

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051722\
 Data File : VL039073.D
 Acq On : 17 May 2022 17:38
 Operator : SY/AP
 Sample : N2812-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022

Quant Time: May 18 01:50:53 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 0
 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	5.684	49	782926	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.188	114	1892463	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.098	117	1565141	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	1299001	10.480	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.800%
Target Compounds						
					Qvalue	
13) Ethanol	3.610	45	686594	228.679	ppbv	94
15) Acetone	3.867	43	60859m	0.824	ppbv	
19) Isopropyl Alcohol	3.980	45	124800	3.554	ppbv #	94
52) Tetrachloroethene	11.233	164	149247	2.579	ppbv	97

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

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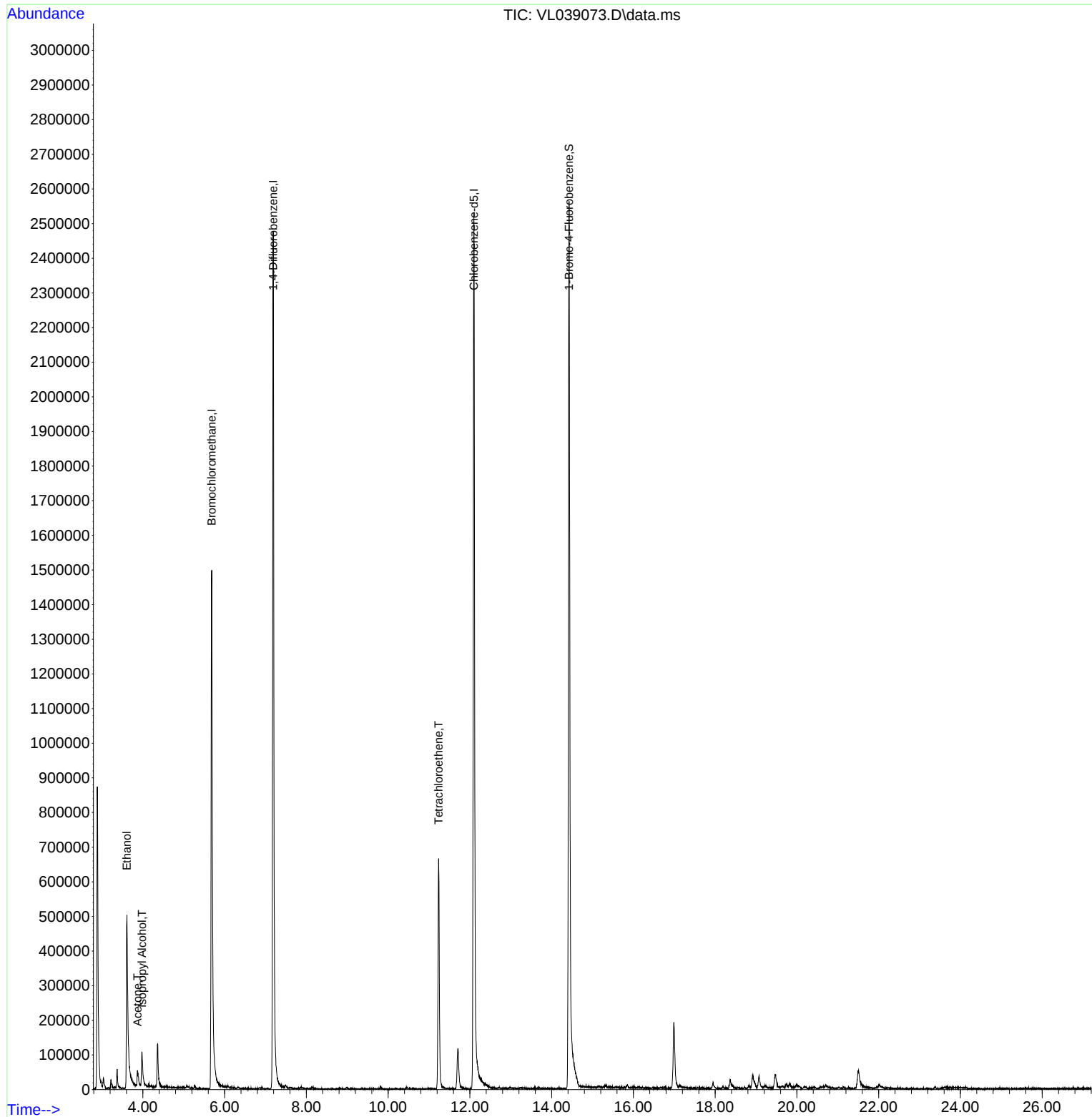
Quant Time: May 18 01:50:53 2022

