

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031722\
 Data File : VL038643.D
 Acq On : 18 Mar 2022 2:24
 Operator : SY/AP
 Sample : N1965-11DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PA8DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022

Quant Time: Mar 18 03:43:23 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Mar 0
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	827954	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.179	114	2172025	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.086	117	1830737	10.000	ppbv	# 0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	1305668	9.381	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.800%
Target Compounds						
					Qvalue	
9) Propene	3.028	41	29141m	0.566	ppbv	
13) Ethanol	3.623	45	23253m	3.930	ppbv	
15) Acetone	3.861	43	247117	4.231	ppbv #	83
34) 2-Butanone	5.259	43	158140	2.809	ppbv	95
52) Tetrachloroethene	11.227	164	24384m	0.339	ppbv	

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

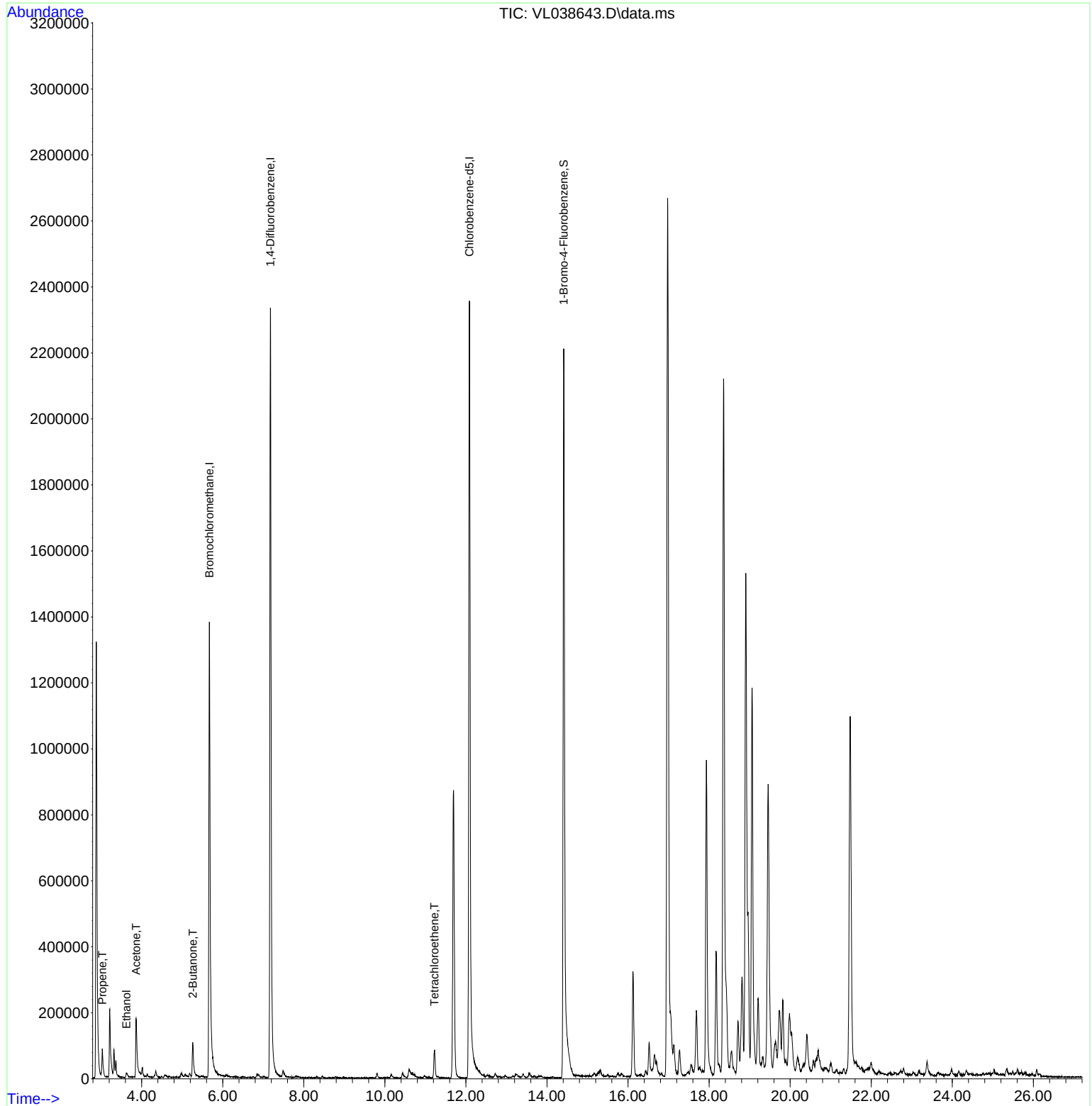
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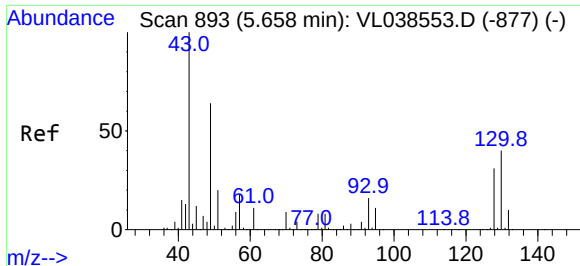
Instrument :
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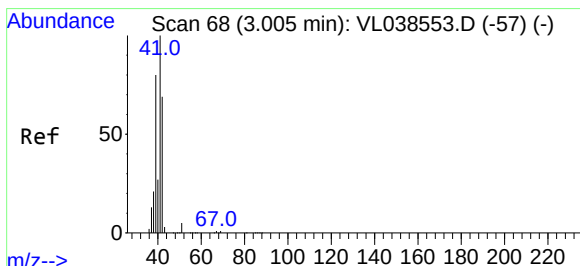
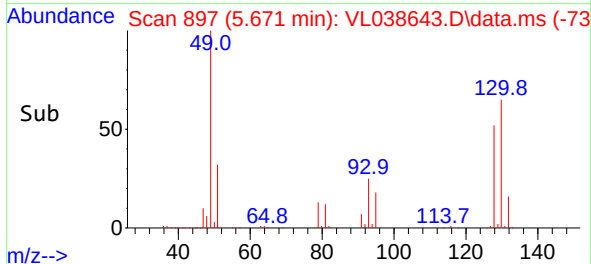
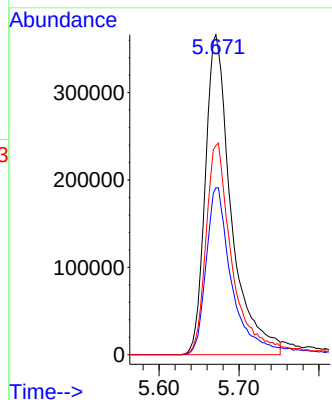
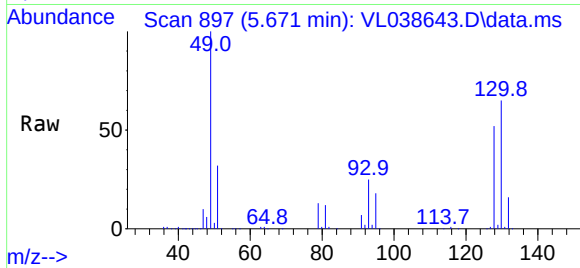
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. 0.013 min
Lab File: VL038643.D
Acq: 18 Mar 2022 2:24

