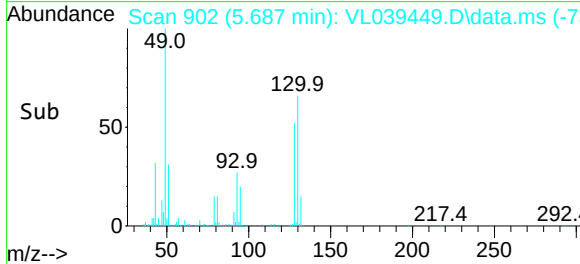
Instrument :
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ClientSampleId :
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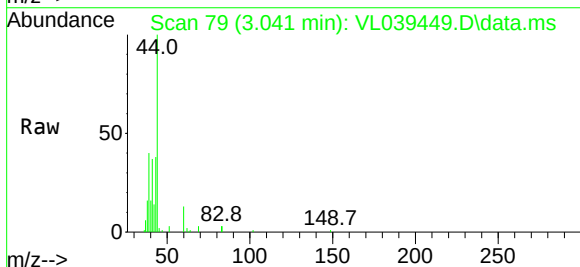
Tgt Ion: 49 Resp: 1351408
Ion Ratio Lower Upper
49 100
128 55.0 26.7 80.0
130 69.8 34.3 102.8

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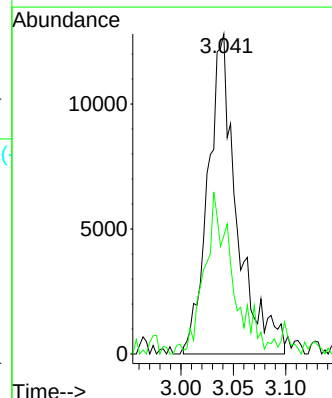
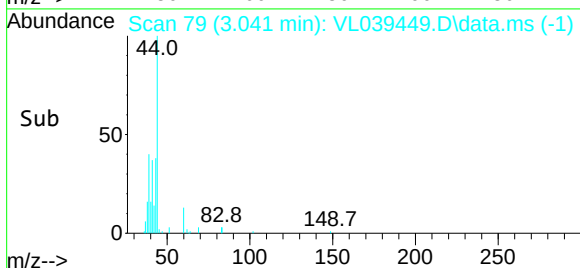
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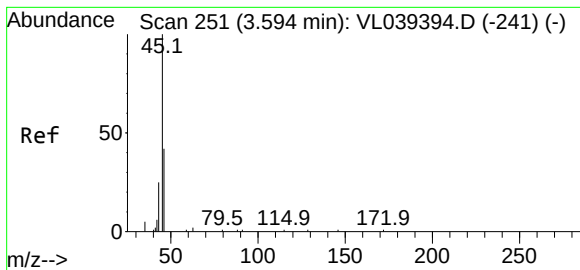


#9
Propene
Concen: 0.318 ppbv m
RT: 3.041 min Scan# 79
Delta R.T. 0.039 min
Lab File: VL039449.D
Acq: 12 Jul 2022 15:13



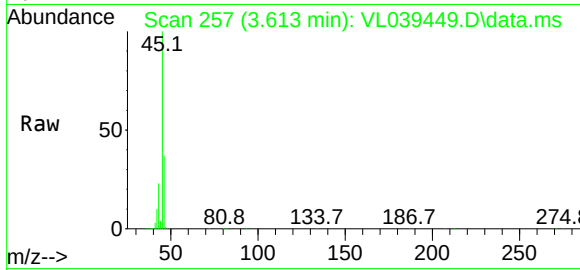
Tgt Ion: 41 Resp: 24618
Ion Ratio Lower Upper
41 100
42 4872.3 55.2 82.8#





#13
Ethanol
Concen: 1050.045 ppbv
RT: 3.613 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL039449.D
Acq: 12 Jul 2022 15:13

