

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039461.D
 Acq On : 12 Jul 2022 23:50
 Operator : SY/AP
 Sample : N3660-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 01:42:22 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 13 11:33:07 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	1363226	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.192	114	3762659	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.098	117	3352687	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	2548664	10.247	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.500%
Target Compounds						
					Qvalue	
9) Propene	3.034	41	12631m	0.162	ppbv	
13) Ethanol	3.626	45	41906m	9.248	ppbv	
15) Acetone	3.867	43	227547	1.411	ppbv	94
20) Methylene Chloride	4.359	84	538610	8.379	ppbv	94
26) Hexane	5.706	57	865941	6.496	ppbv #	37
52) Tetrachloroethene	11.246	164	44779m	0.382	ppbv	
74) 1,2,4-Trimethylbenzene	16.776	105	47236	0.109	ppbv #	76

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

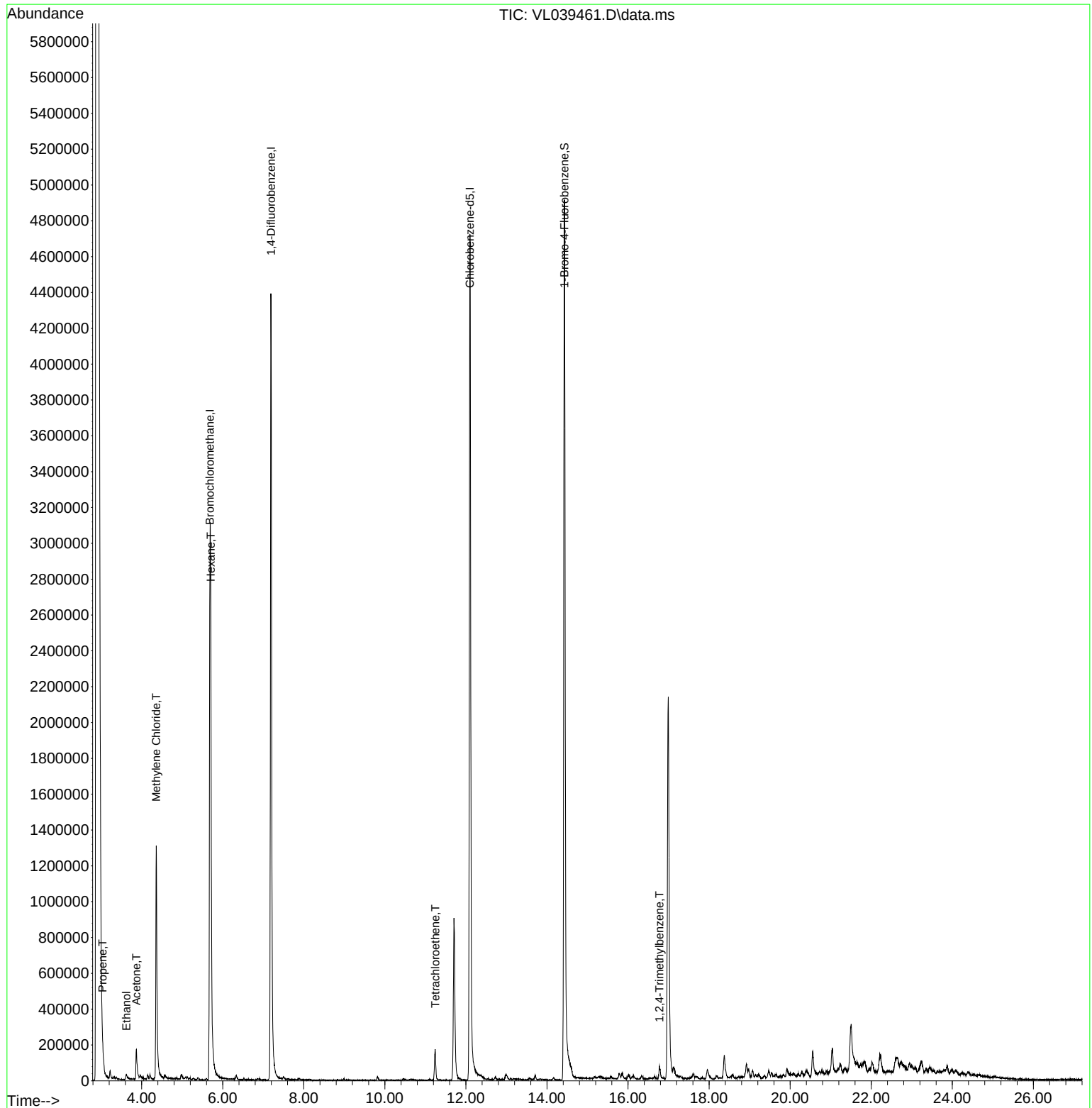
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
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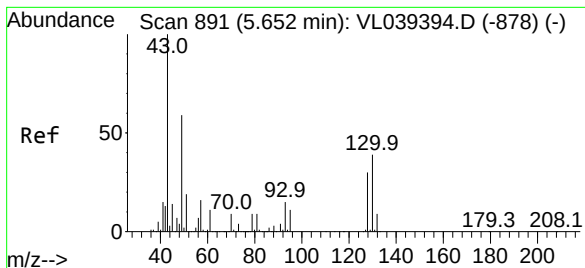
Instrument :
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Quant Time: Jul 13 01:42:22 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
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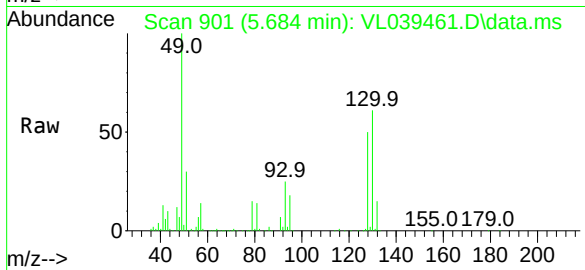
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.684 min Scan# 90
Delta R.T. 0.032 min
Lab File: VL039461.D
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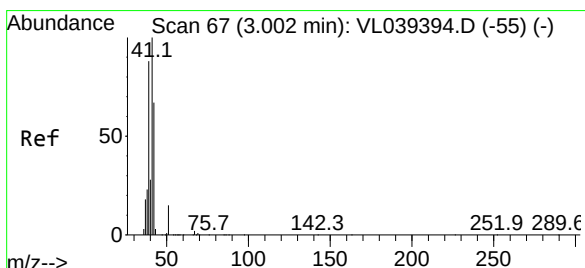
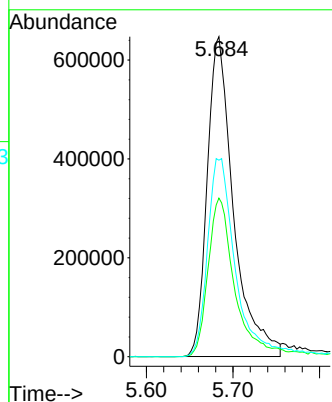
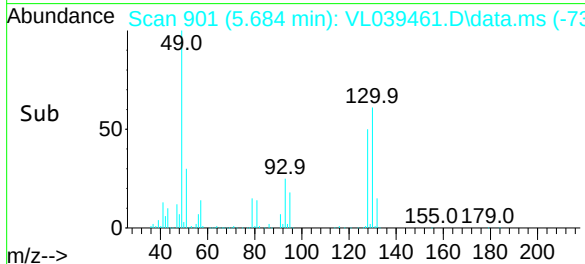
Instrument :
MSVOA_L
ClientSampleId :
SG-1DL



Tgt Ion: 49 Resp: 1363220
Ion Ratio Lower Upper
49 100
128 52.2 26.7 80.0
130 68.2 34.3 102.8