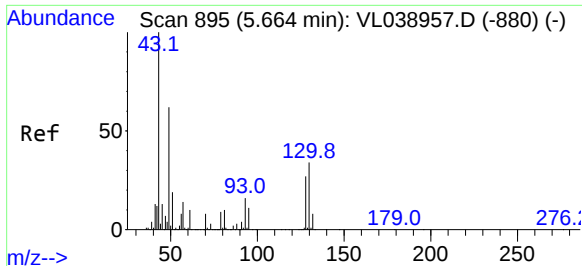
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

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

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

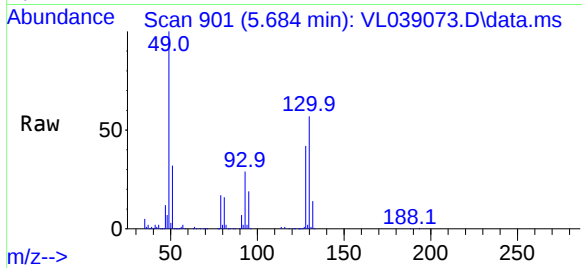
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.019 min
Lab File: VL039073.D
Acq: 17 May 2022 17:38

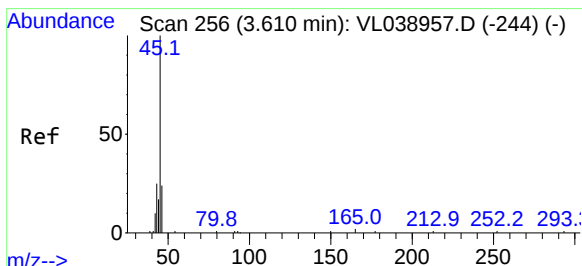
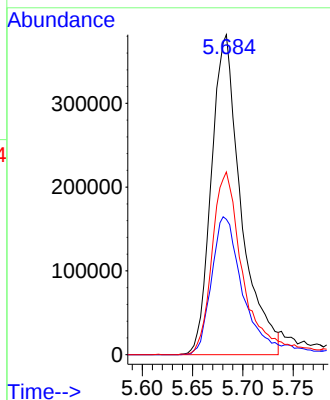
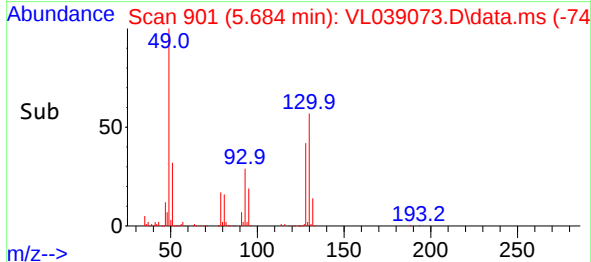
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



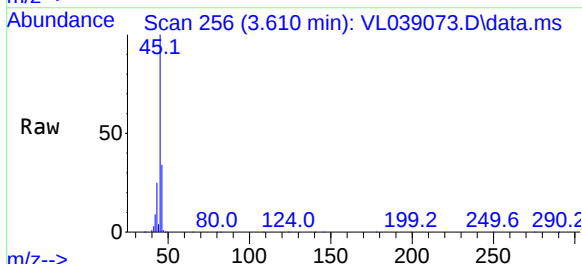
Tgt Ion: 49 Resp: 782920
Ion Ratio Lower Upper
49 100
128 48.1 23.3 69.8
130 62.6 29.8 89.3

Manual Integrations
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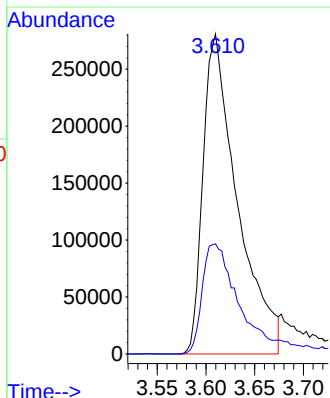
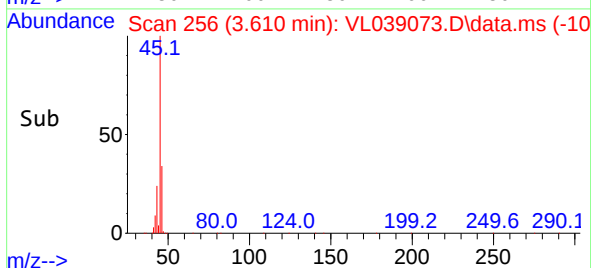
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

