

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051122\
 Data File : VL039031.D
 Acq On : 11 May 2022 22:24
 Operator : SY/AP
 Sample : N2753-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 12 02:01:42 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.645	49	985245	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.150	114	2718249	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.056	117	2322510	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.381	95	1681051	9.140	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.400%
Target Compounds						
9) Propene	3.002	41	24465	0.458	ppbv	96
10) Heptane	8.095	43	53492	0.408	ppbv	97
13) Ethanol	3.594	45	61978m	16.404	ppbv	
15) Acetone	3.838	43	227934	2.453	ppbv #	83
20) Methylene Chloride	4.327	84	25290	0.722	ppbv	90
26) Hexane	5.668	57	335715	3.397	ppbv #	18
34) 2-Butanone	5.227	43	306435	2.210	ppbv	95
52) Tetrachloroethene	11.192	164	29721m	0.358	ppbv	

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

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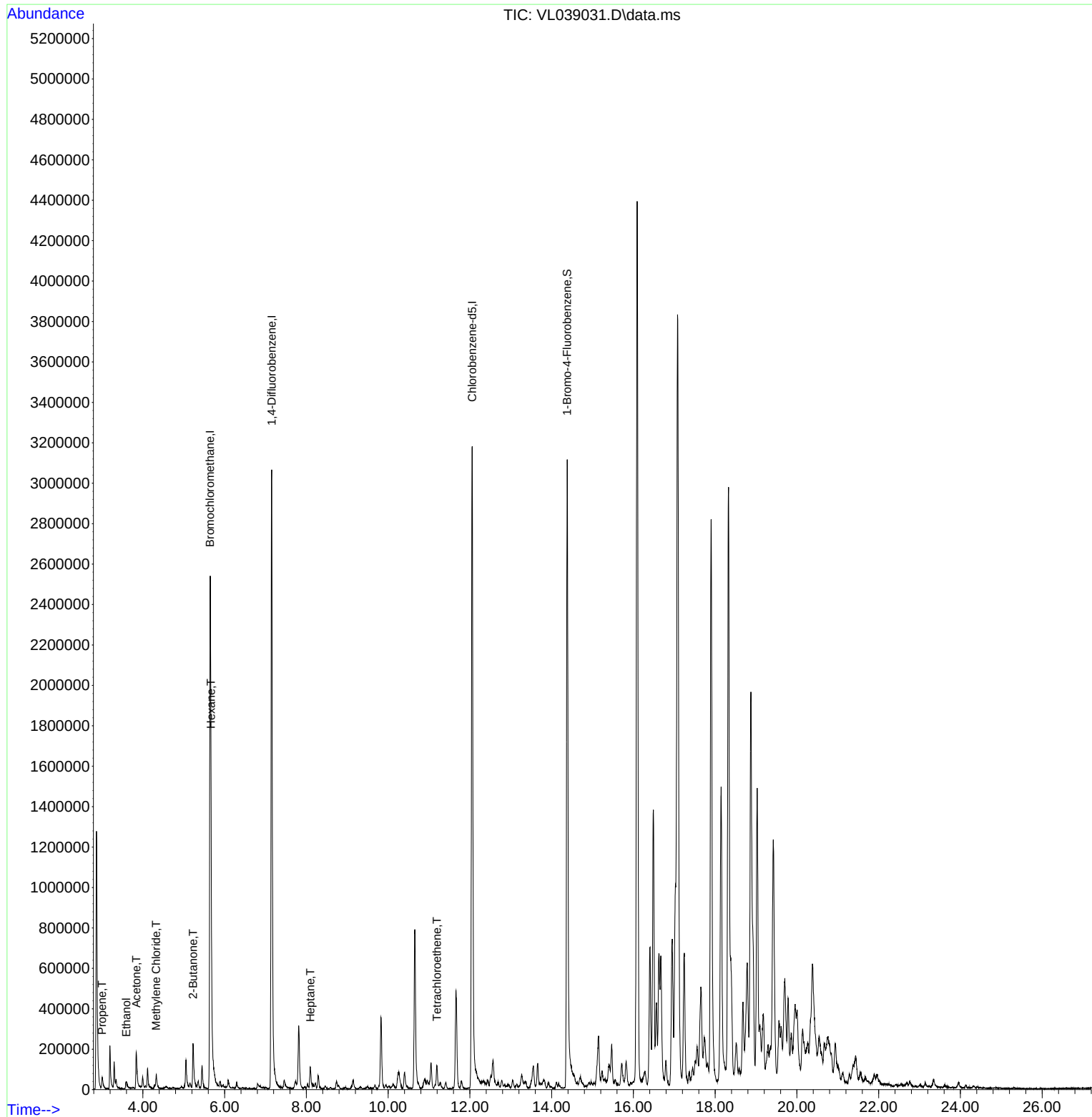
Quant Time: May 12 02:01:42 2022

