

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071322\
 Data File : VL039474.D
 Acq On : 13 Jul 2022 21:19
 Operator : SY/AP
 Sample : N3660-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022

Quant Time: Jul 14 01:25:17 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6
 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	5.671	49	1075447	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.179	114	3124066	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.089	117	2801271	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	2182926	10.504	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 105.000%	
Target Compounds						
					Qvalue	
9) Propene	3.028	41	10742m	0.174	ppbv	
13) Ethanol	3.616	45	22669m	6.341	ppbv	
15) Acetone	3.854	43	152900	1.202	ppbv	# 86
20) Methylene Chloride	4.350	84	278172	5.485	ppbv	94
26) Hexane	5.694	57	385932	3.670	ppbv	# 39
52) Tetrachloroethene	11.221	164	18671m	0.192	ppbv	
59) m/p-Xylene	12.967	91	53280m	0.167	ppbv	
74) 1,2,4-Trimethylbenzene	16.764	105	53713m	0.149	ppbv	

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

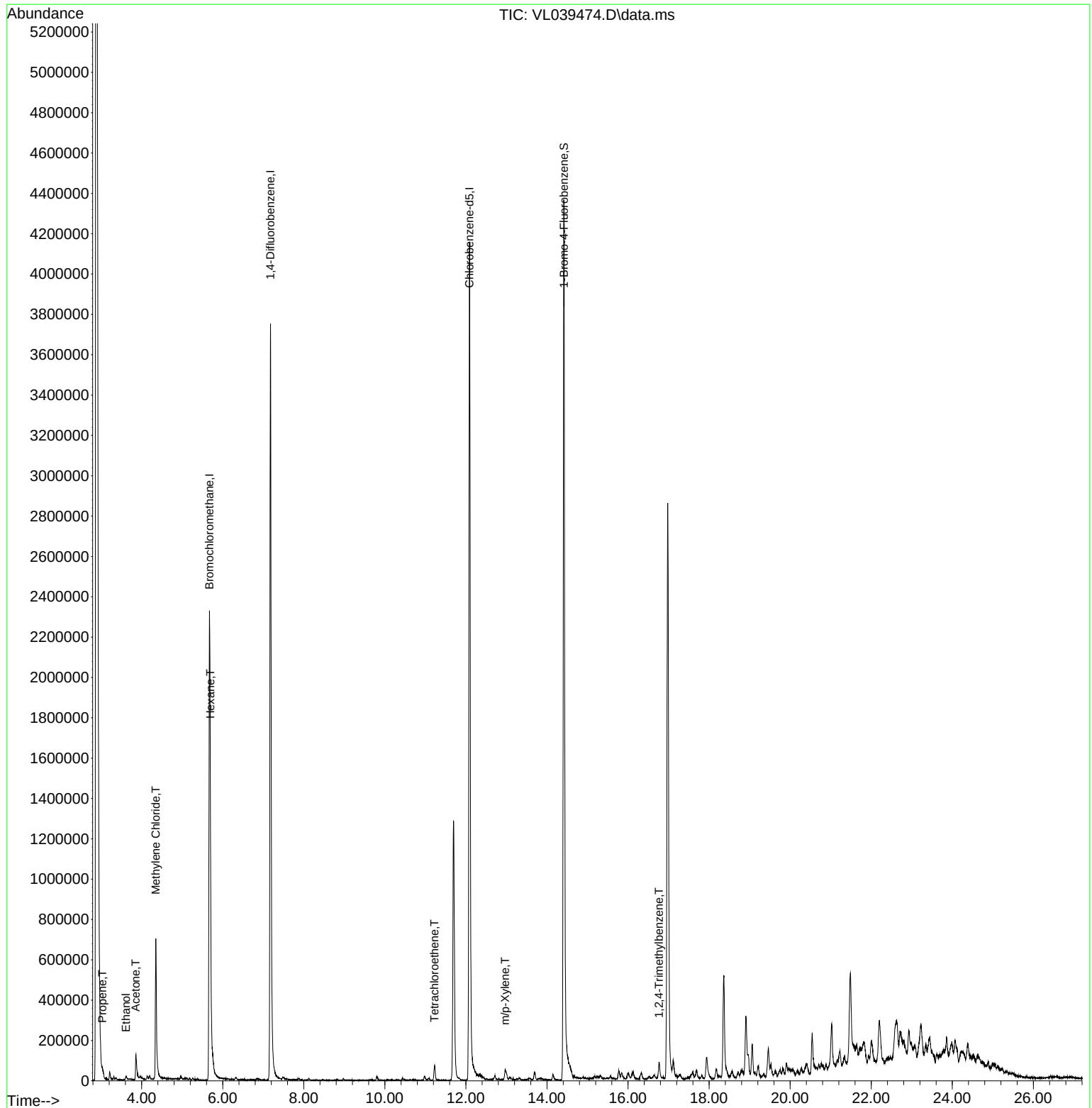
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071322\
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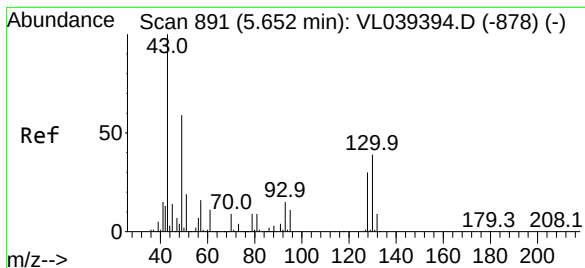
Instrument :
MSVOA_L
ClientSampleId :
SG-7DL

