

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038345.D
 Acq On : 14 Feb 2022 18:12
 Operator : SY/AP
 Sample : N1442-01DL2 300X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022

Quant Time: Feb 15 00:41:31 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 2022

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.648	49	870915	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	7.153	114	2420106	10.000	ppbv	-0.03
55) Chlorobenzene-d5	12.060	117	2058740	10.000	ppbv	#-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.388	95	1667952	10.674	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 106.700%	
Target Compounds						
						Qvalue
9) Propene	3.015	41	6587	0.117	ppbv	83
13) Ethanol	3.623	45	3494m	0.577	ppbv	
15) Acetone	3.857	43	206365	2.688	ppbv	96
20) Methylene Chloride	4.330	84	10241m	0.229	ppbv	
38) Trichloroethene	7.815	130	14122m	0.177	ppbv	
52) Tetrachloroethene	11.198	164	1332775	18.065	ppbv	99

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

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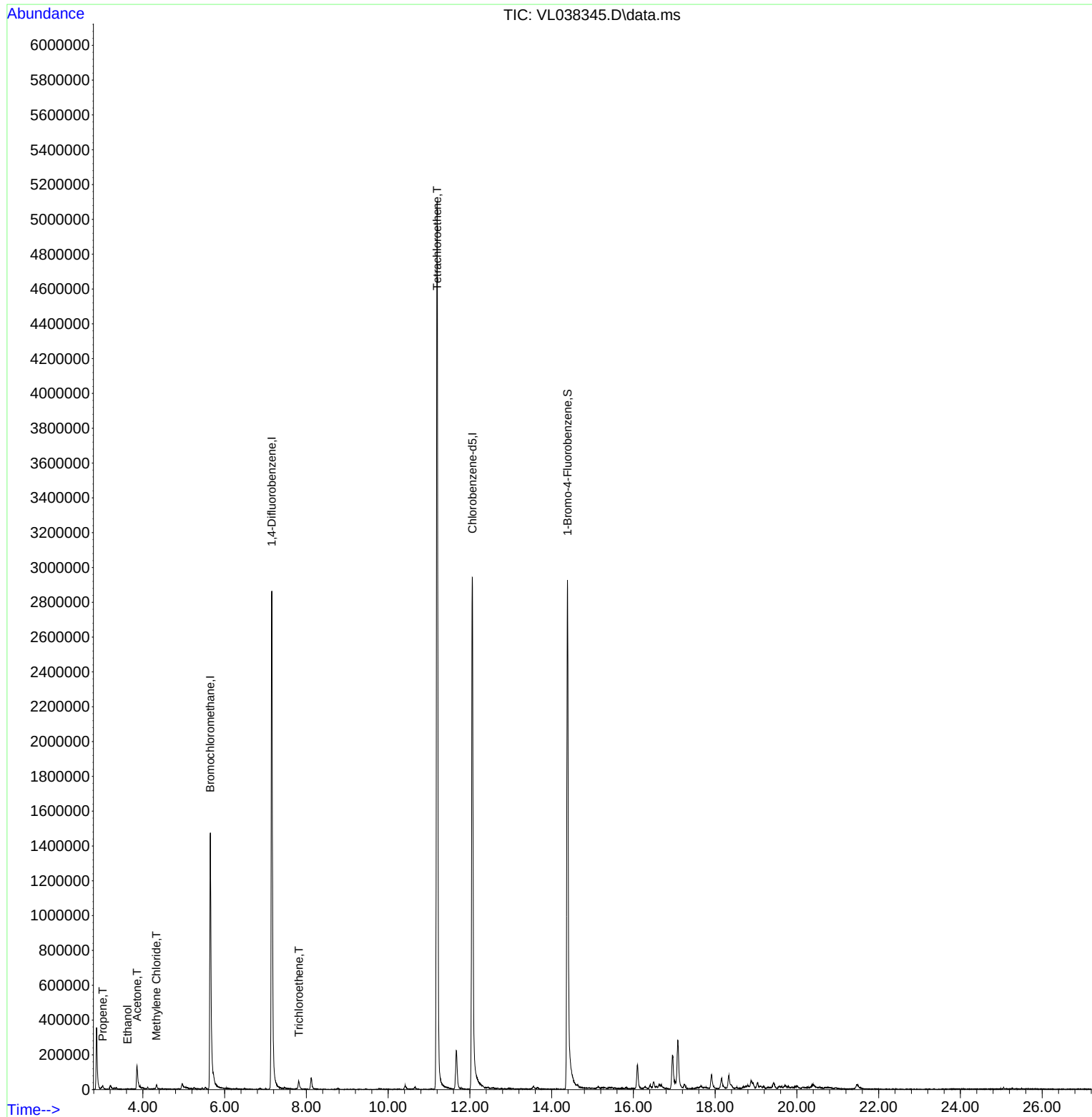
Quant Time: Feb 15 00:41:31 2022

