

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039783.D
 Acq On : 25 Oct 2022 8:05
 Operator : SY/AP
 Sample : N5227-07DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GDL

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 15:03:26 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-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	5.198	49	958238	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2421854	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2069214	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1453775	9.876	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
9) Propene	2.716	41	92129	1.863	ppbv	91
15) Acetone	3.494	43	115860	1.012	ppbv	98
20) Methylene Chloride	3.947	84	45706	1.050	ppbv	89
36) Benzene	6.375	78	93854	0.503	ppbv	95
53) Toluene	9.214	91	35398m	0.181	ppbv	

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

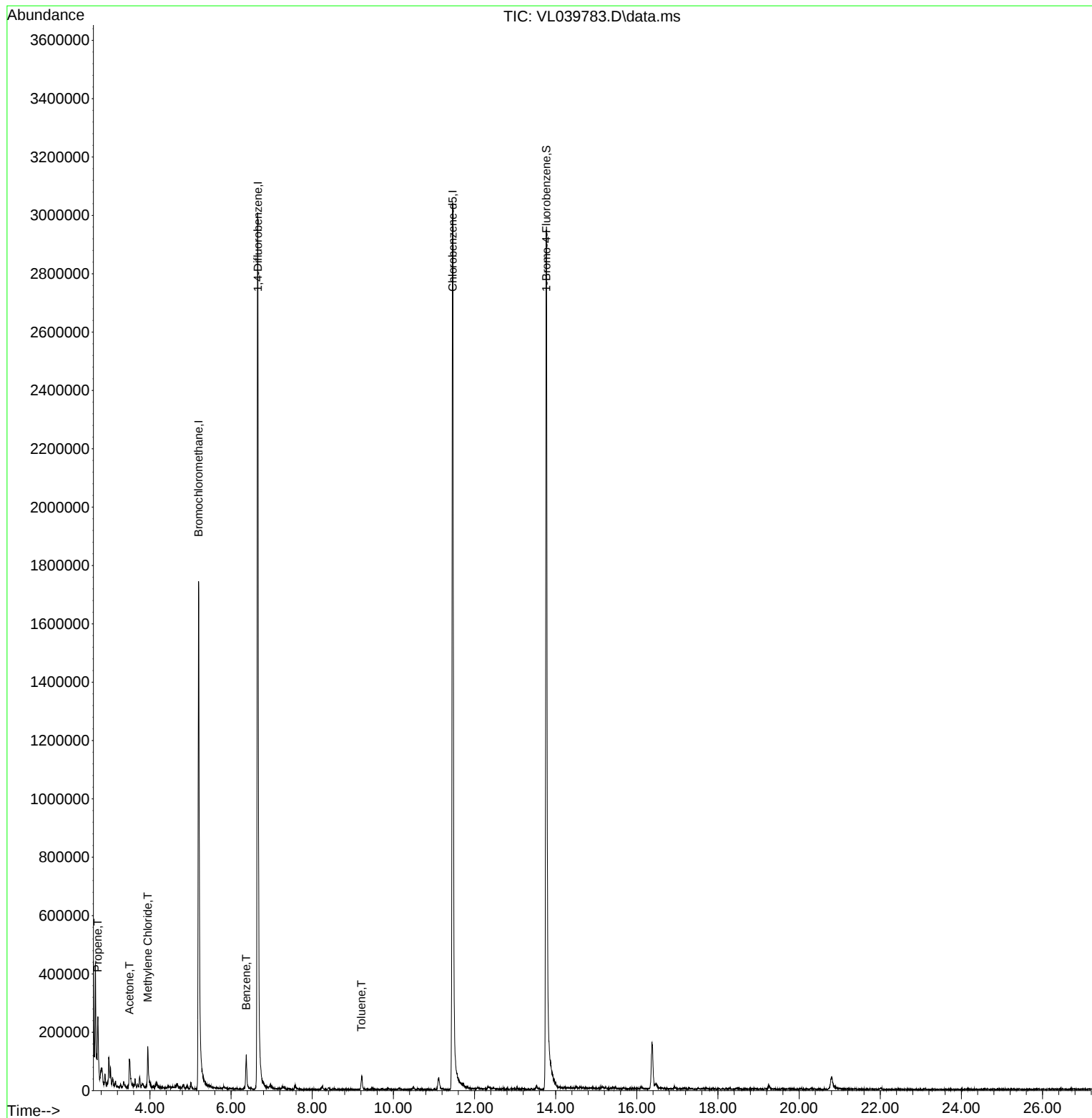
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
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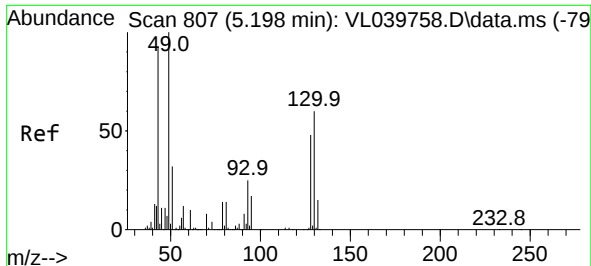
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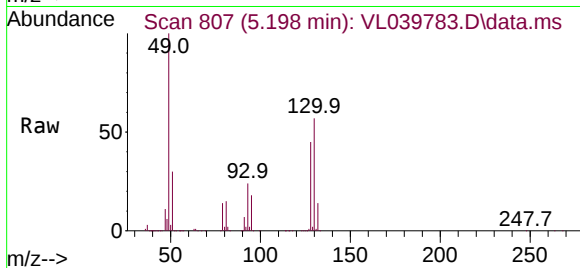
Quant Time: Oct 25 15:03:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Oct 24 20:00:55 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL039783.D
Acq: 25 Oct 2022 8:05