Quant Time: Jul 14 01:25:17 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
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QLast Update : Wed Jul 06 02:15:38 2022
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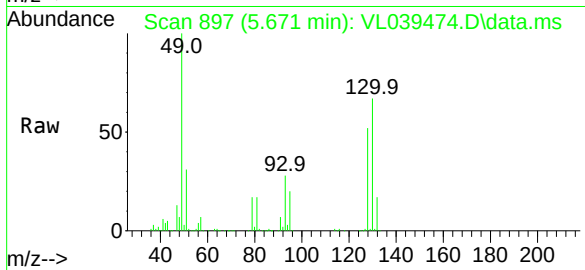
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 891
Delta R.T. 0.019 min
Lab File: VL039474.D
Acq: 13 Jul 2022 21:19

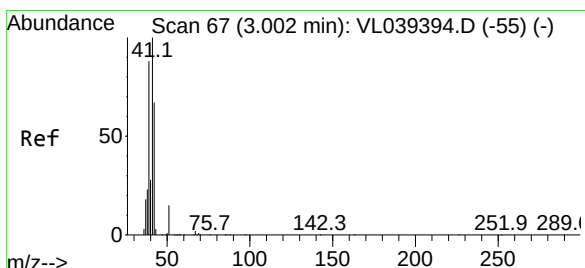
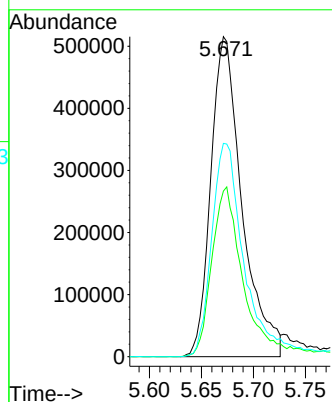
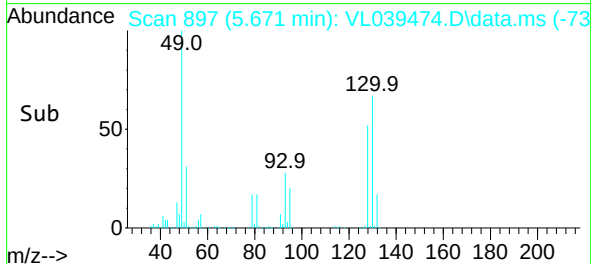
Instrument :
MSVOA_L
ClientSampleId :
SG-7DL



Tgt Ion: 49 Resp: 107544
Ion Ratio Lower Upper
49 100
128 56.5 26.7 80.0
130 73.0 34.3 102.8

