

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050922\
 Data File : VL039012.D
 Acq On : 10 May 2022 9:16
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022

Quant Time: May 11 01:45:23 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LThu May 11 14:15:02 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	5.639	49	1022526	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	7.140	114	3008553	10.000	ppbv	-0.03
55) Chlorobenzene-d5	12.040	117	2470633	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.371	95	1817037	9.287	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.900%
Target Compounds						
						Qvalue
9) Propene	3.009	41	13513m	0.244	ppbv	
15) Acetone	3.857	43	19714m	0.204	ppbv	
20) Methylene Chloride	4.324	84	4947m	0.136	ppbv	

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

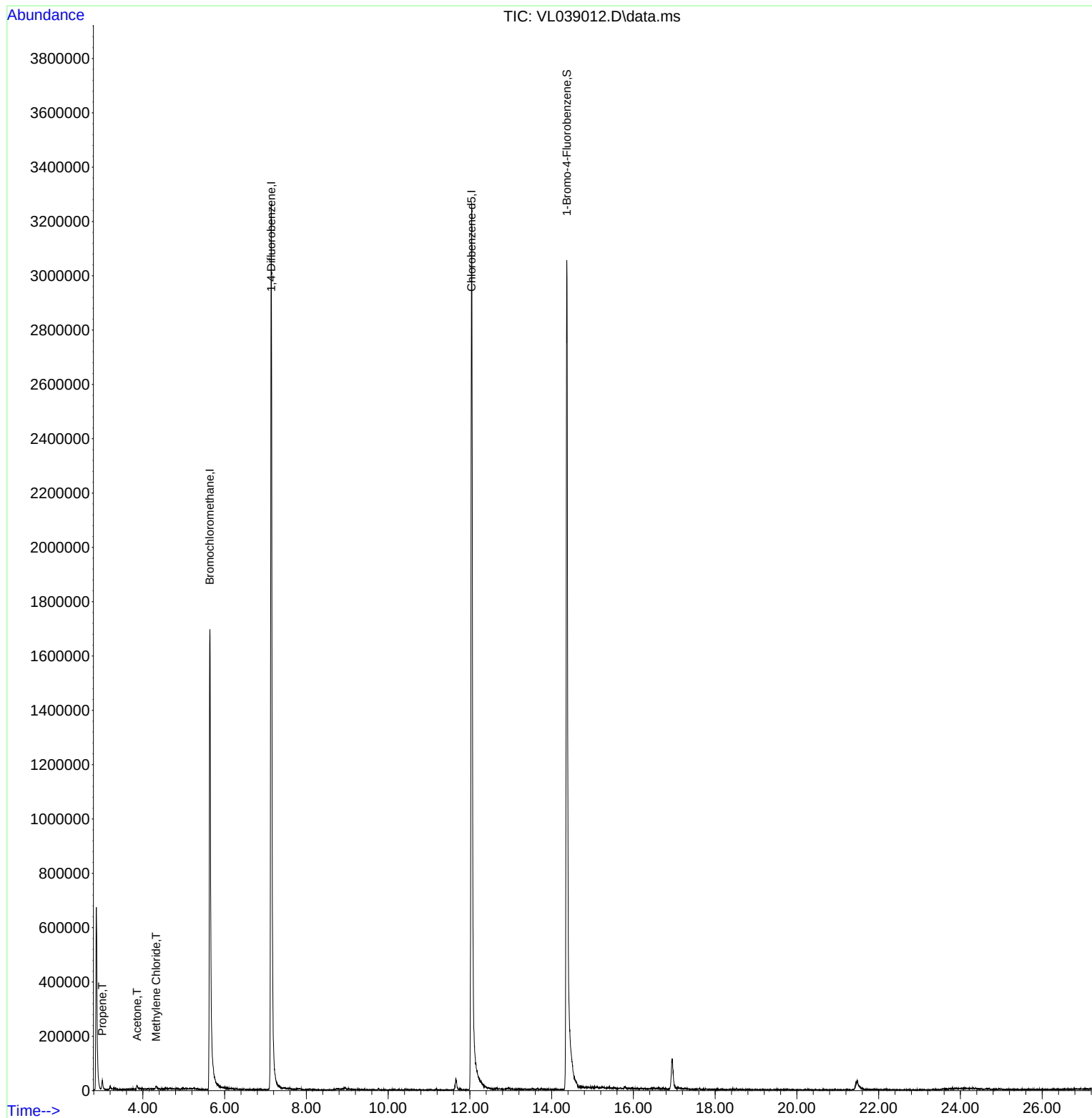
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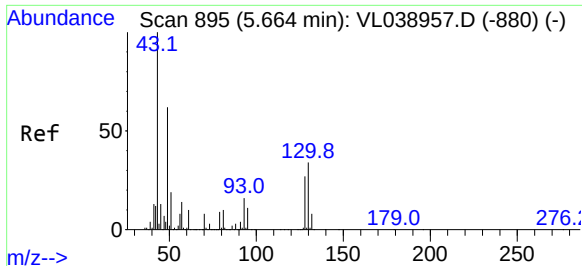
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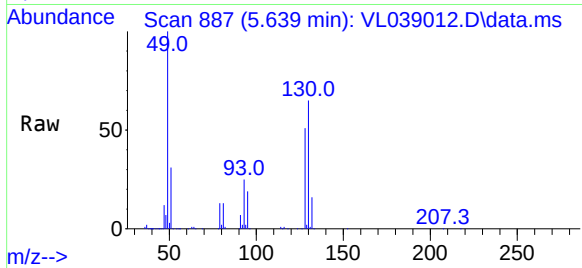
Quant Time: May 11 01:45:23 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.639 min Scan# 81
Delta R.T. -0.026 min
Lab File: VL039012.D
Acq: 10 May 2022 9:16

