

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL040002.D
 Acq On : 13 Dec 2022 8:05
 Operator : SY/MD
 Sample : N5969-05DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

Quant Time: Dec 13 14:17:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	796074	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.632	114	2446504	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.445	117	2229267	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1761611	10.346	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.500%
Target Compounds						
						Qvalue
15) Acetone	3.468	43	64898	0.615	ppbv	93
20) Methylene Chloride	3.915	84	23652	0.462	ppbv	94
52) Tetrachloroethene	10.587	164	44334m	0.570	ppbv	

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

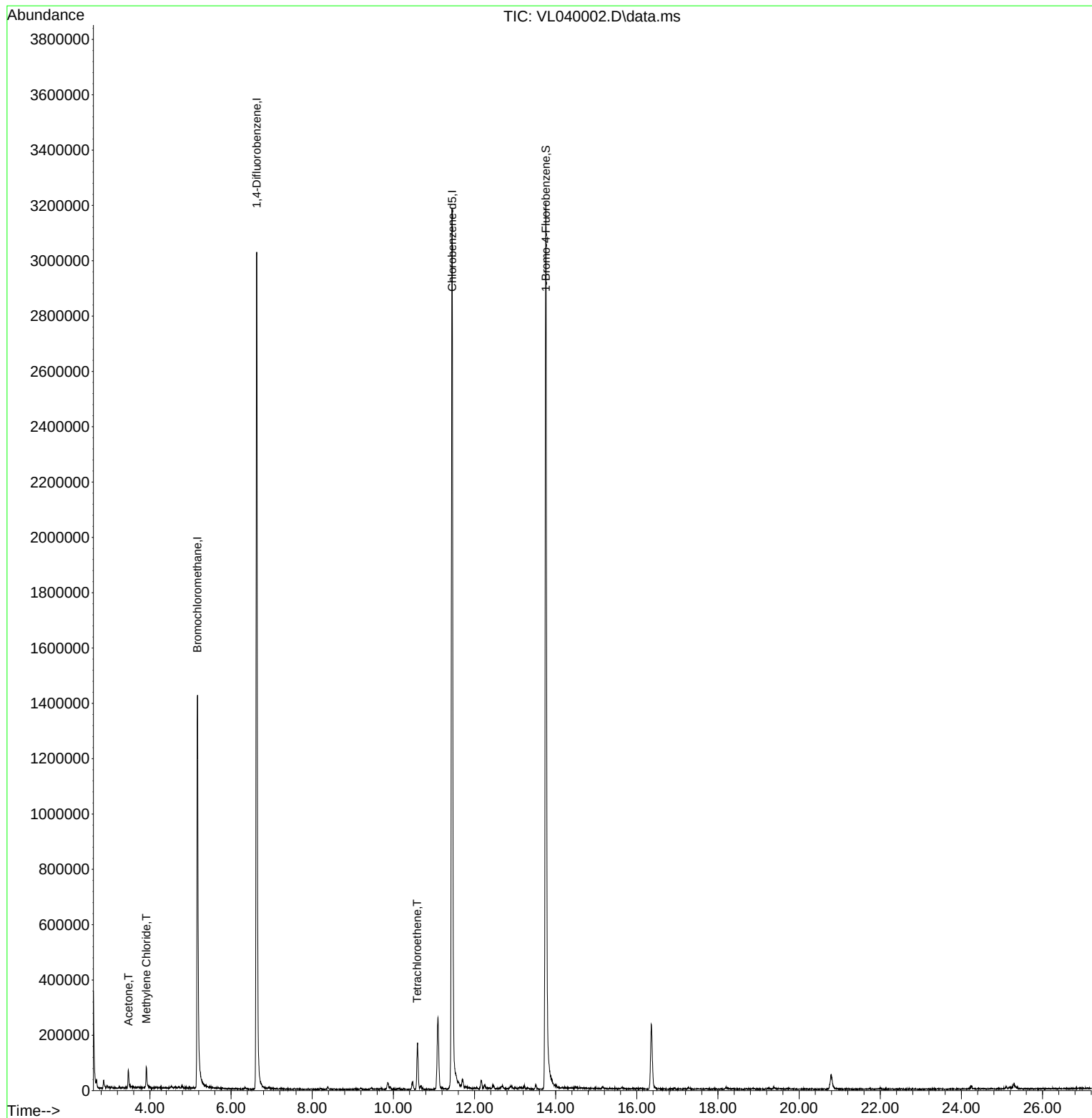
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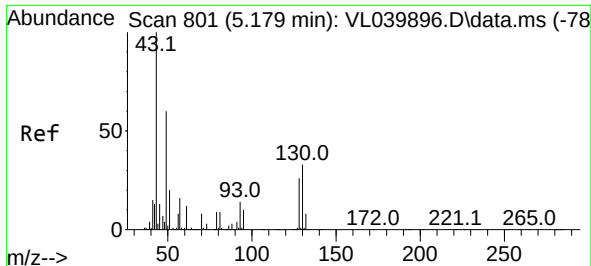
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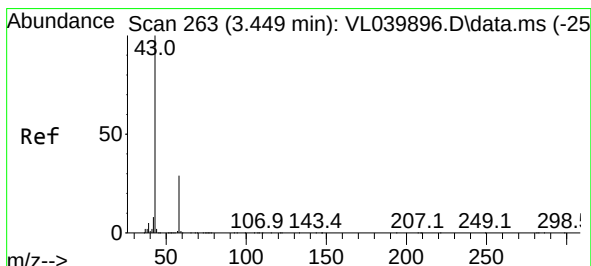
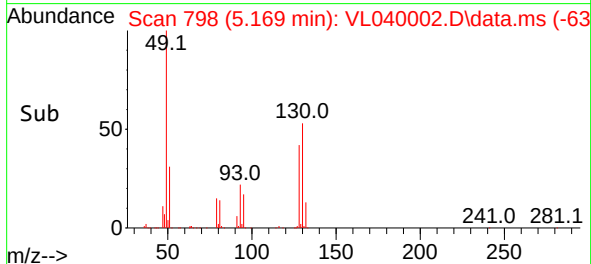
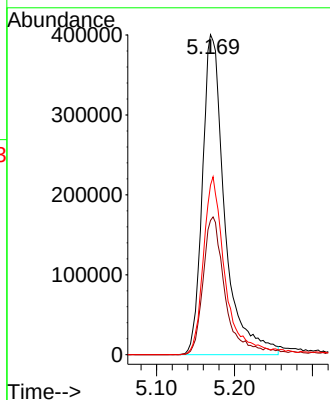
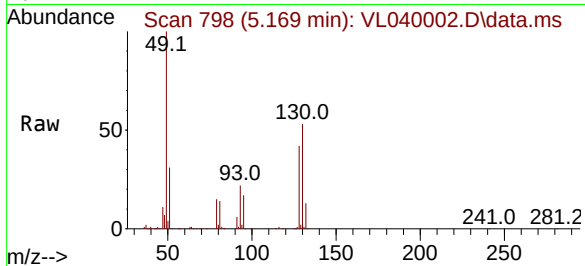
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 798
Delta R.T. 0.013 min
Lab File: VL040002.D
Acq: 13 Dec 2022 8:05