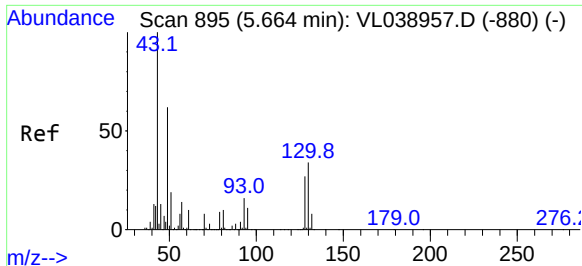
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration





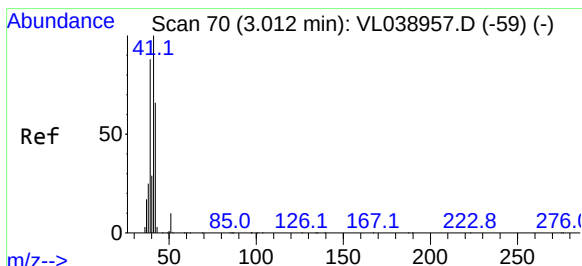
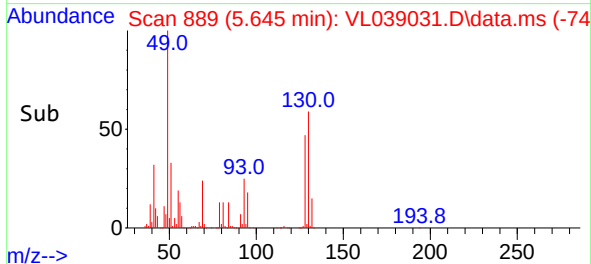
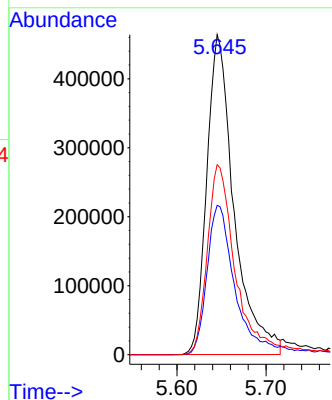
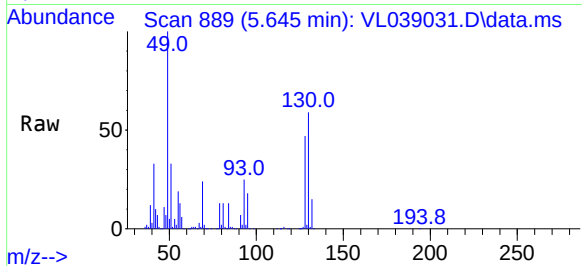
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.645 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL039031.D
Acq: 11 May 2022 22:24

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 98524
Ion Ratio Lower Upper
49 100
128 50.2 23.3 69.8
130 63.4 29.8 89.3