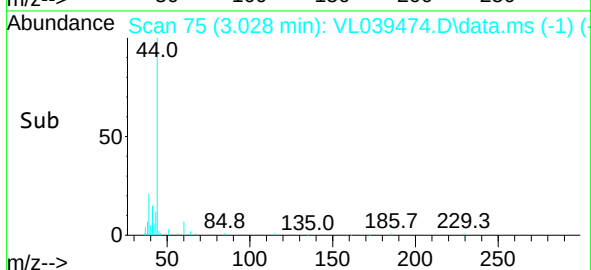
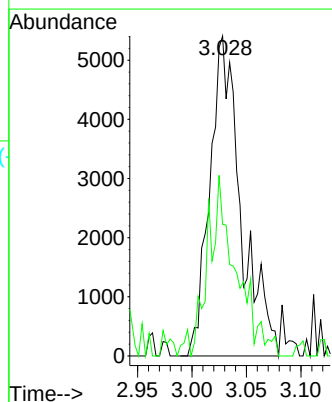
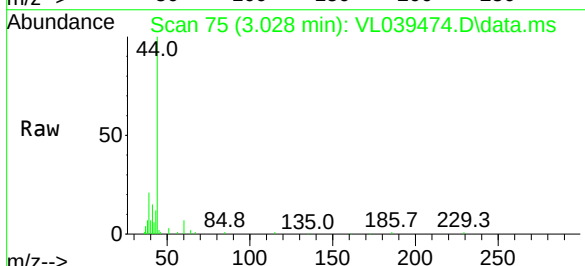
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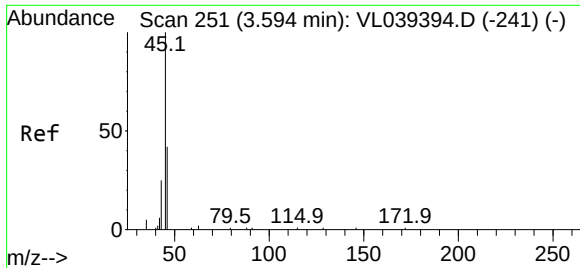
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#9
Propene
Concen: 0.174 ppbv m
RT: 3.028 min Scan# 75
Delta R.T. 0.026 min
Lab File: VL039474.D
Acq: 13 Jul 2022 21:19

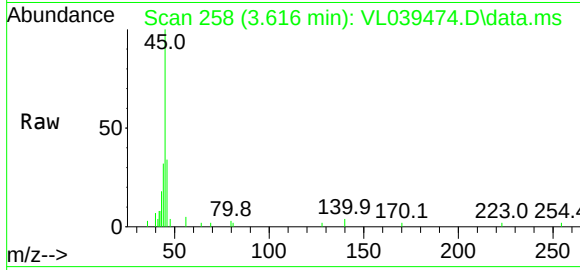
Tgt Ion: 41 Resp: 10742
Ion Ratio Lower Upper
41 100
42 51.2 55.2 82.8#





#13
Ethanol
Concen: 6.341 ppbv m
RT: 3.616 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL039474.D
Acq: 13 Jul 2022 21:19

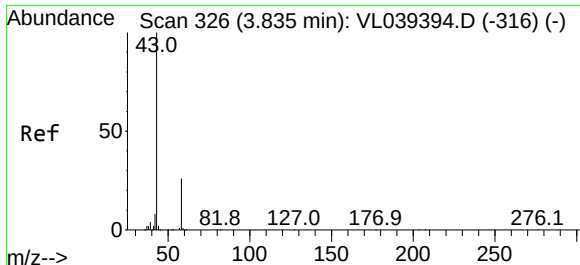
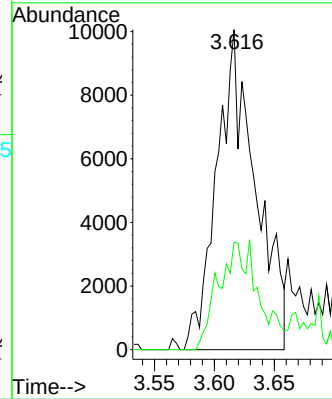
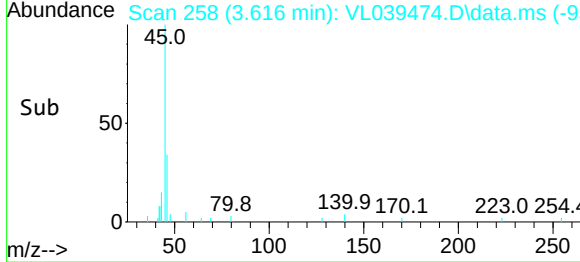
Instrument :
MSVOA_L
ClientSampleId :
SG-7DL



