

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039790.D
 Acq On : 25 Oct 2022 16:32
 Operator : SY/AP
 Sample : N5278-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 17:03:12 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	5.205	49	874632	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2309917	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1921979	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1337619	9.783	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.751	85	28744	0.314	ppbv	97
3) Chlorodifluoromethane	2.693	51	32495	0.309	ppbv	99
4) Chloromethane	2.835	50	32357	0.492	ppbv	96
9) Propene	2.726	41	20413m	0.452	ppbv	
11) Trichlorofluoromethane	3.581	101	27256	0.213	ppbv	84
13) Ethanol	3.269	45	16888m	5.209	ppbv	
15) Acetone	3.494	43	310899	2.976	ppbv	91
20) Methylene Chloride	3.951	84	41351	1.040	ppbv	92
26) Hexane	5.227	57	258137	3.040	ppbv #	37
34) 2-Butanone	4.825	43	21584m	0.199	ppbv	
35) Carbon Tetrachloride	6.500	117	8455m	0.064	ppbv	
53) Toluene	9.224	91	30427m	0.163	ppbv	

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

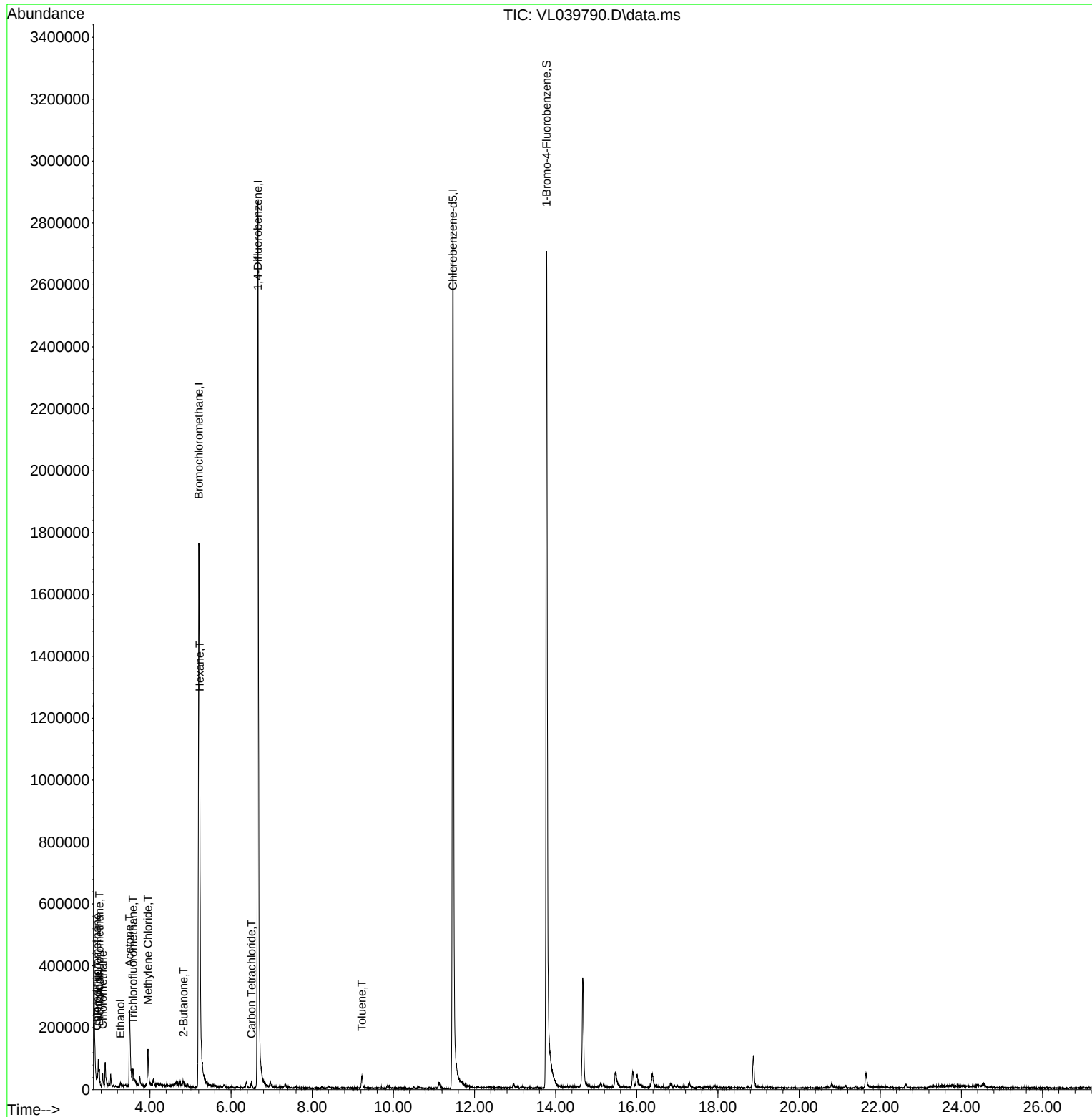
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
Data File : VL039790.D
Acq On : 25 Oct 2022 16:32
Operator : SY/AP
Sample : N5278-01
Misc : 400mL/MSVOA_L
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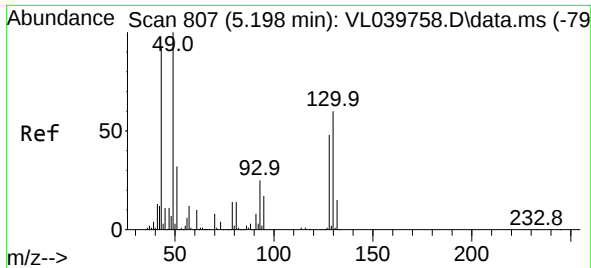
Instrument :
MSVOA_L
ClientSampleId :
AA-1