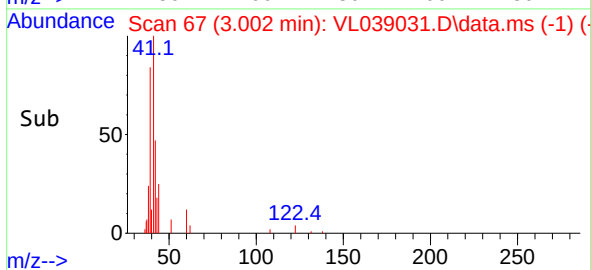
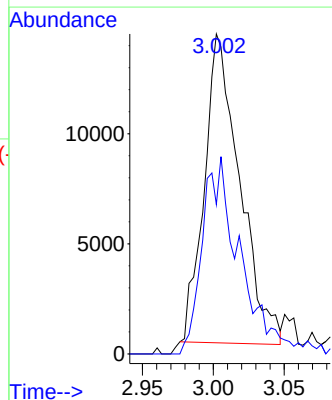
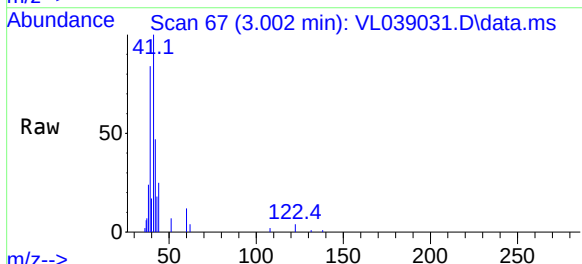
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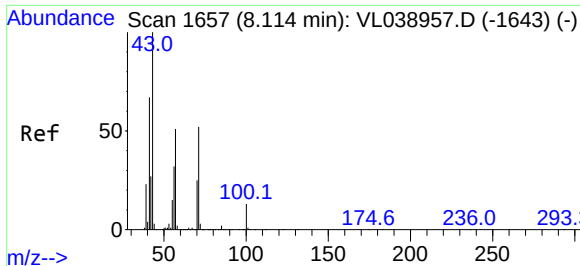
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#9
Propene
Concen: 0.458 ppbv
RT: 3.002 min Scan# 67
Delta R.T. -0.010 min
Lab File: VL039031.D
Acq: 11 May 2022 22:24

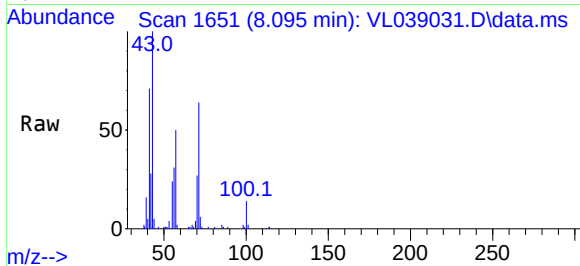
Tgt Ion: 41 Resp: 24465
Ion Ratio Lower Upper
41 100
42 69.2 58.3 87.5





#10
Heptane
Concen: 0.408 ppbv
RT: 8.095 min Scan# 10
Delta R.T. -0.019 min
Lab File: VL039031.D
Acq: 11 May 2022 22:24

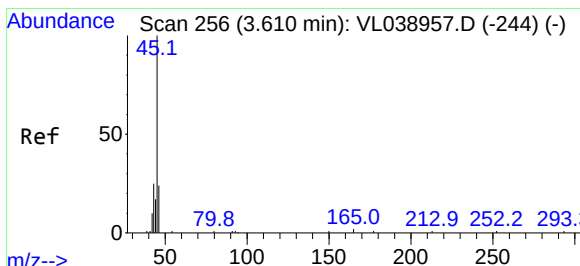
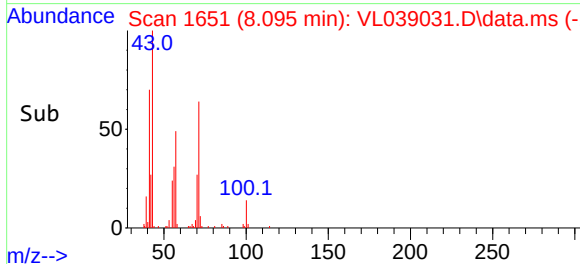
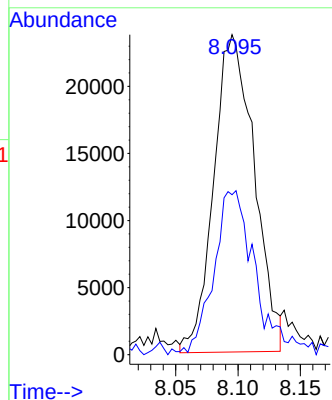
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 53492
Ion Ratio Lower Upper
43 100
57 52.8 40.5 60.7

