

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
 Data File : VL040150.D
 Acq On : 6 Feb 2023 17:44
 Operator : SY/MD
 Sample : 01438-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023

Quant Time: Feb 07 05:57:31 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jan 31 05:24:57 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	900343	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2416292	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2012833	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1449720	8.666	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	86.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	59234	0.375	ppbv	90
3) Chlorodifluoromethane	2.658	51	45969m	0.426	ppbv	
4) Chloromethane	2.796	50	35809	0.537	ppbv	91
9) Propene	2.677	41	621660	13.855	ppbv	94
11) Trichlorofluoromethane	3.549	101	87895	0.558	ppbv	91
13) Ethanol	3.227	45	2819608	682.768	ppbv	99
15) Acetone	3.452	43	723977	6.705	ppbv	96
19) Isopropyl Alcohol	3.568	45	6633795	125.565	ppbv #	93
20) Methylene Chloride	3.918	84	1187249	24.922	ppbv	96
26) Hexane	5.198	57	106359	1.278	ppbv #	38
30) Cyclohexane	6.594	84	13372m	0.202	ppbv	
34) 2-Butanone	4.780	43	16820m	0.147	ppbv	
36) Benzene	6.356	78	30957m	0.173	ppbv	

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

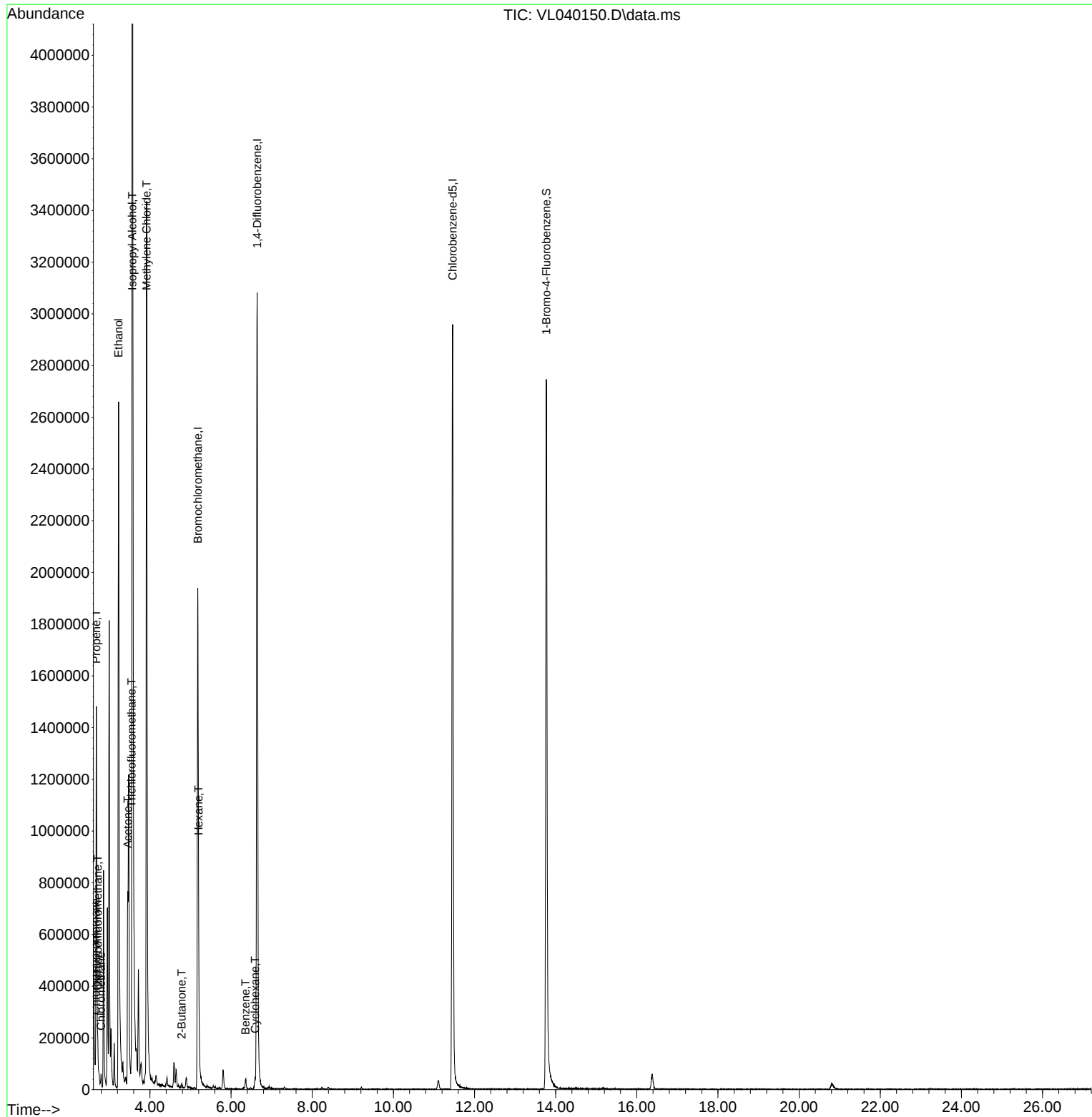
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
Data File : VL040150.D
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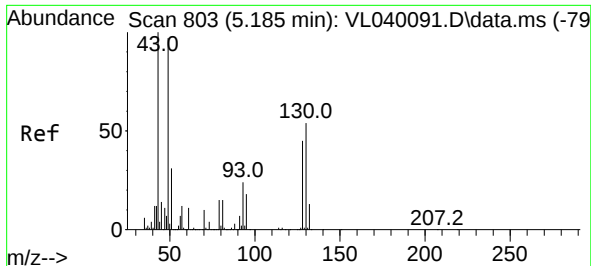
Instrument :
MSVOA_L
ClientSampleId :
IA2

