

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039773.D
 Acq On : 25 Oct 2022 1:30
 Operator : SY/AP
 Sample : N5227-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BDL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/28/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 25 15:01:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	936862	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2399215	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2065136	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1447734	9.855	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%
Target Compounds						
					Qvalue	
15) Acetone	3.500	43	95701	0.855	ppbv	94
20) Methylene Chloride	3.951	84	18010	0.423	ppbv #	86
52) Tetrachloroethene	10.616	164	18424m	0.266	ppbv	

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

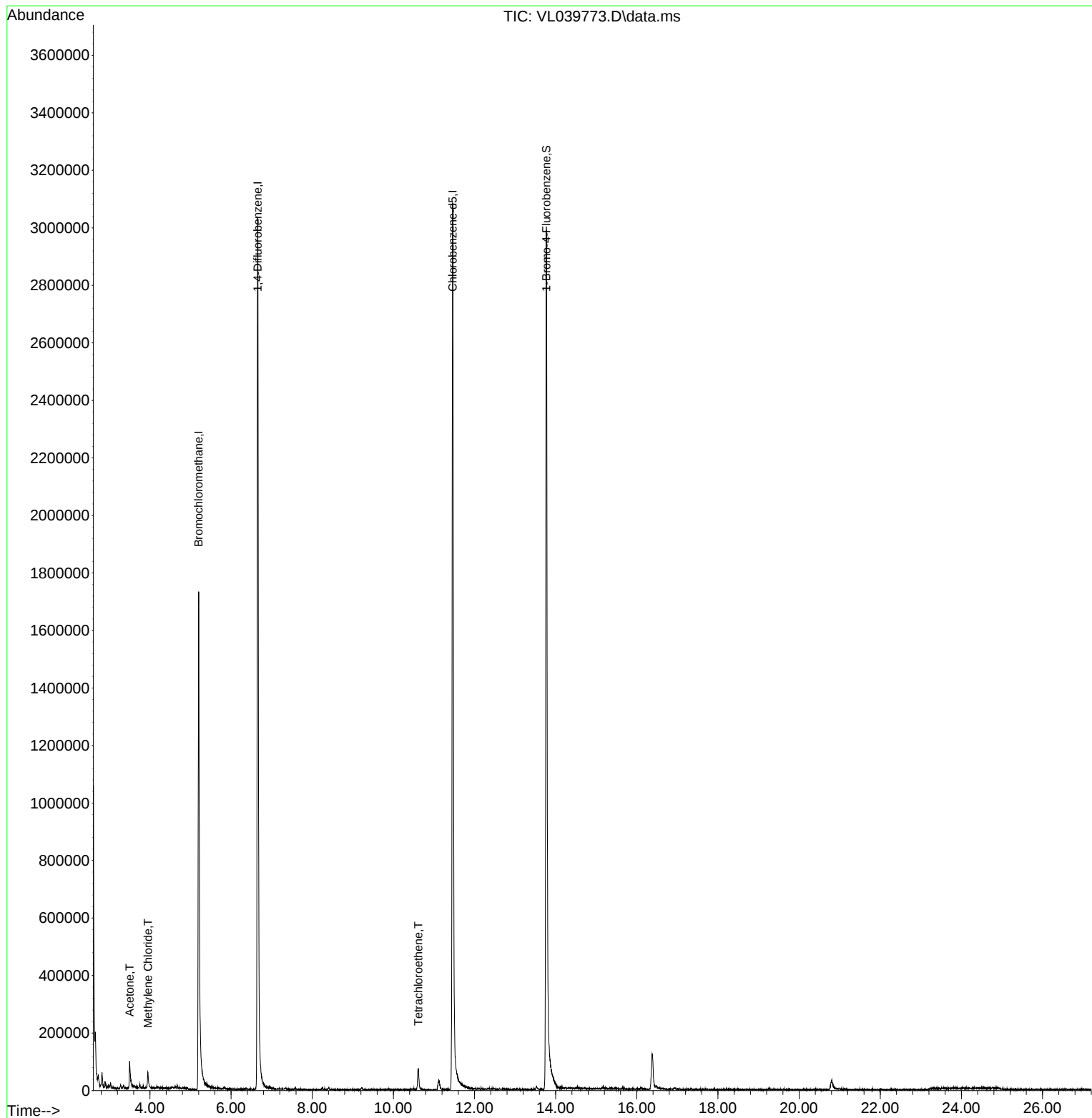
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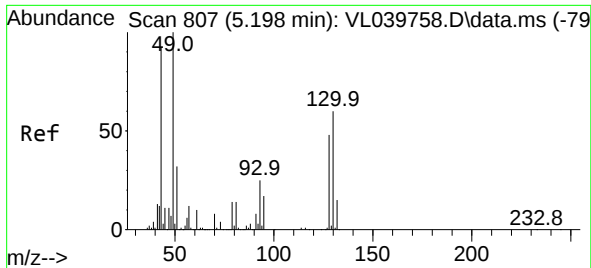
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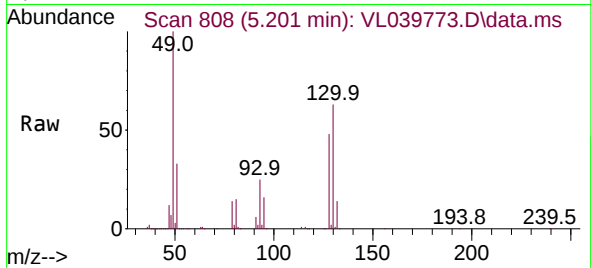
Quant Time: Oct 25 15:01:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Oct 24 20:00:55 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL039773.D
Acq: 25 Oct 2022 1:30