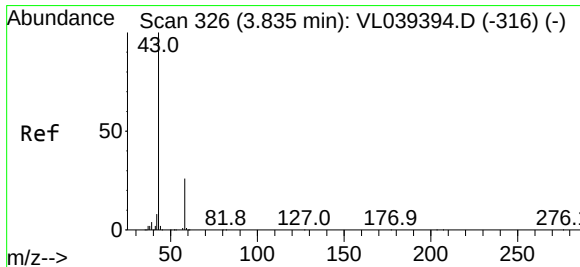
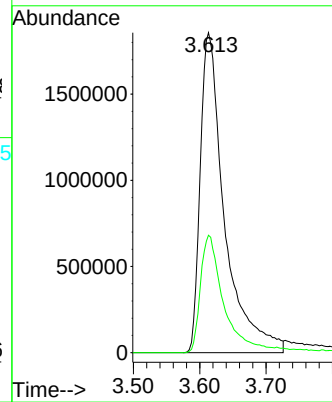
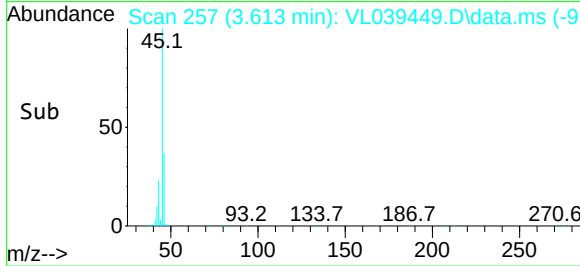
Instrument :
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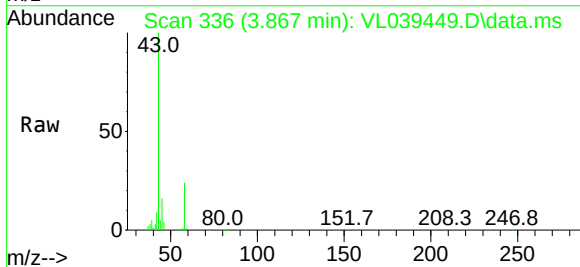
Tgt Ion: 45 Resp: 471702
Ion Ratio Lower Upper
45 100
46 37.3 22.8 91.2

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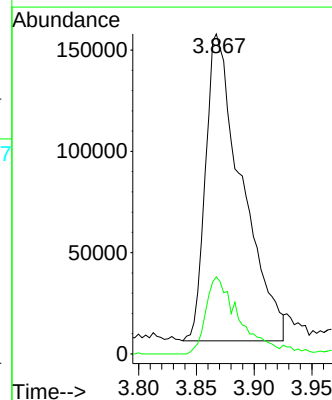
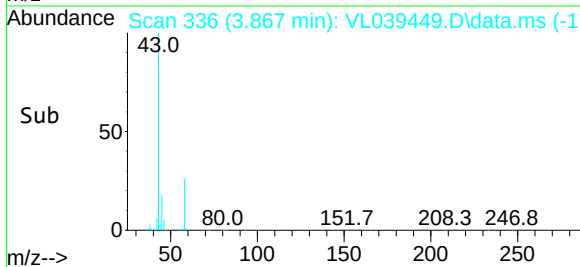
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

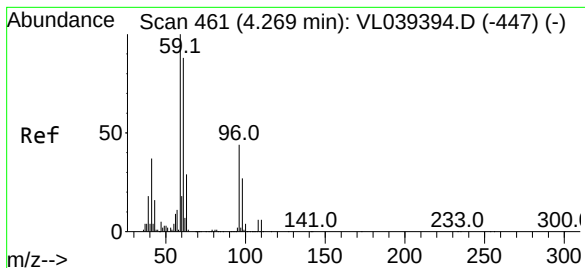


#15
Acetone
Concen: 2.071 ppbv
RT: 3.867 min Scan# 336
Delta R.T. 0.032 min
Lab File: VL039449.D
Acq: 12 Jul 2022 15:13



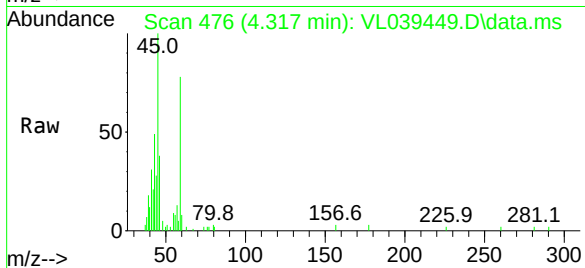
Tgt Ion: 43 Resp: 331192
Ion Ratio Lower Upper
43 100
58 24.0 21.0 31.6





#17
tert-Butyl alcohol
Concen: 0.143 ppbv m
RT: 4.317 min Scan# 41
Delta R.T. 0.048 min
Lab File: VL039449.D
Acq: 12 Jul 2022 15:13