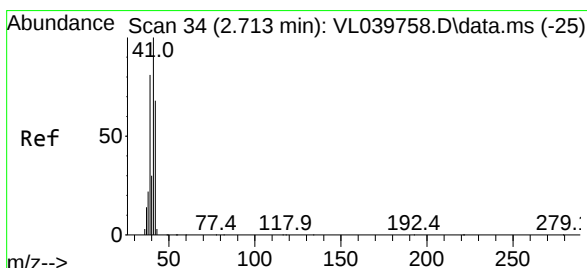
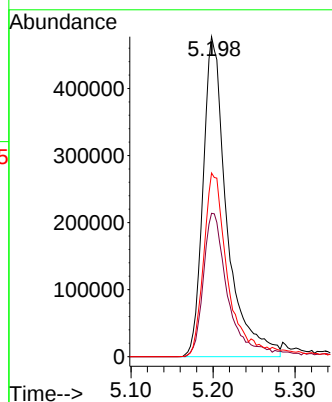
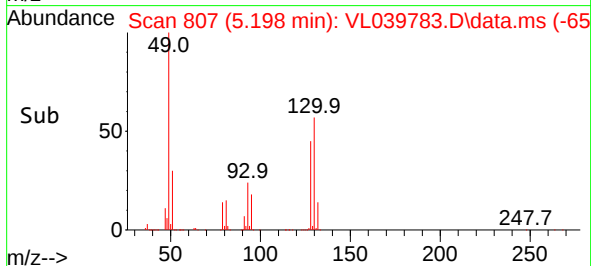
Instrument :
MSVOA_L
ClientSampleId :
GDL



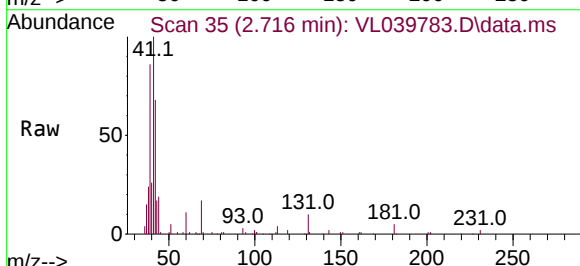
Tgt Ion: 49 Resp: 958238
Ion Ratio Lower Upper
49 100
128 47.5 24.6 74.0
130 62.2 31.8 95.3

