

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039447.D
 Acq On : 12 Jul 2022 13:51
 Operator : SY/AP
 Sample : N3614-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-9DDL

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 01:33:47 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 13 11:28:31 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	5.684	49	1381548	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.192	114	3849070	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.102	117	3478173	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	2593948	10.053	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%
Target Compounds						
						Qvalue
9) Propene	3.028	41	21312m	0.269	ppbv	
13) Ethanol	3.610	45	2377883	517.787	ppbv	72
15) Acetone	3.867	43	237775	1.455	ppbv #	90
19) Isopropyl Alcohol	3.980	45	97603	1.120	ppbv	100
20) Methylene Chloride	4.362	84	87380	1.341	ppbv	97
25) Ethyl Acetate	5.700	43	250139m	0.746	ppbv	
29) Chloroform	5.767	83	35249	0.150	ppbv	92

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

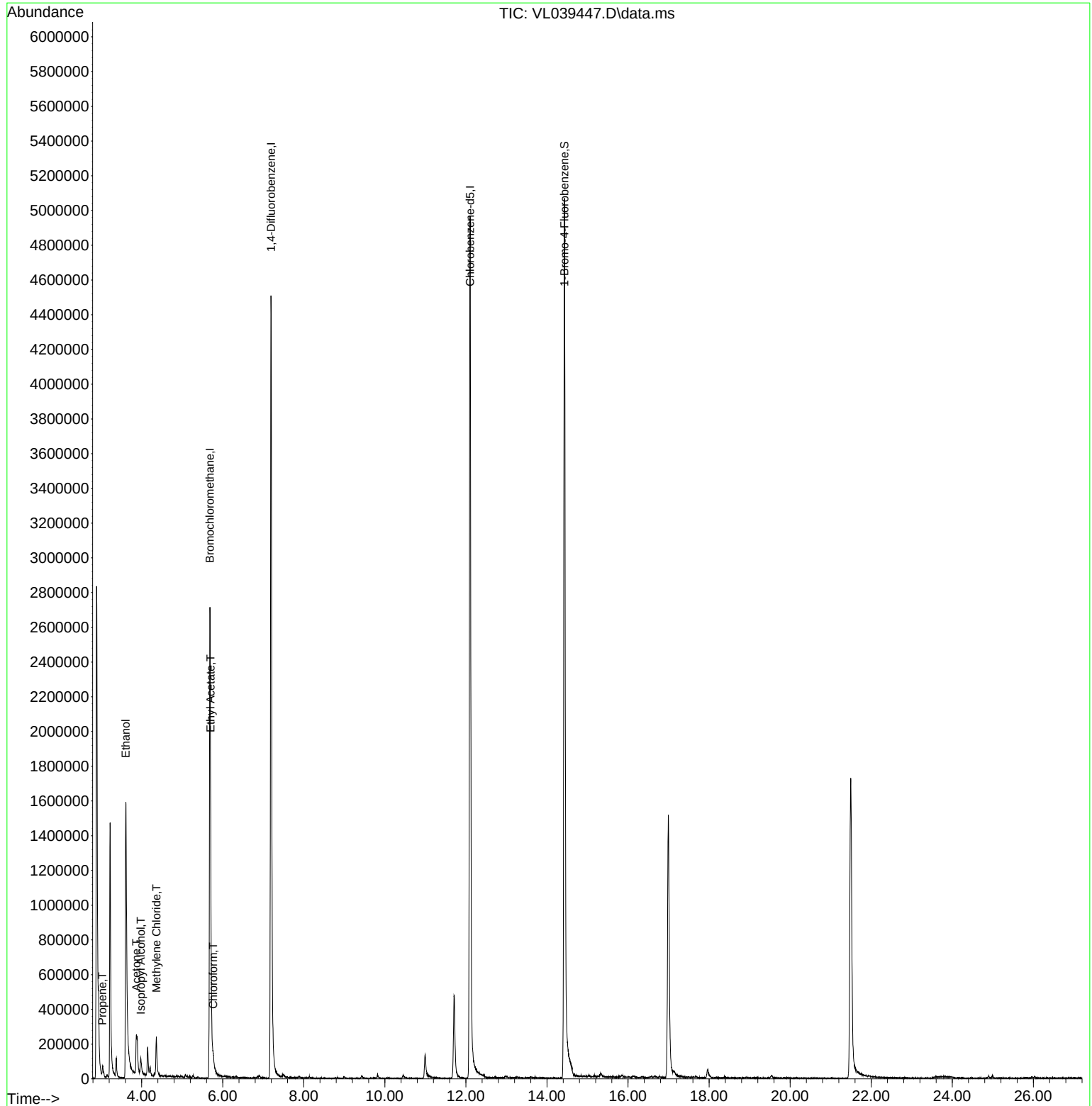
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
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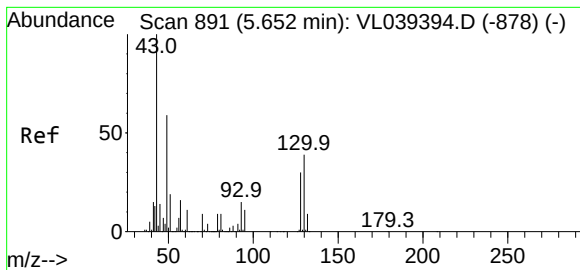
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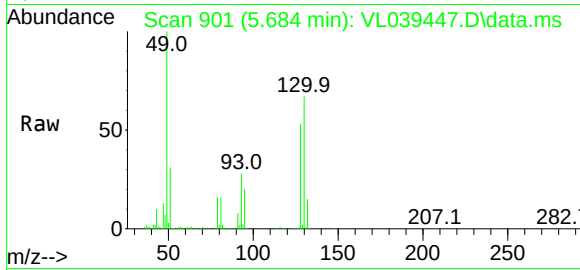
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.684 min Scan# 90
Delta R.T. 0.032 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