Instrument :
MSVOA_L
ClientSampleId :
COPA8DL

Tgt Ion: 49 Resp: 827954
Ion Ratio Lower Upper
49 100
128 55.1 26.4 79.2
130 70.3 33.0 98.9

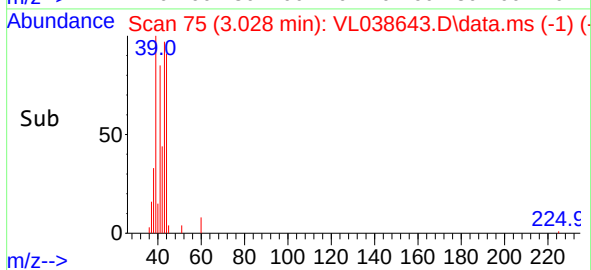
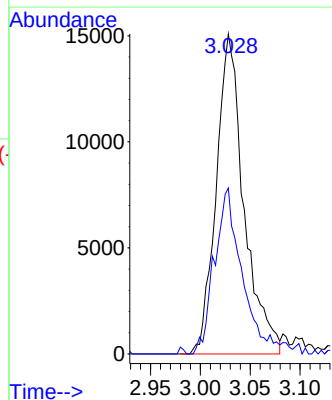
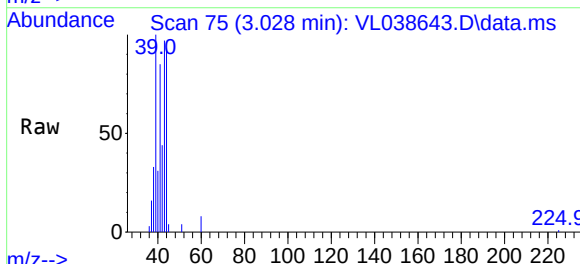
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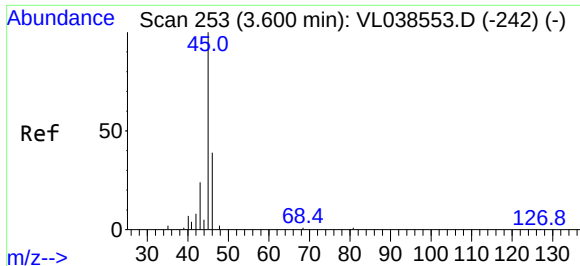
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#9
Propene
Concen: 0.566 ppbv m
RT: 3.028 min Scan# 75
Delta R.T. 0.023 min
Lab File: VL038643.D
Acq: 18 Mar 2022 2:24

Tgt Ion: 41 Resp: 29141
Ion Ratio Lower Upper
41 100
42 24.2 55.7 83.5#





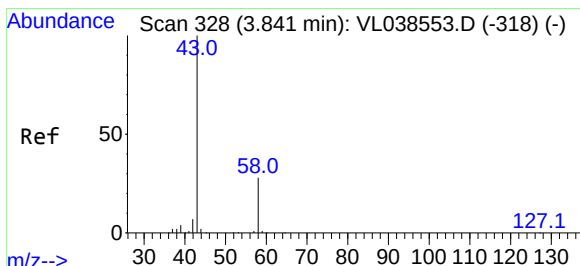
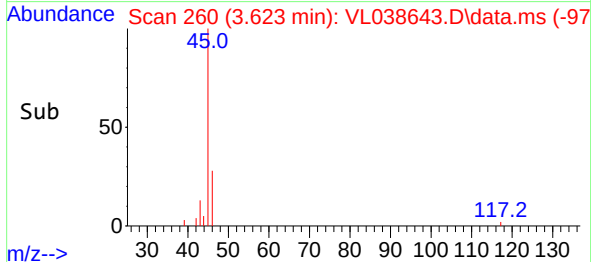
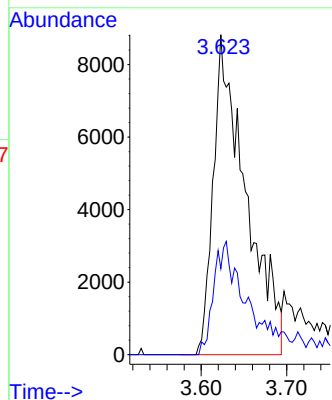
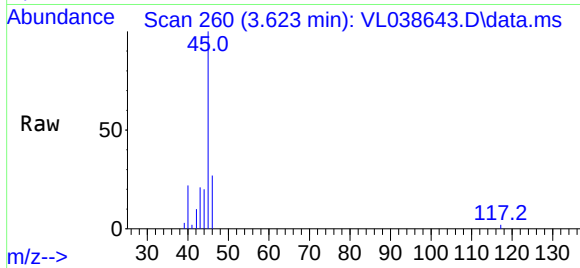
#13
Ethanol
Concen: 3.930 ppbv m
RT: 3.623 min Scan# 20
Delta R.T. 0.023 min
Lab File: VL038643.D
Acq: 18 Mar 2022 2:24