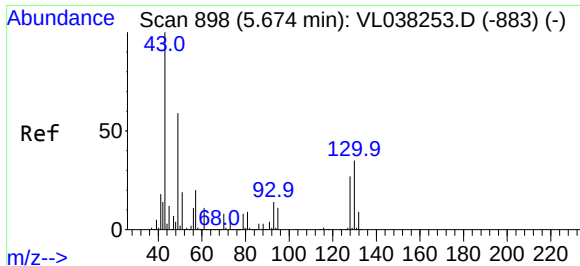
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan

QLast Update : Mon Jan 24 14:12:48 2022

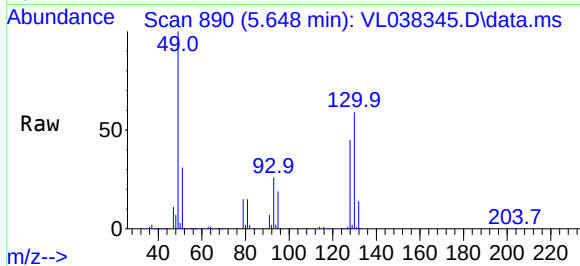
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 89
Delta R.T. -0.026 min
Lab File: VL038345.D
Acq: 14 Feb 2022 18:12

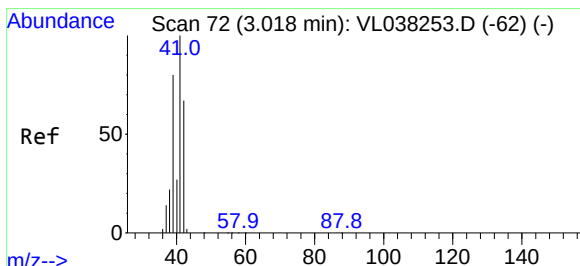
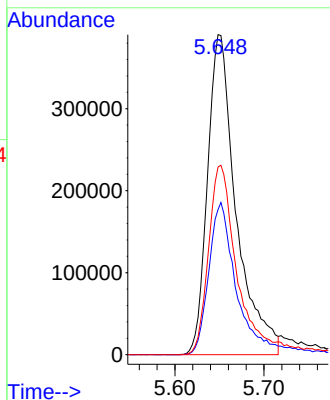
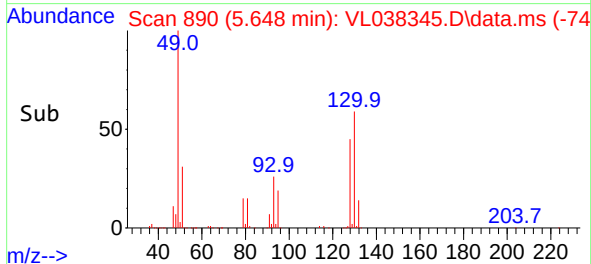
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



Tgt Ion: 49 Resp: 870915
Ion Ratio Lower Upper
49 100
128 47.7 24.5 73.5
130 63.2 30.1 90.5