Quant Time: Oct 25 17:03:12 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

Manual Integrations
APPROVED

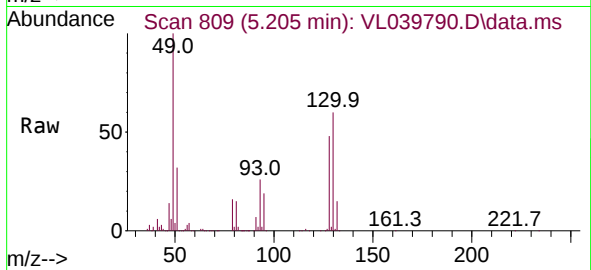
Reviewed By : Semsettin Yesilyurt 10/28/2022
Supervised By : Mahesh Dadoda 10/31/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 807
Delta R.T. 0.007 min
Lab File: VL039790.D
Acq: 25 Oct 2022 16:32

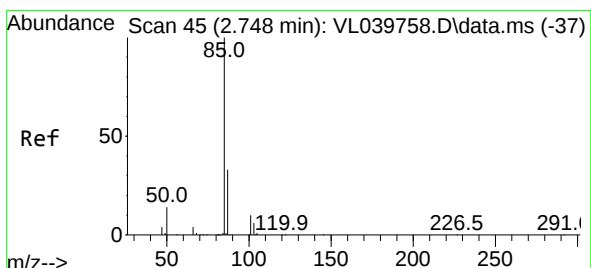
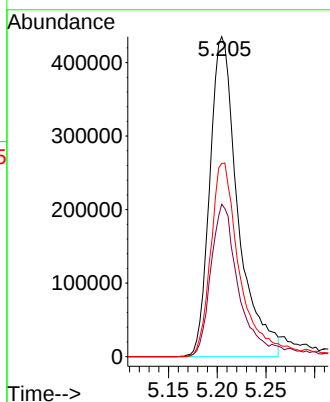
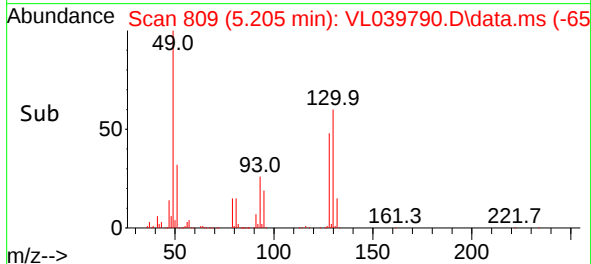
Instrument :
MSVOA_L
ClientSampleId :
AA-1



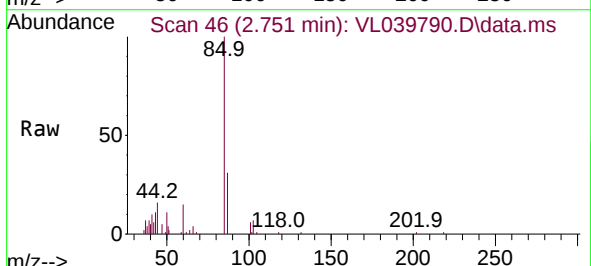
Tgt Ion: 49 Resp: 874632
Ion Ratio Lower Upper
49 100
128 49.4 24.6 74.0
130 66.7 31.8 95.3

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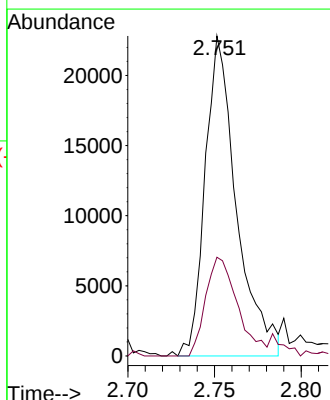
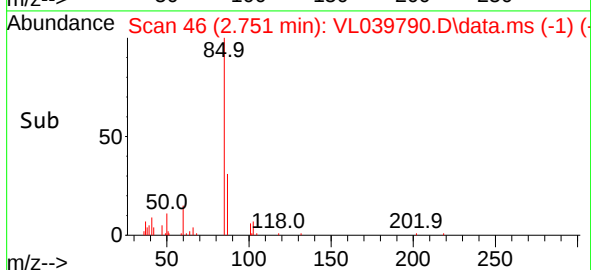
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

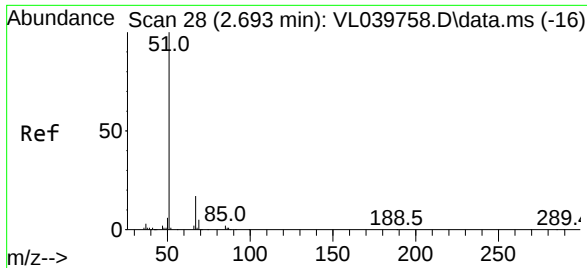


#2
Dichlorodifluoromethane
Concen: 0.314 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.003 min
Lab File: VL039790.D
Acq: 25 Oct 2022 16:32