Tgt Ion: 45 Resp: 22669
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

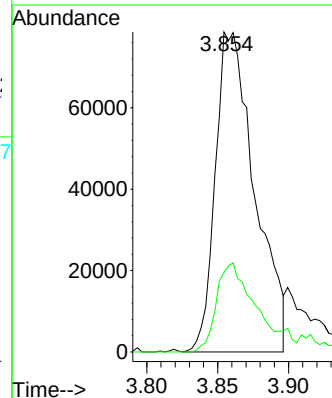
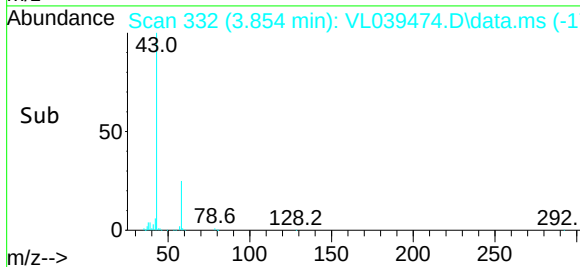
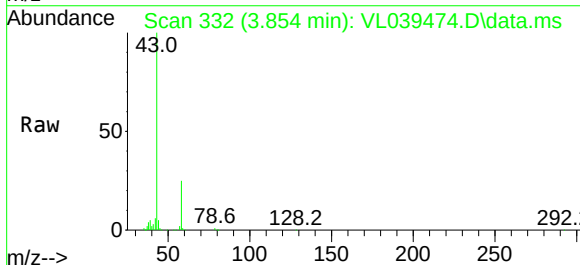
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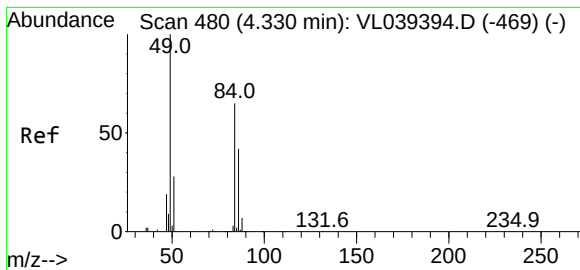
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#15
Acetone
Concen: 1.202 ppbv
RT: 3.854 min Scan# 332
Delta R.T. 0.019 min
Lab File: VL039474.D
Acq: 13 Jul 2022 21:19

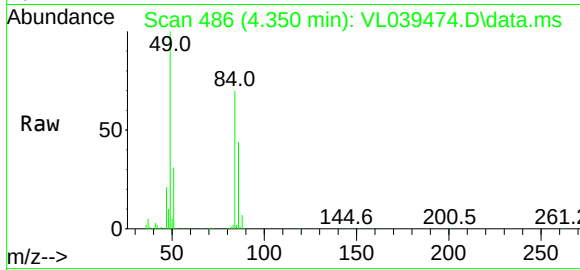
Tgt Ion: 43 Resp: 152900
Ion Ratio Lower Upper
43 100
58 33.3 21.0 31.6





#20
Methylene Chloride
Concen: 5.485 ppbv
RT: 4.350 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL039474.D
Acq: 13 Jul 2022 21:19