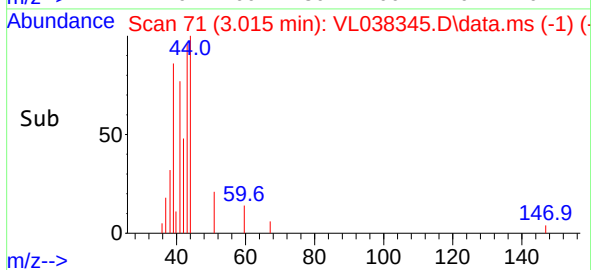
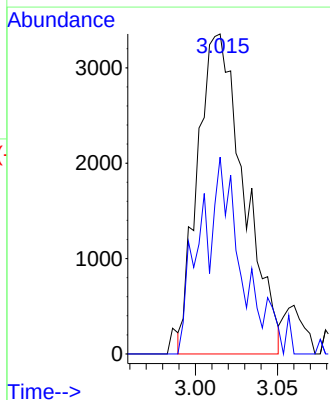
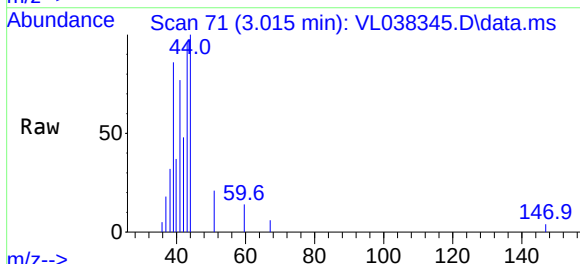
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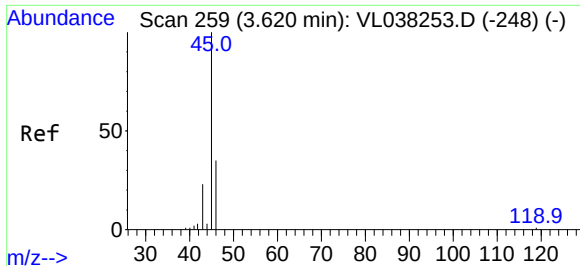
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#9
Propene
Concen: 0.117 ppbv
RT: 3.015 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL038345.D
Acq: 14 Feb 2022 18:12

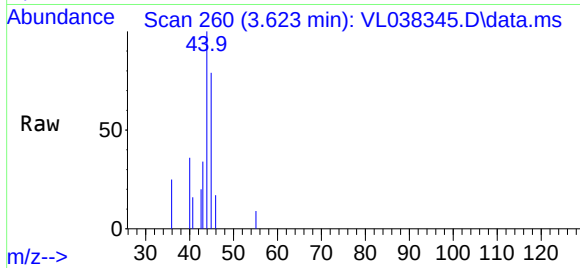
Tgt Ion: 41 Resp: 6587
Ion Ratio Lower Upper
41 100
42 55.1 54.9 82.3





#13
Ethanol
Concen: 0.577 ppbv m
RT: 3.623 min Scan# 2
Delta R.T. 0.003 min
Lab File: VL038345.D
Acq: 14 Feb 2022 18:12

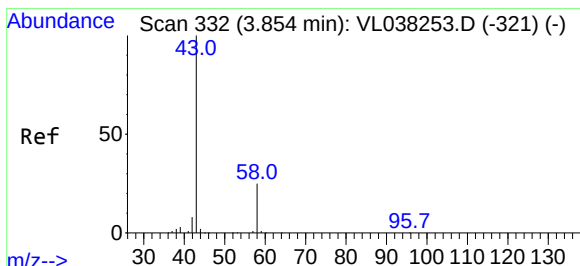
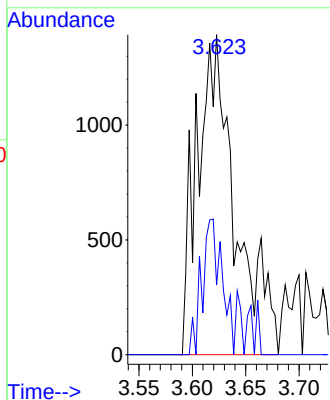
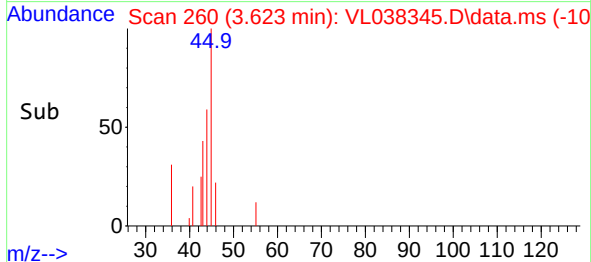
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