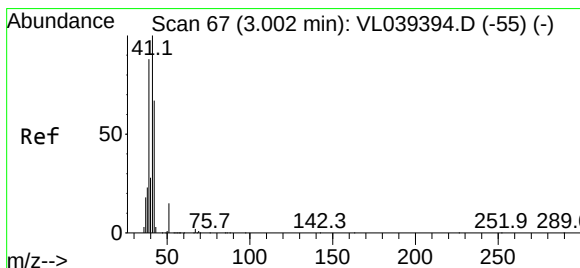
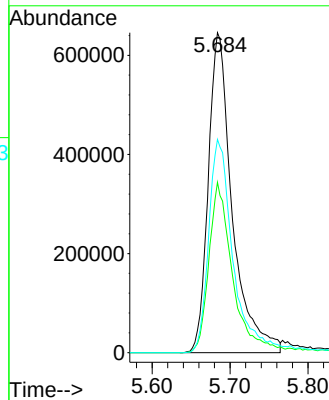
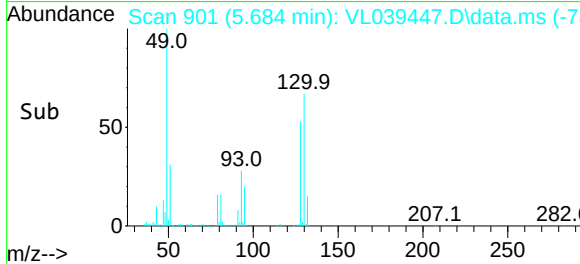
Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL



Tgt Ion: 49 Resp: 138154
Ion Ratio Lower Upper
49 100
128 54.6 26.7 80.0
130 69.9 34.3 102.8