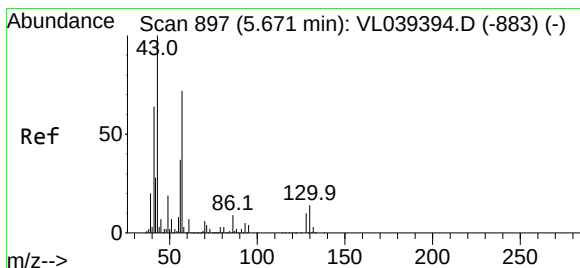
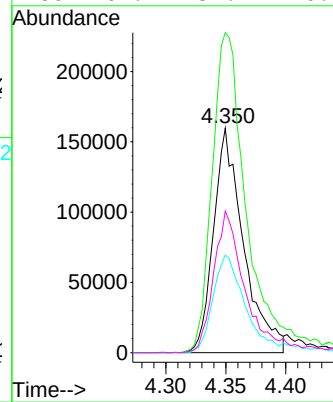
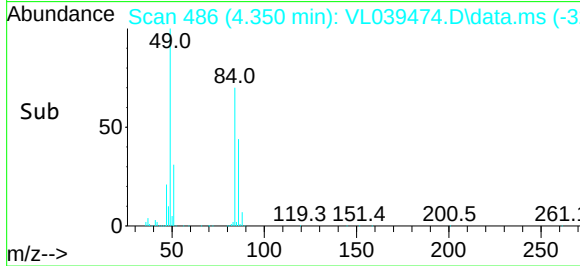
Instrument :
MSVOA_L
ClientSampleId :
SG-7DL



Tgt Ion: 84 Resp: 278172
Ion Ratio Lower Upper
84 100
49 142.4 123.1 184.7
51 43.3 34.4 51.6
86 62.9 51.1 76.7

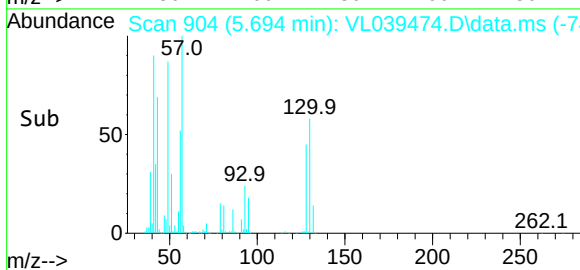
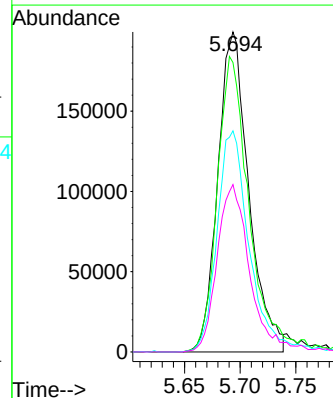
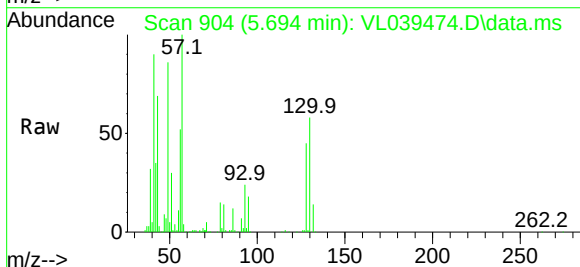
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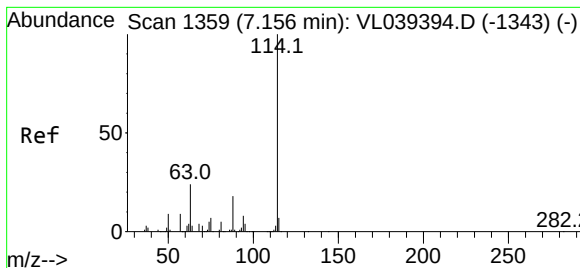
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#26
Hexane
Concen: 3.670 ppbv
RT: 5.694 min Scan# 904
Delta R.T. 0.023 min
Lab File: VL039474.D
Acq: 13 Jul 2022 21:19

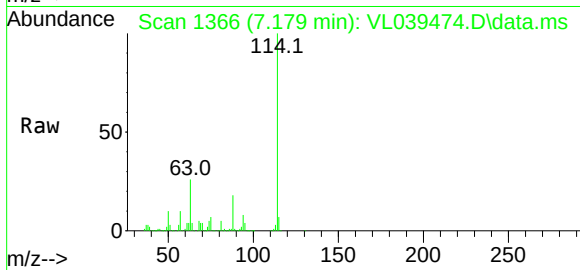
Tgt Ion: 57 Resp: 385932
Ion Ratio Lower Upper
57 100
41 96.8 76.9 115.3
43 73.2 191.0 286.6#
56 56.3 43.2 64.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 114
Delta R.T. 0.023 min
Lab File: VL039474.D
Acq: 13 Jul 2022 21:19