Tgt Ion: 45 Resp: 3494
Ion Ratio Lower Upper
45 100
46 0.0 15.4 61.6

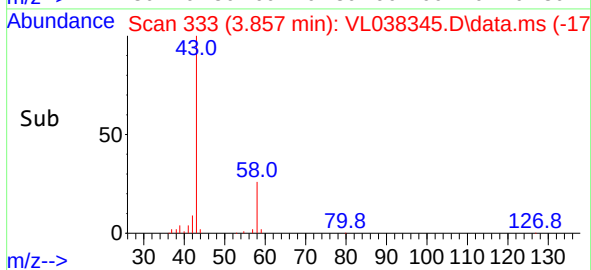
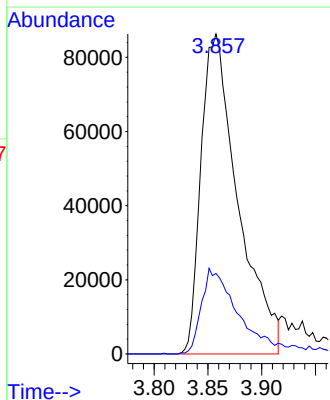
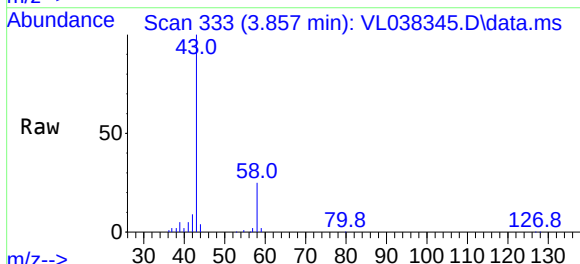
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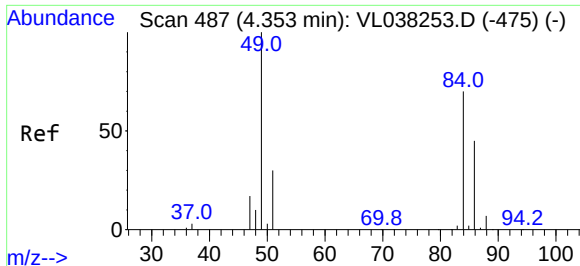
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#15
Acetone
Concen: 2.688 ppbv
RT: 3.857 min Scan# 333
Delta R.T. 0.003 min
Lab File: VL038345.D
Acq: 14 Feb 2022 18:12

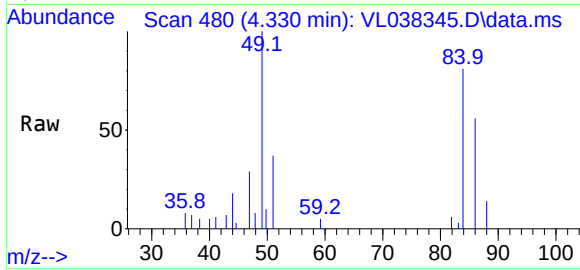
Tgt Ion: 43 Resp: 206365
Ion Ratio Lower Upper
43 100
58 28.9 21.5 32.3





#20
Methylene Chloride
Concen: 0.229 ppbv m
RT: 4.330 min Scan# 41
Delta R.T. -0.023 min
Lab File: VL038345.D
Acq: 14 Feb 2022 18:12