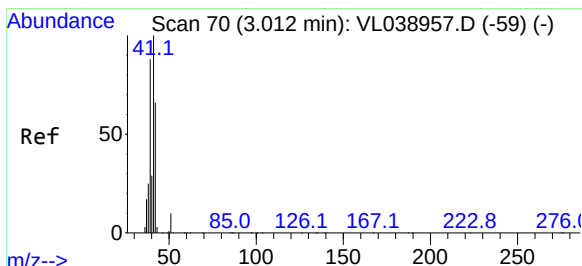
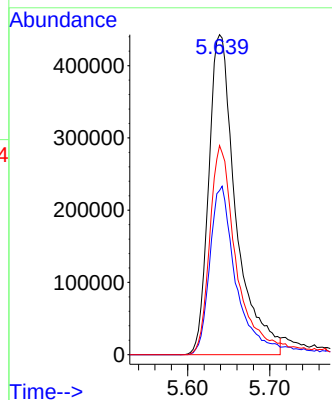
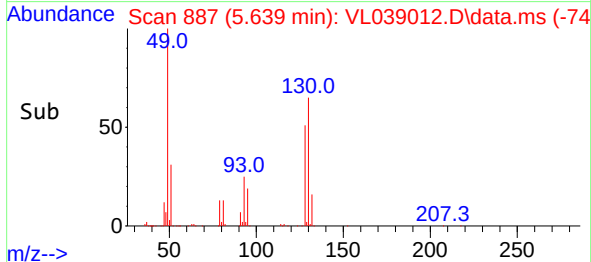
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ClientSampleId :
VIBLK



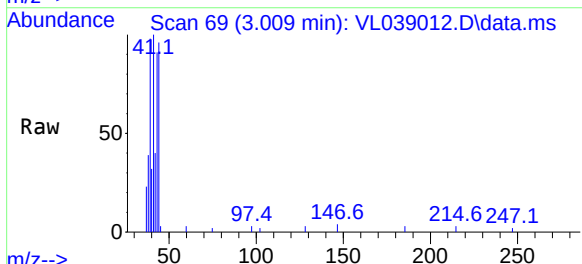
Tgt Ion: 49 Resp: 1022520
Ion Ratio Lower Upper
49 100
128 53.7 23.3 69.8
130 68.3 29.8 89.3