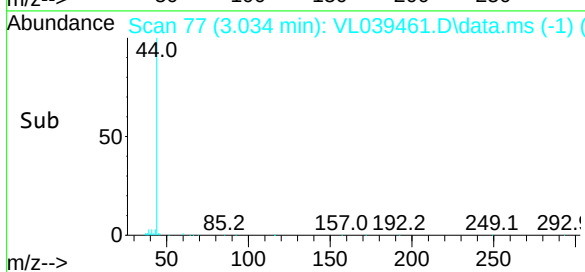
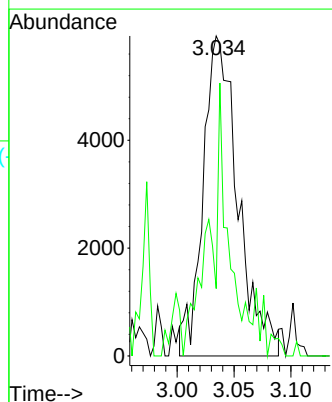
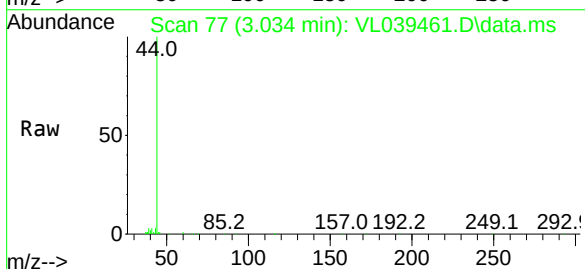
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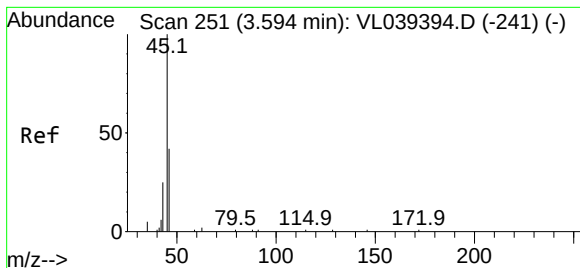
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#9
Propene
Concen: 0.162 ppbv m
RT: 3.034 min Scan# 77
Delta R.T. 0.032 min
Lab File: VL039461.D
Acq: 12 Jul 2022 23:50

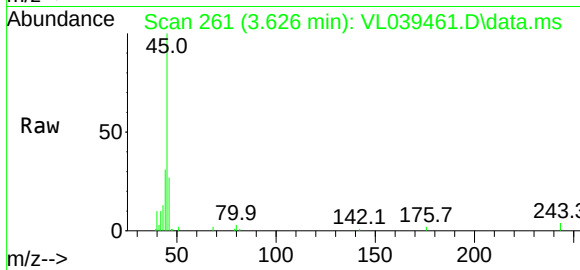
Tgt Ion: 41 Resp: 12631
Ion Ratio Lower Upper
41 100
42 10.0 55.2 82.8#





#13
Ethanol
Concen: 9.248 ppbv m
RT: 3.626 min Scan# 2
Delta R.T. 0.032 min
Lab File: VL039461.D
Acq: 12 Jul 2022 23:50