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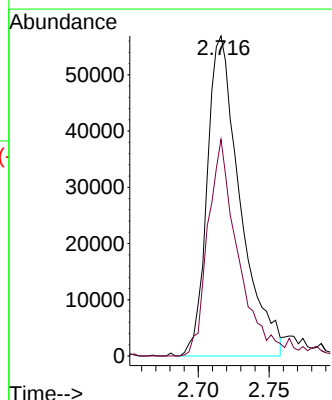
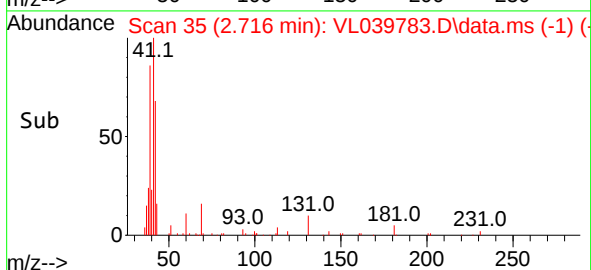
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

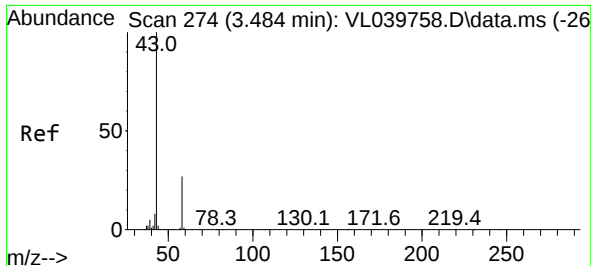


#9
Propene
Concen: 1.863 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.003 min
Lab File: VL039783.D
Acq: 25 Oct 2022 8:05



Tgt Ion: 41 Resp: 92129
Ion Ratio Lower Upper
41 100
42 65.3 58.0 87.0





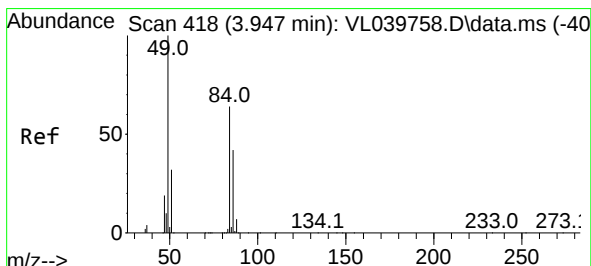
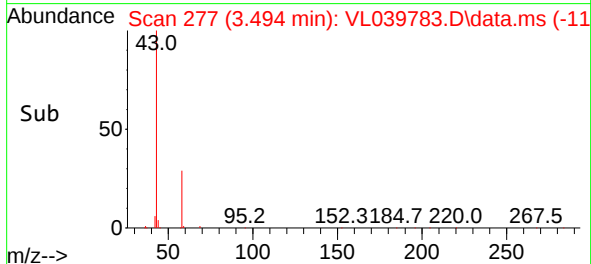
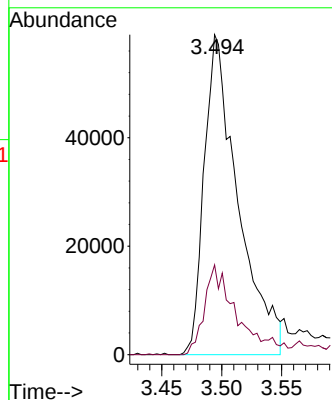
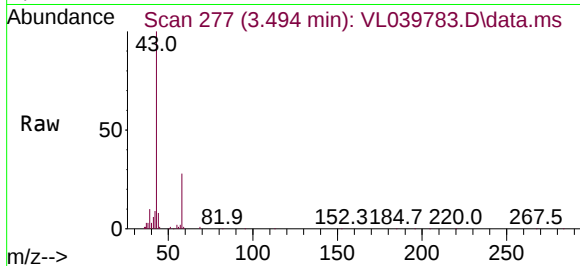
#15
Acetone
Concen: 1.012 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039783.D
Acq: 25 Oct 2022 8:05