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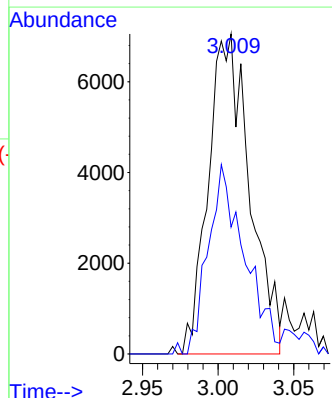
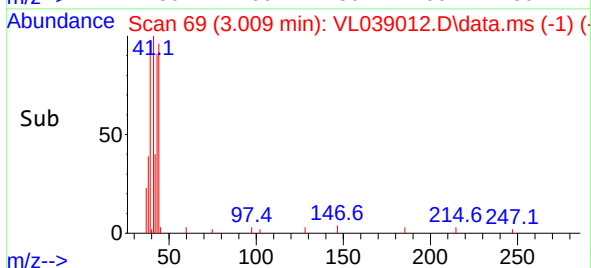
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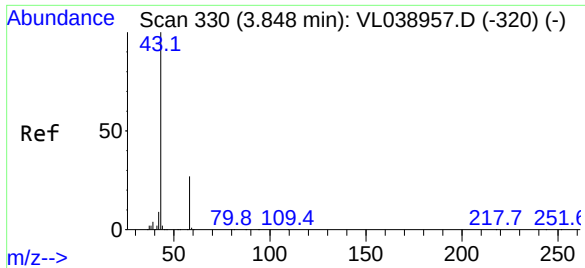


#9
Propene
Concen: 0.244 ppbv m
RT: 3.009 min Scan# 69
Delta R.T. -0.003 min
Lab File: VL039012.D
Acq: 10 May 2022 9:16



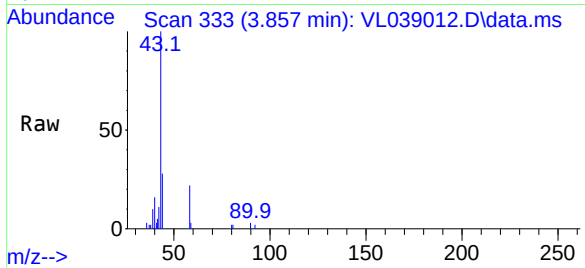
Tgt Ion: 41 Resp: 13513
Ion Ratio Lower Upper
41 100
42 56.5 58.3 87.5#





#15
Acetone
Concen: 0.204 ppbv m
RT: 3.857 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039012.D
Acq: 10 May 2022 9:16

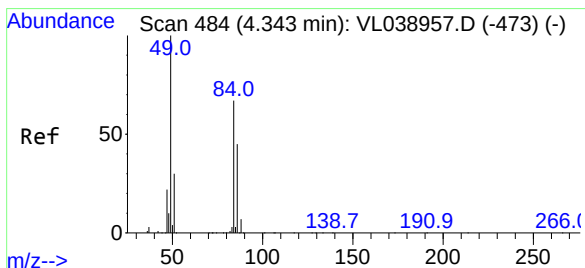
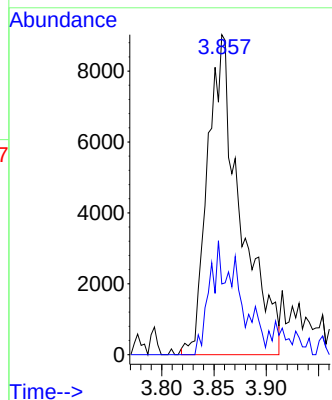
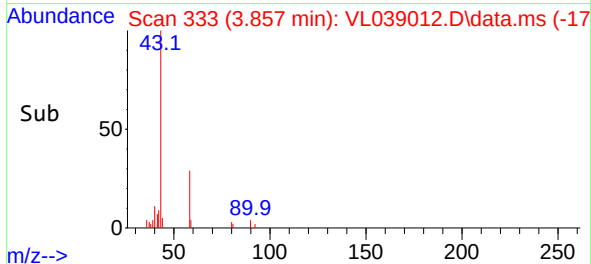
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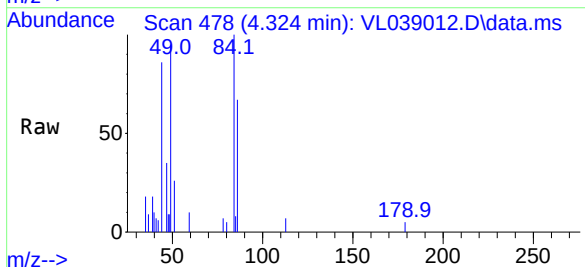
Tgt Ion: 43 Resp: 19714
Ion Ratio Lower Upper
43 100
58 39.7 21.3 31.9