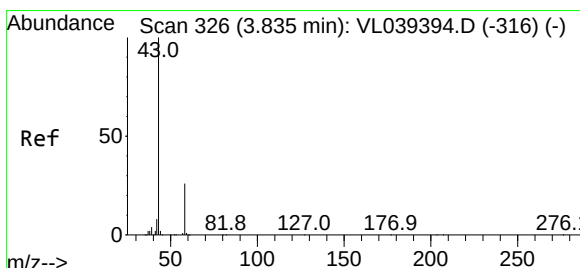
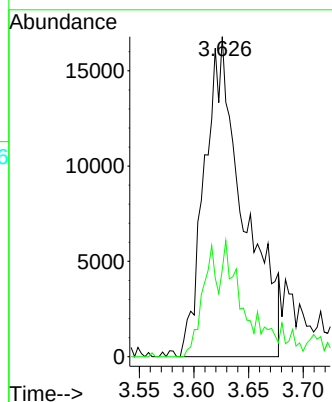
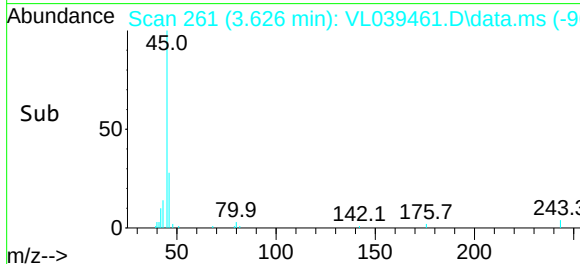
Instrument :
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ClientSampleId :
SG-1DL



Tgt Ion: 45 Resp: 41900
Ion Ratio Lower Upper
45 100
46 30.3 22.8 91.2

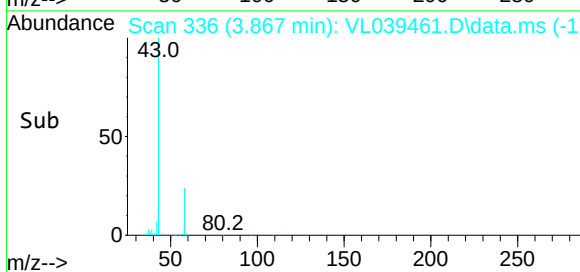
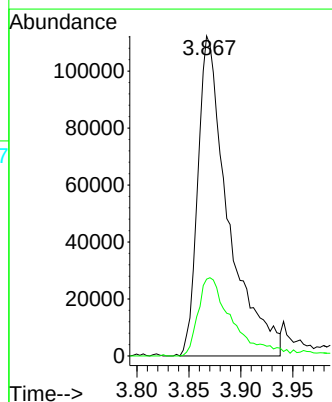
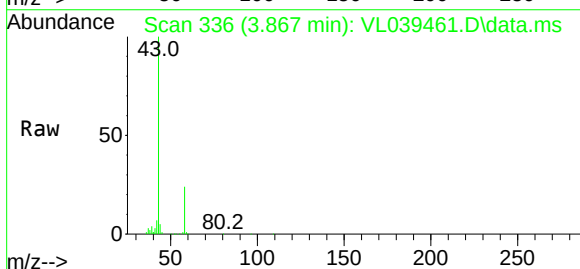
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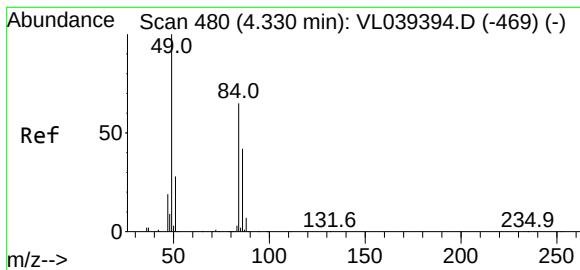
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#15
Acetone
Concen: 1.411 ppbv
RT: 3.867 min Scan# 336
Delta R.T. 0.032 min
Lab File: VL039461.D
Acq: 12 Jul 2022 23:50

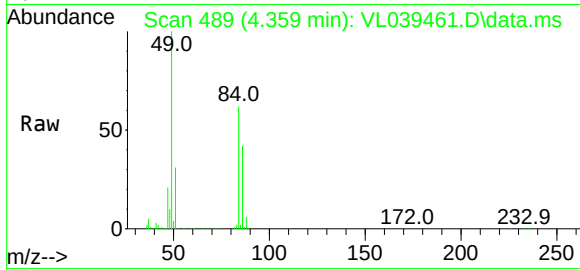
Tgt Ion: 43 Resp: 227547
Ion Ratio Lower Upper
43 100
58 29.2 21.0 31.6