Quant Time: Feb 07 05:57:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jan 31 05:24:57 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

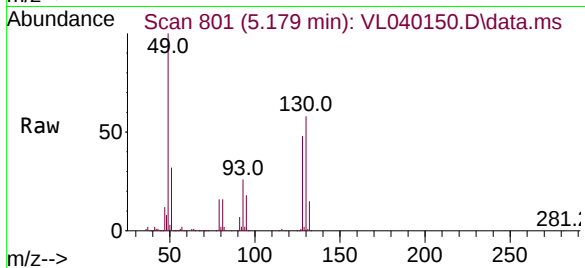
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 803
Delta R.T. -0.000 min
Lab File: VL040150.D
Acq: 6 Feb 2023 17:44

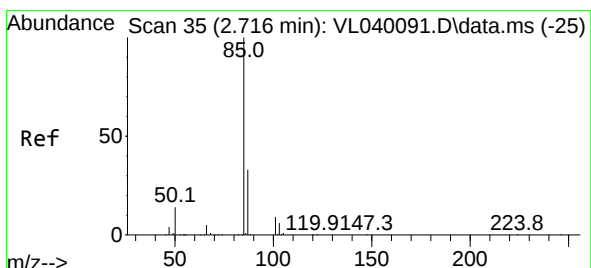
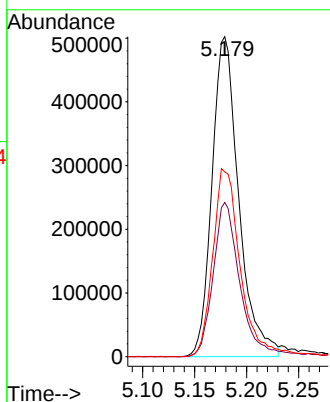
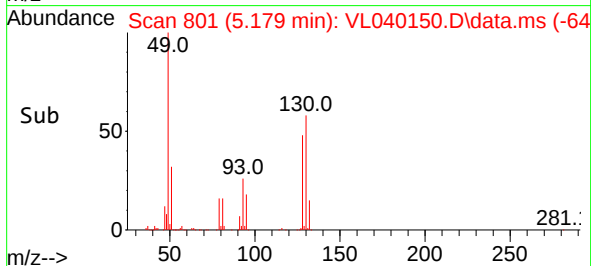
Instrument :
MSVOA_L
ClientSampleId :
IA2