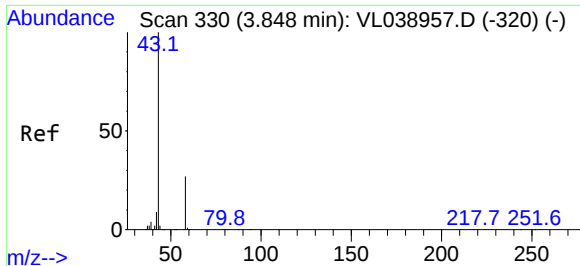


#13
Ethanol
Concen: 228.679 ppbv
RT: 3.610 min Scan# 256
Delta R.T. -0.000 min
Lab File: VL039073.D
Acq: 17 May 2022 17:38



Tgt Ion: 45 Resp: 686594
Ion Ratio Lower Upper
45 100
46 41.2 18.0 72.2





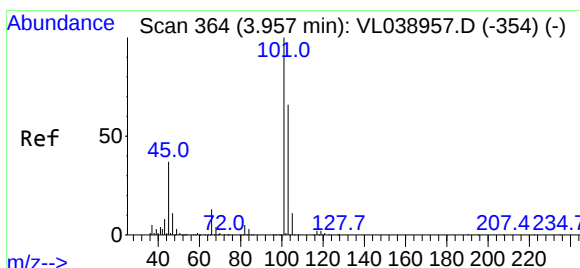
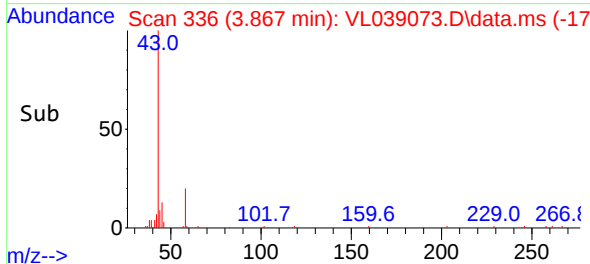
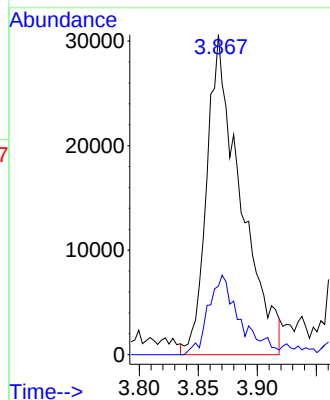
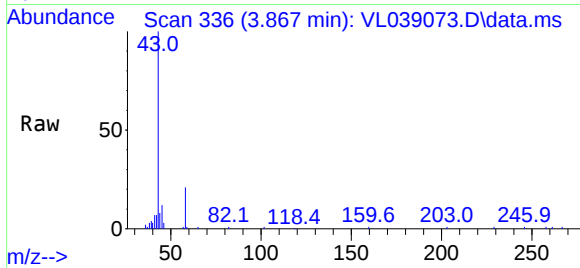
#15
Acetone
Concen: 0.824 ppbv m
RT: 3.867 min Scan# 311
Delta R.T. 0.019 min
Lab File: VL039073.D
Acq: 17 May 2022 17:38

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 60859
Ion Ratio Lower Upper
43 100
58 24.7 21.3 31.9

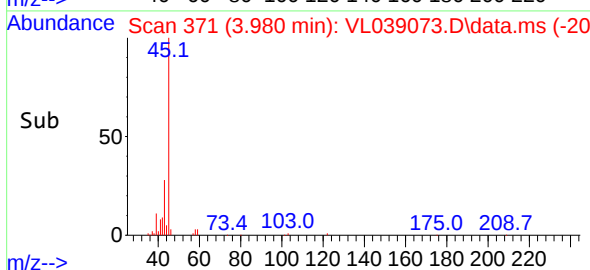
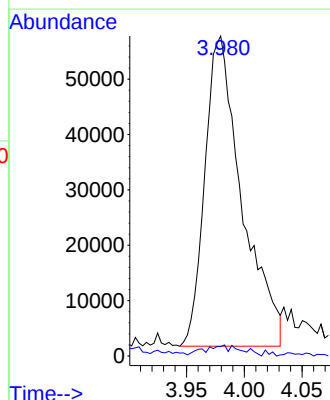
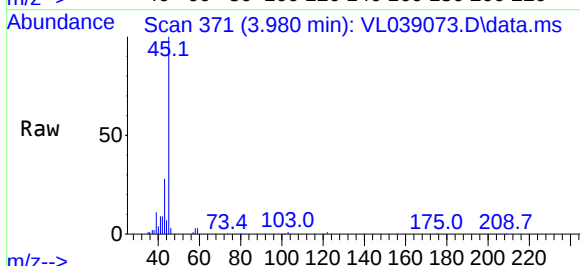
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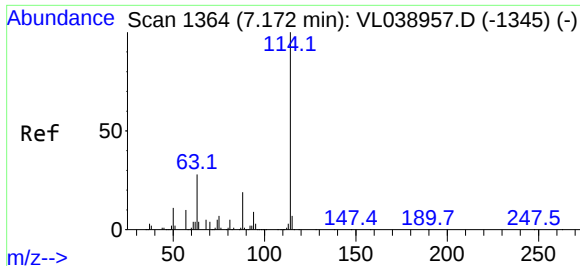
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#19
Isopropyl Alcohol
Concen: 3.554 ppbv
RT: 3.980 min Scan# 371
Delta R.T. 0.022 min
Lab File: VL039073.D
Acq: 17 May 2022 17:38

