

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
 Data File : VL039307.D
 Acq On : 15 Jun 2022 22:37
 Operator : SY/AP
 Sample : N3326-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 S V2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 04:38:17 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jun 0
 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	5.655	49	1340719	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.160	114	3815857	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.066	117	3291679	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	2449316	9.000	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.000%
Target Compounds						
9) Propene	3.015	41	206404m	2.775	ppbv	Qvalue
13) Ethanol	3.603	45	8659m	2.135	ppbv	
15) Acetone	3.848	43	516752	3.700	ppbv	94
17) tert-Butyl alcohol	4.301	59	22972	0.212	ppbv #	87
20) Methylene Chloride	4.337	84	10022m	0.170	ppbv	
26) Hexane	5.671	57	54061m	0.391	ppbv	
32) 1,1,1-Trichloroethane	6.494	97	12455	0.055	ppbv	95
52) Tetrachloroethene	11.208	164	8078m	0.067	ppbv	

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

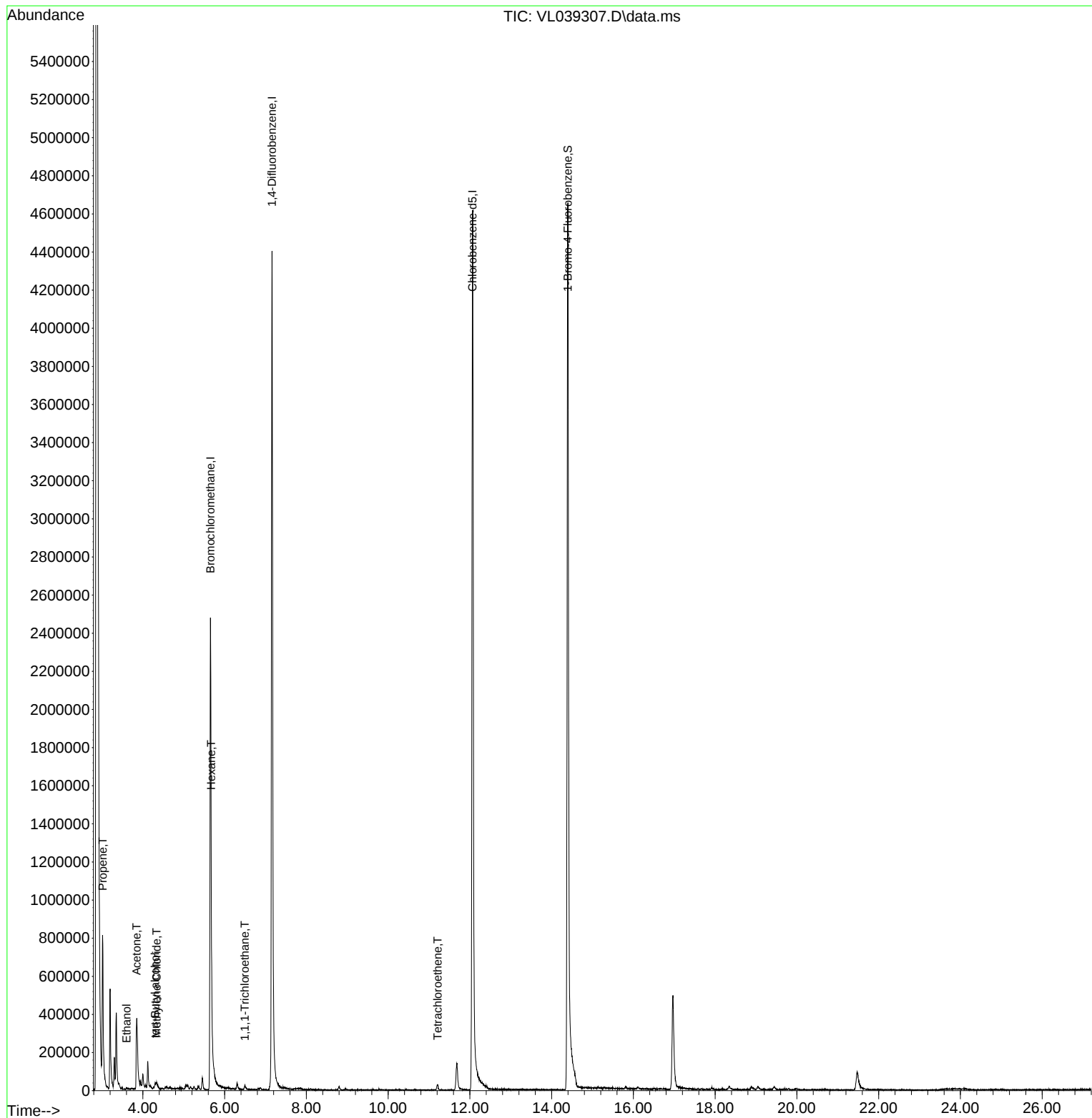
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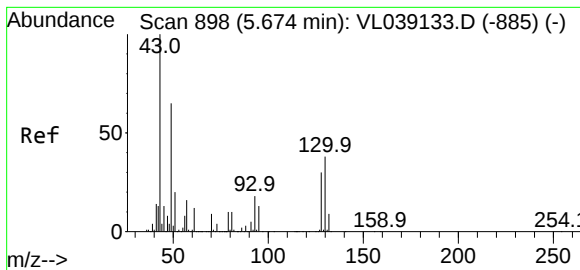
Instrument :
MSVOA_L
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QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