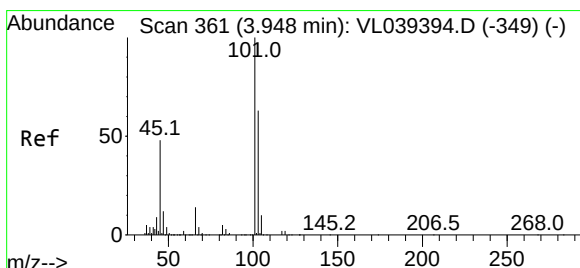
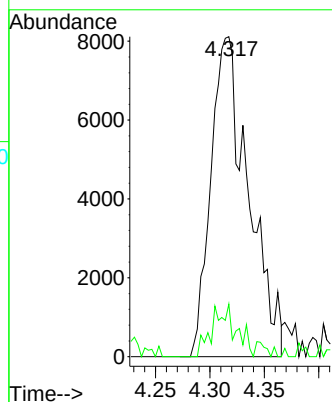
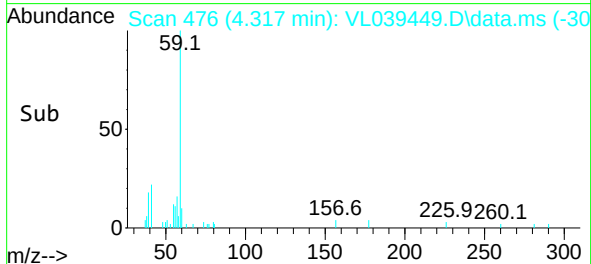
Instrument :
MSVOA_L
ClientSampleId :
IA-18EDL



Tgt Ion: 59 Resp: 19408
Ion Ratio Lower Upper
59 100
57 11.8 8.7 13.1

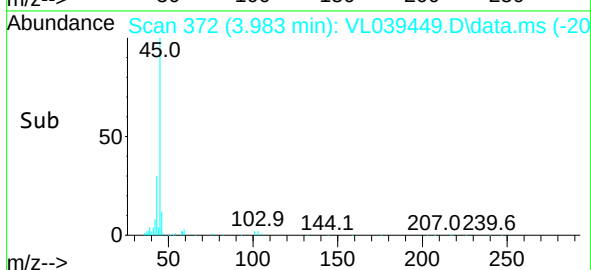
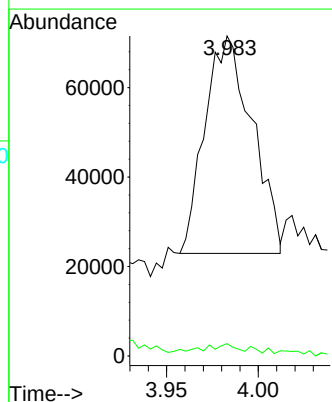
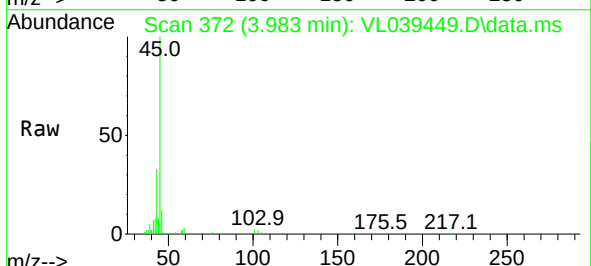
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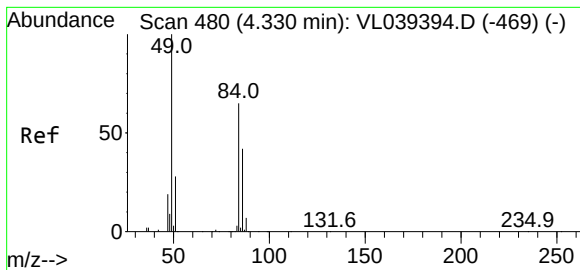
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#19
Isopropyl Alcohol
Concen: 1.021 ppbv
RT: 3.983 min Scan# 372
Delta R.T. 0.035 min
Lab File: VL039449.D
Acq: 12 Jul 2022 15:13