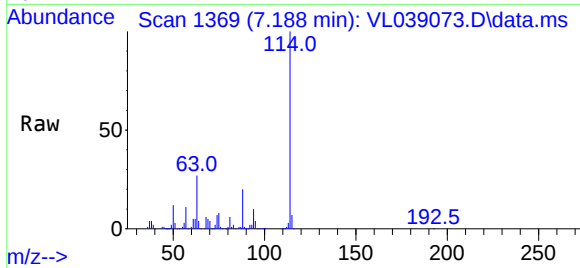
Tgt Ion: 45 Resp: 124800
Ion Ratio Lower Upper
45 100
58 4.1 1.4 2.2#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.188 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL039073.D
Acq: 17 May 2022 17:38

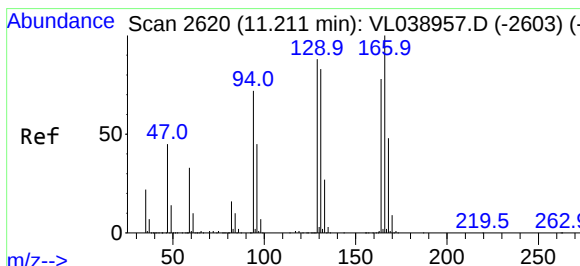
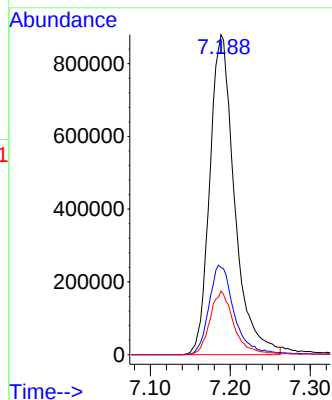
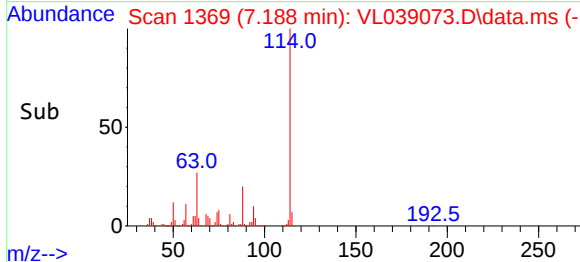
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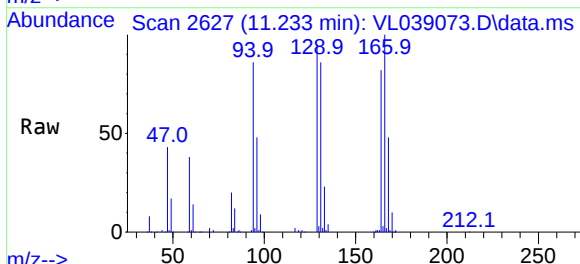
Tgt Ion:114 Resp: 189246
Ion Ratio Lower Upper
114 100
63 29.0 22.6 33.8
88 19.5 15.4 23.0