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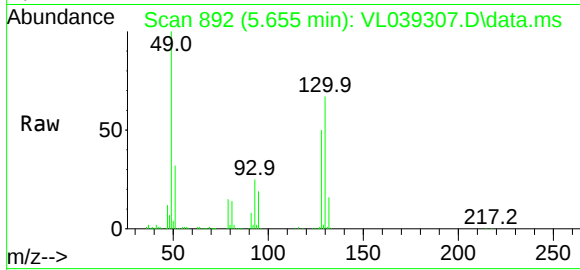
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 89
Delta R.T. -0.019 min
Lab File: VL039307.D
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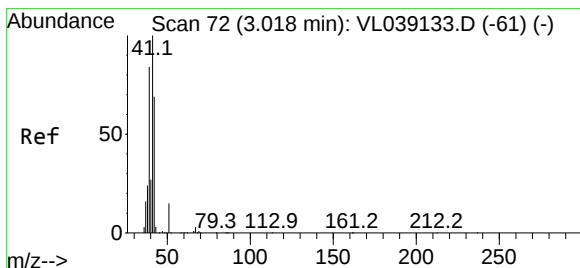
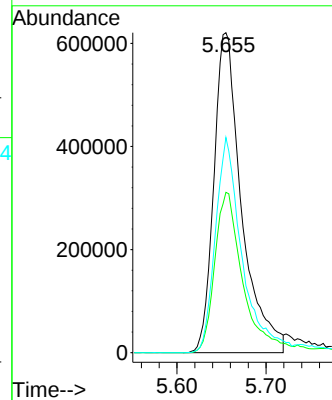
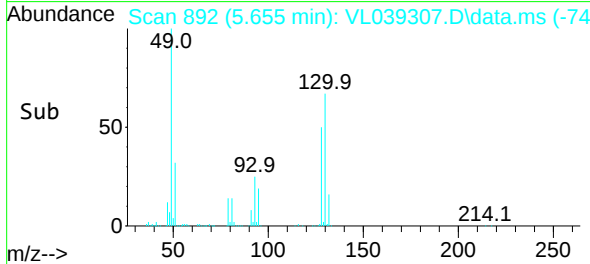
Instrument :
MSVOA_L
ClientSampleId :
S V2DL



Tgt Ion: 49 Resp: 1340719
Ion Ratio Lower Upper
49 100
128 54.0 24.7 74.1
130 69.0 31.4 94.0