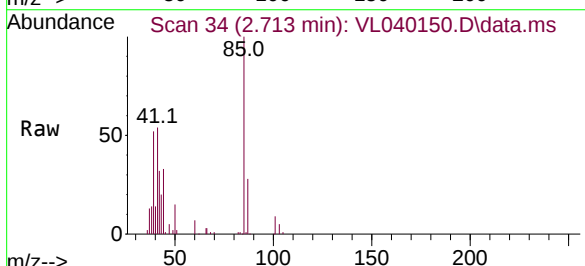
Tgt Ion: 49 Resp: 90034
Ion Ratio Lower Upper
49 100
128 49.3 23.6 71.0
130 62.0 29.8 89.3

Manual Integrations
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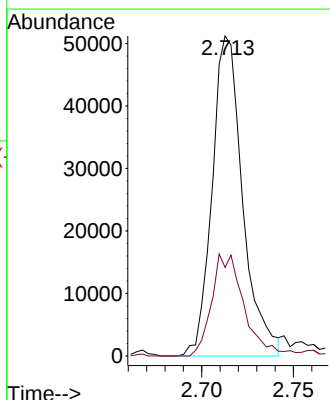
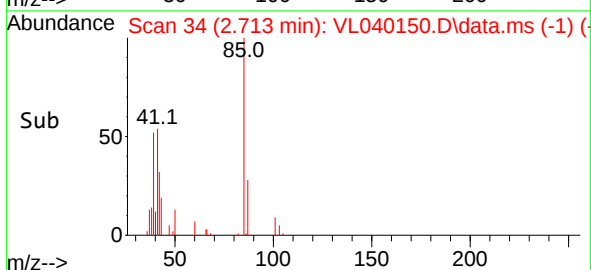
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

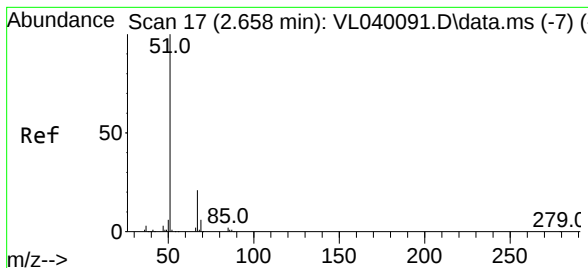


#2
Dichlorodifluoromethane
Concen: 0.375 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.000 min
Lab File: VL040150.D
Acq: 6 Feb 2023 17:44



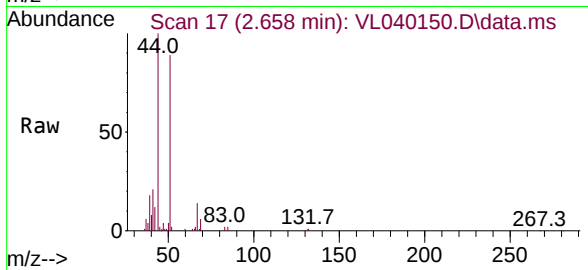
Tgt Ion: 85 Resp: 59234
Ion Ratio Lower Upper
85 100
87 27.7 26.5 39.7





#3
Chlorodifluoromethane
Concen: 0.426 ppbv m
RT: 2.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040150.D
Acq: 6 Feb 2023 17:44