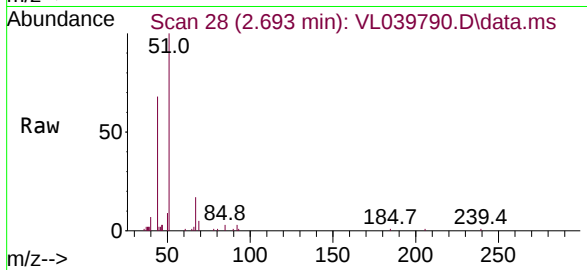
Tgt Ion: 85 Resp: 28744
Ion Ratio Lower Upper
85 100
87 30.9 26.1 39.1





#3
Chlorodifluoromethane
Concen: 0.309 ppbv
RT: 2.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039790.D
Acq: 25 Oct 2022 16:32

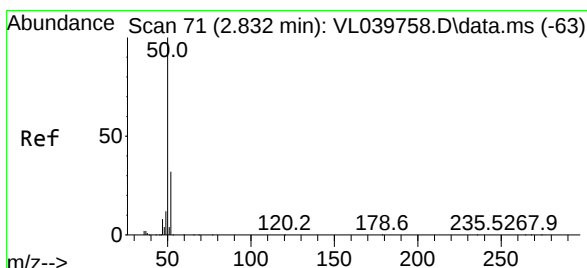
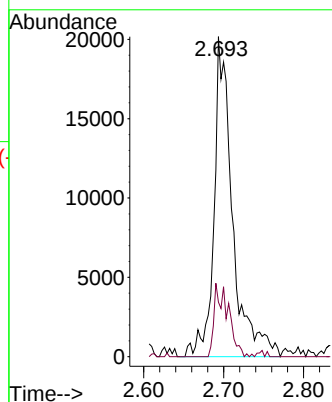
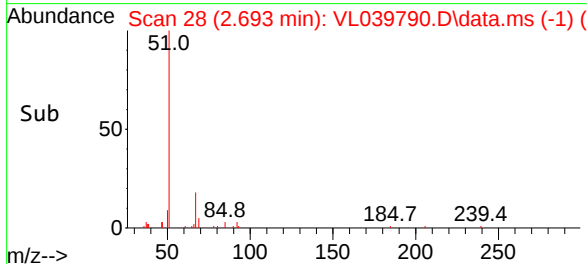
Instrument :
MSVOA_L
ClientSampleId :
AA-1



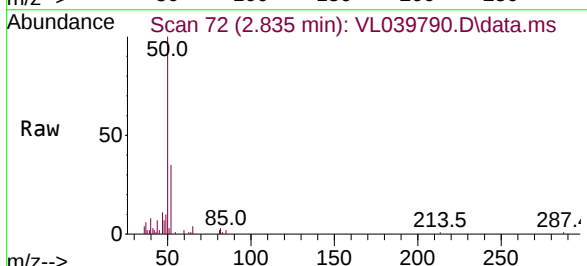
Tgt Ion: 51 Resp: 3249
Ion Ratio Lower Upper
51 100
67 18.1 14.2 21.2

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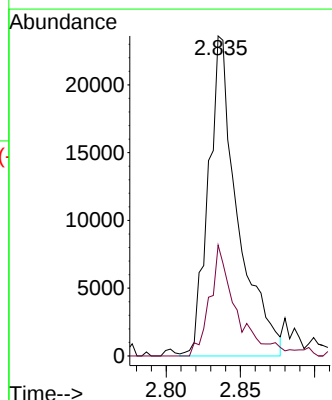
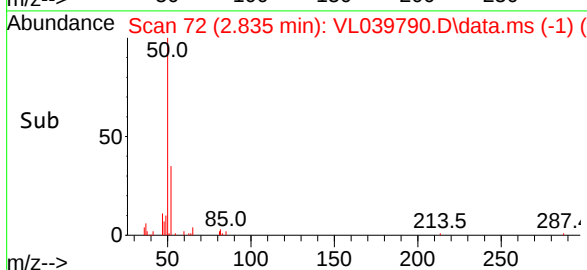
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

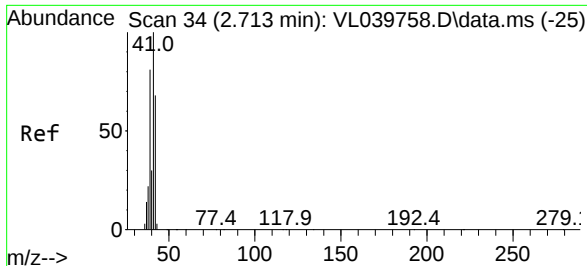


#4
Chloromethane
Concen: 0.492 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.003 min
Lab File: VL039790.D
Acq: 25 Oct 2022 16:32



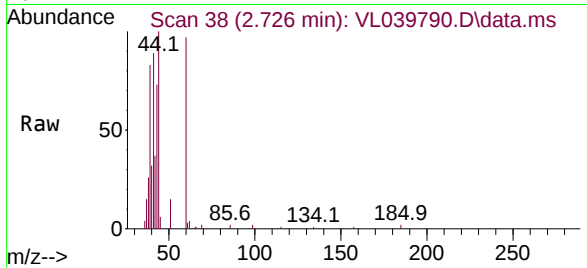
Tgt Ion: 50 Resp: 32357
Ion Ratio Lower Upper
50 100
52 34.9 25.9 38.9





#9
 Propene
 Concen: 0.452 ppbv m
 RT: 2.726 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: VL039790.D
 Acq: 25 Oct 2022 16:32