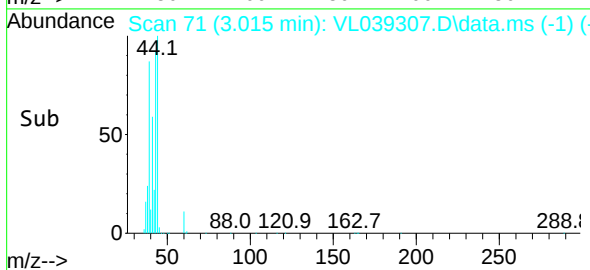
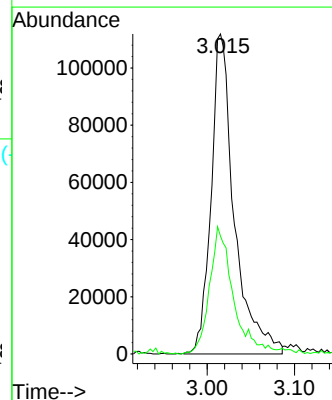
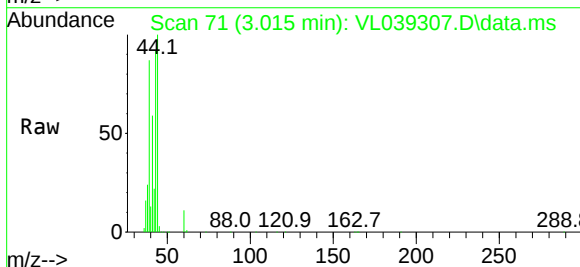
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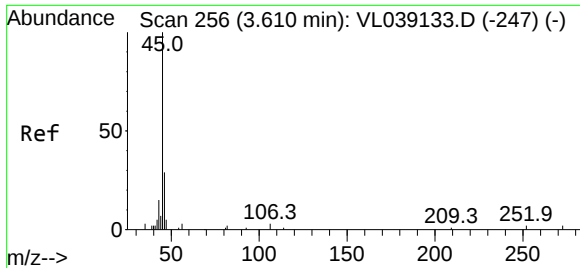
Reviewed By :Semsettin Yesilyurt 06/16/2022
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#9
Propene
Concen: 2.775 ppbv m
RT: 3.015 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

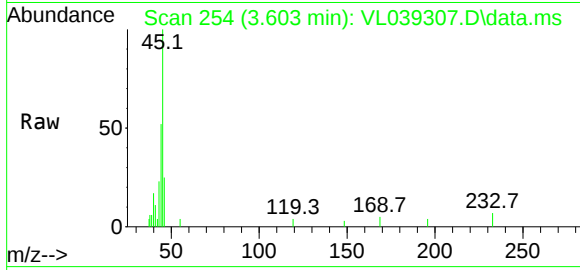
Tgt Ion: 41 Resp: 206404
Ion Ratio Lower Upper
41 100
42 59.5 55.4 83.2





#13
Ethanol
Concen: 2.135 ppbv m
RT: 3.603 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

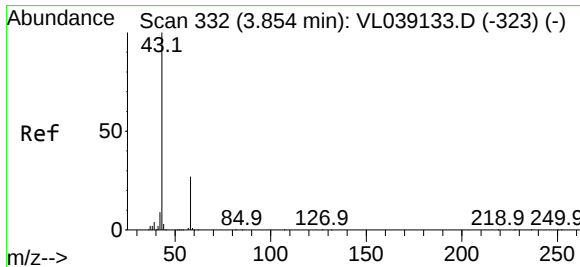
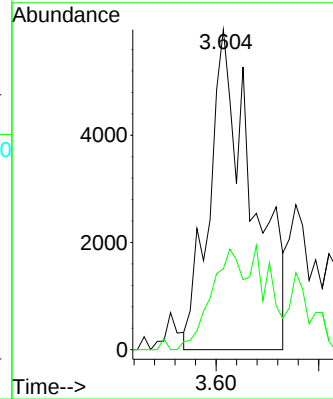
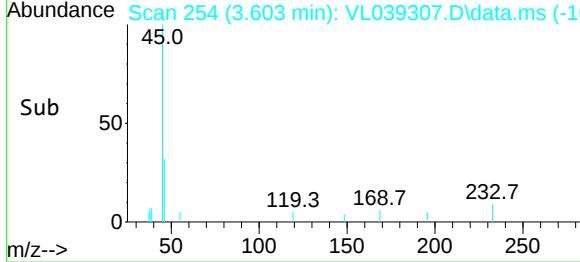
Instrument :
MSVOA_L
ClientSampleId :
S V2DL