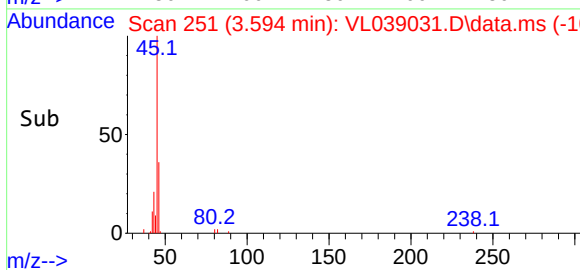
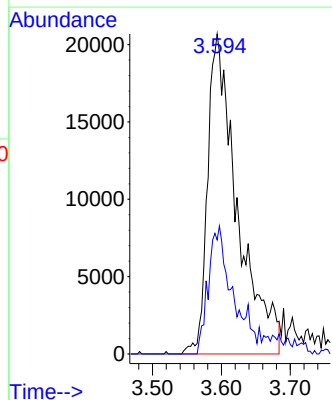
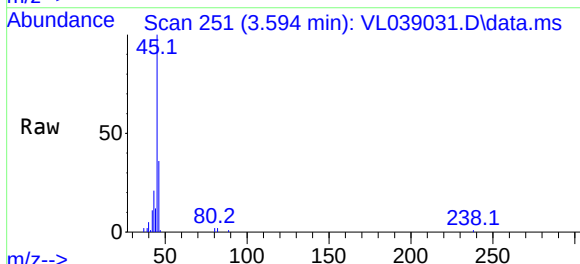
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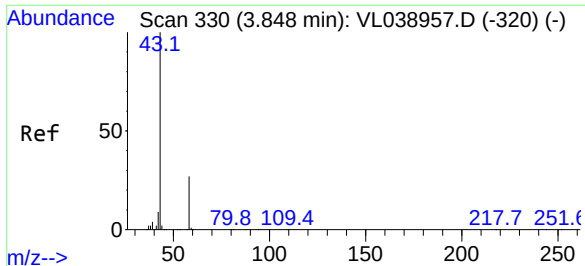
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#13
Ethanol
Concen: 16.404 ppbv m
RT: 3.594 min Scan# 251
Delta R.T. -0.016 min
Lab File: VL039031.D
Acq: 11 May 2022 22:24

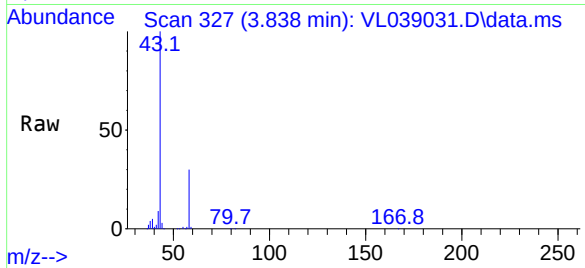
Tgt Ion: 45 Resp: 61978
Ion Ratio Lower Upper
45 100
46 33.3 18.0 72.2





#15
Acetone
Concen: 2.453 ppbv
RT: 3.838 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL039031.D
Acq: 11 May 2022 22:24

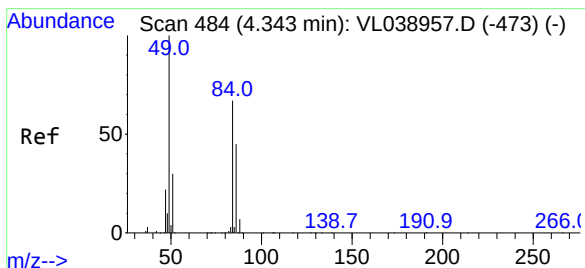
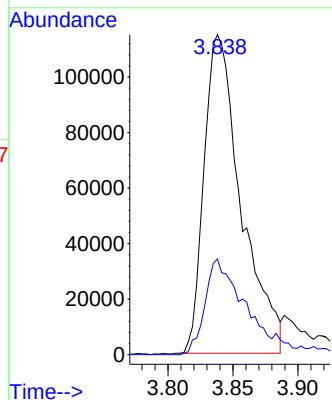
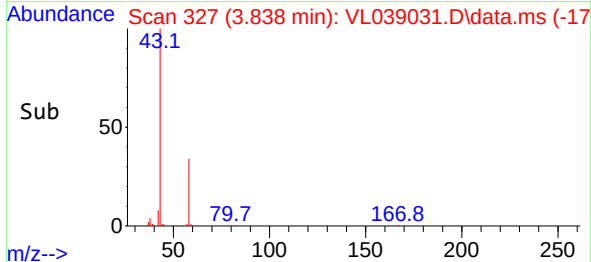
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 227934
Ion Ratio Lower Upper
43 100
58 35.5 21.3 31.9