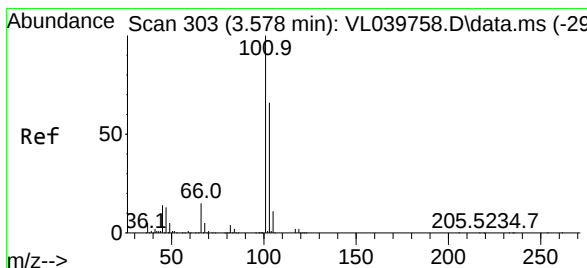
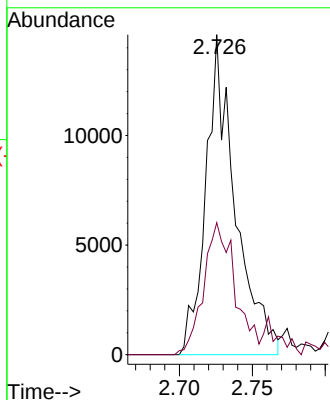
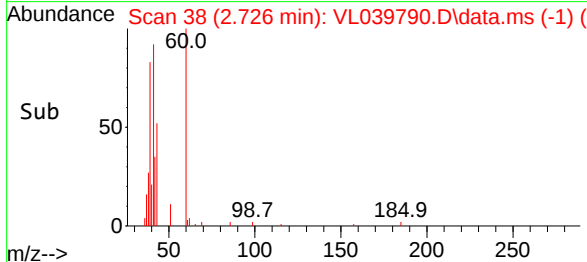
Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1



Tgt Ion: 41 Resp: 2041
 Ion Ratio Lower Upper
 41 100
 42 29.3 58.0 87.0

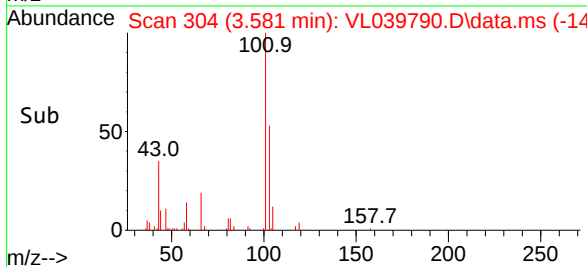
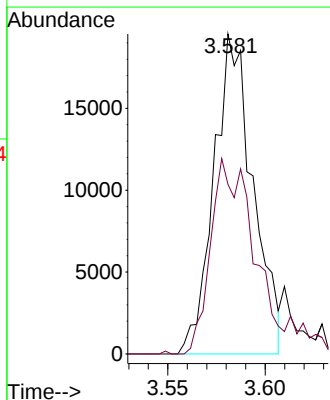
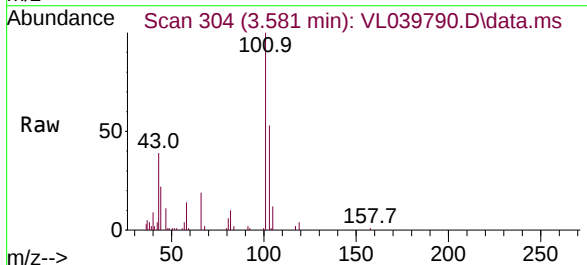
Manual Integrations
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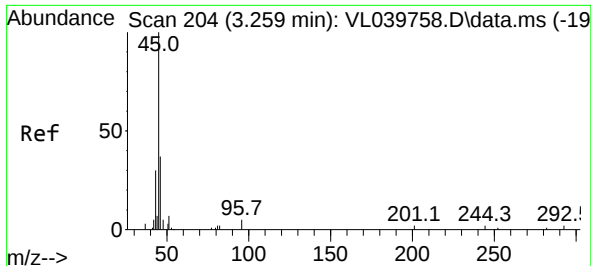
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#11
 Trichlorofluoromethane
 Concen: 0.213 ppbv
 RT: 3.581 min Scan# 304
 Delta R.T. 0.003 min
 Lab File: VL039790.D
 Acq: 25 Oct 2022 16:32

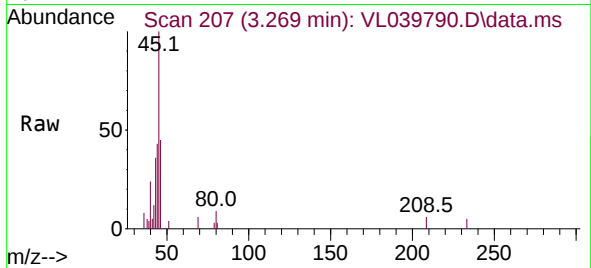
Tgt Ion:101 Resp: 27256
 Ion Ratio Lower Upper
 101 100
 103 53.0 52.7 79.1





#13
 Ethanol
 Concen: 5.209 ppbv m
 RT: 3.269 min Scan# 204
 Delta R.T. 0.010 min
 Lab File: VL039790.D
 Acq: 25 Oct 2022 16:32