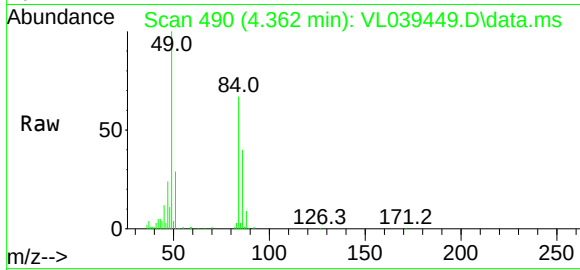
Tgt Ion: 45 Resp: 87081
Ion Ratio Lower Upper
45 100
58 9.1 3.2 4.8#





#20
Methylene Chloride
Concen: 1.611 ppbv
RT: 4.362 min Scan# 49
Delta R.T. 0.032 min
Lab File: VL039449.D
Acq: 12 Jul 2022 15:13

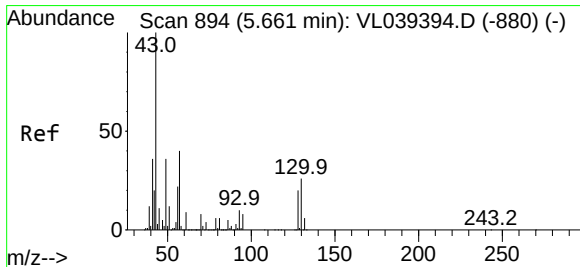
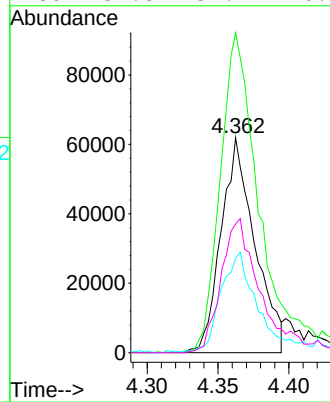
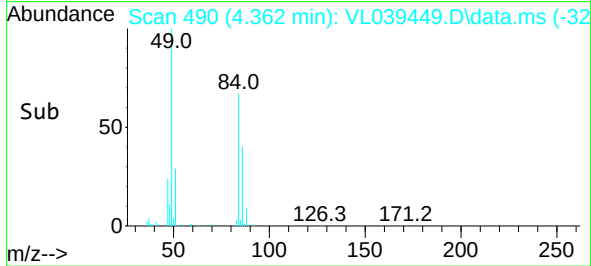
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ClientSampleId :
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Tgt Ion: 84 Resp: 102654
Ion Ratio Lower Upper
84 100
49 148.6 123.1 184.7
51 43.6 34.4 51.6
86 59.8 51.1 76.7

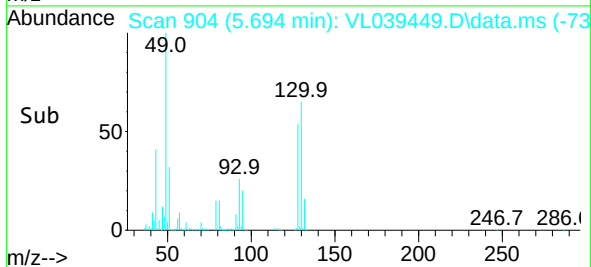
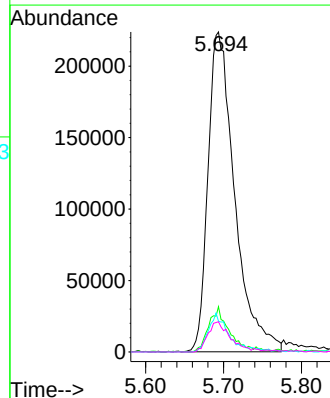
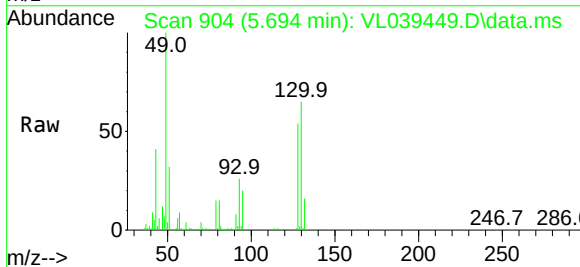
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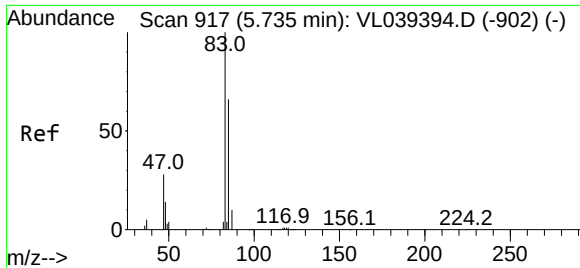
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#25
Ethyl Acetate
Concen: 1.623 ppbv
RT: 5.694 min Scan# 904
Delta R.T. 0.032 min
Lab File: VL039449.D
Acq: 12 Jul 2022 15:13