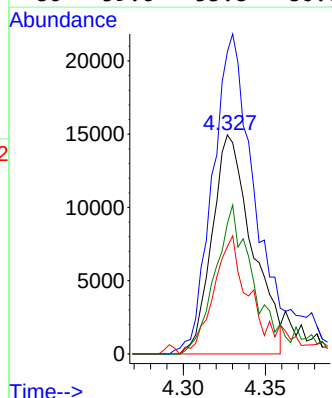
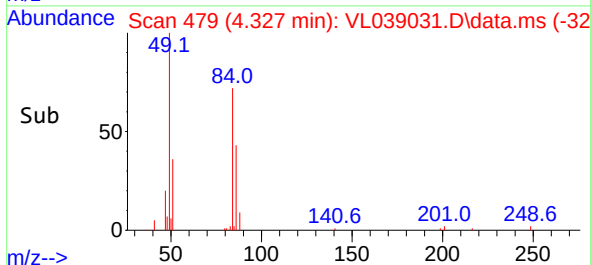
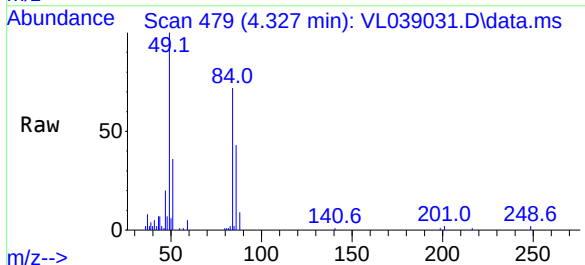
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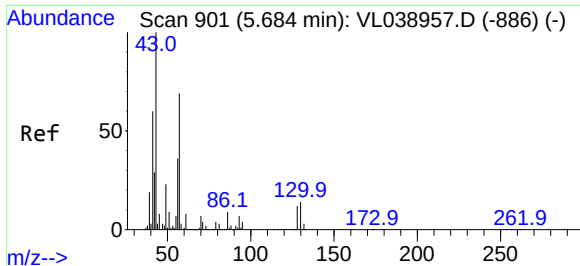
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#20
Methylene Chloride
Concen: 0.722 ppbv
RT: 4.327 min Scan# 479
Delta R.T. -0.016 min
Lab File: VL039031.D
Acq: 11 May 2022 22:24

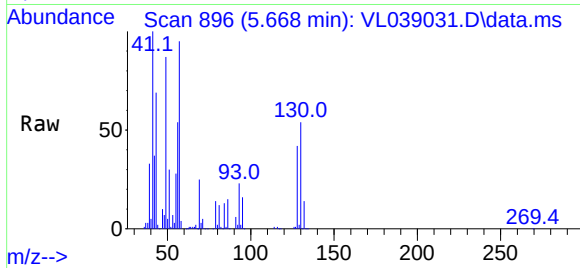
Tgt Ion: 84 Resp: 25290
Ion Ratio Lower Upper
84 100
49 135.3 119.9 179.9
51 49.0 35.7 53.5
86 59.6 53.8 80.6





#26
Hexane
Concen: 3.397 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.016 min
Lab File: VL039031.D
Acq: 11 May 2022 22:24