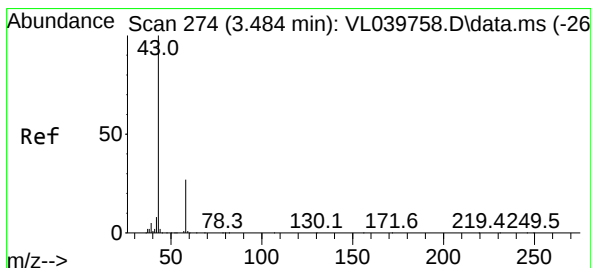
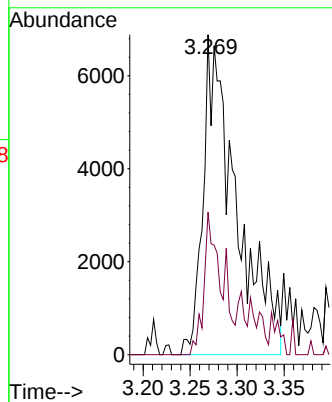
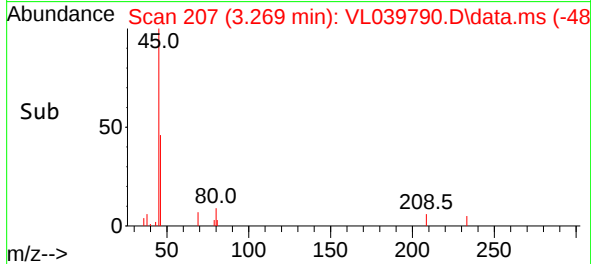
Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1



Tgt Ion: 45 Resp: 1688
 Ion Ratio Lower Upper
 45 100
 46 23.1 15.3 61.3

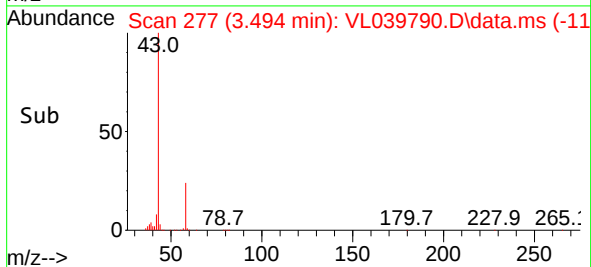
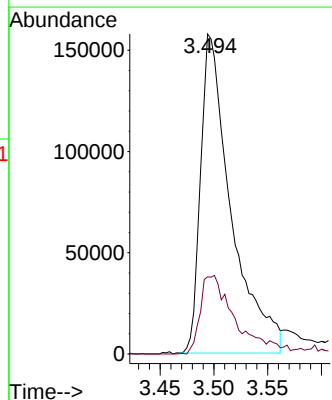
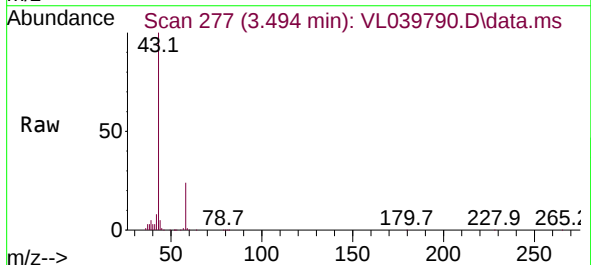
Manual Integrations
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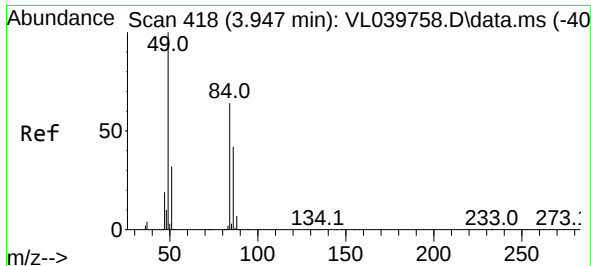
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#15
 Acetone
 Concen: 2.976 ppbv
 RT: 3.494 min Scan# 277
 Delta R.T. 0.010 min
 Lab File: VL039790.D
 Acq: 25 Oct 2022 16:32

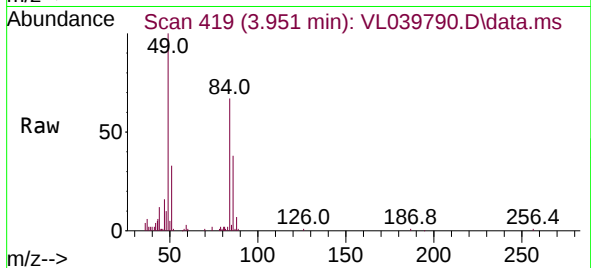
Tgt Ion: 43 Resp: 310899
 Ion Ratio Lower Upper
 43 100
 58 30.3 20.7 31.1





#20
Methylene Chloride
Concen: 1.040 ppbv
RT: 3.951 min Scan# 418
Delta R.T. 0.003 min
Lab File: VL039790.D
Acq: 25 Oct 2022 16:32

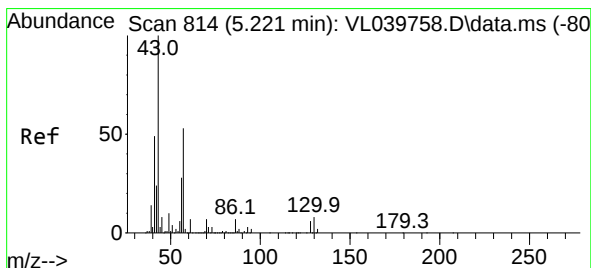
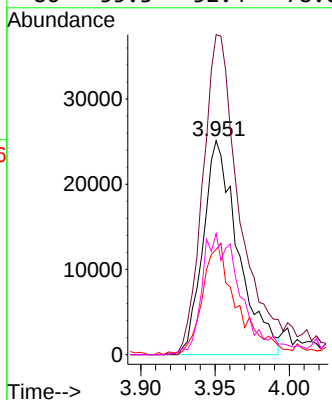
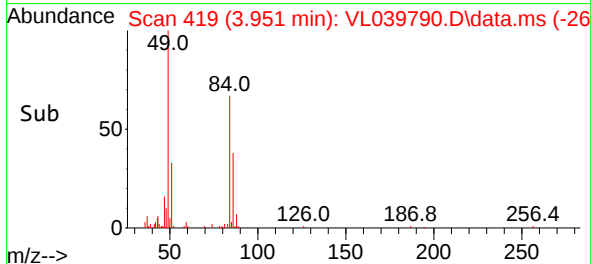
Instrument :
MSVOA_L
ClientSampleId :
AA-1