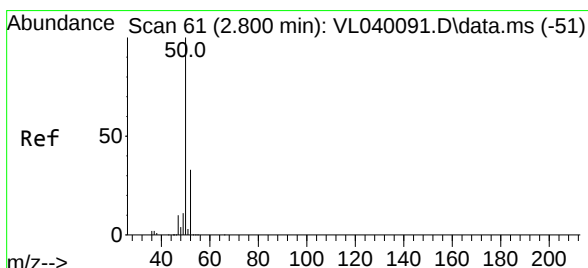
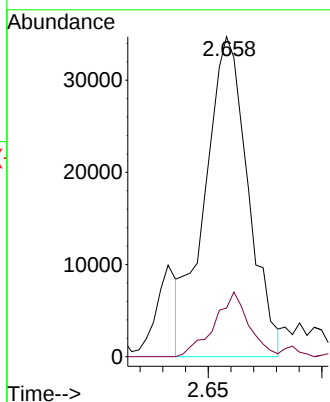
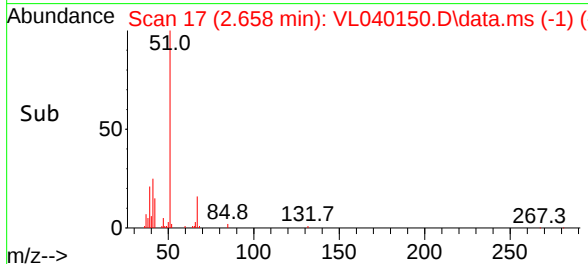
Instrument :
MSVOA_L
ClientSampleId :
IA2



Tgt Ion: 51 Resp: 45969
Ion Ratio Lower Upper
51 100
67 17.8 16.4 24.6

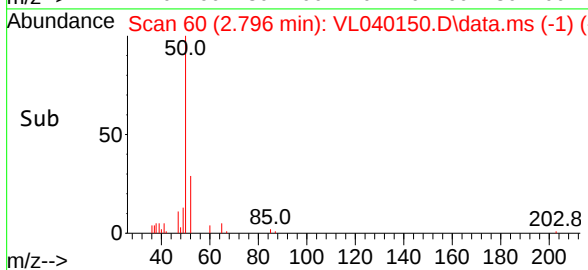
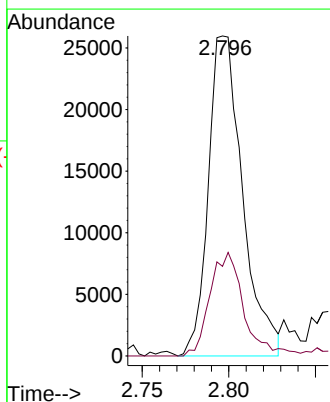
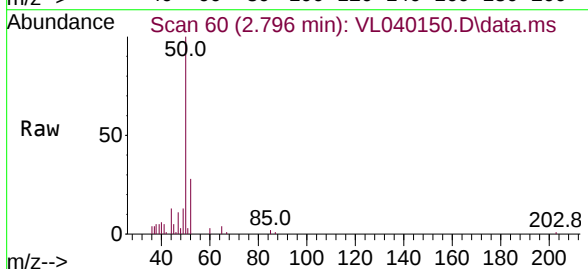
Manual Integrations
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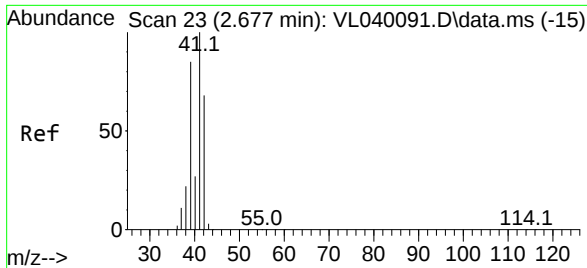
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#4
Chloromethane
Concen: 0.537 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL040150.D
Acq: 6 Feb 2023 17:44