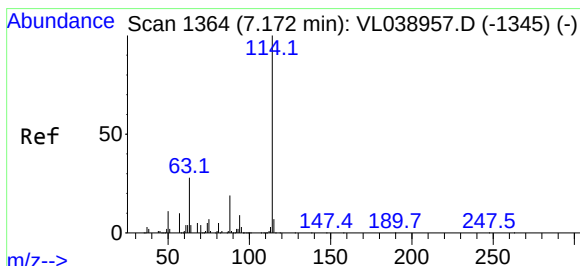
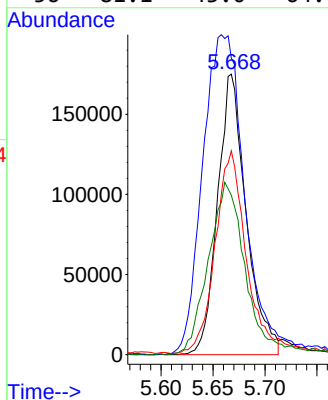
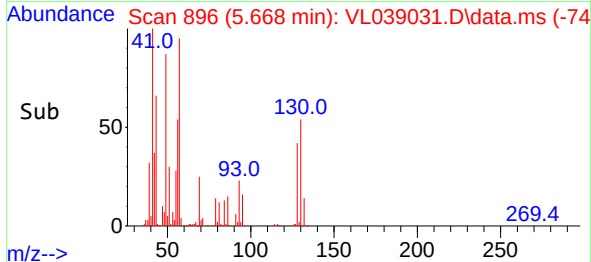
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 335715
Ion Ratio Lower Upper
57 100
41 171.7 75.2 112.8
43 81.0 190.8 286.2
56 81.1 43.0 64.6

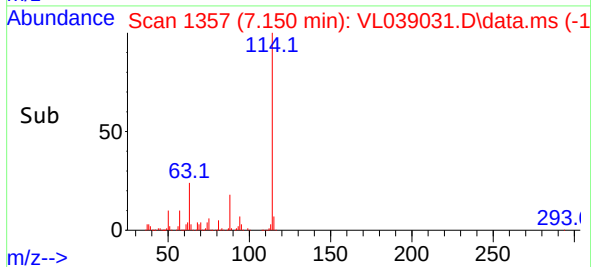
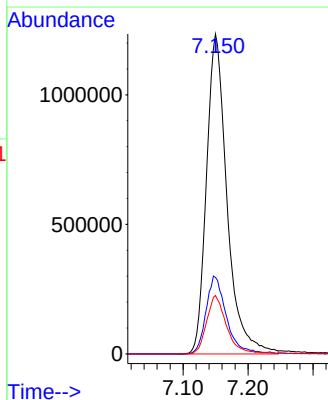
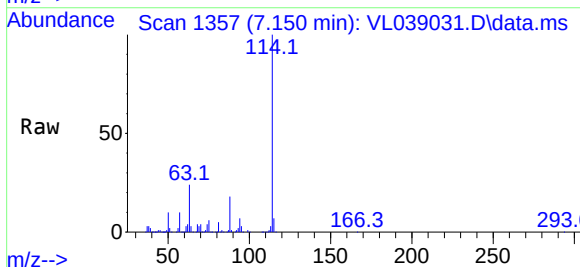
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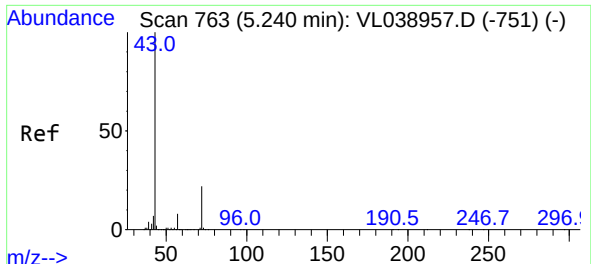
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.150 min Scan# 1357
Delta R.T. -0.023 min
Lab File: VL039031.D
Acq: 11 May 2022 22:24