Tgt Ion: 84 Resp: 4135
Ion Ratio Lower Upper
84 100
49 148.5 126.0 189.0
51 49.2 40.9 61.3
86 55.3 52.4 78.6

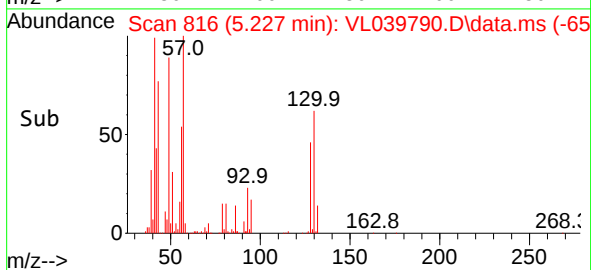
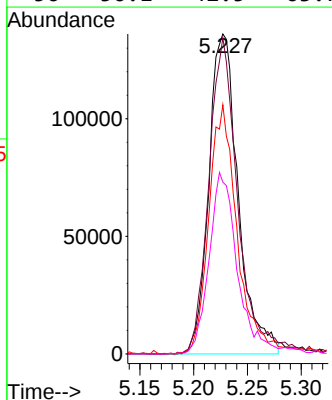
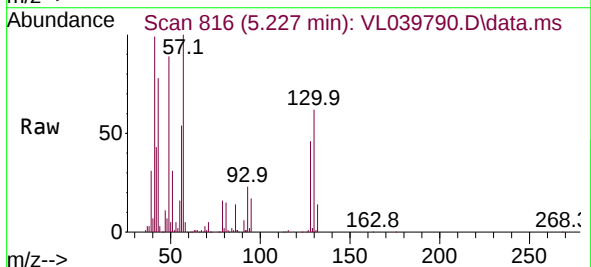
Manual Integrations
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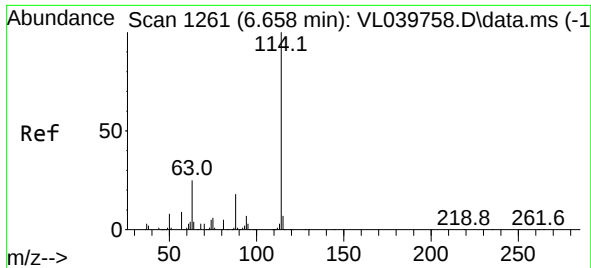
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#26
Hexane
Concen: 3.040 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.006 min
Lab File: VL039790.D
Acq: 25 Oct 2022 16:32

Tgt Ion: 57 Resp: 258137
Ion Ratio Lower Upper
57 100
41 99.2 76.1 114.1
43 77.5 197.1 295.7#
56 56.1 42.5 63.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039790.D

Acq: 25 Oct 2022 16:32

Instrument :

MSVOA_L

ClientSampleId :

AA-1

Tgt Ion:114 Resp: 230991

Ion Ratio Lower Upper

114 100

63 24.9 20.1 30.1

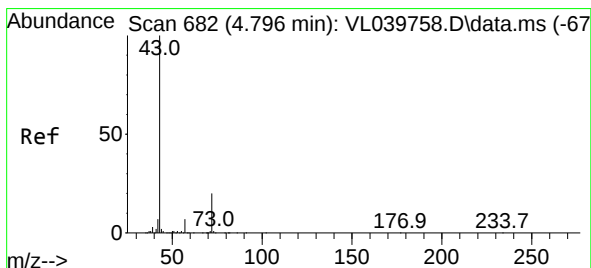
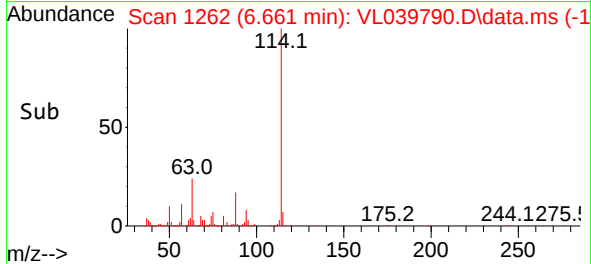
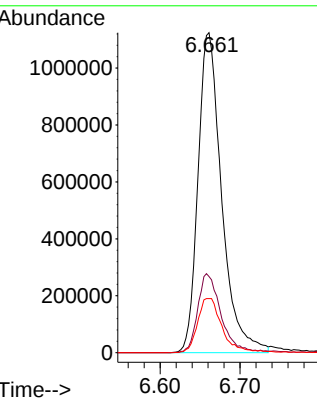
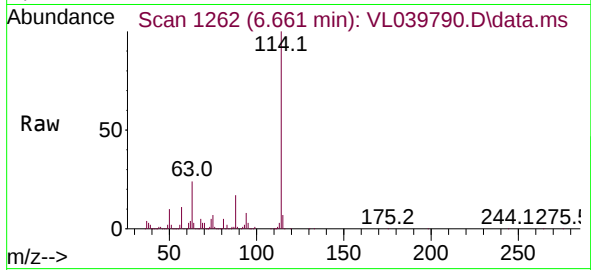
88 17.8 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