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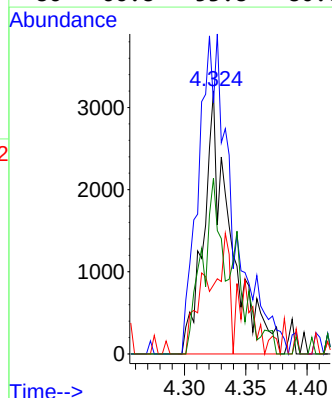
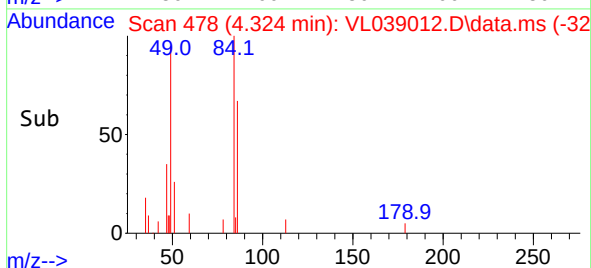
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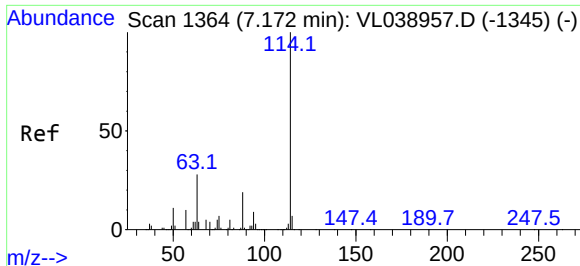


#20
Methylene Chloride
Concen: 0.136 ppbv m
RT: 4.324 min Scan# 478
Delta R.T. -0.019 min
Lab File: VL039012.D
Acq: 10 May 2022 9:16



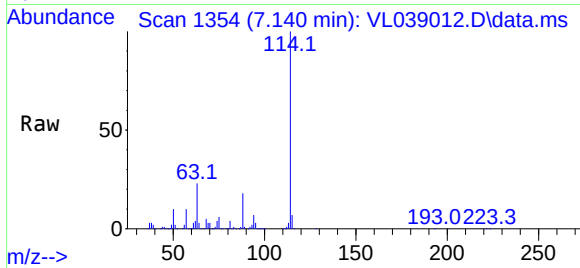
Tgt Ion: 84 Resp: 4947
Ion Ratio Lower Upper
84 100
49 95.4 119.9 179.9#
51 26.2 35.7 53.5#
86 66.8 53.8 80.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.140 min Scan# 11
Delta R.T. -0.032 min
Lab File: VL039012.D
Acq: 10 May 2022 9:16