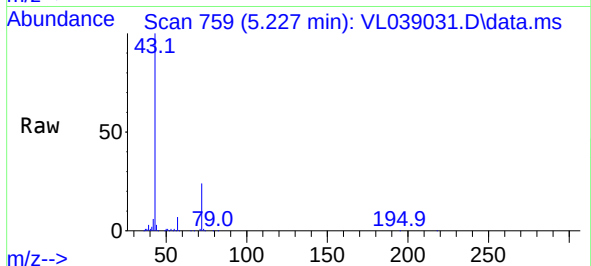
Tgt Ion:114 Resp: 2718249
Ion Ratio Lower Upper
114 100
63 24.5 22.6 33.8
88 18.1 15.4 23.0





#34
2-Butanone
Concen: 2.210 ppbv
RT: 5.227 min Scan# 71
Delta R.T. -0.013 min
Lab File: VL039031.D
Acq: 11 May 2022 22:24

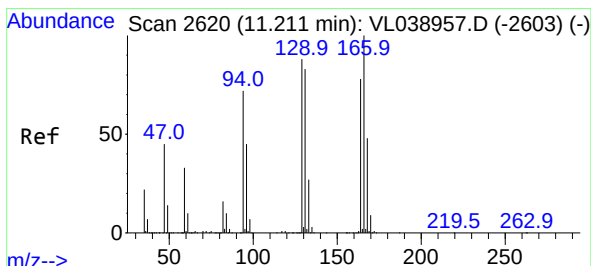
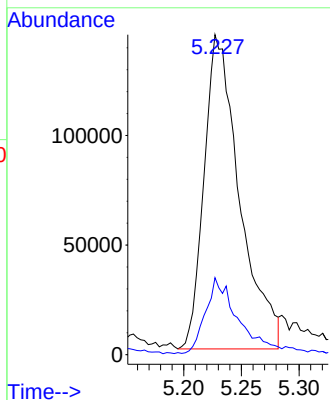
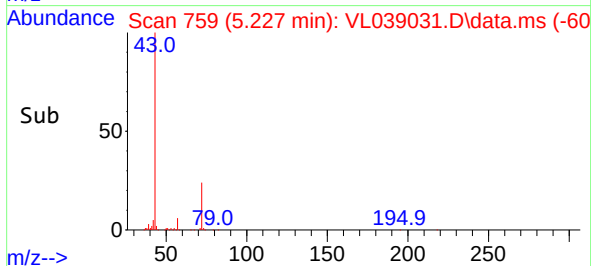
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 30643
Ion Ratio Lower Upper
43 100
72 24.6 17.8 26.6

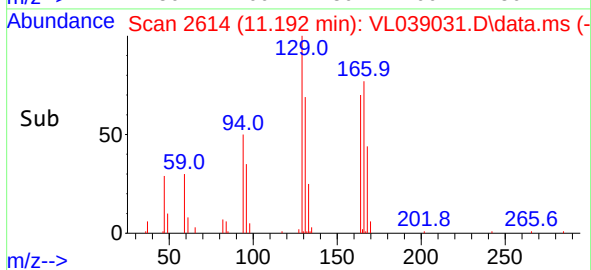
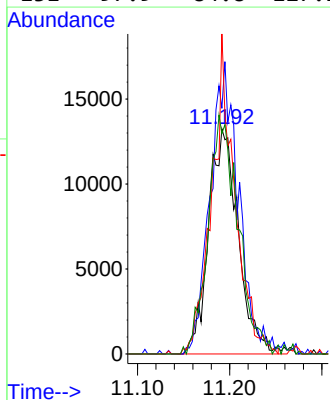
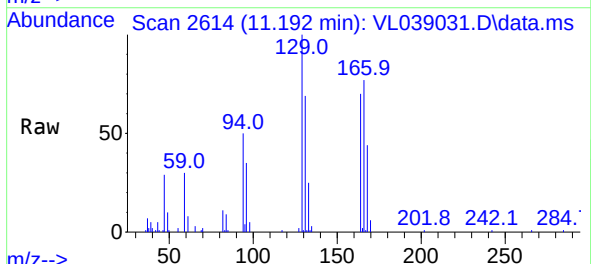
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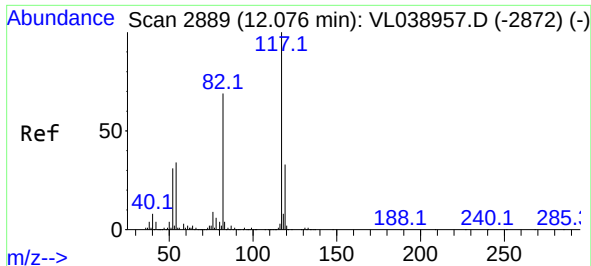
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#52
Tetrachloroethene
Concen: 0.358 ppbv m
RT: 11.192 min Scan# 2614
Delta R.T. -0.019 min
Lab File: VL039031.D
Acq: 11 May 2022 22:24