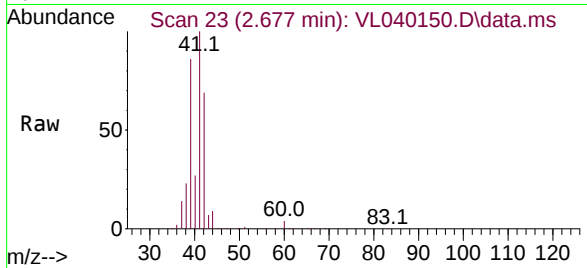
Tgt Ion: 50 Resp: 35809
Ion Ratio Lower Upper
50 100
52 28.0 26.5 39.7





#9
 Propene
 Concen: 13.855 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040150.D
 Acq: 6 Feb 2023 17:44

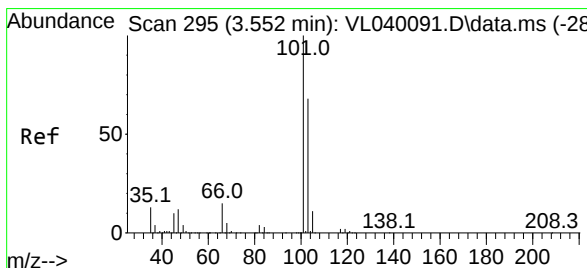
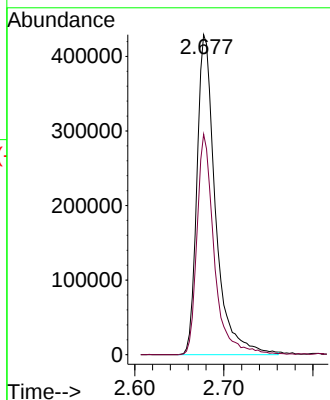
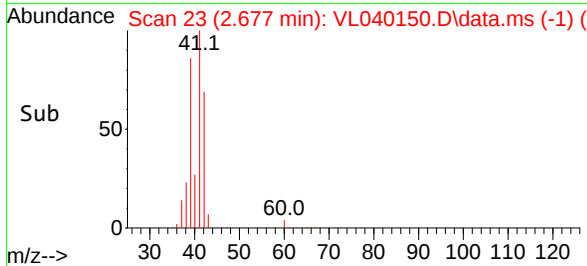
Instrument :
 MSVOA_L
 ClientSampleId :
 IA2



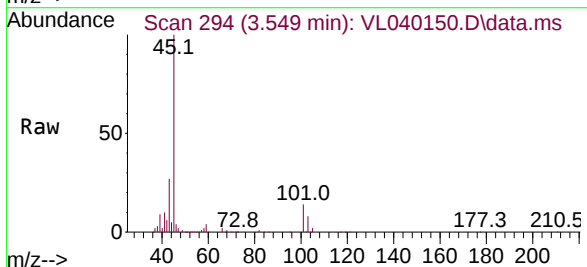
Tgt Ion: 41 Resp: 621660
 Ion Ratio Lower Upper
 41 100
 42 64.3 55.6 83.4

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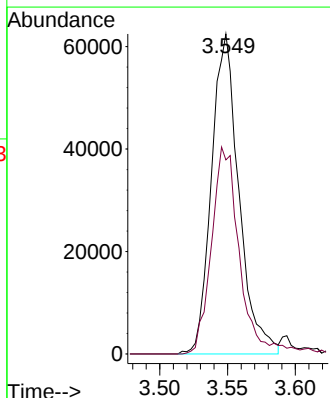
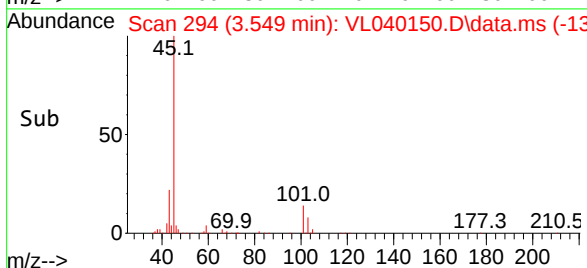
Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023