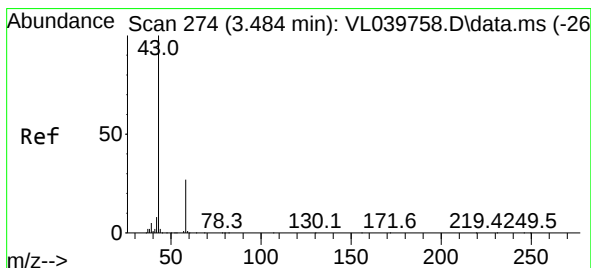
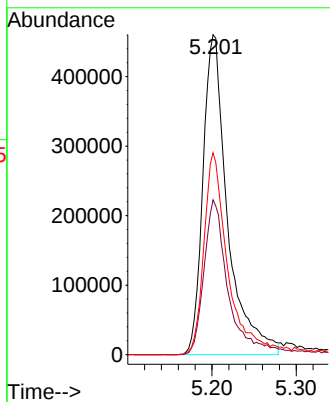
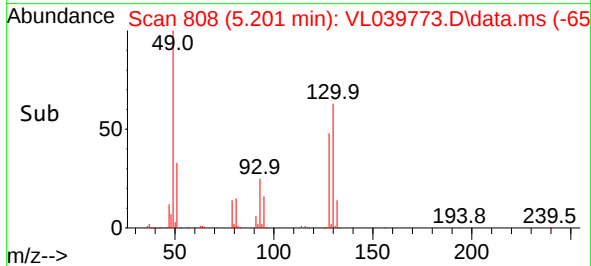
Instrument :
MSVOA_L
ClientSampleId :
BDL



Tgt Ion: 49 Resp: 936862
Ion Ratio Lower Upper
49 100
128 49.7 24.6 74.0
130 65.3 31.8 95.3