Instrument :
MSVOA_L
ClientSampleId :
COPA8DL

Tgt Ion: 45 Resp: 2325
Ion Ratio Lower Upper
45 100
46 0.0 16.8 67.0

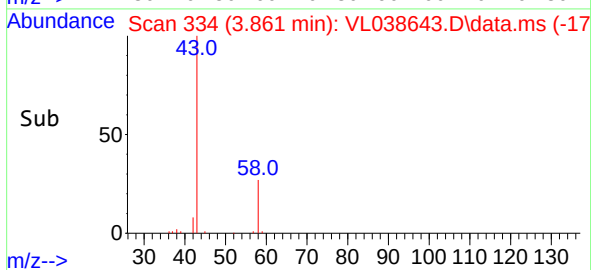
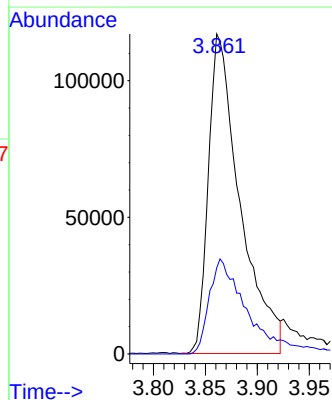
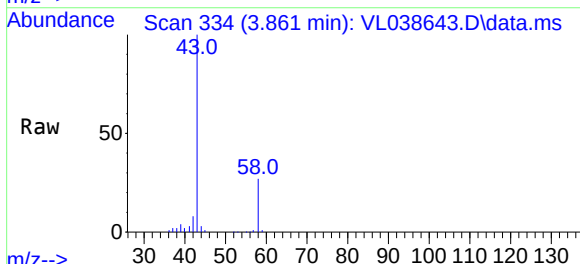
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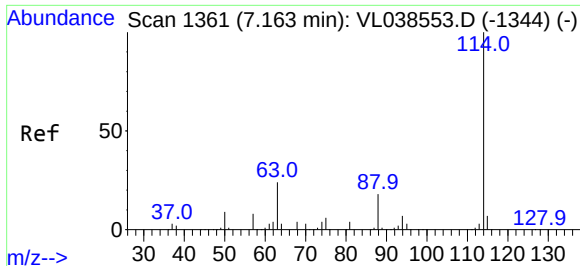
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#15
Acetone
Concen: 4.231 ppbv
RT: 3.861 min Scan# 334
Delta R.T. 0.019 min
Lab File: VL038643.D
Acq: 18 Mar 2022 2:24

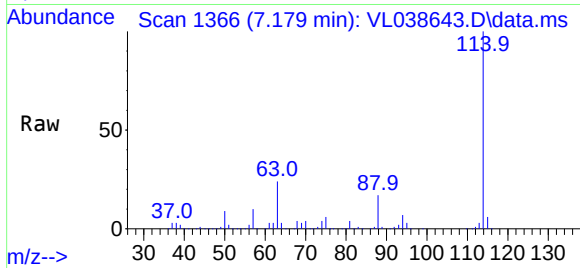
Tgt Ion: 43 Resp: 247117
Ion Ratio Lower Upper
43 100
58 37.3 22.7 34.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1114
Delta R.T. 0.016 min
Lab File: VL038643.D
Acq: 18 Mar 2022 2:24

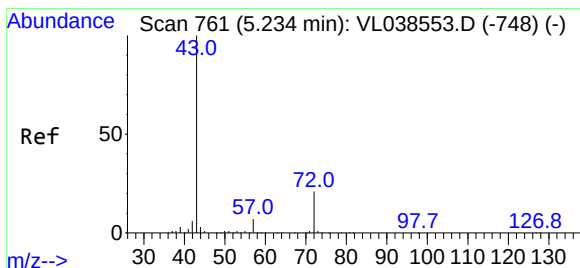
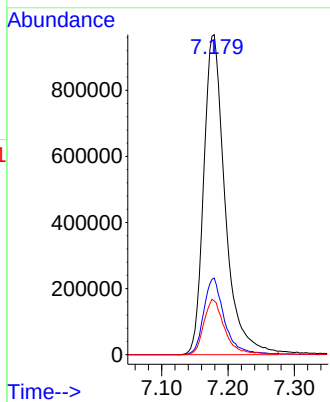
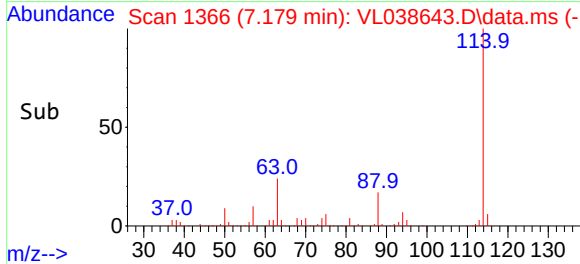
Instrument :
MSVOA_L
ClientSampleId :
C0PA8DL