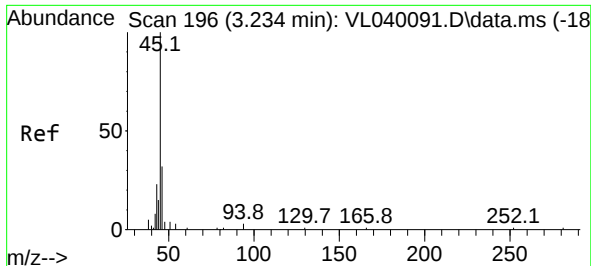


#11
 Trichlorofluoromethane
 Concen: 0.558 ppbv
 RT: 3.549 min Scan# 294
 Delta R.T. 0.003 min
 Lab File: VL040150.D
 Acq: 6 Feb 2023 17:44



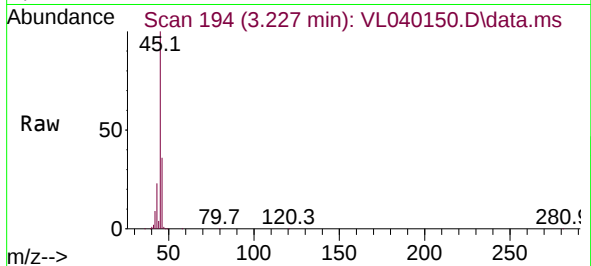
Tgt Ion:101 Resp: 87895
 Ion Ratio Lower Upper
 101 100
 103 60.6 54.0 81.0





#13
Ethanol
Concen: 682.768 ppbv
RT: 3.227 min Scan# 194
Delta R.T. 0.000 min
Lab File: VL040150.D
Acq: 6 Feb 2023 17:44

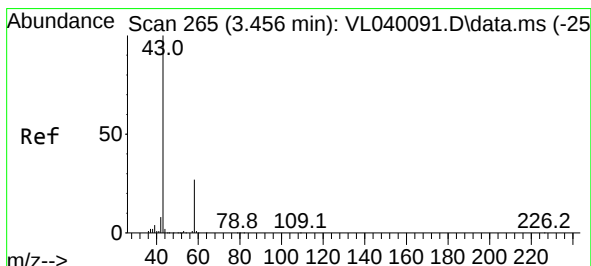
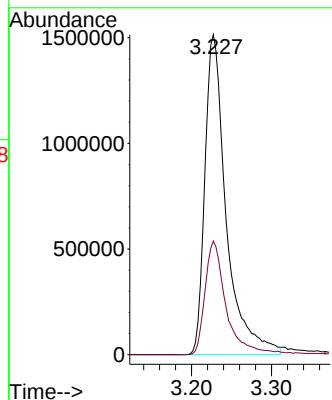
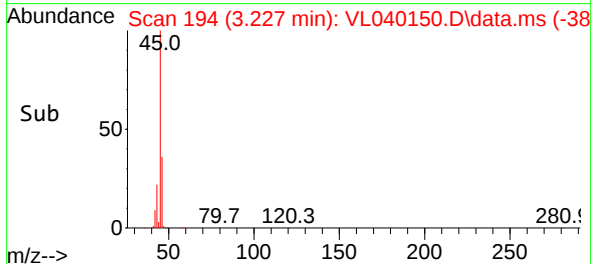
Instrument :
MSVOA_L
ClientSampleId :
IA2



