

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039779.D
 Acq On : 25 Oct 2022 5:27
 Operator : SY/AP
 Sample : N5227-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EDL

Quant Time: Oct 25 15:02:50 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	5.201	49	931824	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2437205	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2104094	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1474743	9.853	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.693	51	70542	0.630	ppbv	96
18) 1,1-Dichloroethene	3.896	96	39543	0.850	ppbv	98
32) 1,1,1-Trichloroethane	6.015	97	34285	0.266	ppbv	88
38) Trichloroethene	7.291	130	224837m	2.122	ppbv	

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

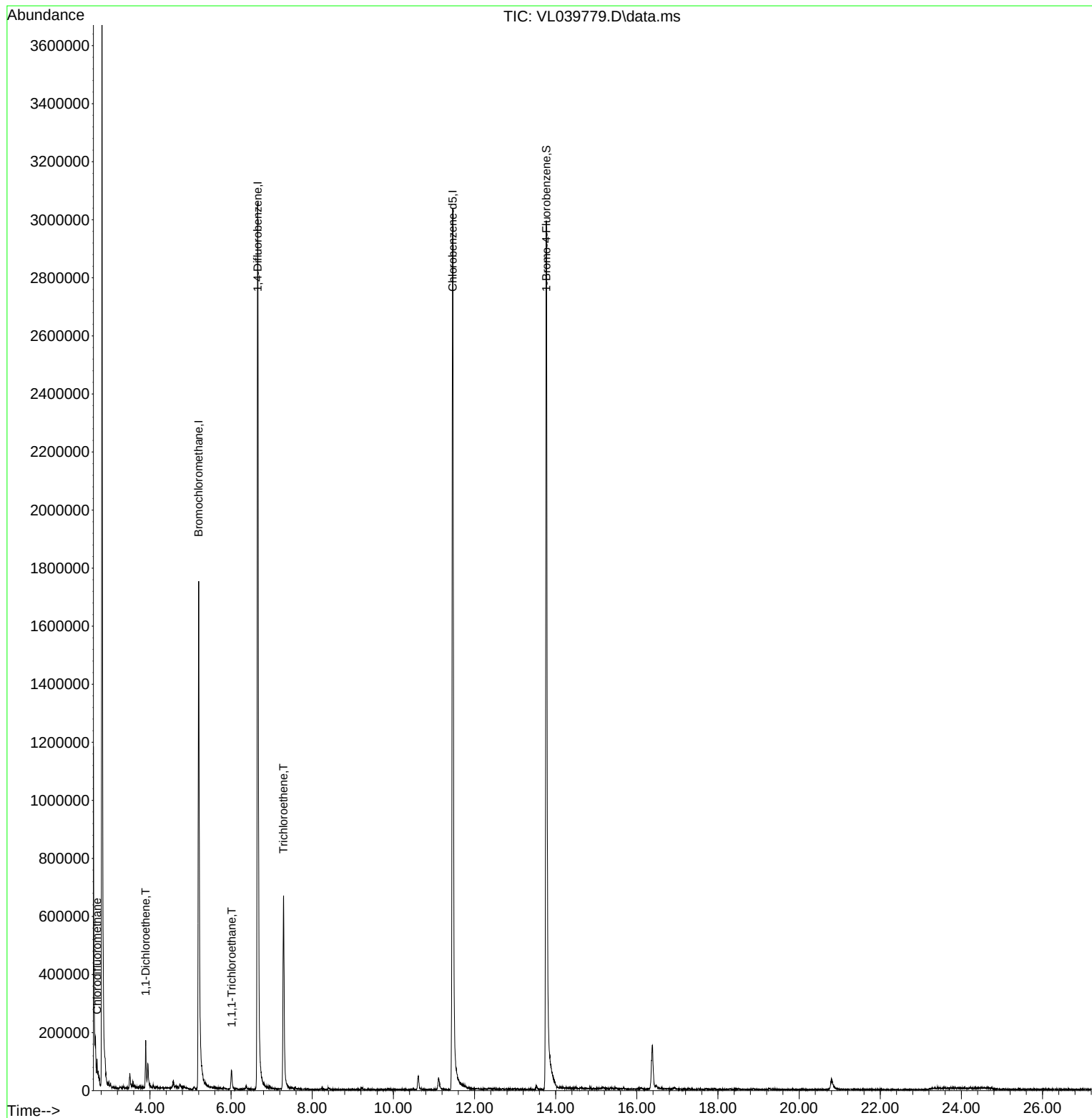
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039779.D
Acq On : 25 Oct 2022 5:27
Operator : SY/AP
Sample : N5227-05DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