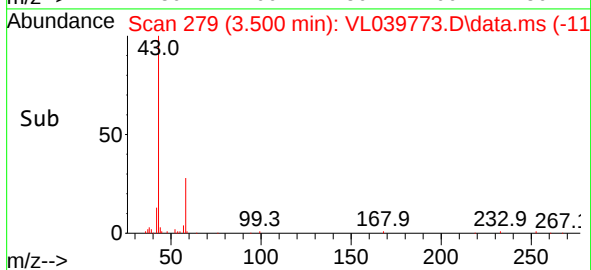
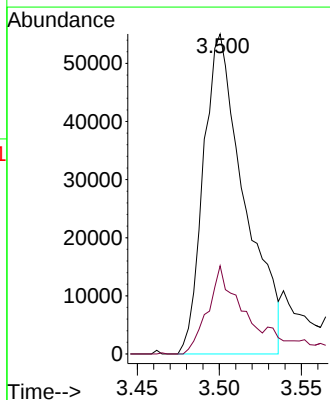
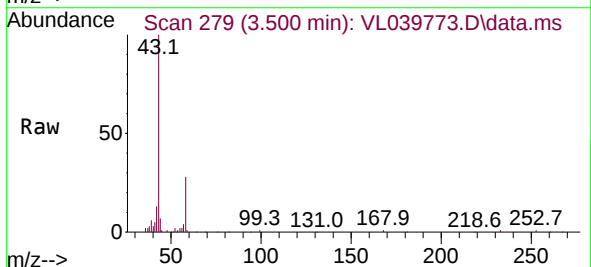
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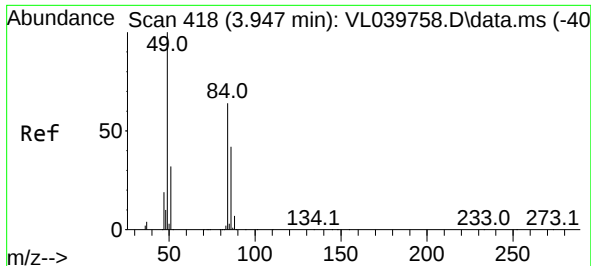
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Supervised By :Mahesh Dadoda 10/31/2022



#15
Acetone
Concen: 0.855 ppbv
RT: 3.500 min Scan# 279
Delta R.T. 0.016 min
Lab File: VL039773.D
Acq: 25 Oct 2022 1:30

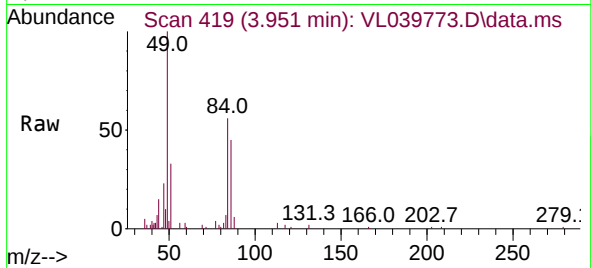
Tgt Ion: 43 Resp: 95701
Ion Ratio Lower Upper
43 100
58 28.8 20.7 31.1





#20
Methylene Chloride
Concen: 0.423 ppbv
RT: 3.951 min Scan# 418
Delta R.T. 0.003 min
Lab File: VL039773.D
Acq: 25 Oct 2022 1:30

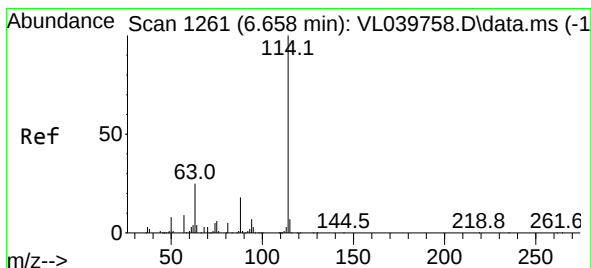
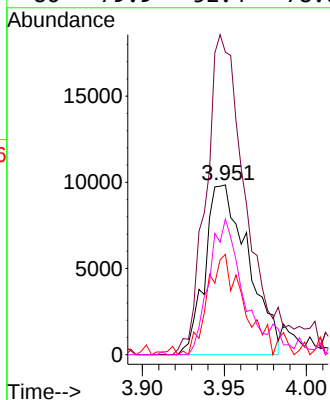
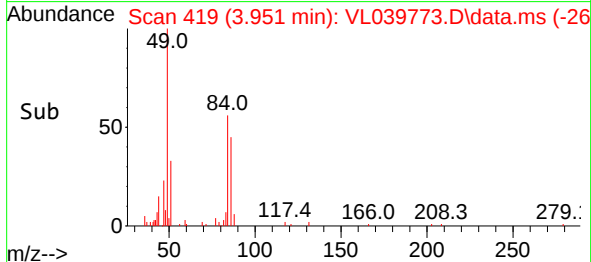
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BDL