Tgt Ion: 45 Resp: 865
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

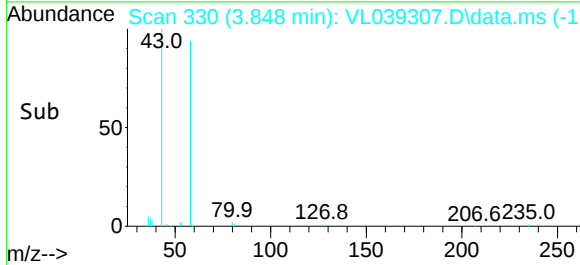
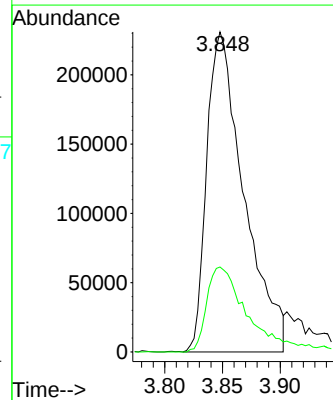
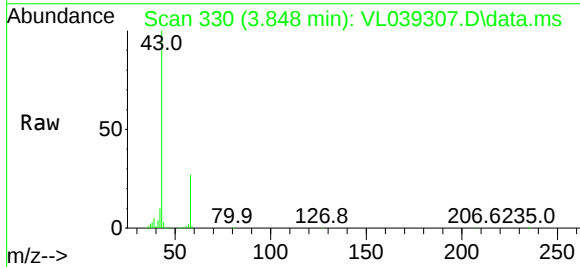
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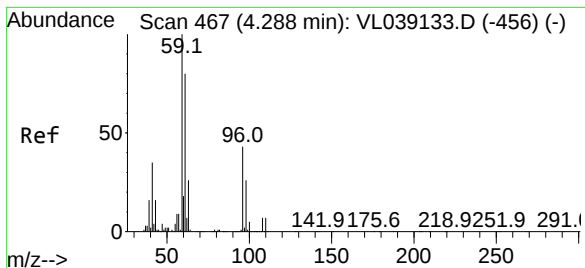
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#15
Acetone
Concen: 3.700 ppbv
RT: 3.848 min Scan# 330
Delta R.T. -0.006 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

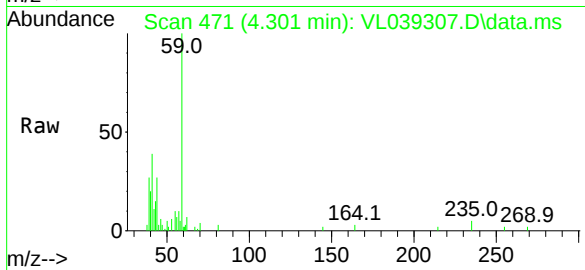
Tgt Ion: 43 Resp: 516752
Ion Ratio Lower Upper
43 100
58 31.2 22.5 33.7





#17
tert-Butyl alcohol
Concen: 0.212 ppbv
RT: 4.301 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