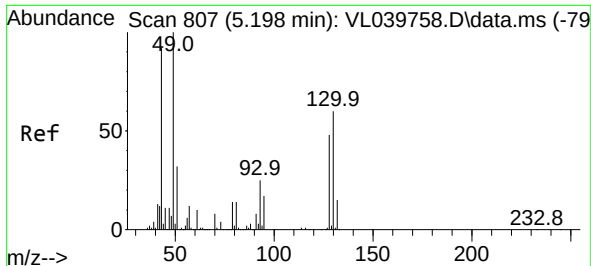
Instrument :
MSVOA_L
ClientSampleId :
EDL

Manual Integrations
APPROVED

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

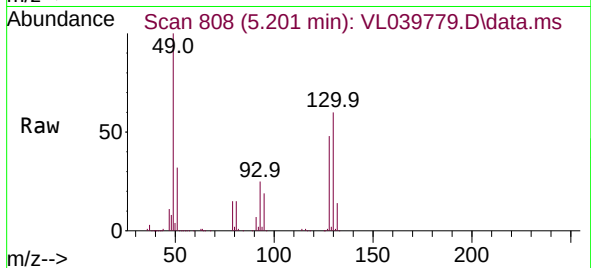
Quant Time: Oct 25 15:02:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Oct 24 20:00:55 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039779.D
Acq: 25 Oct 2022 5:27

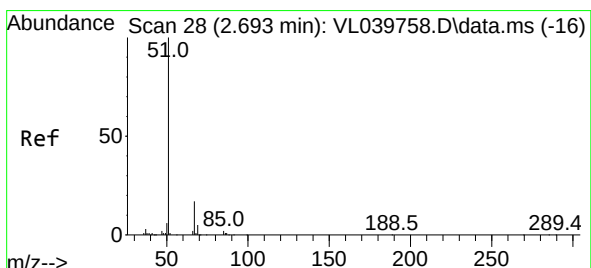
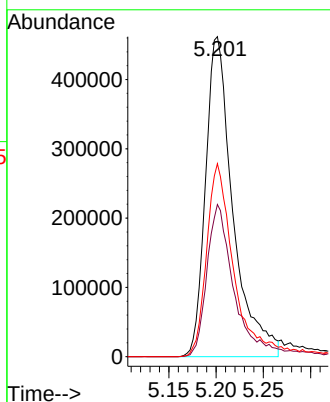
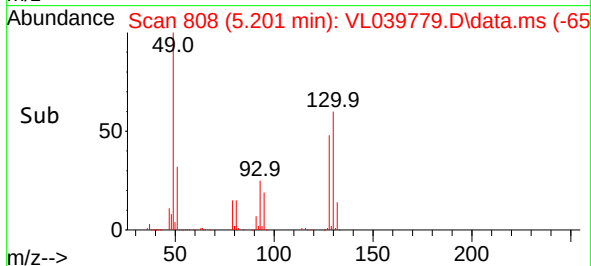
Instrument :
MSVOA_L
ClientSampleId :
EDL



Tgt Ion: 49 Resp: 931824
Ion Ratio Lower Upper
49 100
128 48.5 24.6 74.0
130 62.5 31.8 95.3

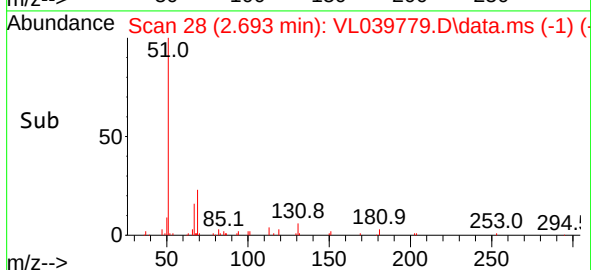
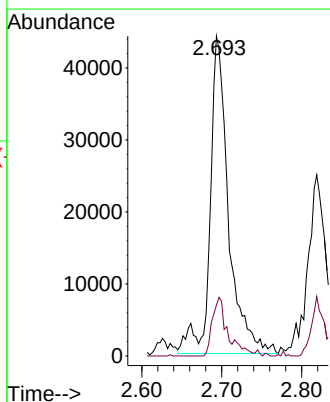
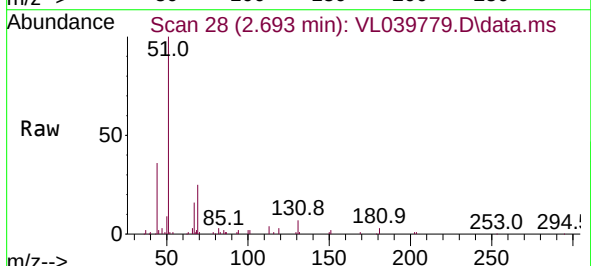
Manual Integrations
APPROVED