Instrument :
MSVOA_L
ClientSampleId :
GDL

Tgt Ion: 43 Resp: 115860
Ion Ratio Lower Upper
43 100
58 26.9 20.7 31.1

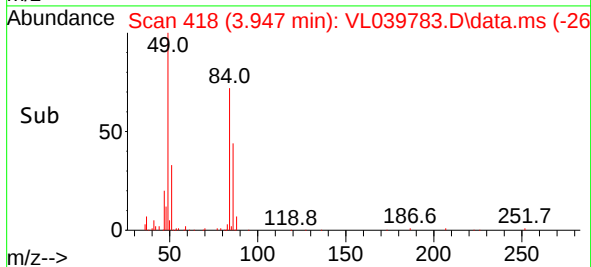
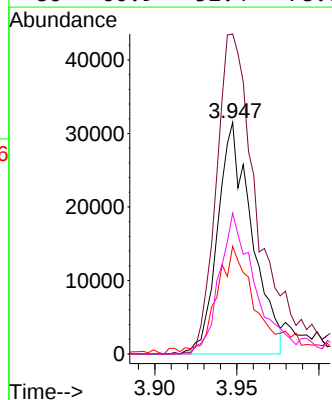
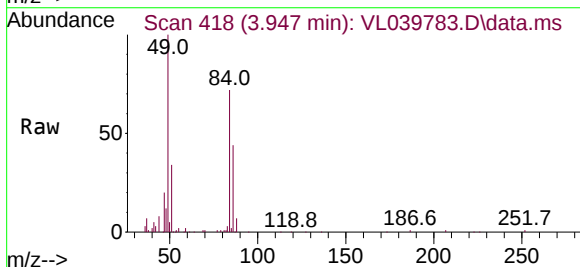
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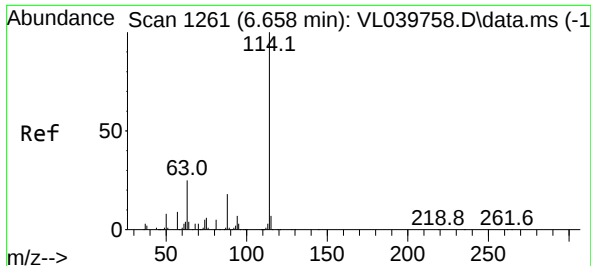
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 1.050 ppbv
RT: 3.947 min Scan# 418
Delta R.T. -0.000 min
Lab File: VL039783.D
Acq: 25 Oct 2022 8:05

Tgt Ion: 84 Resp: 45706
Ion Ratio Lower Upper
84 100
49 138.2 126.0 189.0
51 46.2 40.9 61.3
86 60.9 52.4 78.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL039783.D

Acq: 25 Oct 2022 8:05

Instrument :

MSVOA_L

ClientSampleId :

GDL

Tgt Ion:114 Resp: 2421854

Ion Ratio Lower Upper

114 100

63 25.5 20.1 30.1

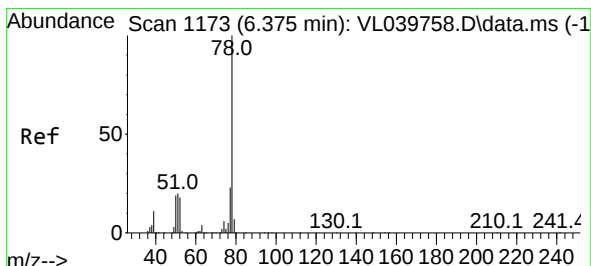
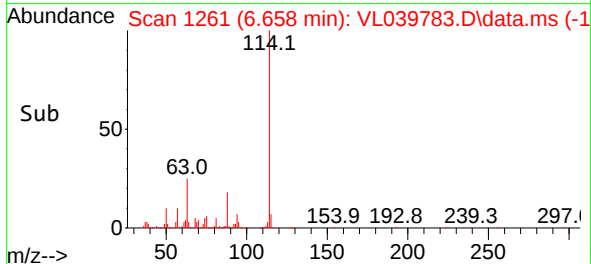
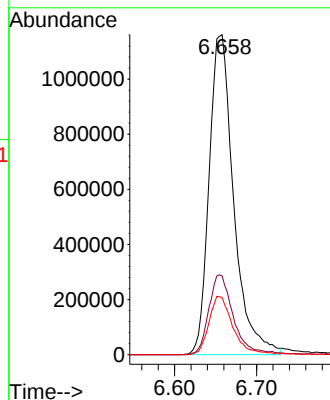
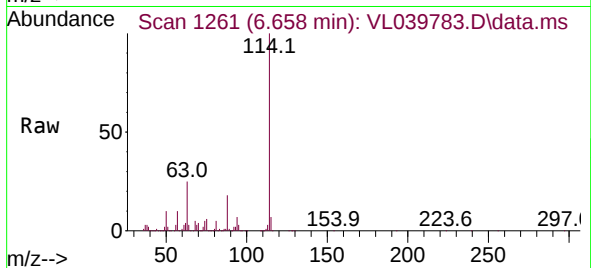
88 18.0 14.5 21.7