#20
Methylene Chloride
Concen: 8.379 ppbv
RT: 4.359 min Scan# 41
Delta R.T. 0.029 min
Lab File: VL039461.D
Acq: 12 Jul 2022 23:50

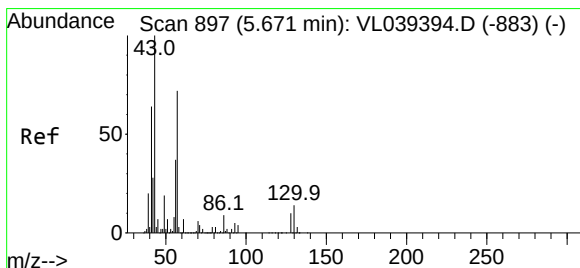
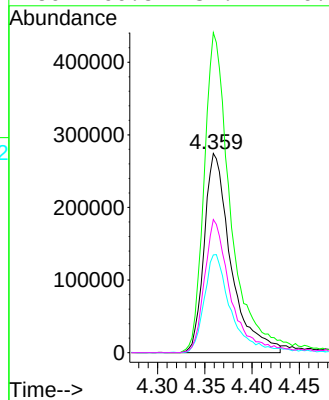
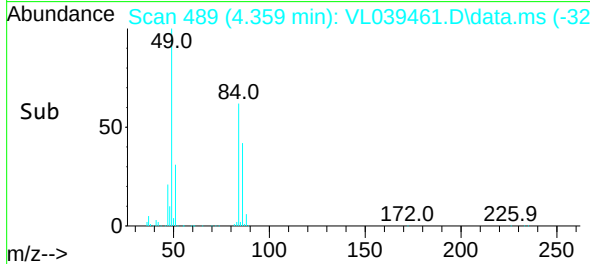
Instrument :
MSVOA_L
ClientSampleId :
SG-1DL



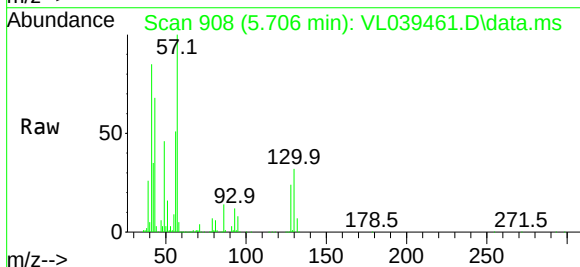
Tgt Ion: 84 Resp: 538610
Ion Ratio Lower Upper
84 100
49 160.7 123.1 184.7
51 49.0 34.4 51.6
86 66.8 51.1 76.7

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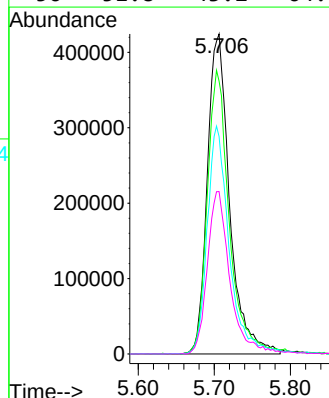
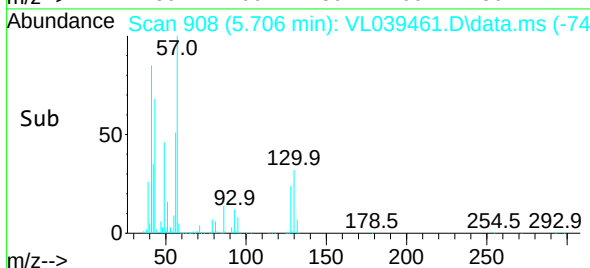
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