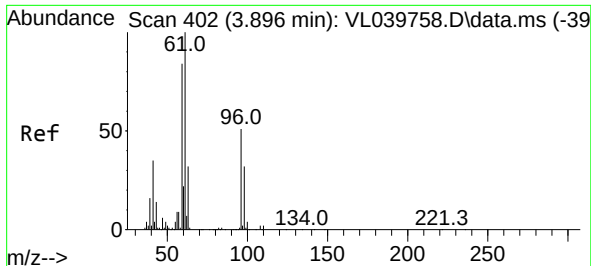
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#3
Chlorodifluoromethane
Concen: 0.630 ppbv
RT: 2.693 min Scan# 28
Delta R.T. -0.000 min
Lab File: VL039779.D
Acq: 25 Oct 2022 5:27

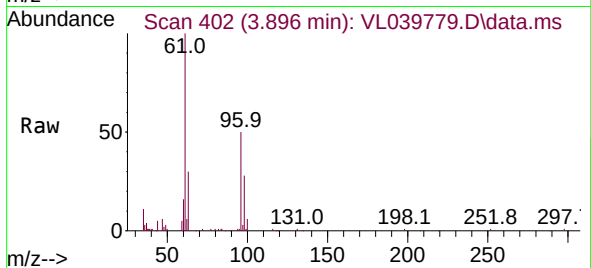
Tgt Ion: 51 Resp: 70542
Ion Ratio Lower Upper
51 100
67 16.0 14.2 21.2





#18
 1,1-Dichloroethene
 Concen: 0.850 ppbv
 RT: 3.896 min Scan# 402
 Delta R.T. -0.000 min
 Lab File: VL039779.D
 Acq: 25 Oct 2022 5:27

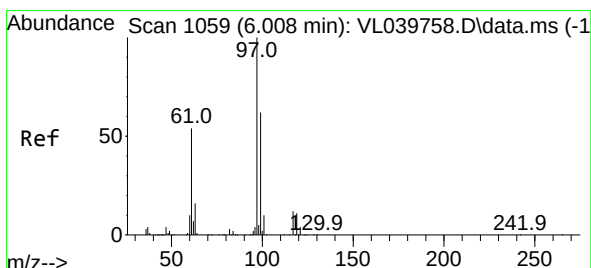
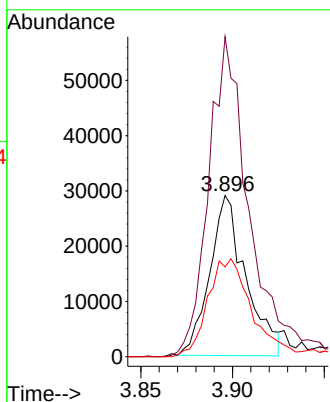
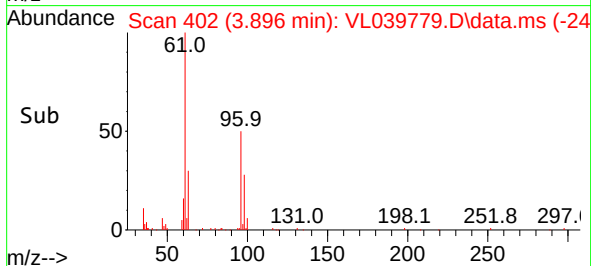
Instrument :
 MSVOA_L
 ClientSampleId :
 EDL



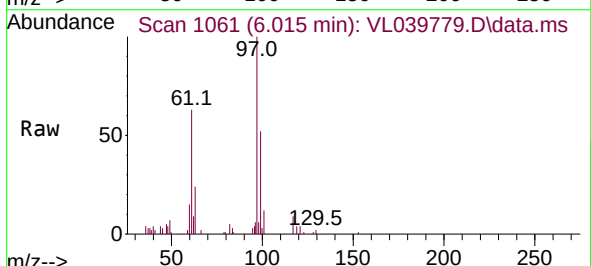
Tgt Ion: 96 Resp: 3954
 Ion Ratio Lower Upper
 96 100
 61 197.4 157.6 236.4
 98 55.0 49.9 74.9