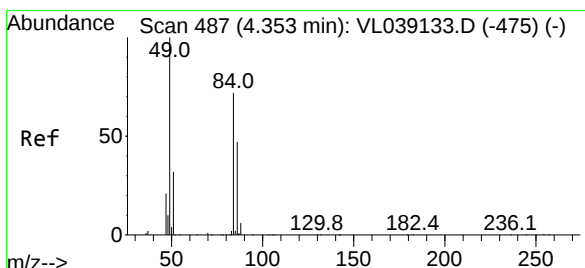
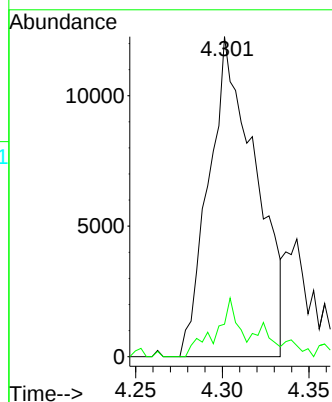
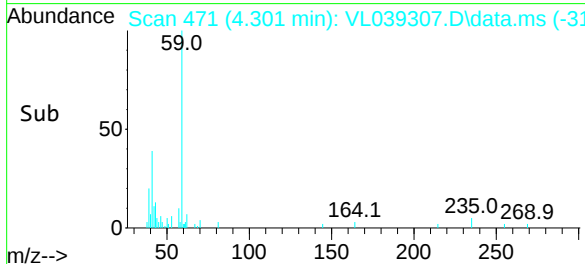
Instrument :
MSVOA_L
ClientSampleId :
S V2DL



Tgt Ion: 59 Resp: 22972
Ion Ratio Lower Upper
59 100
57 16.3 9.1 13.7

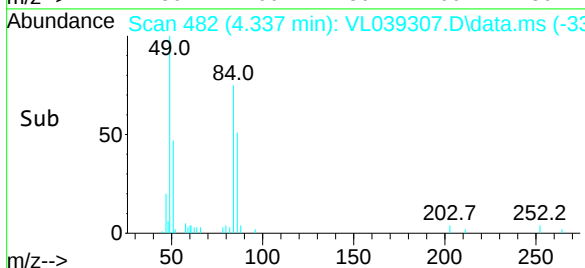
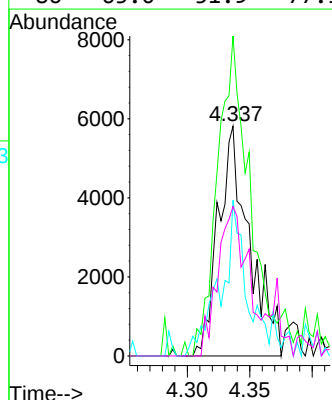
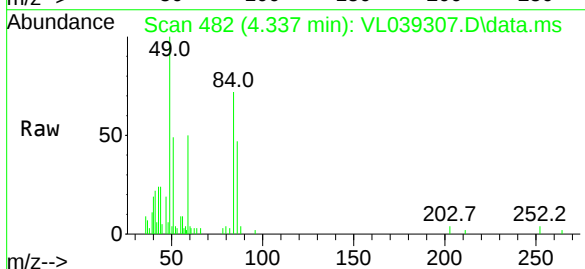
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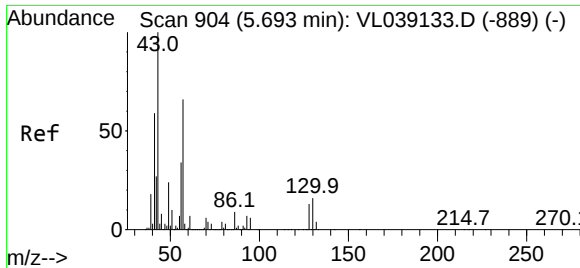
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#20
Methylene Chloride
Concen: 0.170 ppbv m
RT: 4.337 min Scan# 482
Delta R.T. -0.016 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

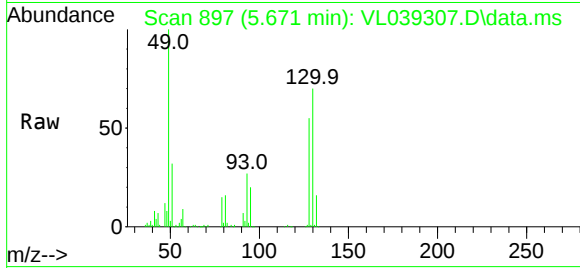
Tgt Ion: 84 Resp: 10022
Ion Ratio Lower Upper
84 100
49 139.3 111.1 166.7
51 67.8 35.3 52.9#
86 65.0 51.9 77.9





#26
Hexane
Concen: 0.391 ppbv m
RT: 5.671 min Scan# 897
Delta R.T. -0.022 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