2-Butanone

Concen: 0.199 ppbv m

RT: 4.825 min Scan# 691

Delta R.T. 0.029 min

Lab File: VL039790.D

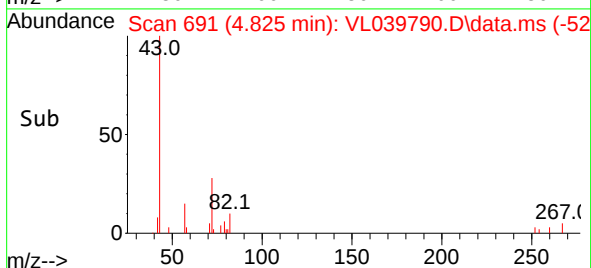
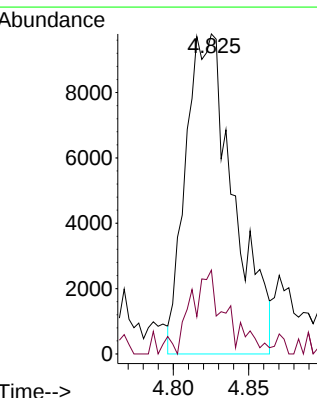
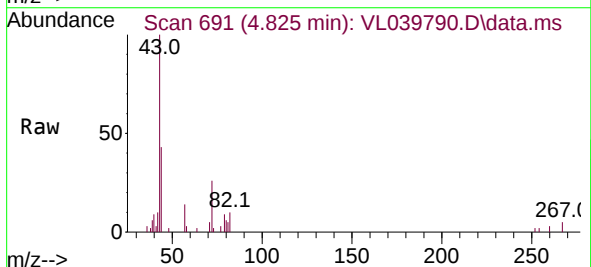
Acq: 25 Oct 2022 16:32

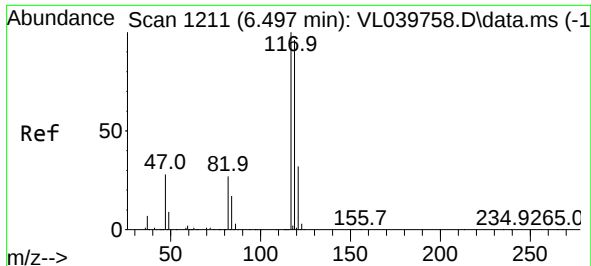
Tgt Ion: 43 Resp: 21584

Ion Ratio Lower Upper

43 100

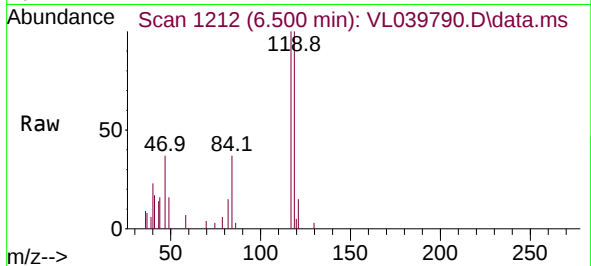
72 12.0 16.5 24.7#





#35
Carbon Tetrachloride
Concen: 0.064 ppbv m
RT: 6.500 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039790.D
Acq: 25 Oct 2022 16:32

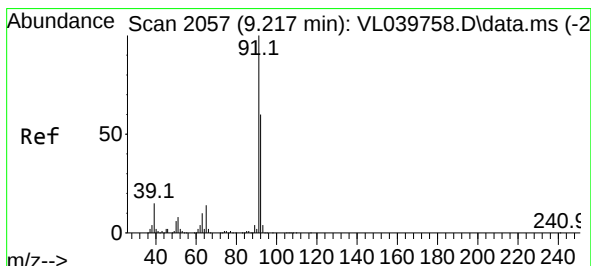
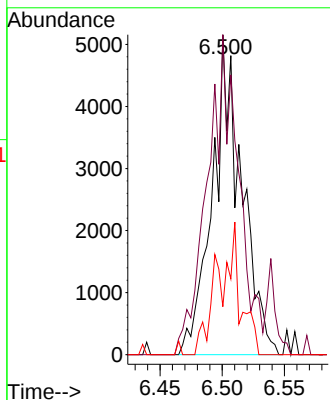
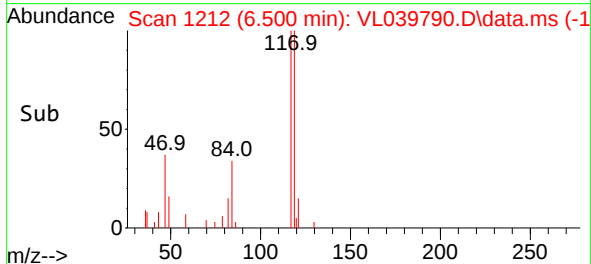
Instrument :
MSVOA_L
ClientSampleId :
AA-1



Tgt Ion: 117 Resp: 845
Ion Ratio Lower Upper
117 100
119 100.1 76.6 115.0
121 15.0 25.3 37.9