Tgt Ion: 45 Resp: 2819608
Ion Ratio Lower Upper
45 100
46 36.4 14.8 59.2

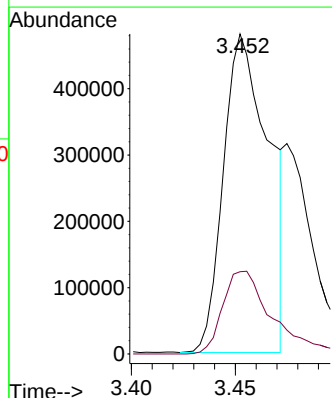
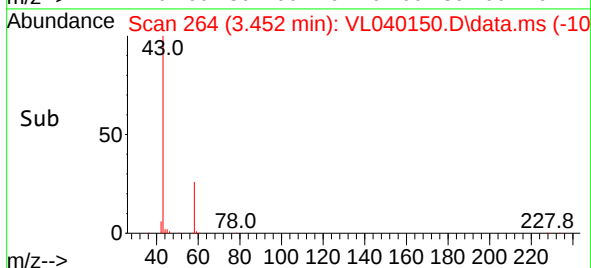
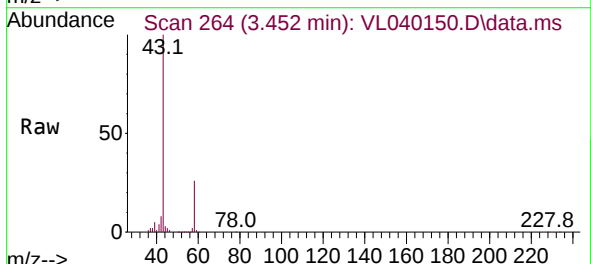
Manual Integrations
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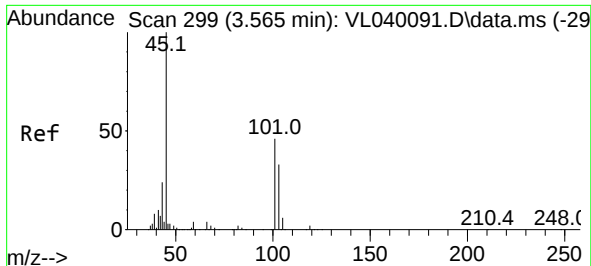
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#15
Acetone
Concen: 6.705 ppbv
RT: 3.452 min Scan# 264
Delta R.T. 0.003 min
Lab File: VL040150.D
Acq: 6 Feb 2023 17:44

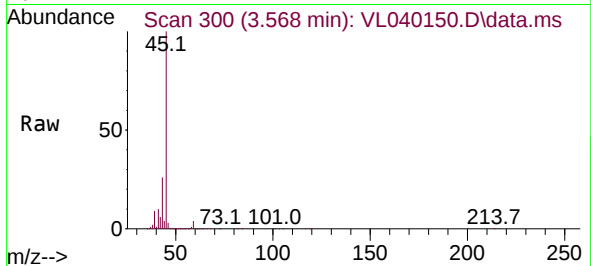
Tgt Ion: 43 Resp: 723977
Ion Ratio Lower Upper
43 100
58 29.5 21.8 32.8





#19
Isopropyl Alcohol
Concen: 125.565 ppbv
RT: 3.568 min Scan# 300
Delta R.T. 0.010 min
Lab File: VL040150.D
Acq: 6 Feb 2023 17:44

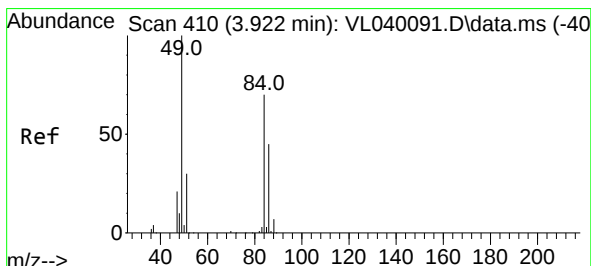
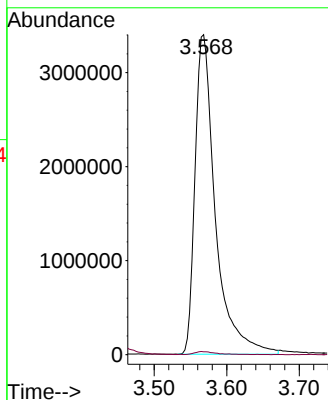
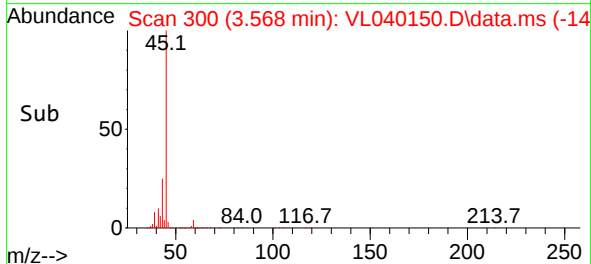
Instrument :
MSVOA_L
ClientSampleId :
IA2