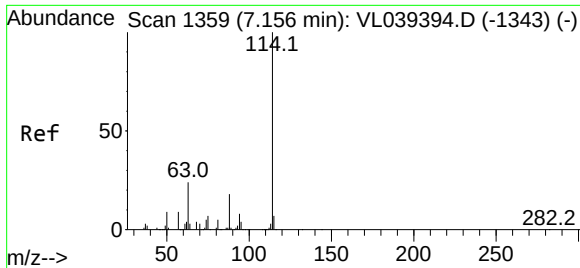


#26
Hexane
Concen: 6.496 ppbv
RT: 5.706 min Scan# 908
Delta R.T. 0.035 min
Lab File: VL039461.D
Acq: 12 Jul 2022 23:50



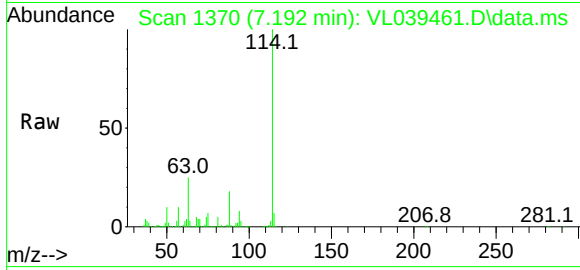
Tgt Ion: 57 Resp: 865941
Ion Ratio Lower Upper
57 100
41 88.5 76.9 115.3
43 70.3 191.0 286.6#
56 51.8 43.2 64.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.192 min Scan# 114
Delta R.T. 0.035 min
Lab File: VL039461.D
Acq: 12 Jul 2022 23:50

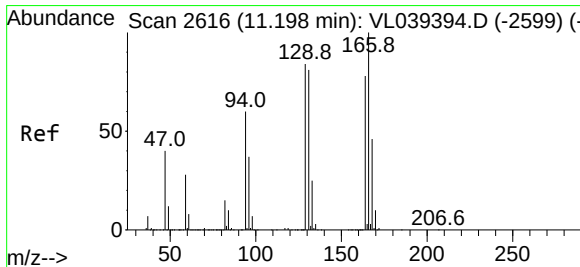
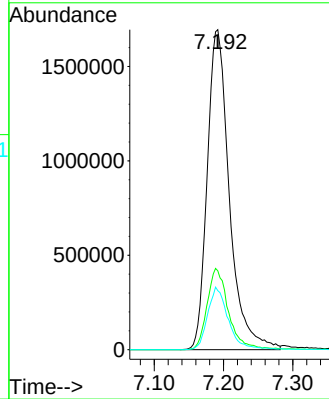
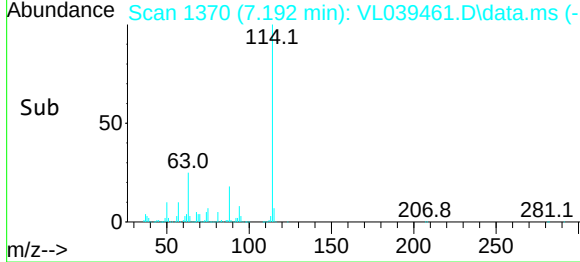
Instrument :
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Tgt Ion:114 Resp: 3762659
Ion Ratio Lower Upper
114 100
63 24.8 20.2 30.4
88 18.6 14.5 21.7