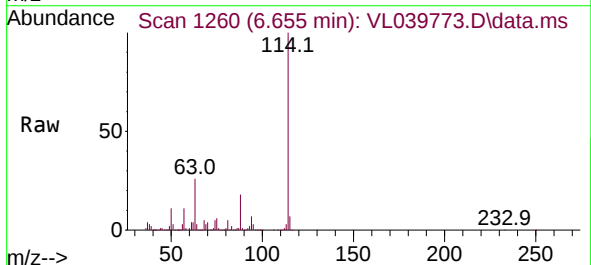
Tgt Ion: 84 Resp: 18010
Ion Ratio Lower Upper
84 100
49 175.2 126.0 189.0
51 59.1 40.9 61.3
86 79.9 52.4 78.6#

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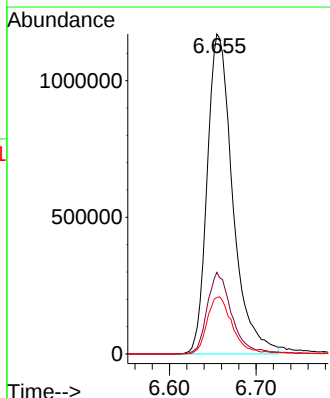
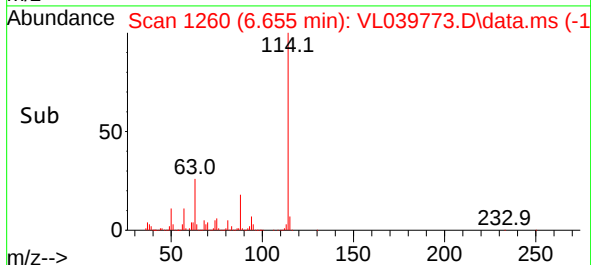
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Supervised By :Mahesh Dadoda 10/31/2022

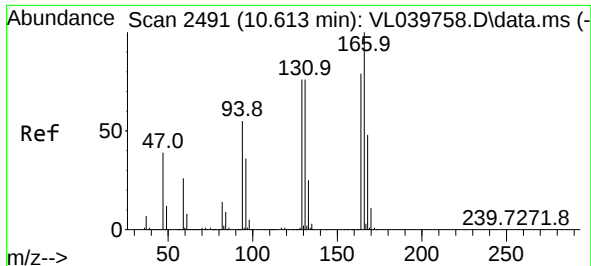


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VL039773.D
Acq: 25 Oct 2022 1:30



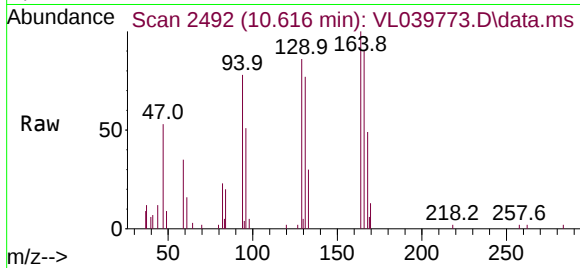
Tgt Ion:114 Resp: 2399215
Ion Ratio Lower Upper
114 100
63 25.0 20.1 30.1
88 18.1 14.5 21.7





#52
Tetrachloroethene
Concen: 0.266 ppbv m
RT: 10.616 min Scan# 2491
Delta R.T. 0.003 min
Lab File: VL039773.D
Acq: 25 Oct 2022 1:30