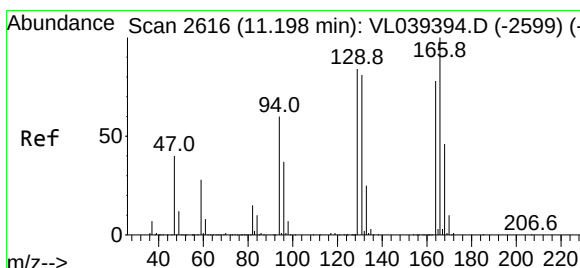
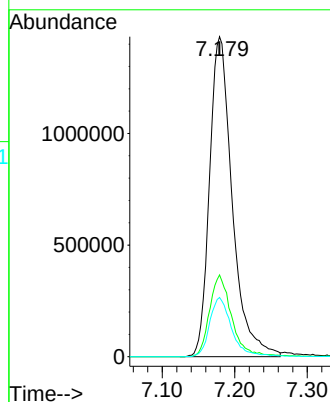
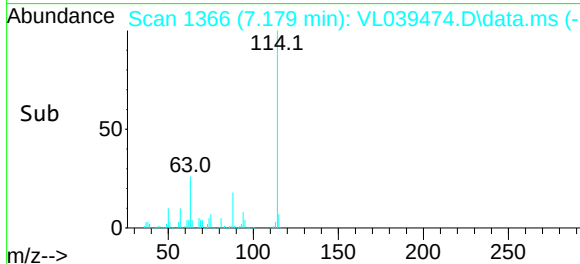
Instrument :
MSVOA_L
ClientSampleId :
SG-7DL



Tgt Ion:114 Resp: 312406
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.4
88 18.0 14.5 21.7

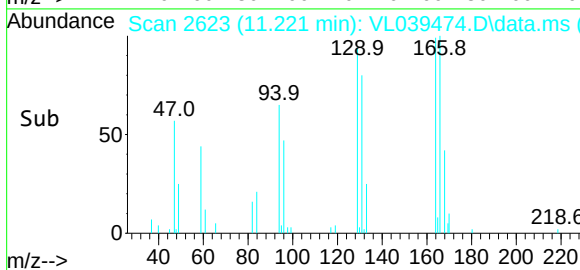
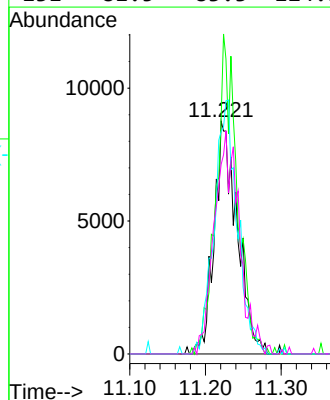
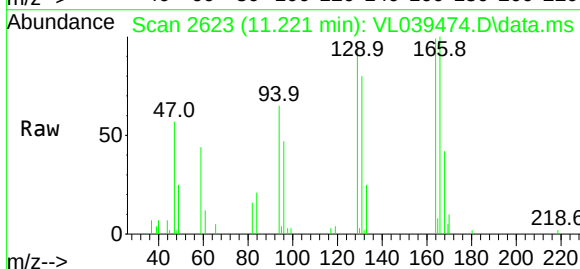
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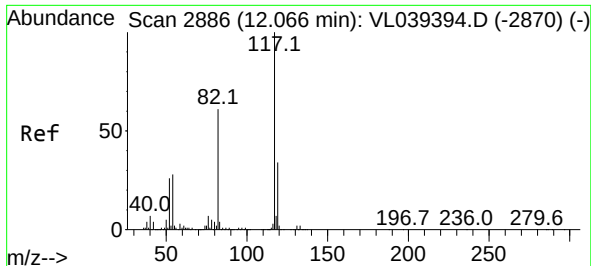
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#52
Tetrachloroethene
Concen: 0.192 ppbv m
RT: 11.221 min Scan# 2623
Delta R.T. 0.023 min
Lab File: VL039474.D
Acq: 13 Jul 2022 21:19