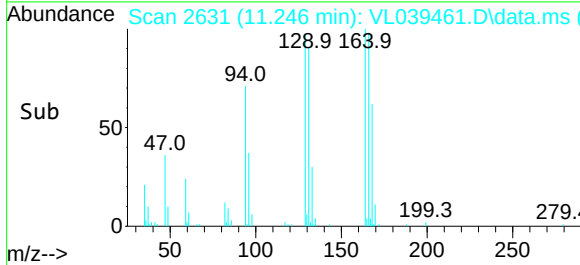
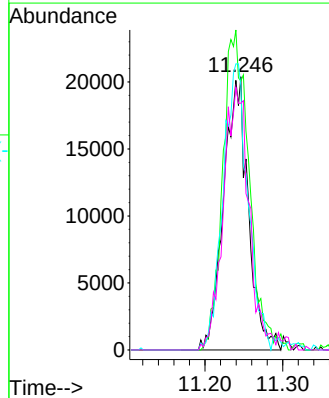
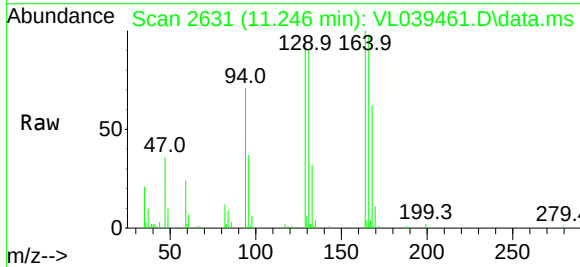
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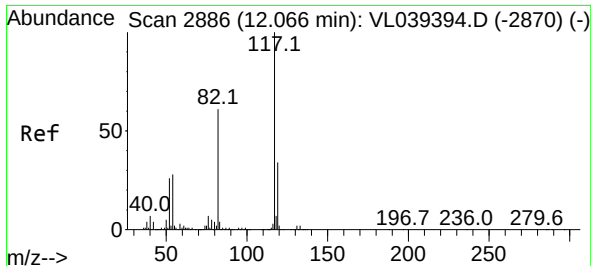
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#52
Tetrachloroethene
Concen: 0.382 ppbv m
RT: 11.246 min Scan# 2631
Delta R.T. 0.048 min
Lab File: VL039461.D
Acq: 12 Jul 2022 23:50

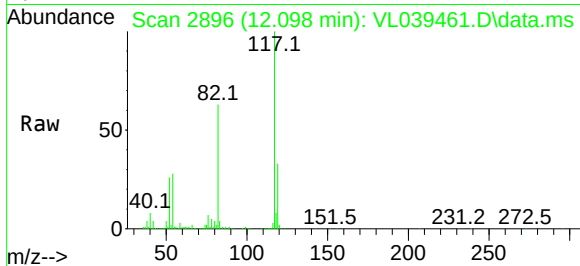
Tgt Ion:164 Resp: 44779
Ion Ratio Lower Upper
164 100
166 98.4 102.2 153.2#
129 96.6 85.8 128.8
131 90.3 83.3 124.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL039461.D
Acq: 12 Jul 2022 23:50

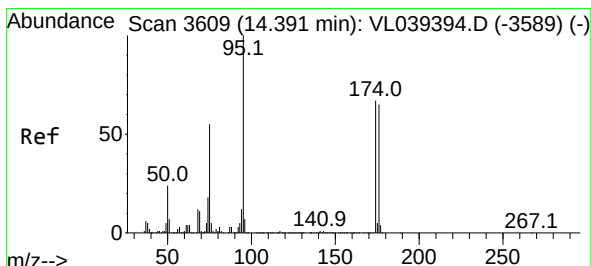
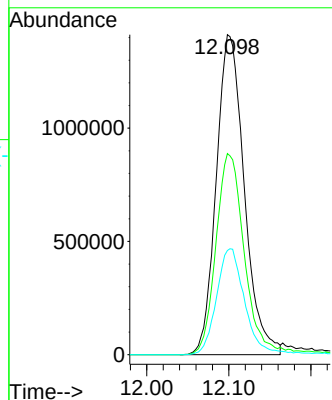
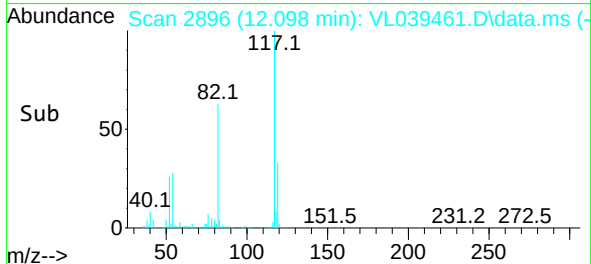
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MSVOA_L
ClientSampleId :
SG-1DL