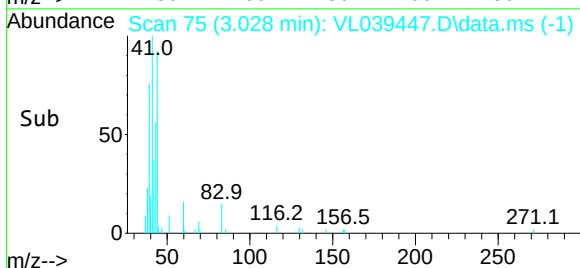
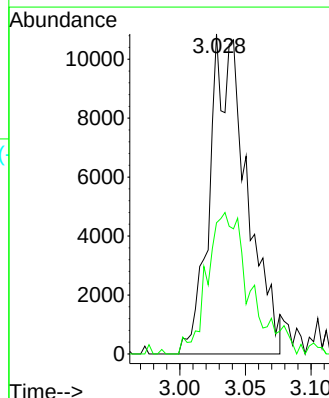
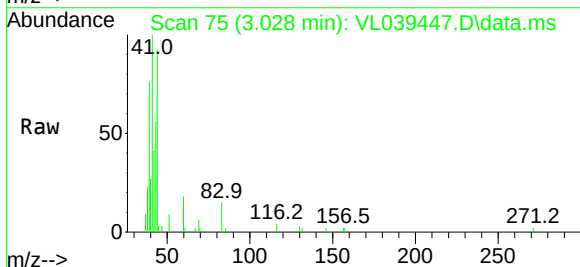
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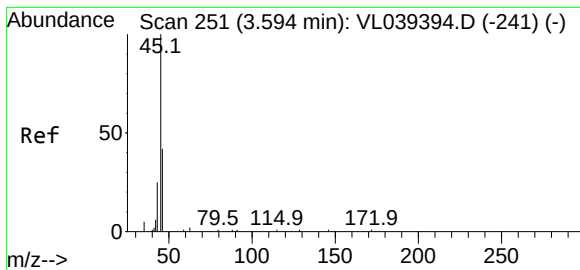
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Supervised By :Mahesh Dadoda 07/13/2022



#9
Propene
Concen: 0.269 ppbv m
RT: 3.028 min Scan# 75
Delta R.T. 0.026 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

Tgt Ion: 41 Resp: 21312
Ion Ratio Lower Upper
41 100
42 1652.2 55.2 82.8#





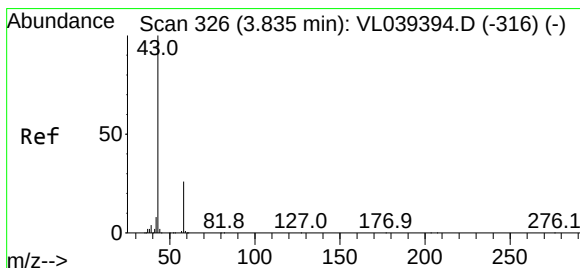
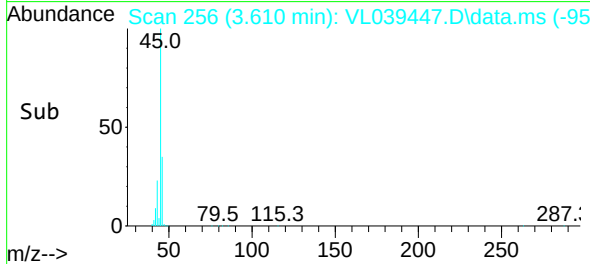
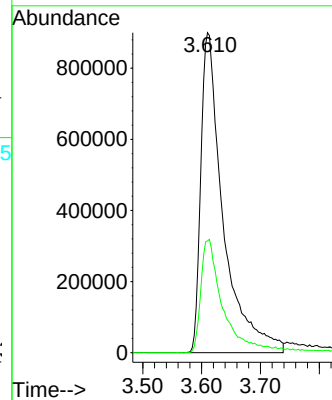
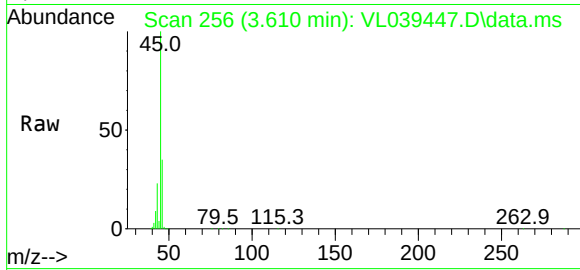
#13
Ethanol
Concen: 517.787 ppbv
RT: 3.610 min Scan# 251
Delta R.T. 0.016 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL

Tgt Ion: 45 Resp: 237788
Ion Ratio Lower Upper
45 100
46 36.2 22.8 91.2

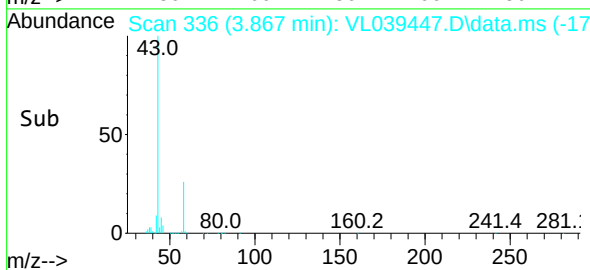
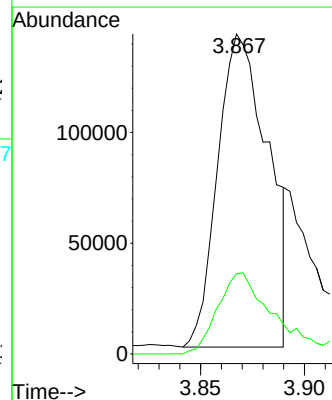
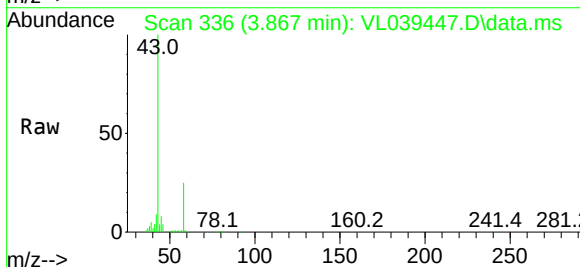
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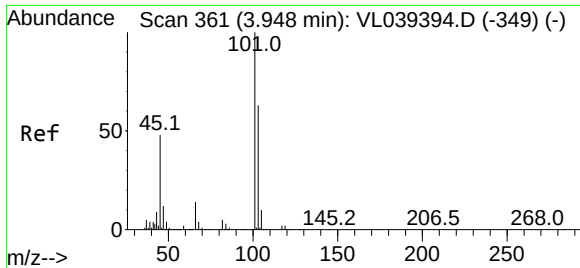
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#15
Acetone
Concen: 1.455 ppbv
RT: 3.867 min Scan# 336
Delta R.T. 0.032 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

Tgt Ion: 43 Resp: 237775
Ion Ratio Lower Upper
43 100
58 31.6 21.0 31.6#





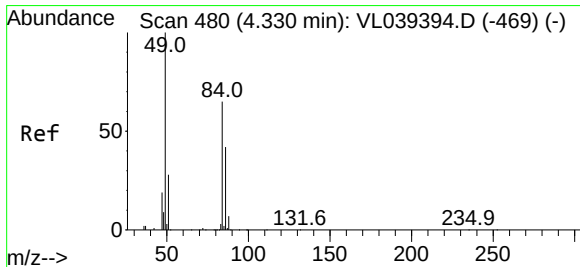
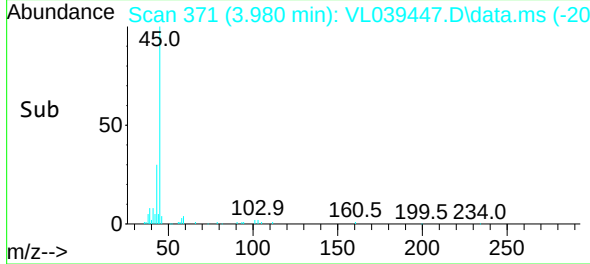
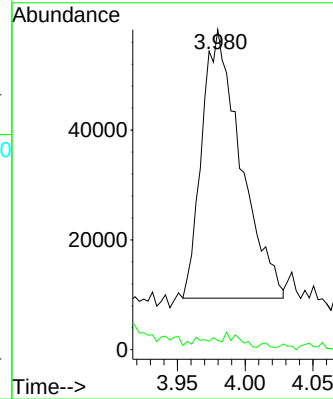
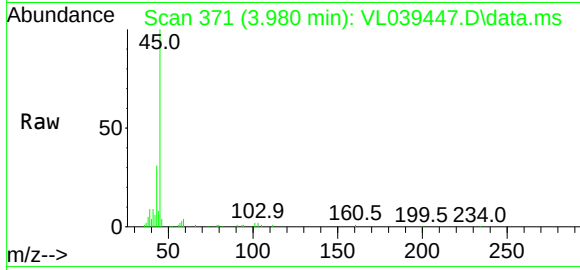
#19
Isopropyl Alcohol
Concen: 1.120 ppbv
RT: 3.980 min Scan# 31
Delta R.T. 0.032 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL

Tgt Ion: 45 Resp: 9760
Ion Ratio Lower Upper
45 100
58 3.9 3.2 4.8

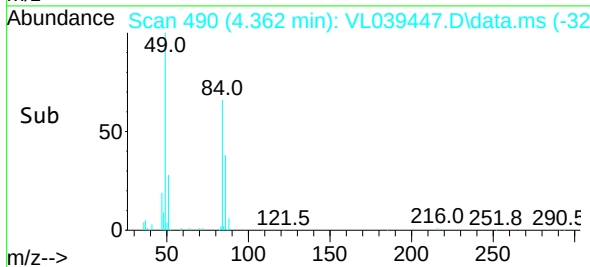
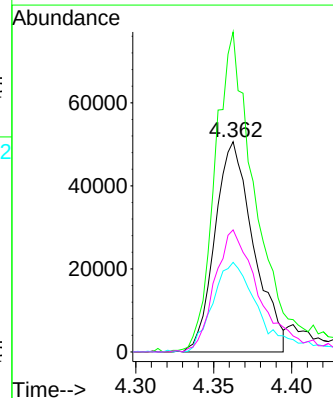
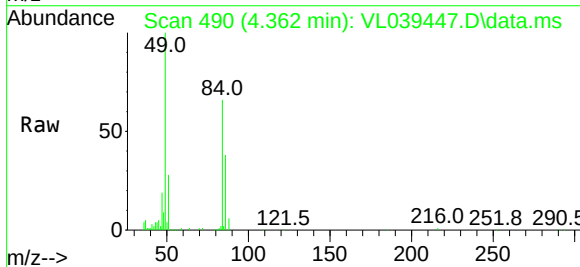
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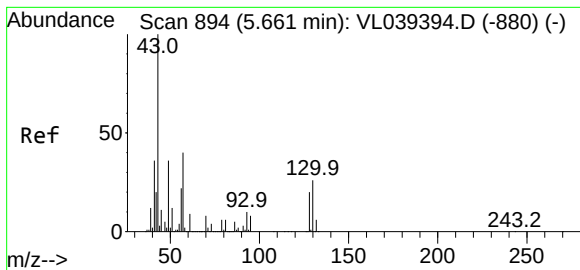
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#20
Methylene Chloride
Concen: 1.341 ppbv
RT: 4.362 min Scan# 490
Delta R.T. 0.032 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

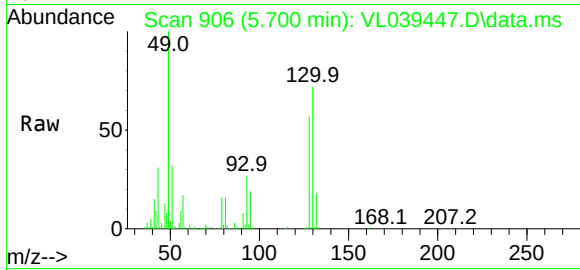
Tgt Ion: 84 Resp: 87380
Ion Ratio Lower Upper
84 100
49 150.9 123.1 184.7
51 42.6 34.4 51.6
86 58.1 51.1 76.7





#25
Ethyl Acetate
Concen: 0.746 ppbv m
RT: 5.700 min Scan# 906
Delta R.T. 0.039 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

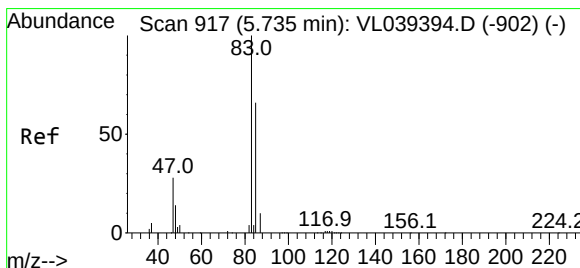
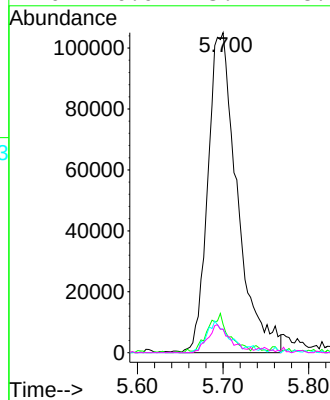
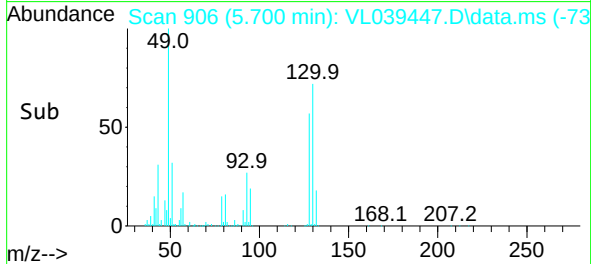
Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL



Tgt Ion: 43 Resp: 250139
Ion Ratio Lower Upper
43 100
45 9.7 8.2 12.4
61 0.0 8.3 12.5
70 0.0 5.9 8.9#

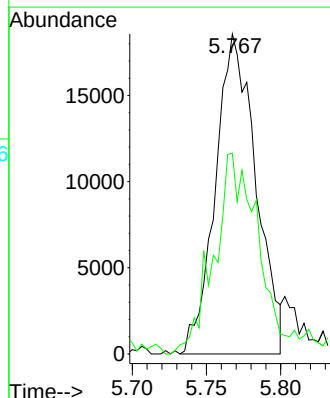
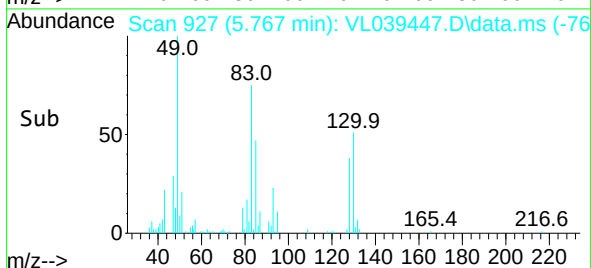
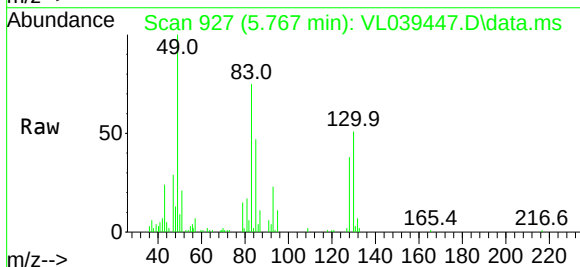
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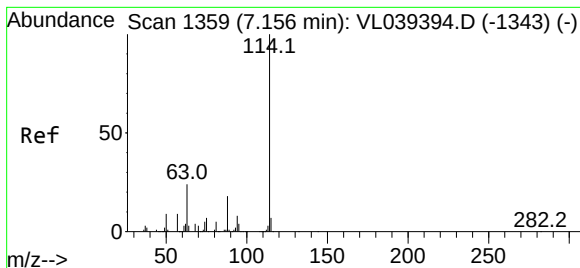
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Supervised By :Mahesh Dadoda 07/13/2022



#29
Chloroform
Concen: 0.150 ppbv
RT: 5.767 min Scan# 927
Delta R.T. 0.032 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

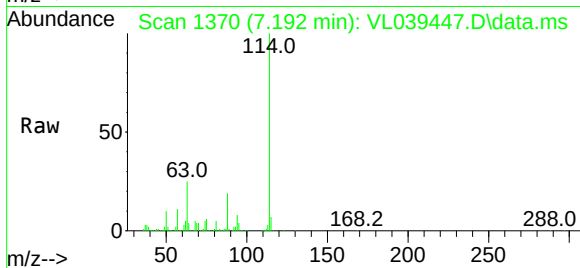
Tgt Ion: 83 Resp: 35249
Ion Ratio Lower Upper
83 100
85 59.9 52.8 79.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.192 min Scan# 114
Delta R.T. 0.035 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

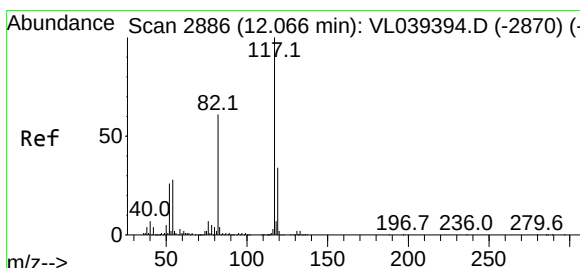
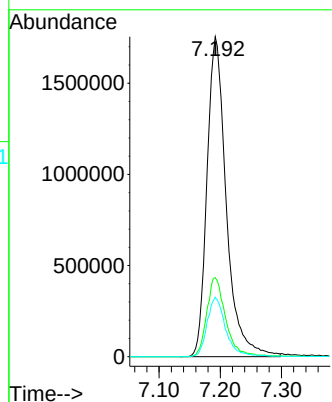
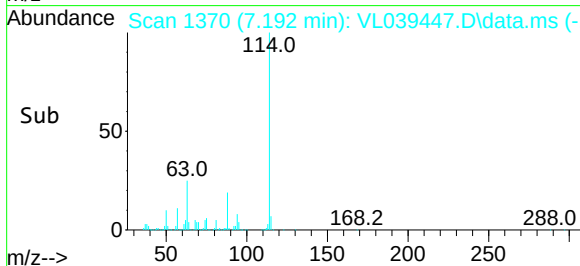
Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL



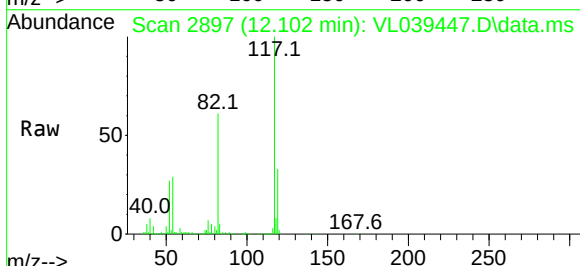
Tgt Ion:114 Resp: 3849070
Ion Ratio Lower Upper
114 100
63 24.6 20.2 30.4
88 18.0 14.5 21.7

Manual Integrations
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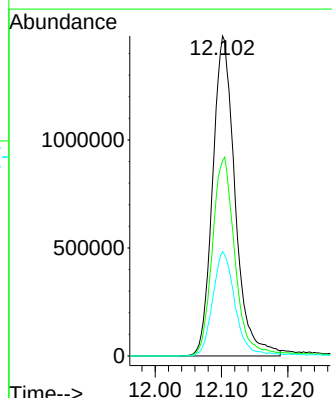
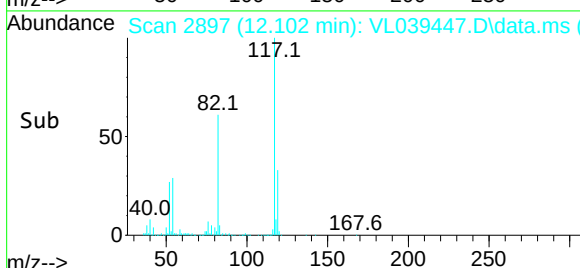
Reviewed By :Semsettin Yesilyurt 07/13/2022
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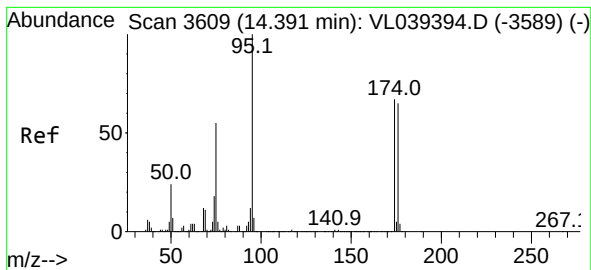


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.102 min Scan# 2897
Delta R.T. 0.035 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51



Tgt Ion:117 Resp: 3478173
Ion Ratio Lower Upper
117 100
82 64.5 50.8 76.2
119 32.9 24.1 36.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.053 ppbv

RT: 14.429 min Scan# 30

Delta R.T. 0.039 min

Lab File: VL039447.D

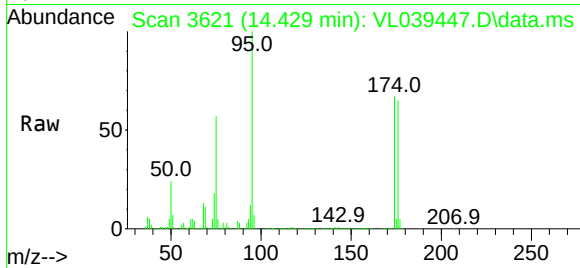
Acq: 12 Jul 2022 13:51

Instrument :

MSVOA_L

ClientSampleId :

IA-9DDL



Tgt Ion: 95 Resp: 2593948

Ion Ratio Lower Upper

95 100

174 71.2 55.9 83.9

175 5.2 4.2 6.4

Manual Integrations

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