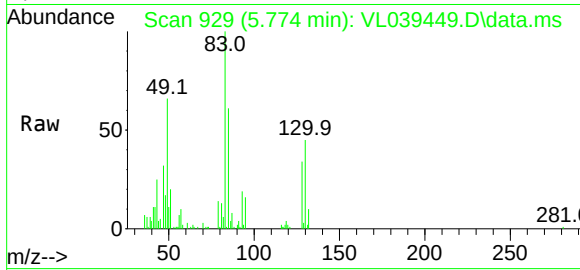
Tgt Ion: 43 Resp: 531937
Ion Ratio Lower Upper
43 100
45 11.2 8.2 12.4
61 9.8 8.3 12.5
70 8.7 5.9 8.9





#29
Chloroform
Concen: 0.205 ppbv m
RT: 5.774 min Scan# 917
Delta R.T. 0.039 min
Lab File: VL039449.D
Acq: 12 Jul 2022 15:13

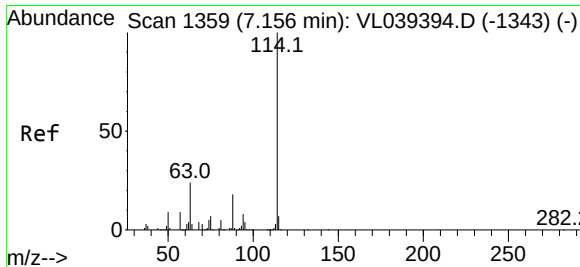
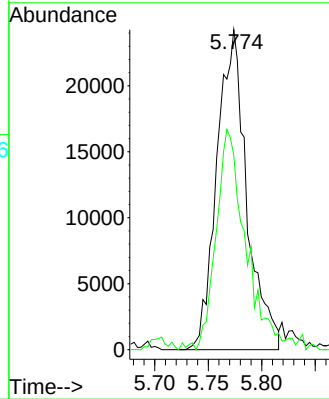
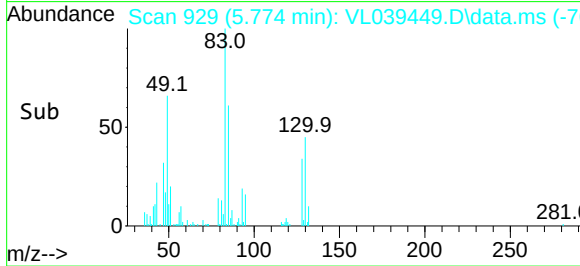
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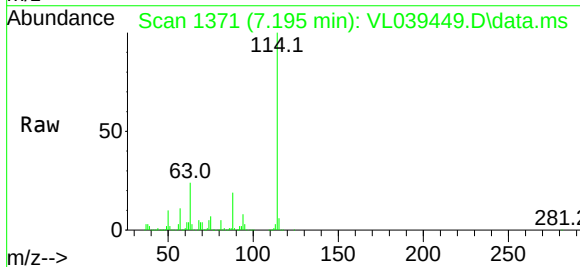
Tgt Ion: 83 Resp: 47197
Ion Ratio Lower Upper
83 100
85 60.7 52.8 79.2

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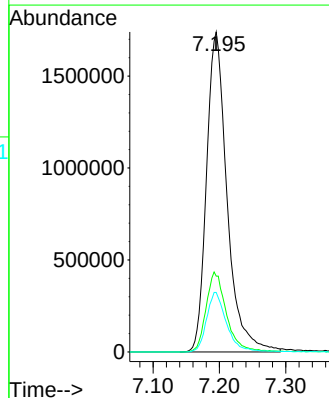
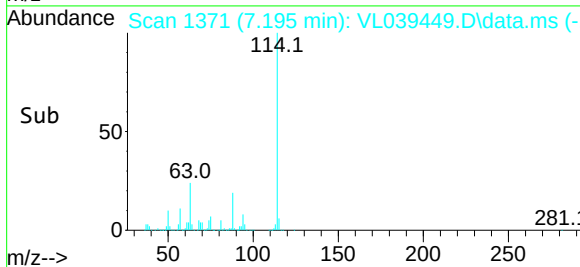
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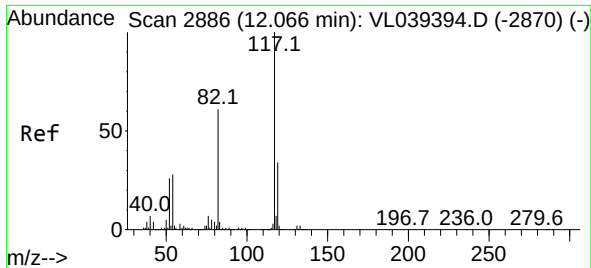