Tgt Ion:114 Resp: 217202
Ion Ratio Lower Upper
114 100
63 23.6 19.6 29.4
88 17.0 13.9 20.9

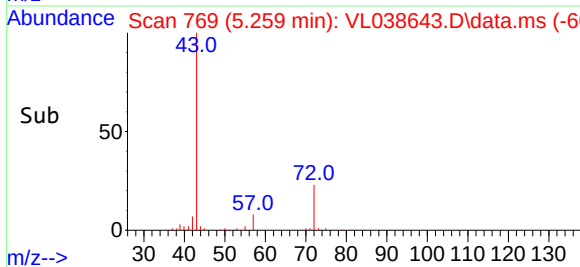
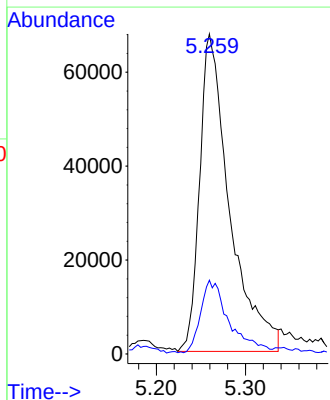
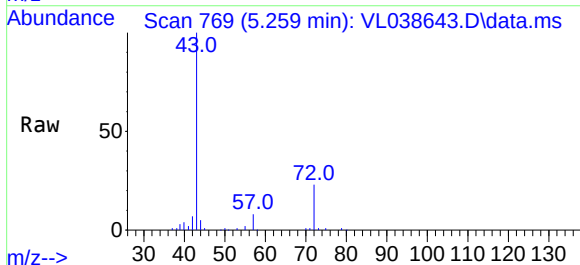
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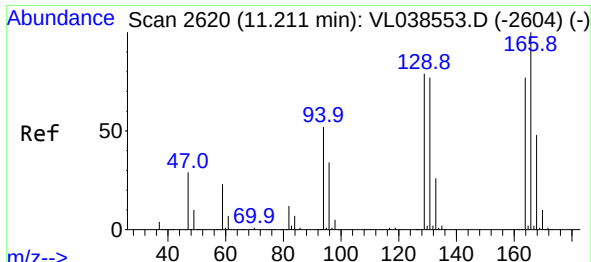
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#34
2-Butanone
Concen: 2.809 ppbv
RT: 5.259 min Scan# 769
Delta R.T. 0.026 min
Lab File: VL038643.D
Acq: 18 Mar 2022 2:24

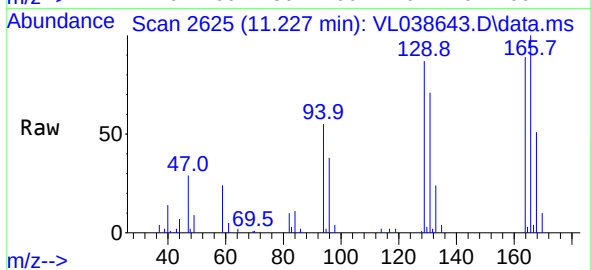
Tgt Ion: 43 Resp: 158140
Ion Ratio Lower Upper
43 100
72 24.7 17.8 26.6





#52
Tetrachloroethene
Concen: 0.339 ppbv m
RT: 11.227 min Scan# 2625
Delta R.T. 0.016 min
Lab File: VL038643.D
Acq: 18 Mar 2022 2:24