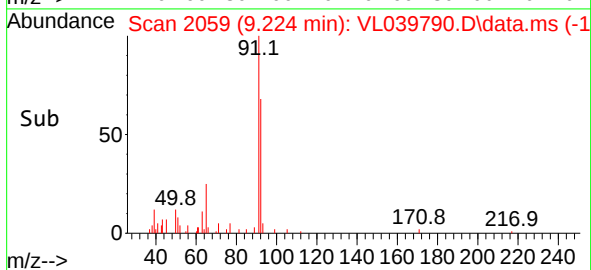
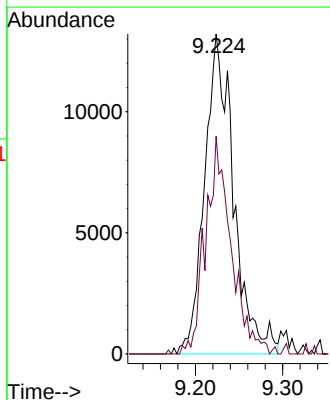
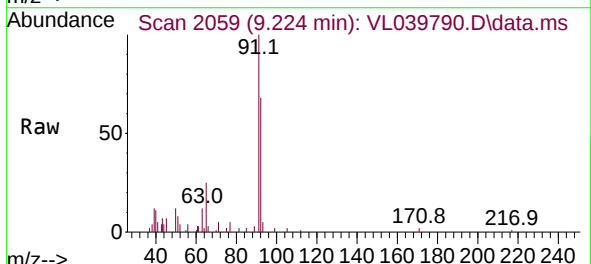
Manual Integrations
APPROVED

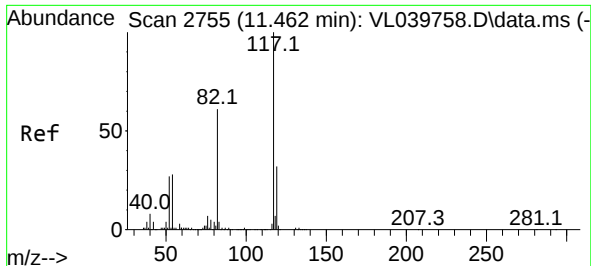
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#53
Toluene
Concen: 0.163 ppbv m
RT: 9.224 min Scan# 2059
Delta R.T. 0.007 min
Lab File: VL039790.D
Acq: 25 Oct 2022 16:32

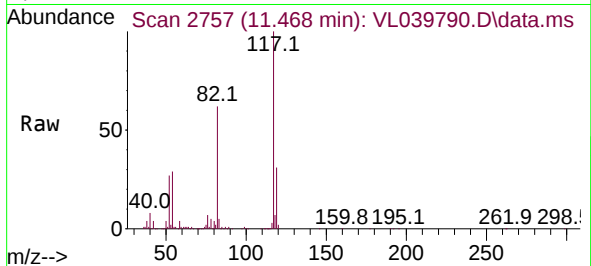
Tgt Ion: 91 Resp: 30427
Ion Ratio Lower Upper
91 100
92 60.5 48.0 72.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039790.D
Acq: 25 Oct 2022 16:32

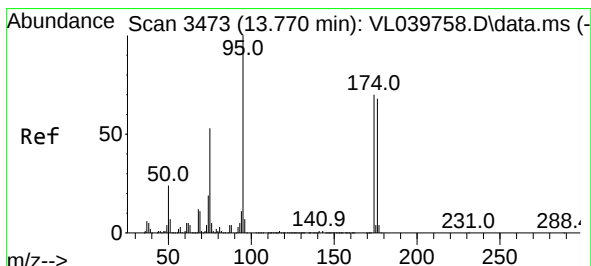
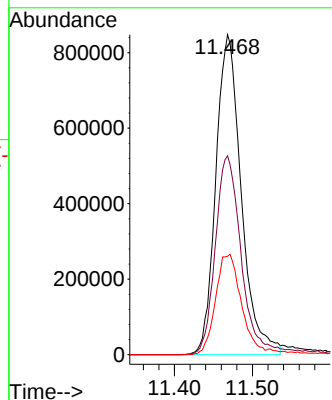
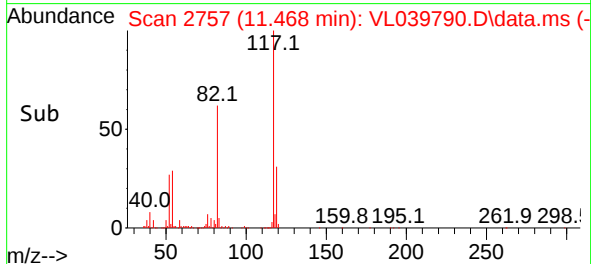
Instrument :
MSVOA_L
ClientSampleId :
AA-1



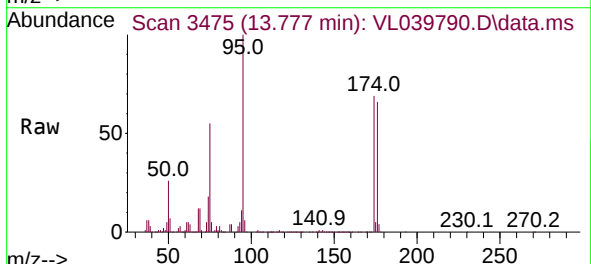
Tgt Ion: 117 Resp: 1921979
Ion Ratio Lower Upper
117 100
82 65.1 49.9 74.9
119 33.1 25.2 37.8

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 9.783 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.006 min
Lab File: VL039790.D
Acq: 25 Oct 2022 16:32



Tgt Ion: 95 Resp: 1337619
Ion Ratio Lower Upper
95 100
174 76.3 57.3 85.9
175 5.8 4.2 6.2