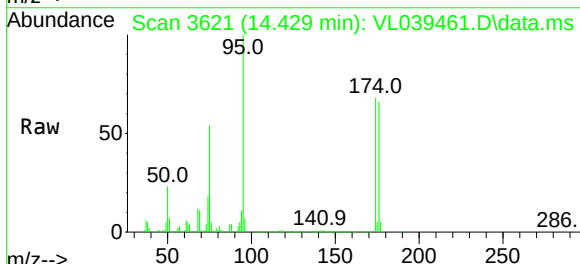
Tgt Ion: 117 Resp: 335268
Ion Ratio Lower Upper
117 100
82 65.4 50.8 76.2
119 33.9 24.1 36.1

Manual Integrations
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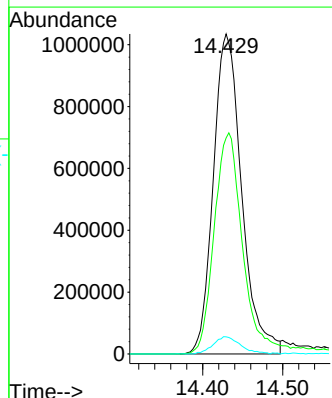
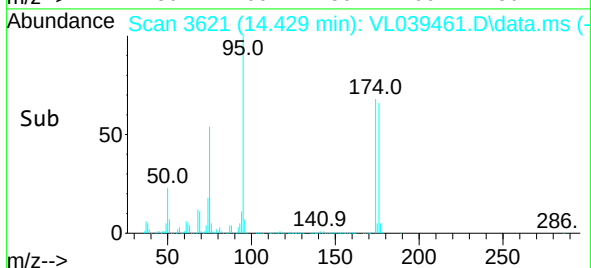
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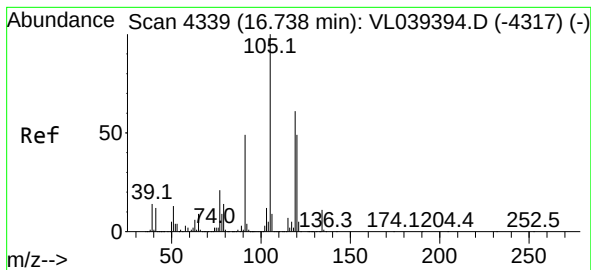


#68
1-Bromo-4-Fluorobenzene
Concen: 10.247 ppbv
RT: 14.429 min Scan# 3621
Delta R.T. 0.038 min
Lab File: VL039461.D
Acq: 12 Jul 2022 23:50



Tgt Ion: 95 Resp: 2548664
Ion Ratio Lower Upper
95 100
174 72.9 55.9 83.9
175 5.3 4.2 6.4





#74

1,2,4-Trimethylbenzene

Concen: 0.109 ppbv

RT: 16.776 min Scan# 41

Delta R.T. 0.038 min

Lab File: VL039461.D

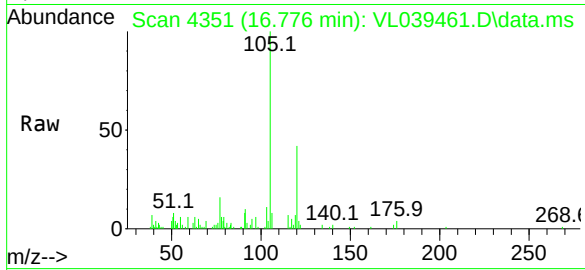
Acq: 12 Jul 2022 23:50

Instrument :

MSVOA_L

ClientSampleId :

SG-1DL



Tgt Ion:105 Resp: 47230

Ion Ratio Lower Upper

105 100

120 42.3 39.5 59.3

91 18.9 39.2 58.8

77 15.7 17.2 25.8

Manual Integrations

APPROVED

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