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#36

Benzene

Concen: 0.503 ppbv

RT: 6.375 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VL039783.D

Acq: 25 Oct 2022 8:05

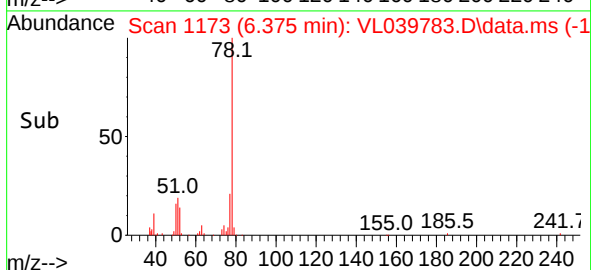
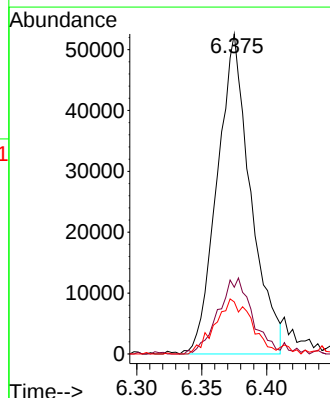
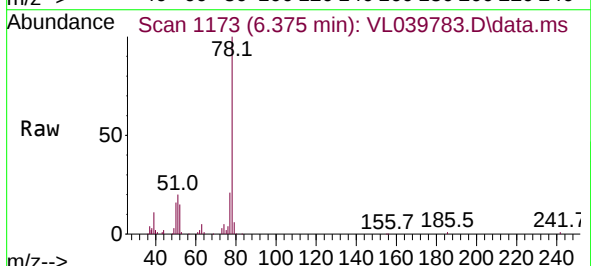
Tgt Ion: 78 Resp: 93854

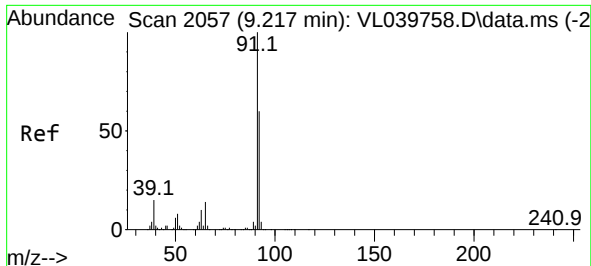
Ion Ratio Lower Upper

78 100

77 20.8 18.3 27.5

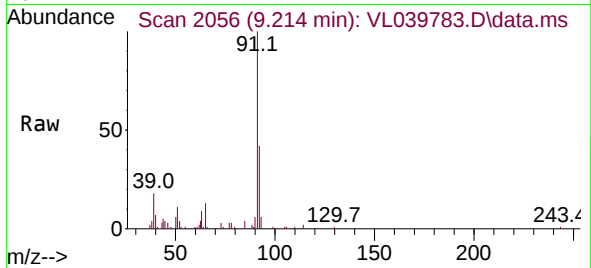
50 16.2 15.2 22.8





#53
Toluene
Concen: 0.181 ppbv m
RT: 9.214 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL039783.D
Acq: 25 Oct 2022 8:05