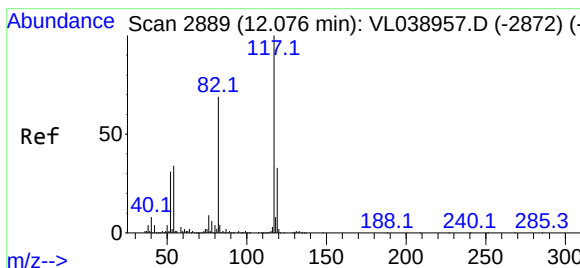
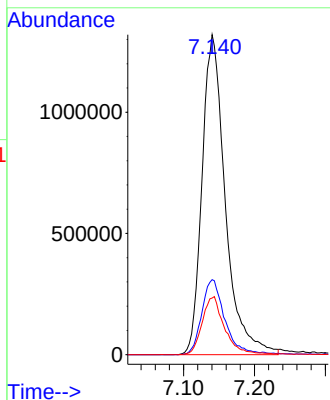
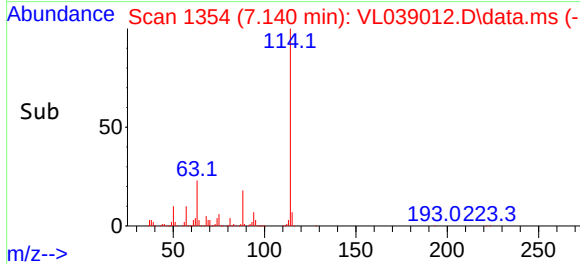
Instrument :
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Tgt Ion:114 Resp: 300855
Ion Ratio Lower Upper
114 100
63 23.9 22.6 33.8
88 17.8 15.4 23.0

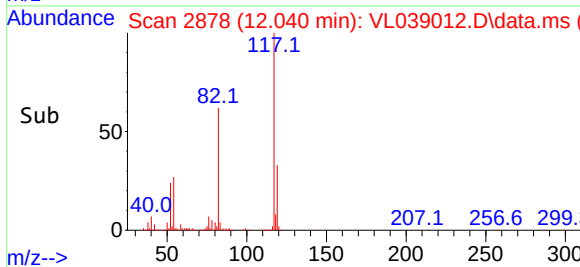
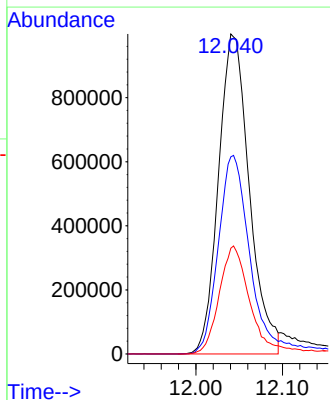
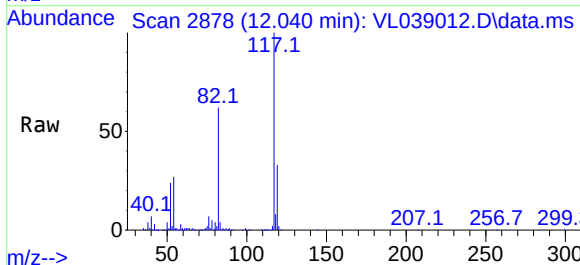
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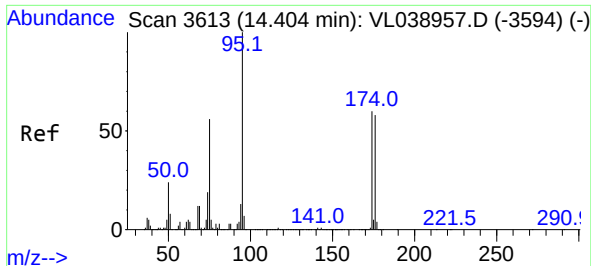
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.040 min Scan# 2878
Delta R.T. -0.035 min
Lab File: VL039012.D
Acq: 10 May 2022 9:16

Tgt Ion:117 Resp: 2470633
Ion Ratio Lower Upper
117 100
82 67.7 57.0 85.6
119 35.4 27.2 40.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.287 ppbv
 RT: 14.371 min Scan# 30
 Delta R.T. -0.032 min
 Lab File: VL039012.D
 Acq: 10 May 2022 9:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 181703
 Ion Ratio Lower Upper
 95 100
 174 68.9 50.8 76.2
 175 4.9 3.8 5.6

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