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

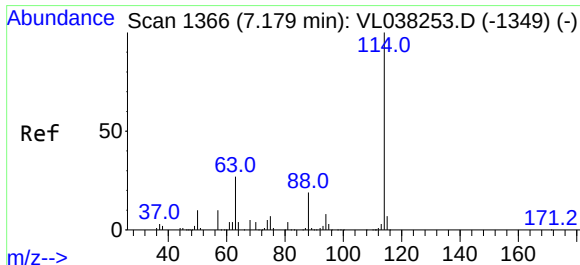
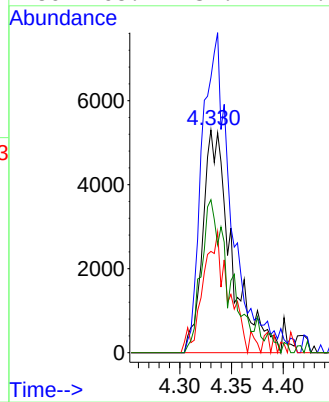
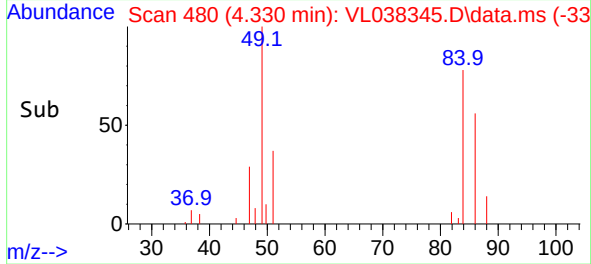


Tgt Ion: 84 Resp: 1024

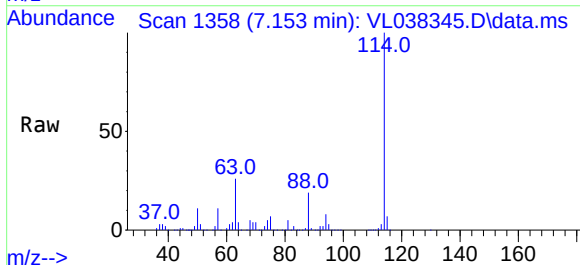
Ion	Ratio	Lower	Upper
84	100		
49	123.6	115.0	172.6
51	45.5	35.0	52.6
86	68.7	51.4	77.0

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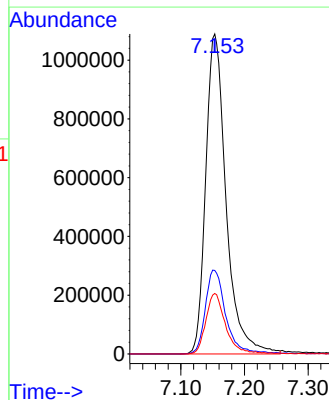
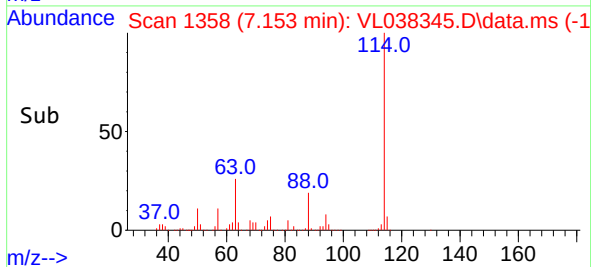


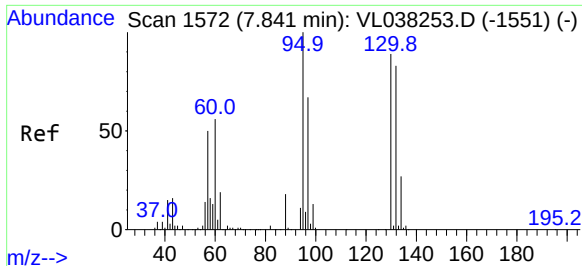
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 1358
Delta R.T. -0.026 min
Lab File: VL038345.D
Acq: 14 Feb 2022 18:12



Tgt Ion:114 Resp: 2420106

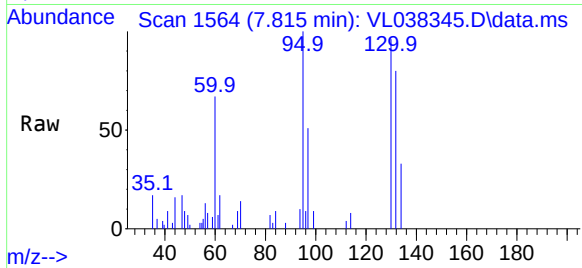
Ion	Ratio	Lower	Upper
114	100		
63	26.6	22.0	33.0
88	18.6	15.0	22.6