Manual Integrations
 APPROVED

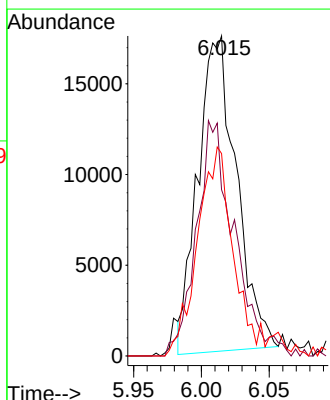
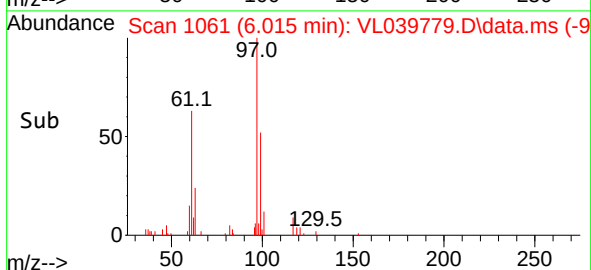
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

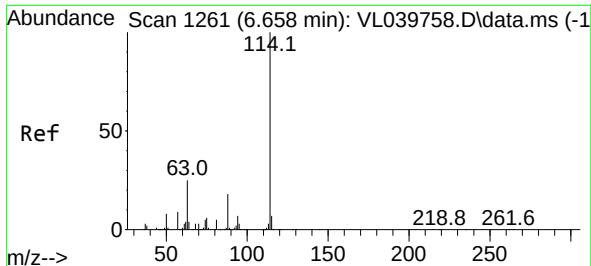


#32
 1,1,1-Trichloroethane
 Concen: 0.266 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.006 min
 Lab File: VL039779.D
 Acq: 25 Oct 2022 5:27



Tgt Ion: 97 Resp: 34285
 Ion Ratio Lower Upper
 97 100
 99 73.5 52.2 78.4
 61 64.7 43.2 64.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL039779.D

Acq: 25 Oct 2022 5:27

Instrument :

MSVOA_L

ClientSampleId :

EDL

Tgt Ion:114 Resp: 243720

Ion Ratio Lower Upper

114 100

63 24.7 20.1 30.1

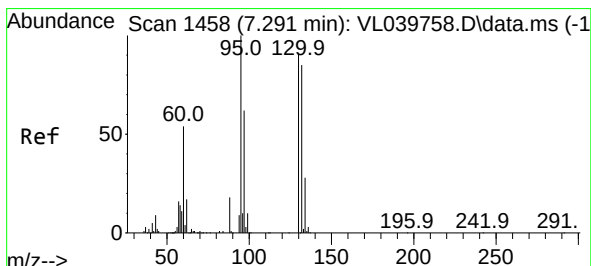
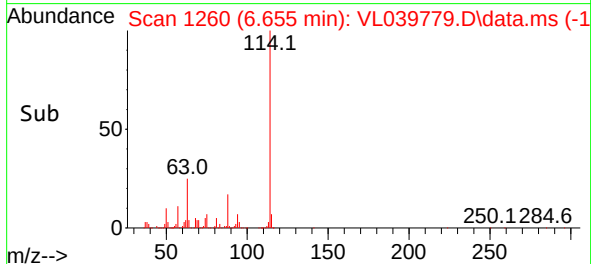
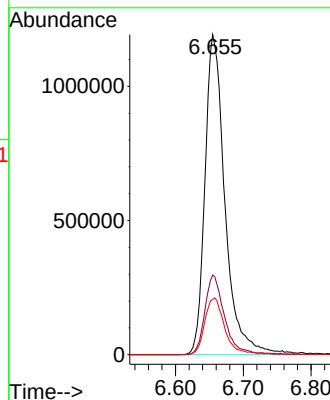
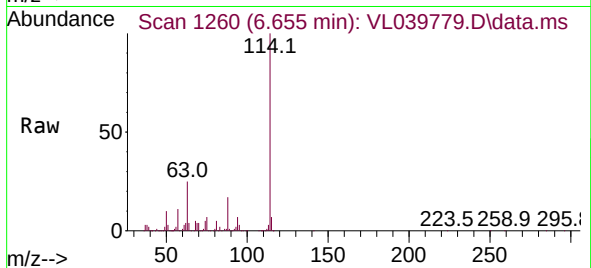
88 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Trichloroethene