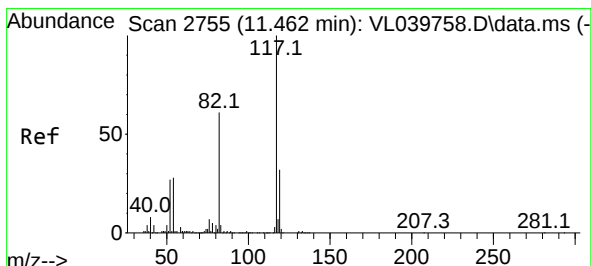
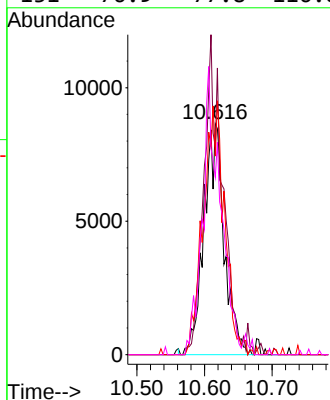
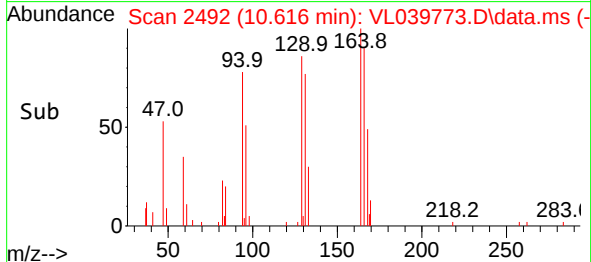
Instrument :
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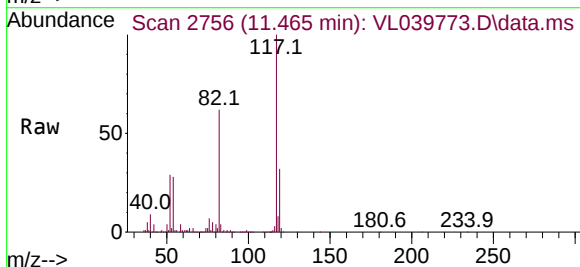
Tgt Ion:164 Resp: 18424
Ion Ratio Lower Upper
164 100
166 89.9 101.8 152.6
129 86.0 77.5 116.3
131 76.9 77.8 116.8#

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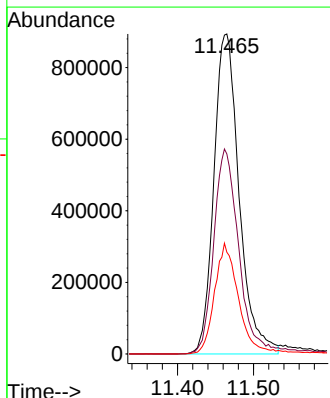
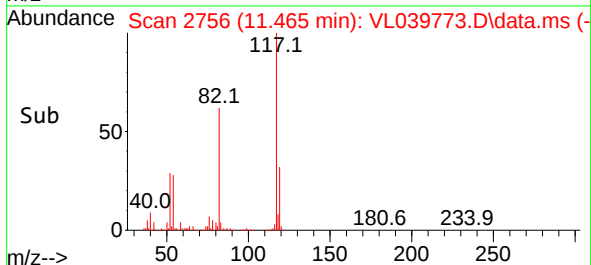
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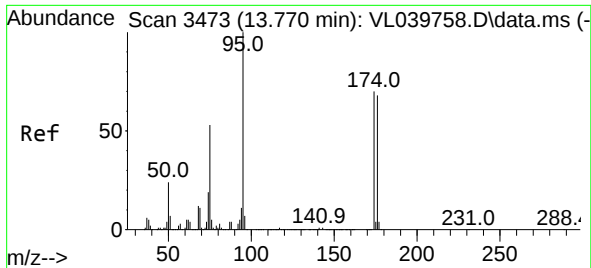


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VL039773.D
Acq: 25 Oct 2022 1:30



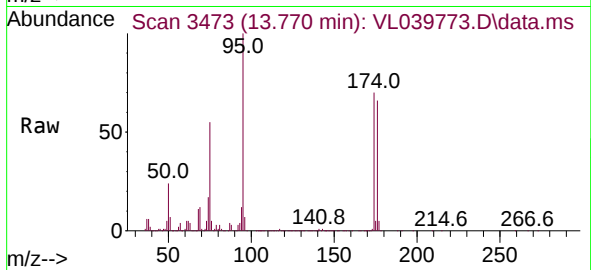
Tgt Ion:117 Resp: 2065136
Ion Ratio Lower Upper
117 100
82 65.1 49.9 74.9
119 33.6 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.855 ppbv
 RT: 13.770 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VL039773.D
 Acq: 25 Oct 2022 1:30

Instrument :
 MSVOA_L
 ClientSampleId :
 BDL



Tgt Ion: 95 Resp: 1447734
 Ion Ratio Lower Upper
 95 100
 174 75.0 57.3 85.9
 175 5.5 4.2 6.2

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