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL2

Tgt Ion: 49 Resp: 796074
Ion Ratio Lower Upper
49 100
128 43.7 22.1 66.3
130 57.2 27.7 83.1

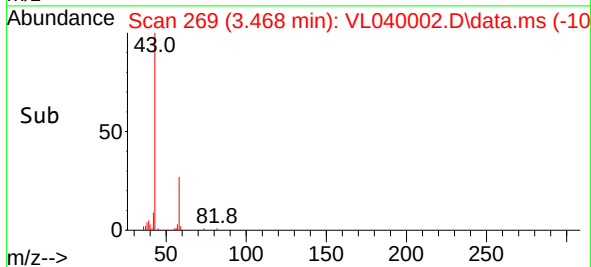
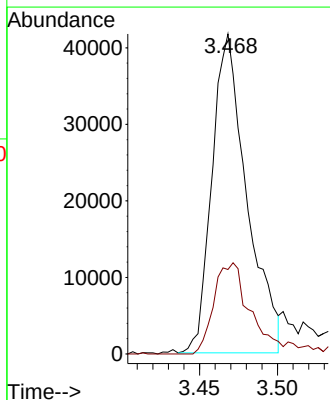
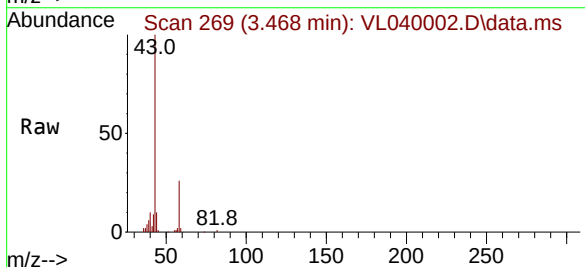
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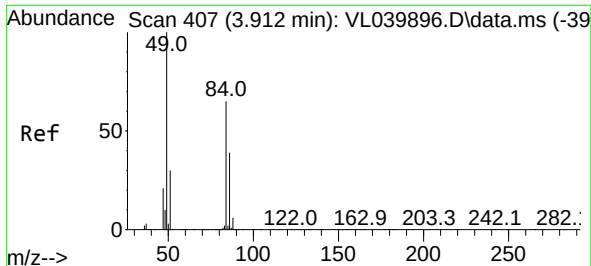
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#15
Acetone
Concen: 0.615 ppbv
RT: 3.468 min Scan# 269
Delta R.T. 0.035 min
Lab File: VL040002.D
Acq: 13 Dec 2022 8:05

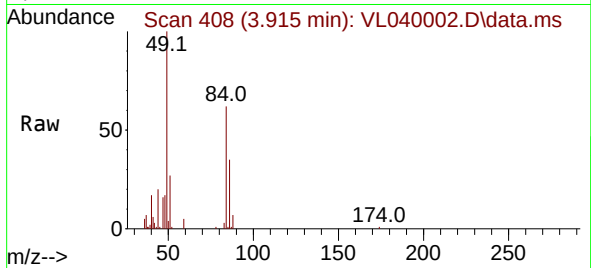
Tgt Ion: 43 Resp: 64898
Ion Ratio Lower Upper
43 100
58 32.2 22.9 34.3





#20
Methylene Chloride
Concen: 0.462 ppbv
RT: 3.915 min Scan# 407
Delta R.T. 0.019 min
Lab File: VL040002.D
Acq: 13 Dec 2022 8:05

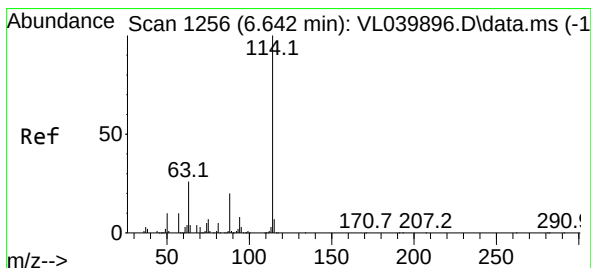
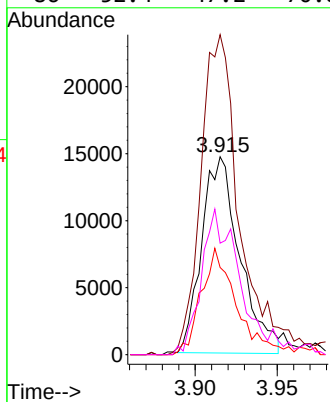
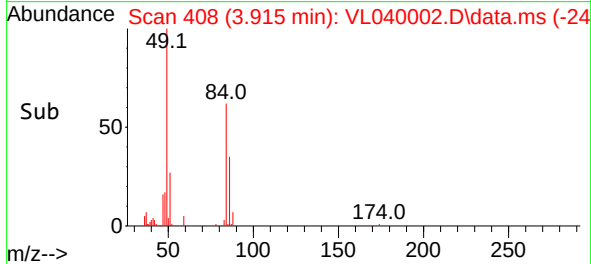
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL2