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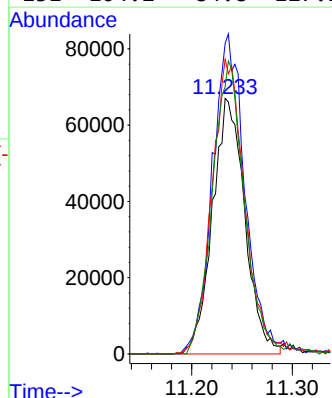
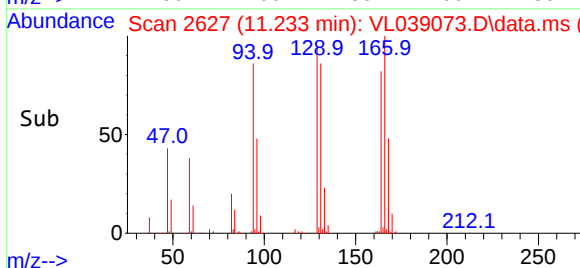
Reviewed By :Semsettin Yesilyurt 05/18/2022
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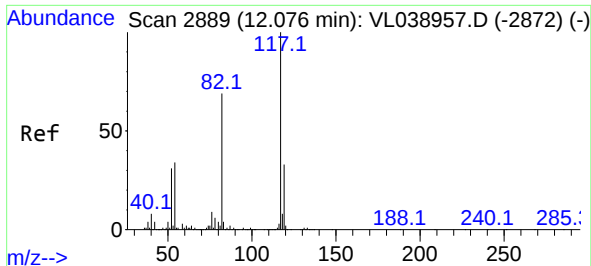


#52
Tetrachloroethene
Concen: 2.579 ppbv
RT: 11.233 min Scan# 2627
Delta R.T. 0.022 min
Lab File: VL039073.D
Acq: 17 May 2022 17:38



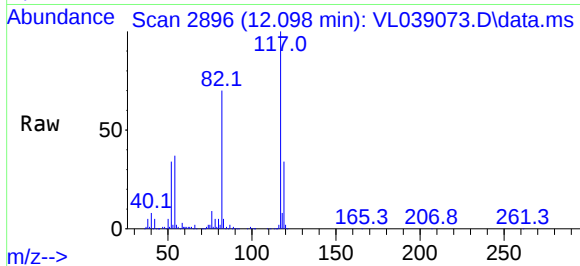
Tgt Ion:164 Resp: 149247
Ion Ratio Lower Upper
164 100
166 121.6 102.5 153.7
129 114.9 90.1 135.1
131 104.2 84.8 127.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL039073.D
Acq: 17 May 2022 17:38

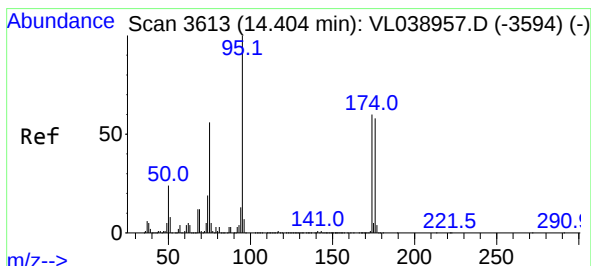
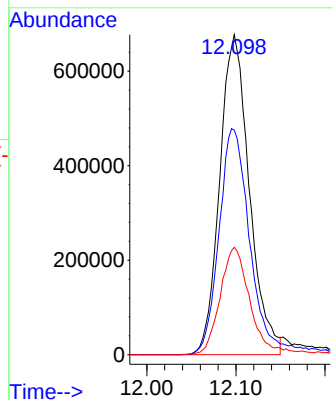
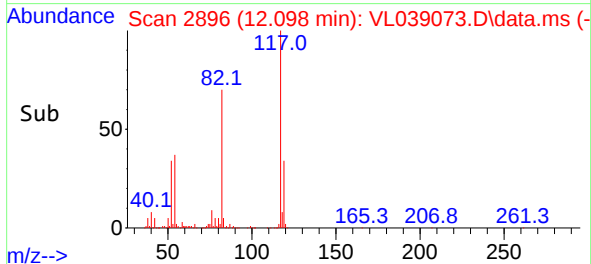
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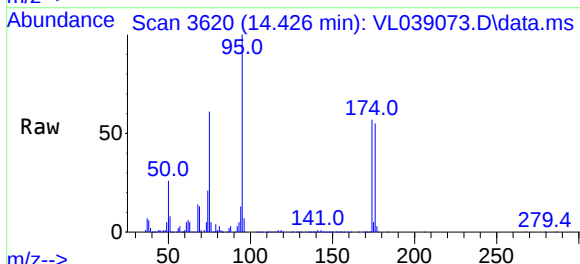
Tgt Ion: 117 Resp: 156514
Ion Ratio Lower Upper
117 100
82 77.0 57.0 85.6
119 34.8 27.2 40.8

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.480 ppbv
RT: 14.426 min Scan# 3620
Delta R.T. 0.022 min
Lab File: VL039073.D
Acq: 17 May 2022 17:38



Tgt Ion: 95 Resp: 1299001
Ion Ratio Lower Upper
95 100
174 62.1 50.8 76.2
175 4.3 3.8 5.6