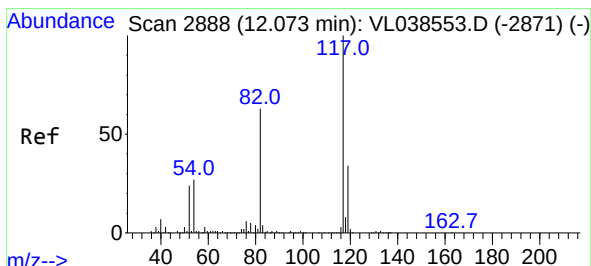
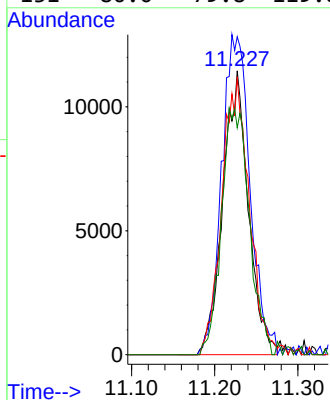
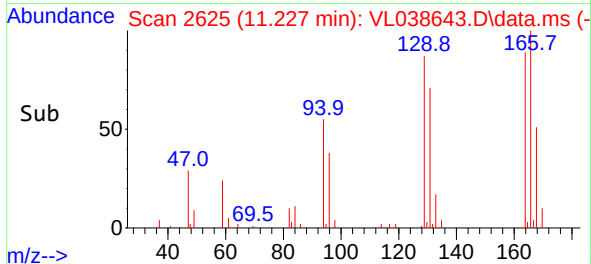
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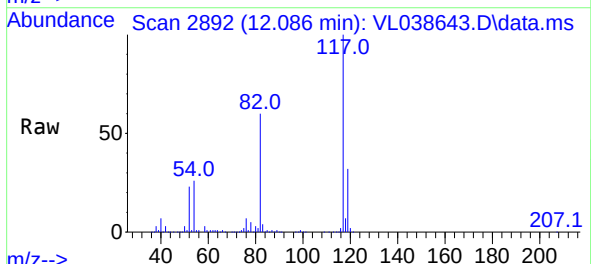
Tgt Ion:164 Resp: 24384
Ion Ratio Lower Upper
164 100
166 112.0 103.4 155.2
129 97.9 81.3 121.9
131 80.0 79.8 119.8

Manual Integrations
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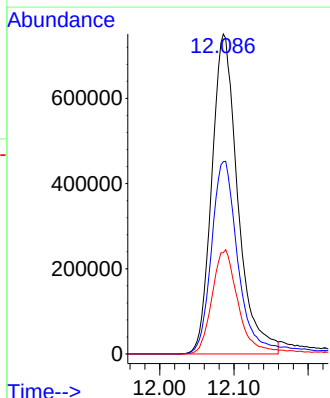
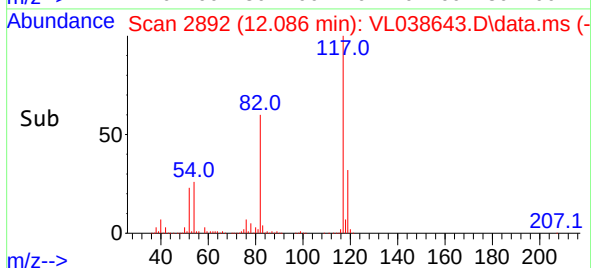
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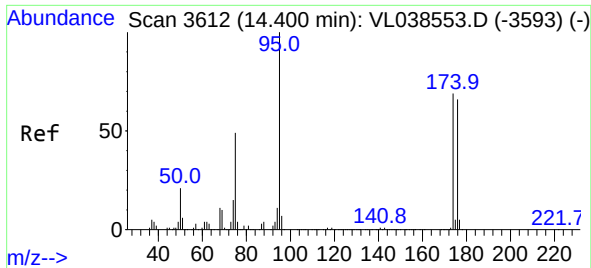


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.086 min Scan# 2892
Delta R.T. 0.013 min
Lab File: VL038643.D
Acq: 18 Mar 2022 2:24



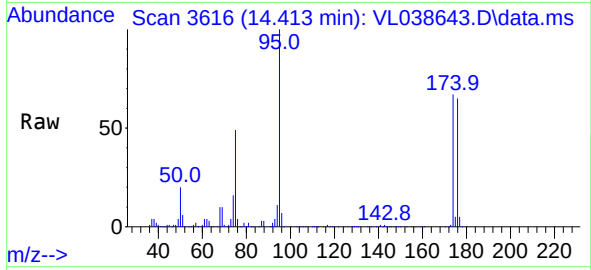
Tgt Ion:117 Resp: 1830737
Ion Ratio Lower Upper
117 100
82 65.3 52.5 78.7
119 34.5 46.4 69.6#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.381 ppbv
 RT: 14.413 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: VL038643.D
 Acq: 18 Mar 2022 2:24

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PA8DL



Tgt Ion: 95 Resp: 130566
 Ion Ratio Lower Upper
 95 100
 174 72.8 56.2 84.4
 175 5.2 4.2 6.2

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