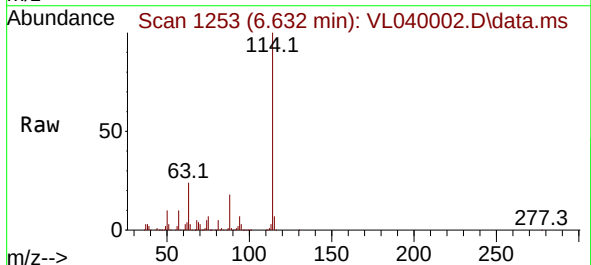
Tgt Ion: 84 Resp: 23652
Ion Ratio Lower Upper
84 100
49 159.8 122.2 183.4
51 42.9 36.3 54.5
86 52.4 47.2 70.8

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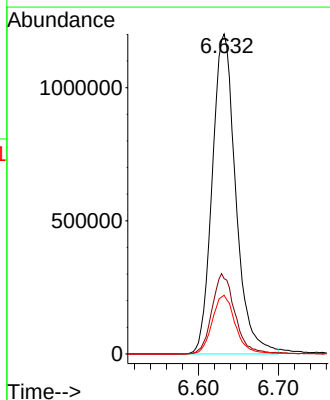
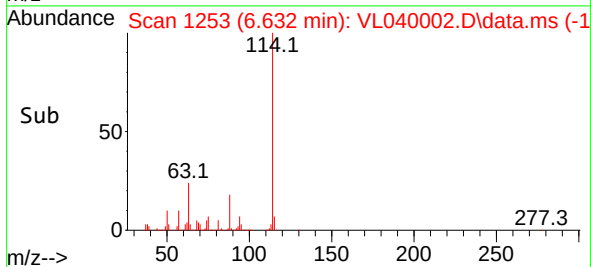
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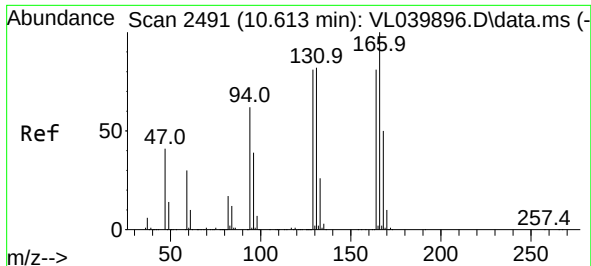


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.013 min
Lab File: VL040002.D
Acq: 13 Dec 2022 8:05



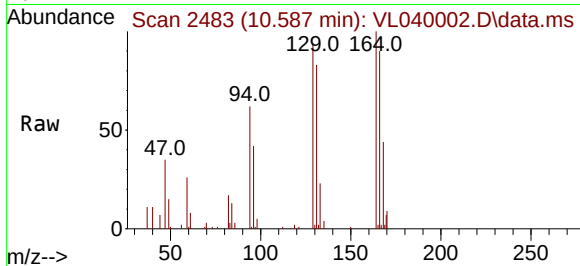
Tgt Ion:114 Resp: 2446504
Ion Ratio Lower Upper
114 100
63 24.8 21.4 32.0
88 18.3 15.3 22.9





#52
Tetrachloroethene
Concen: 0.570 ppbv m
RT: 10.587 min Scan# 2491
Delta R.T. 0.006 min
Lab File: VL040002.D
Acq: 13 Dec 2022 8:05

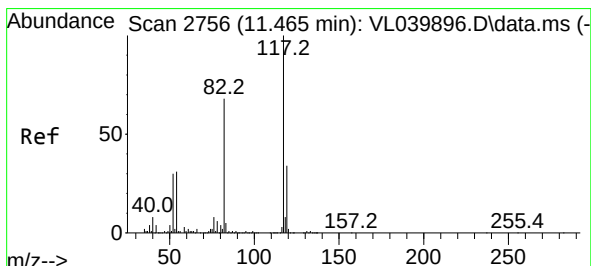
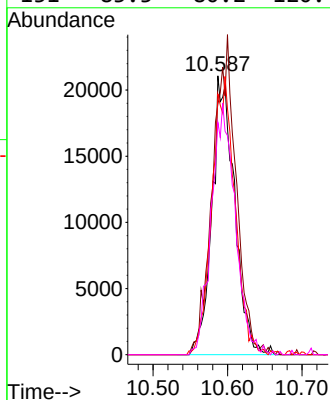
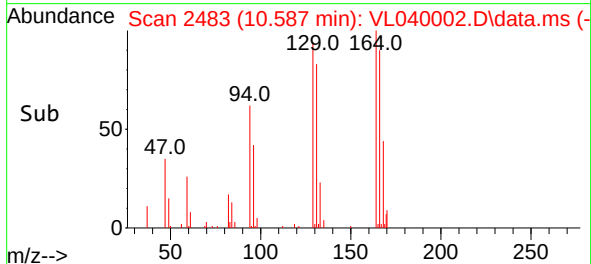
Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 44334
Ion Ratio Lower Upper
164 100
166 89.8 98.3 147.5
129 93.5 79.7 119.5
131 83.3 80.2 120.4