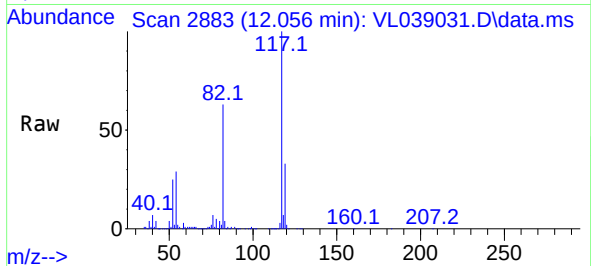
Tgt Ion:164 Resp: 29721
Ion Ratio Lower Upper
164 100
166 109.1 102.5 153.7
129 142.2 90.1 135.1#
131 97.9 84.8 127.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.056 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039031.D
Acq: 11 May 2022 22:24

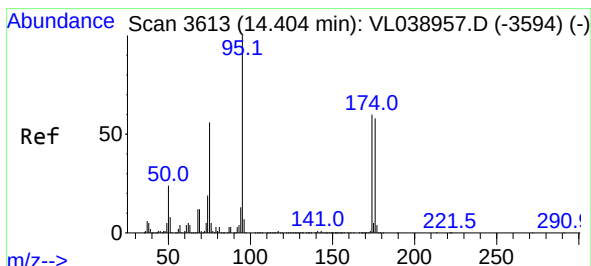
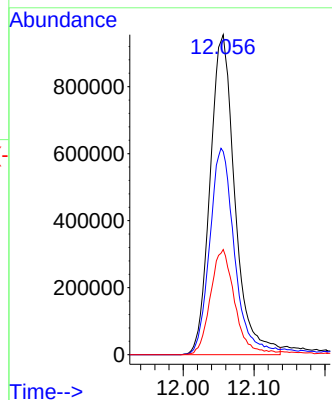
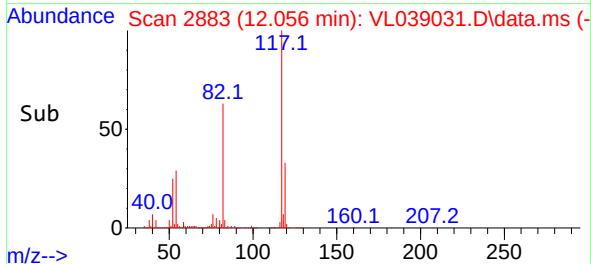
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



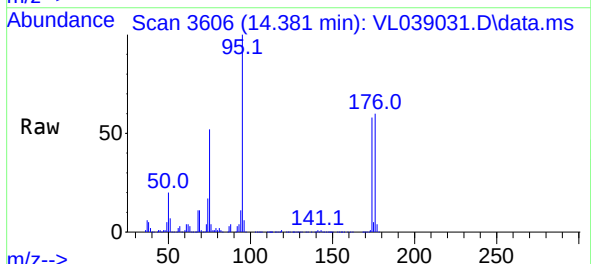
Tgt Ion: 117 Resp: 2322510
Ion Ratio Lower Upper
117 100
82 67.3 57.0 85.6
119 33.3 27.2 40.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.140 ppbv
RT: 14.381 min Scan# 3606
Delta R.T. -0.023 min
Lab File: VL039031.D
Acq: 11 May 2022 22:24



Tgt Ion: 95 Resp: 1681051
Ion Ratio Lower Upper
95 100
174 68.1 50.8 76.2
175 5.1 3.8 5.6