Tgt Ion:164 Resp: 18671
Ion Ratio Lower Upper
164 100
166 101.3 102.2 153.2#
129 95.6 85.8 128.8
131 81.5 83.3 124.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.089 min Scan# 2886

Delta R.T. 0.023 min

Lab File: VL039474.D

Acq: 13 Jul 2022 21:19

Instrument :

MSVOA_L

ClientSampleId :

SG-7DL

Tgt Ion:117 Resp: 280127

Ion Ratio Lower Upper

117 100

82 65.9 50.8 76.2

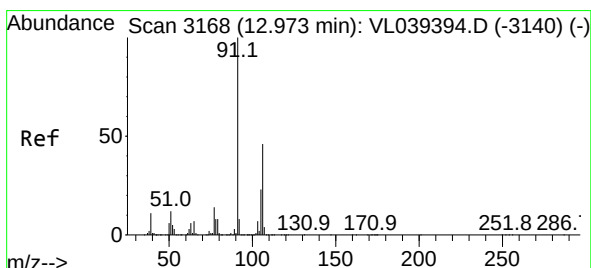
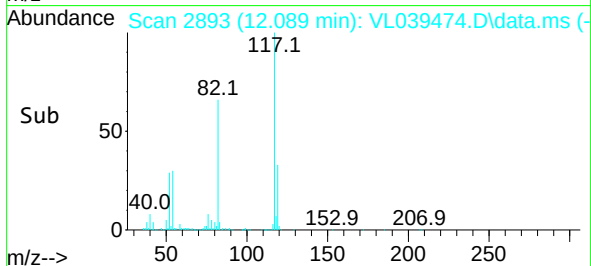
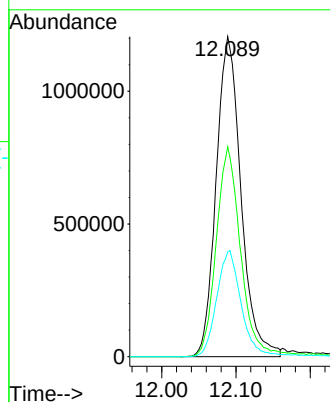
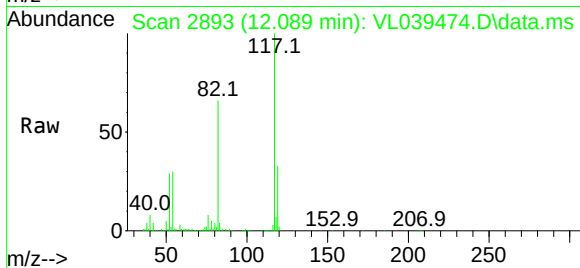
119 33.4 24.1 36.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#59

m/p-Xylene

Concen: 0.167 ppbv m

RT: 12.967 min Scan# 3166

Delta R.T. -0.006 min

Lab File: VL039474.D

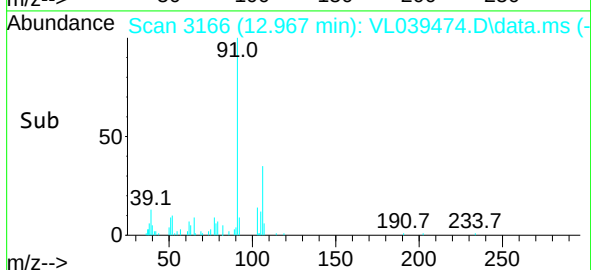
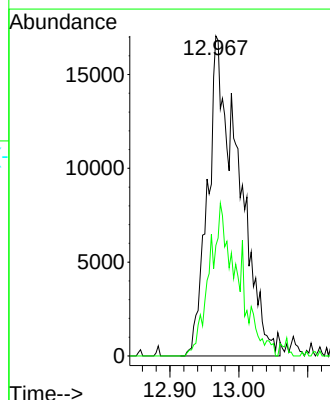
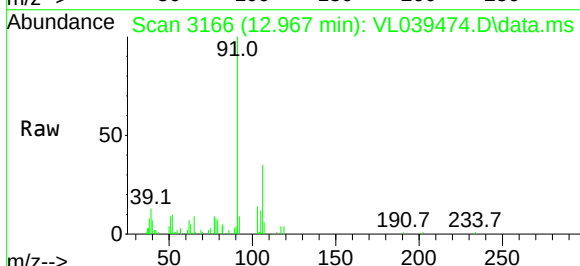
Acq: 13 Jul 2022 21:19