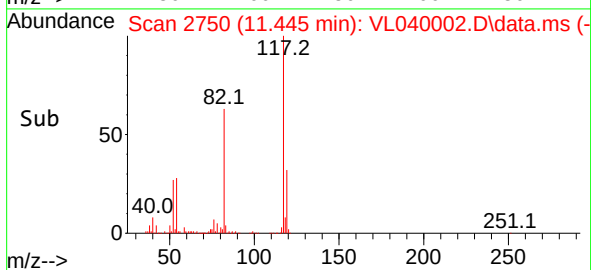
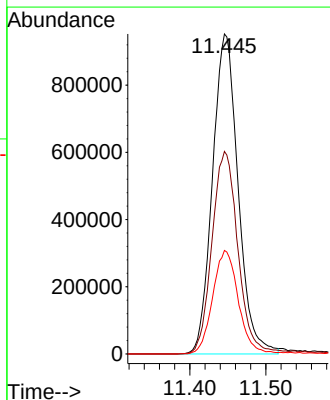
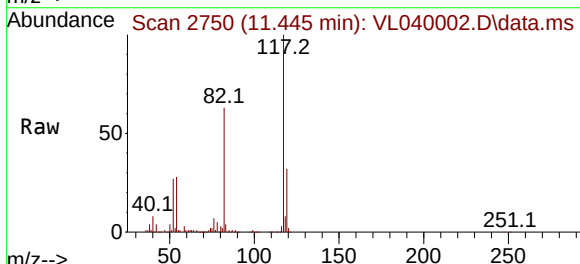
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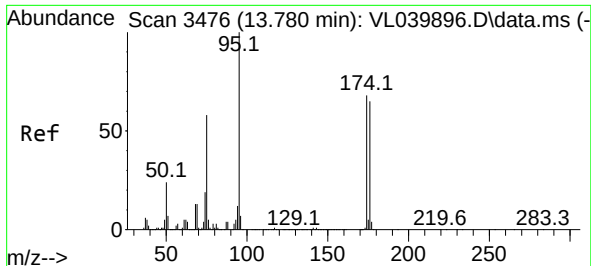
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.445 min Scan# 2750
Delta R.T. 0.013 min
Lab File: VL040002.D
Acq: 13 Dec 2022 8:05

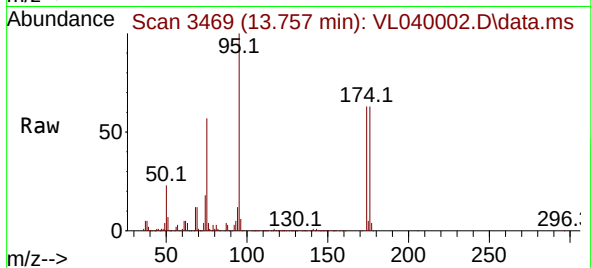
Tgt Ion:117 Resp: 2229267
Ion Ratio Lower Upper
117 100
82 65.4 52.3 78.5
119 33.1 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.346 ppbv
 RT: 13.757 min Scan# 3476
 Delta R.T. 0.016 min
 Lab File: VL040002.D
 Acq: 13 Dec 2022 8:05

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL2



Tgt Ion: 95 Resp: 176161
 Ion Ratio Lower Upper
 95 100
 174 66.3 53.7 80.5
 175 4.8 4.0 6.0

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