Concen: 2.122 ppbv m

RT: 7.291 min Scan# 1458

Delta R.T. -0.000 min

Lab File: VL039779.D

Acq: 25 Oct 2022 5:27

Tgt Ion:130 Resp: 224837

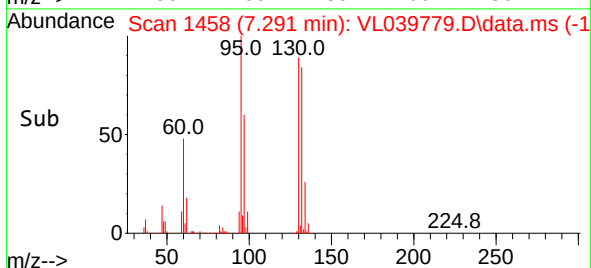
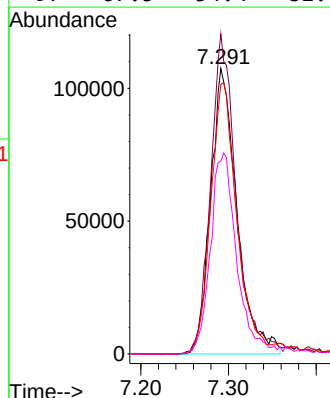
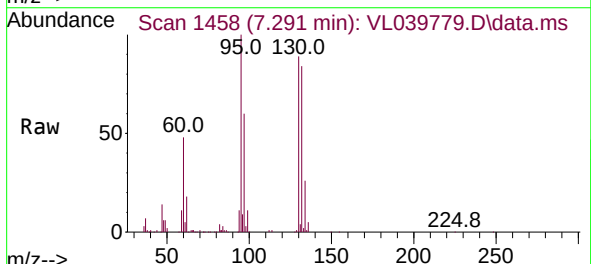
Ion Ratio Lower Upper

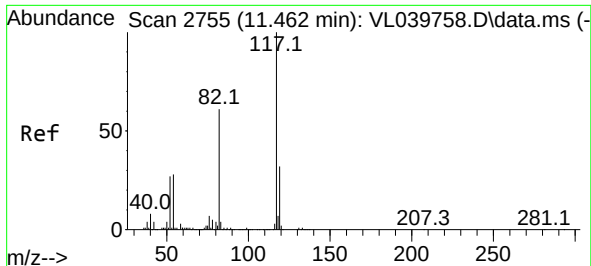
130 100

95 112.1 88.1 132.1

132 94.5 75.2 112.8

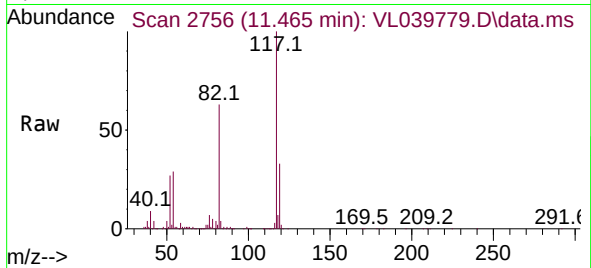
97 67.5 54.4 81.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039779.D
Acq: 25 Oct 2022 5:27

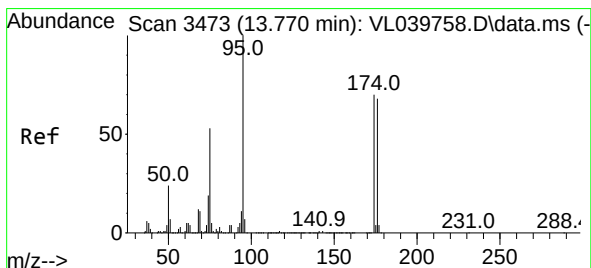
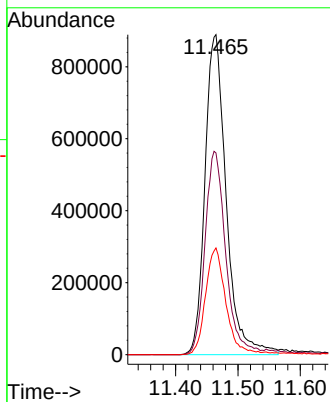
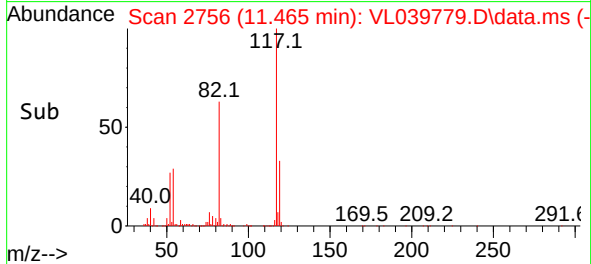
Instrument :
MSVOA_L
ClientSampleId :
EDL



Tgt Ion:117 Resp: 2104094
Ion Ratio Lower Upper
117 100
82 64.7 49.9 74.9
119 32.9 25.2 37.8

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 9.853 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.000 min
Lab File: VL039779.D
Acq: 25 Oct 2022 5:27

Tgt Ion: 95 Resp: 1474743
Ion Ratio Lower Upper
95 100
174 74.1 57.3 85.9
175 5.1 4.2 6.2