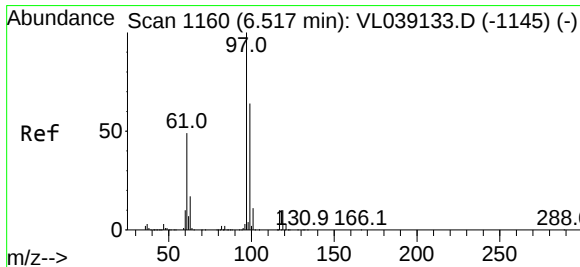
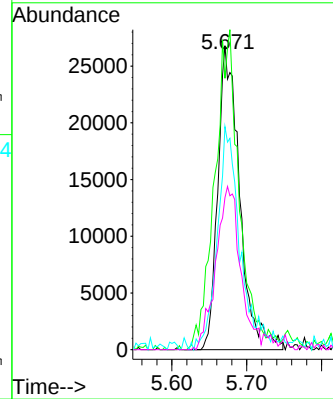
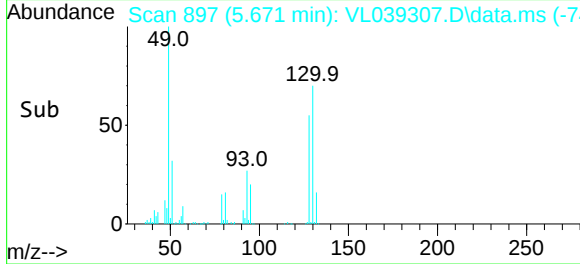
Instrument :
MSVOA_L
ClientSampleId :
S V2DL



Tgt Ion: 57 Resp: 5406
Ion Ratio Lower Upper
57 100
41 120.2 72.4 108.6
43 0.0 187.0 280.6
56 63.7 41.8 62.6

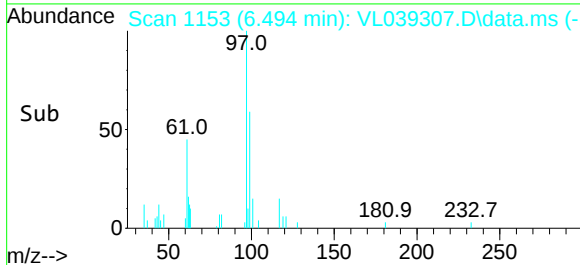
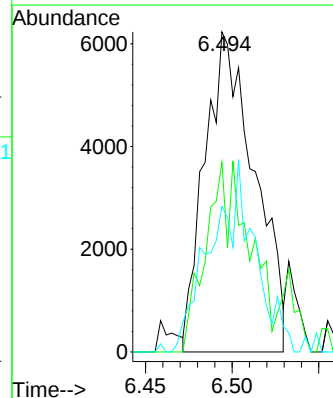
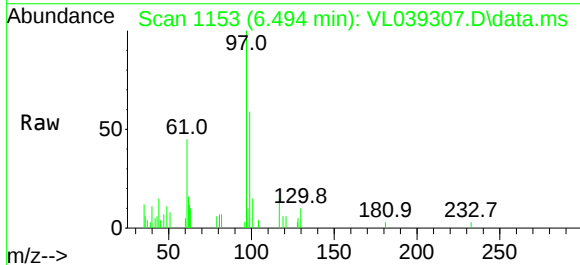
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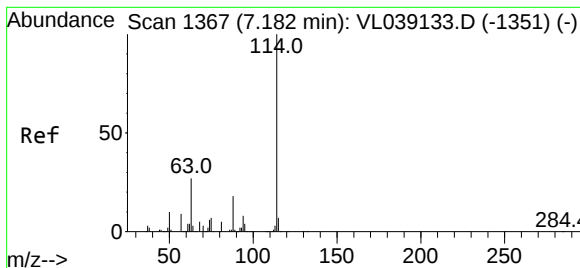
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#32
1,1,1-Trichloroethane
Concen: 0.055 ppbv
RT: 6.494 min Scan# 1153
Delta R.T. -0.022 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