#38
Trichloroethene
Concen: 0.177 ppbv m
RT: 7.815 min Scan# 1564
Delta R.T. -0.026 min
Lab File: VL038345.D
Acq: 14 Feb 2022 18:12

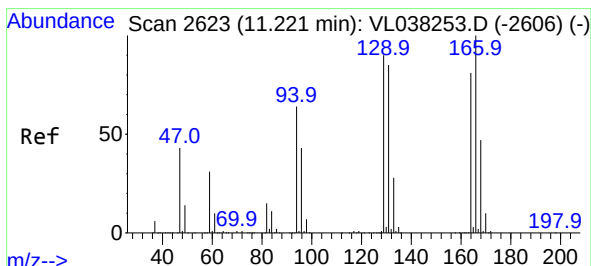
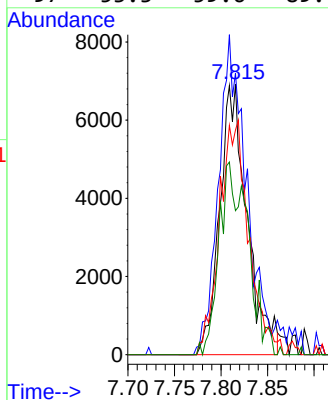
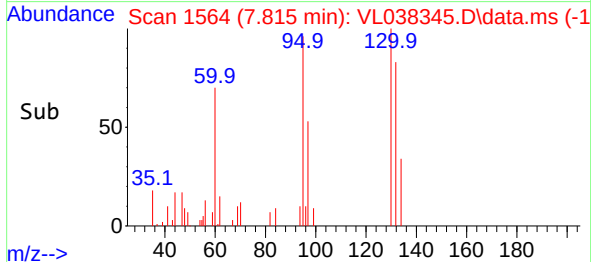
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



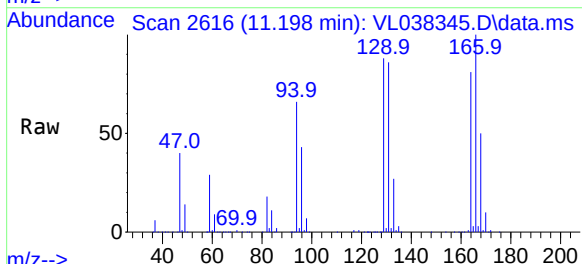
Tgt Ion:130 Resp: 1412
Ion Ratio Lower Upper
130 100
95 104.1 89.4 134.2
132 83.0 74.6 111.8
97 53.3 59.6 89.4#

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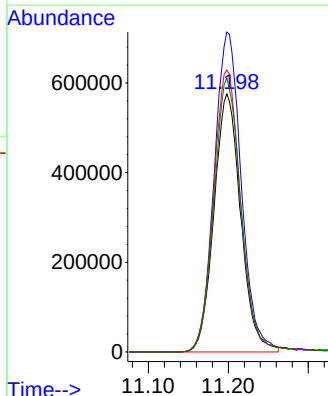
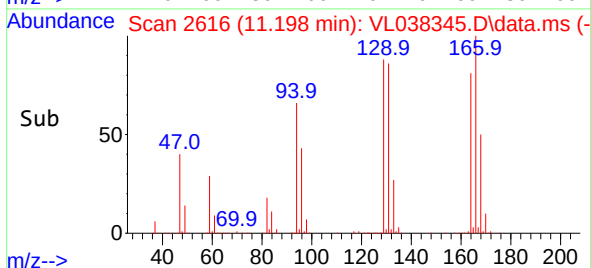
Reviewed By :Semsettin Yesilyurt 02/15/2022
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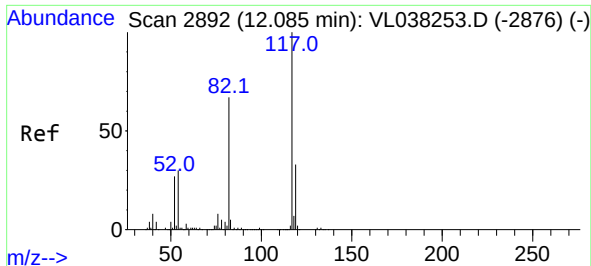