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.195 min Scan# 1371
Delta R.T. 0.039 min
Lab File: VL039449.D
Acq: 12 Jul 2022 15:13



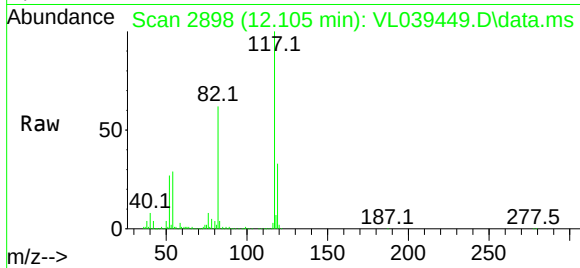
Tgt Ion:114 Resp: 3751357
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.4
88 18.1 14.5 21.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.105 min Scan# 21
Delta R.T. 0.039 min
Lab File: VL039449.D
Acq: 12 Jul 2022 15:13

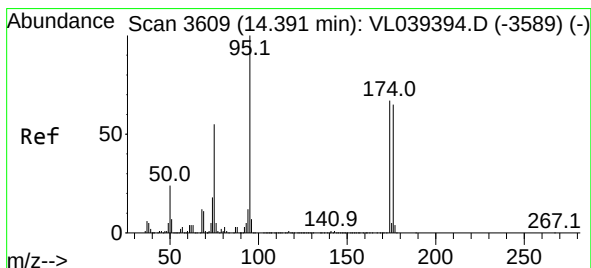
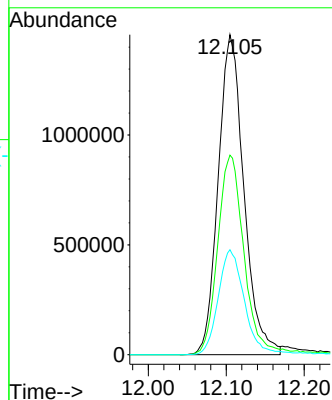
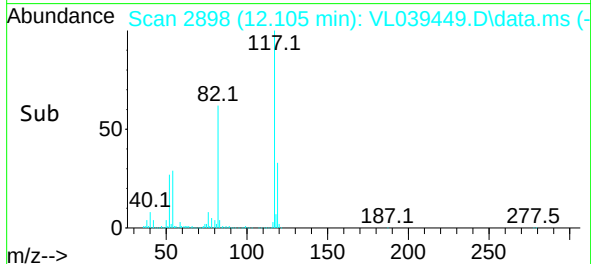
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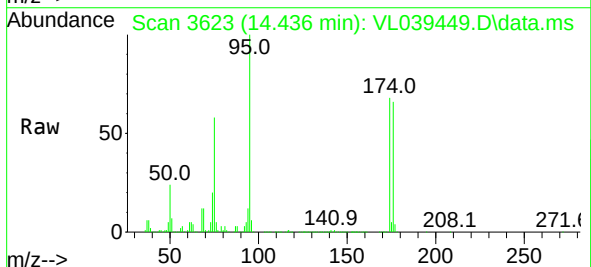
Tgt Ion: 117 Resp: 333386
Ion Ratio Lower Upper
117 100
82 65.3 50.8 76.2
119 34.0 24.1 36.1

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.358 ppbv
RT: 14.436 min Scan# 3623
Delta R.T. 0.045 min
Lab File: VL039449.D
Acq: 12 Jul 2022 15:13



Tgt Ion: 95 Resp: 2561850
Ion Ratio Lower Upper
95 100
174 71.0 55.9 83.9
175 5.2 4.2 6.4