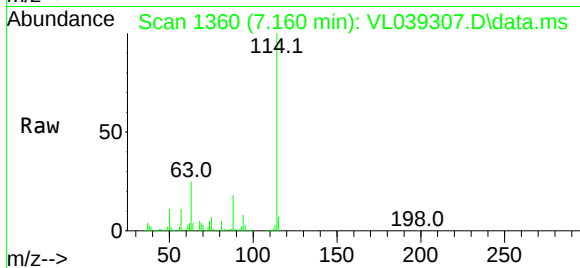
Tgt Ion: 97 Resp: 12455
Ion Ratio Lower Upper
97 100
99 61.2 52.1 78.1
61 52.7 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 114
Delta R.T. -0.022 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

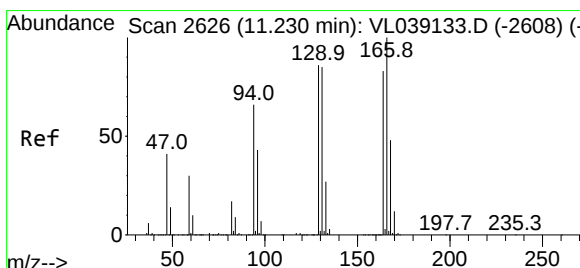
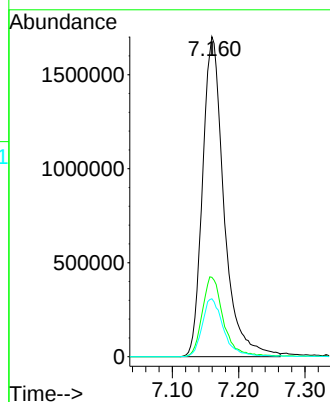
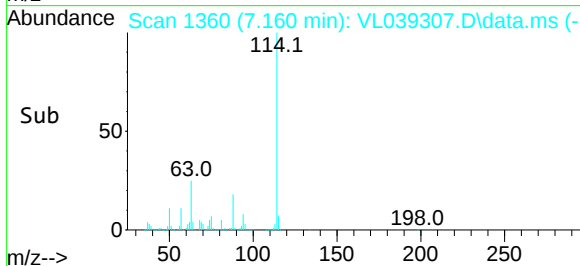
Instrument :
MSVOA_L
ClientSampleId :
S V2DL



Tgt Ion:114 Resp: 381585
Ion Ratio Lower Upper
114 100
63 25.0 21.7 32.5
88 18.3 14.8 22.2

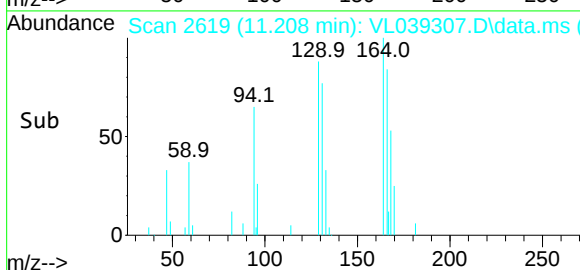
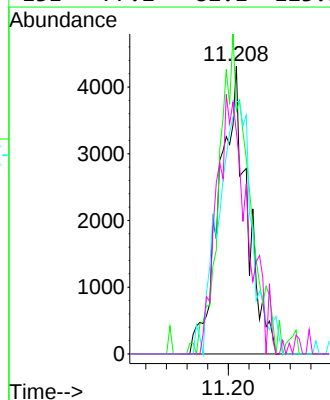
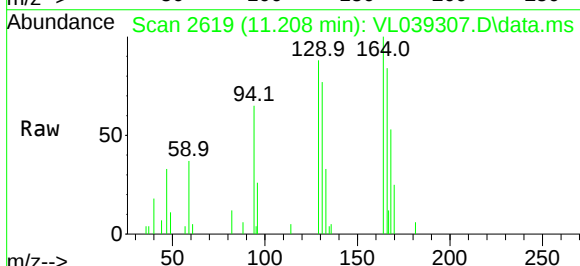
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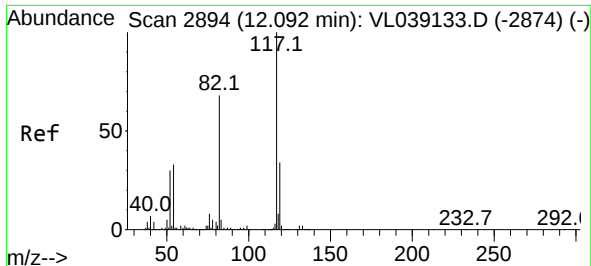
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Supervised By :Mahesh Dadoda 06/17/2022