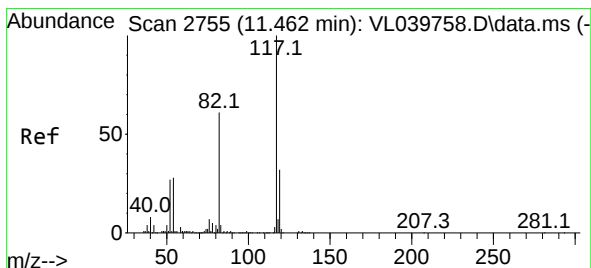
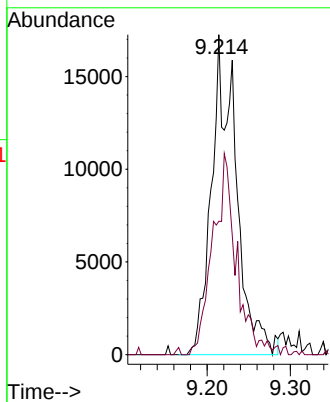
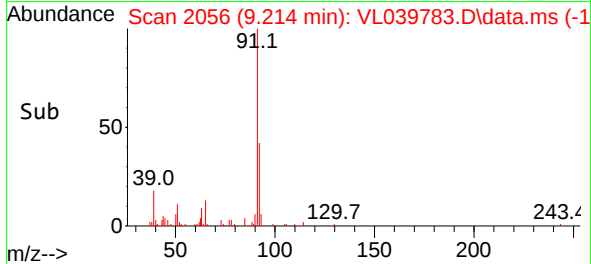
Instrument :
MSVOA_L
ClientSampleId :
GDL



Tgt Ion: 91 Resp: 35398
Ion Ratio Lower Upper
91 100
92 60.7 48.0 72.0

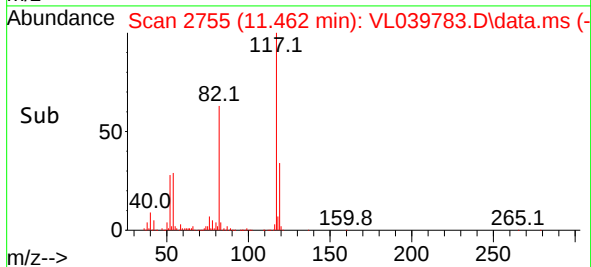
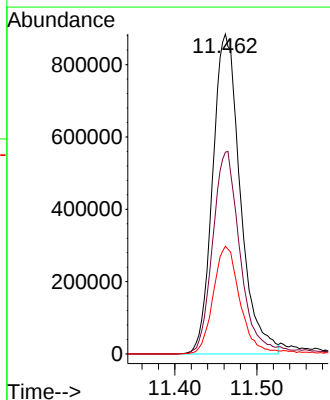
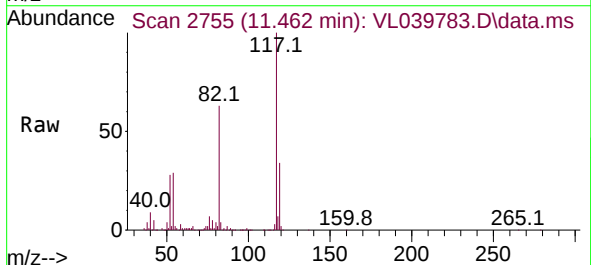
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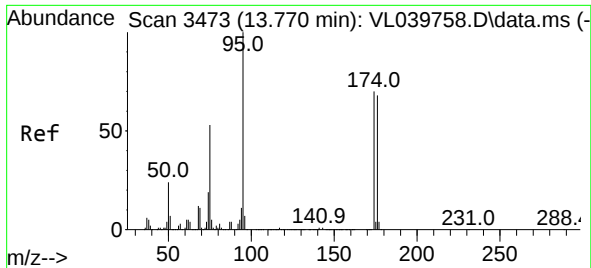
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. -0.000 min
Lab File: VL039783.D
Acq: 25 Oct 2022 8:05

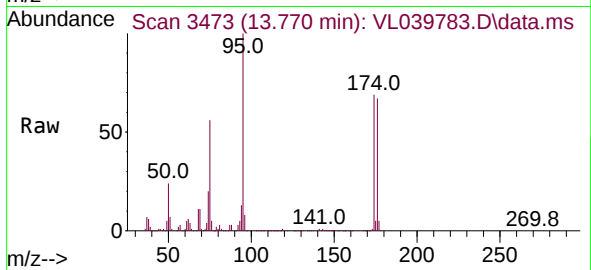
Tgt Ion:117 Resp: 2069214
Ion Ratio Lower Upper
117 100
82 64.6 49.9 74.9
119 33.6 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.876 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL039783.D
 Acq: 25 Oct 2022 8:05

Instrument :
 MSVOA_L
 ClientSampleId :
 GDL



Tgt Ion: 95 Resp: 1453779
 Ion Ratio Lower Upper
 95 100
 174 74.7 57.3 85.9
 175 5.5 4.2 6.2

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