#52
Tetrachloroethene
Concen: 18.065 ppbv
RT: 11.198 min Scan# 2616
Delta R.T. -0.023 min
Lab File: VL038345.D
Acq: 14 Feb 2022 18:12



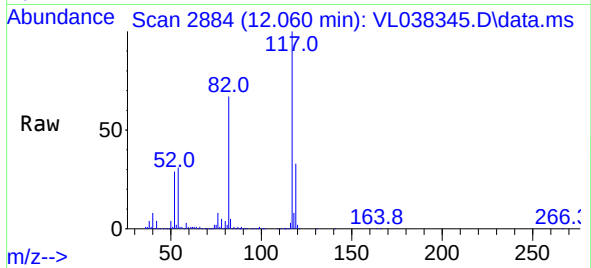
Tgt Ion:164 Resp: 1332775
Ion Ratio Lower Upper
164 100
166 124.0 98.8 148.2
129 109.2 89.2 133.8
131 106.2 83.6 125.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.060 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL038345.D
Acq: 14 Feb 2022 18:12

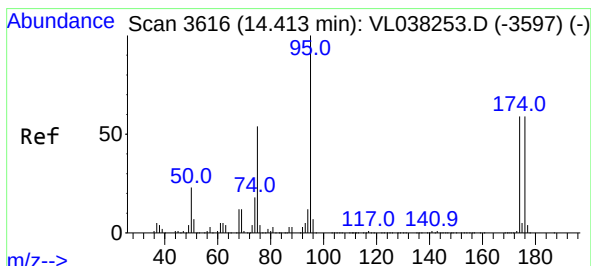
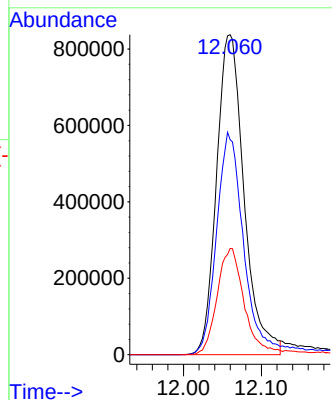
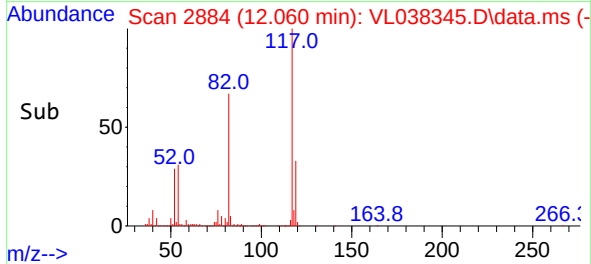
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MSVOA_L
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SV1DL2



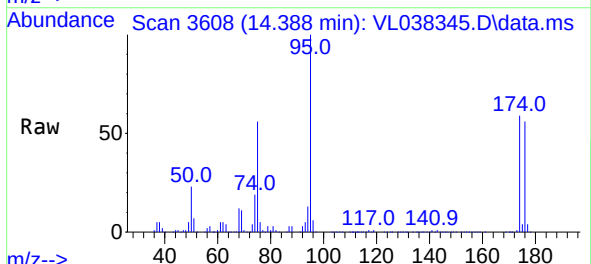
Tgt Ion: 117 Resp: 2058740
Ion Ratio Lower Upper
117 100
82 73.0 54.4 81.6
119 34.5 45.9 68.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.674 ppbv
RT: 14.388 min Scan# 3608
Delta R.T. -0.026 min
Lab File: VL038345.D
Acq: 14 Feb 2022 18:12



Tgt Ion: 95 Resp: 1667952
Ion Ratio Lower Upper
95 100
174 61.7 48.3 72.5
175 4.3 3.5 5.3