#52
Tetrachloroethene
Concen: 0.067 ppbv m
RT: 11.208 min Scan# 2619
Delta R.T. -0.022 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

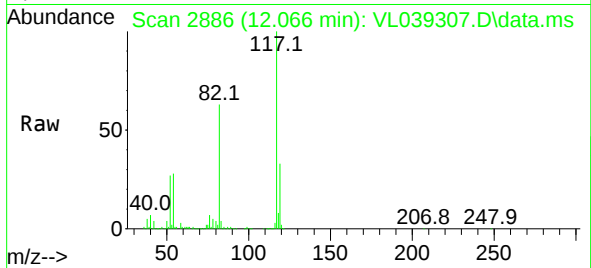
Tgt Ion:164 Resp: 8078
Ion Ratio Lower Upper
164 100
166 84.4 96.3 144.5#
129 87.7 82.5 123.7
131 77.2 82.1 123.1#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.026 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

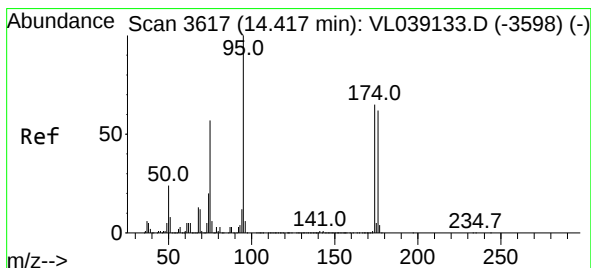
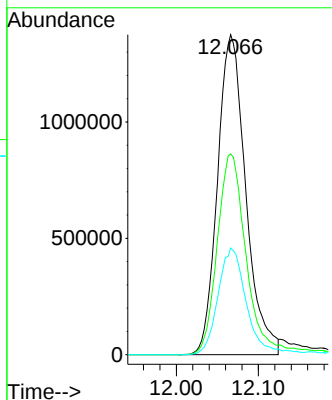
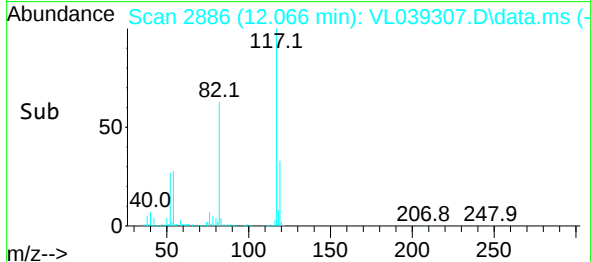
Instrument : MSVOA_L
ClientSampleId : S V2DL



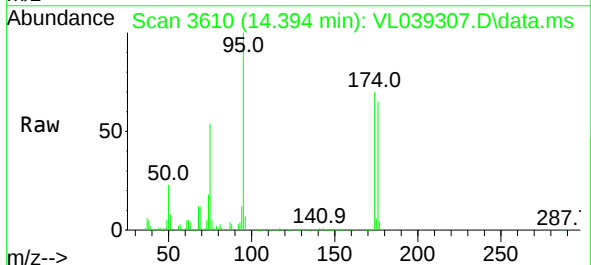
Tgt Ion: 117 Resp: 3291679
Ion Ratio Lower Upper
117 100
82 67.9 55.1 82.7
119 34.4 24.7 37.1

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.000 ppbv
RT: 14.394 min Scan# 3610
Delta R.T. -0.022 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37



Tgt Ion: 95 Resp: 2449316
Ion Ratio Lower Upper
95 100
174 75.6 53.8 80.8
175 5.5 4.1 6.1