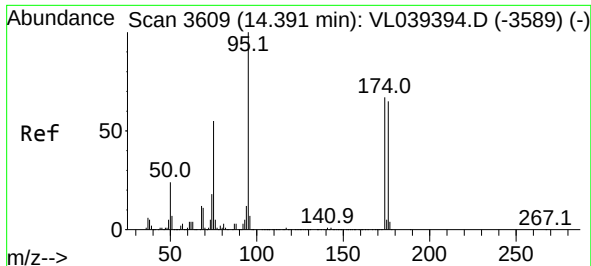
Tgt Ion: 91 Resp: 53280

Ion Ratio Lower Upper

91 100

106 0.0 35.4 53.2#





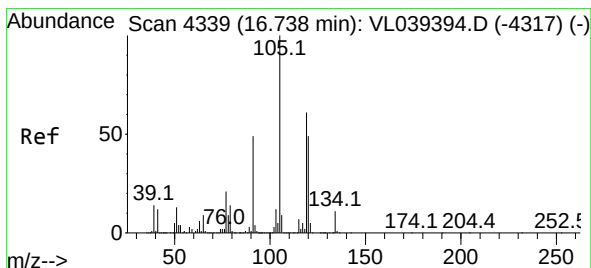
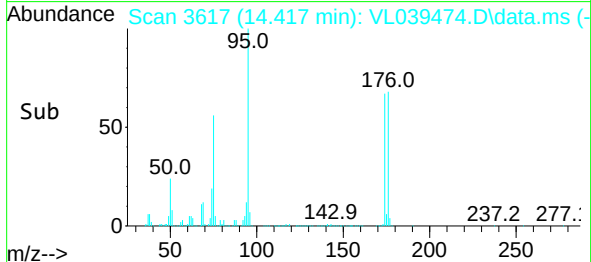
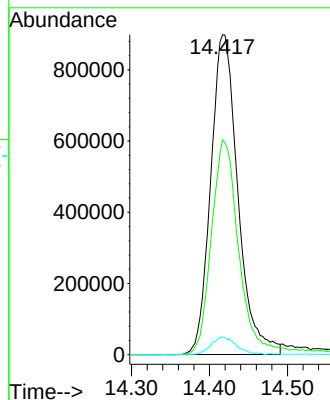
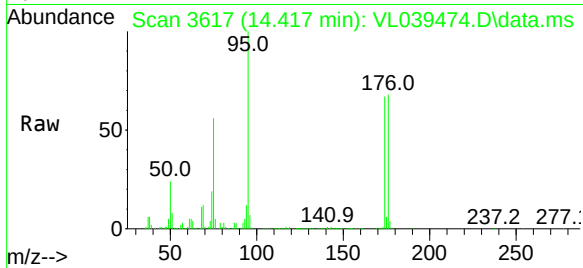
#68
1-Bromo-4-Fluorobenzene
Concen: 10.504 ppbv
RT: 14.417 min Scan# 3609
Delta R.T. 0.026 min
Lab File: VL039474.D
Acq: 13 Jul 2022 21:19

Instrument :
MSVOA_L
ClientSampleId :
SG-7DL

Tgt Ion: 95 Resp: 2182920
Ion Ratio Lower Upper
95 100
174 70.1 55.9 83.9
175 5.3 4.2 6.4

Manual Integrations
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Supervised By :Mahesh Dadoda 07/14/2022



#74
1,2,4-Trimethylbenzene
Concen: 0.149 ppbv m
RT: 16.764 min Scan# 4347
Delta R.T. 0.026 min
Lab File: VL039474.D
Acq: 13 Jul 2022 21:19

Tgt Ion:105 Resp: 53713
Ion Ratio Lower Upper
105 100
120 38.7 39.5 59.3#
91 8.6 39.2 58.8#
77 16.2 17.2 25.8#