Tgt Ion: 45 Resp: 663379
Ion Ratio Lower Upper
45 100
58 1.0 2.6 4.0

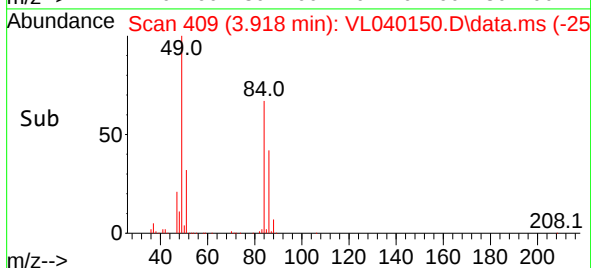
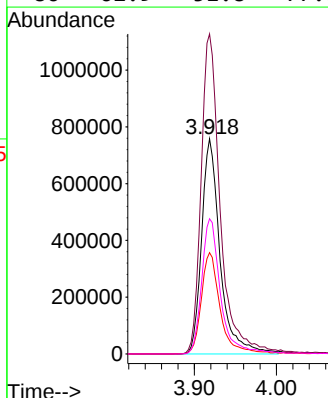
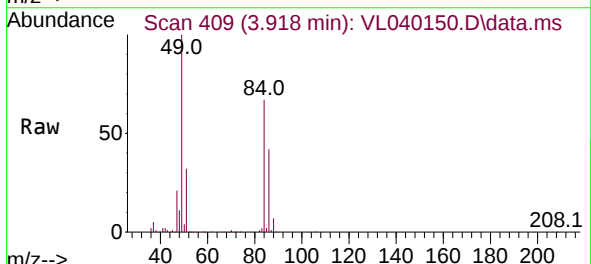
Manual Integrations
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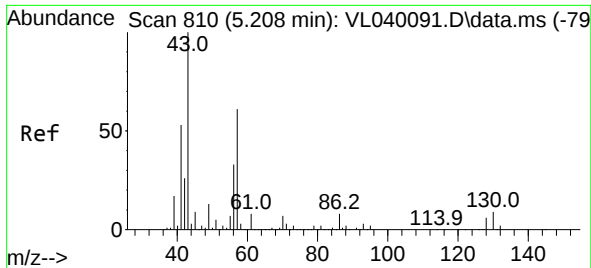
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#20
Methylene Chloride
Concen: 24.922 ppbv
RT: 3.918 min Scan# 409
Delta R.T. 0.003 min
Lab File: VL040150.D
Acq: 6 Feb 2023 17:44

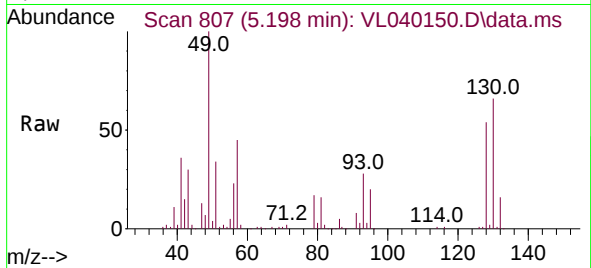
Tgt Ion: 84 Resp: 1187249
Ion Ratio Lower Upper
84 100
49 148.7 114.6 171.8
51 47.0 34.3 51.5
86 62.9 51.8 77.8





#26
Hexane
Concen: 1.278 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL040150.D
Acq: 6 Feb 2023 17:44

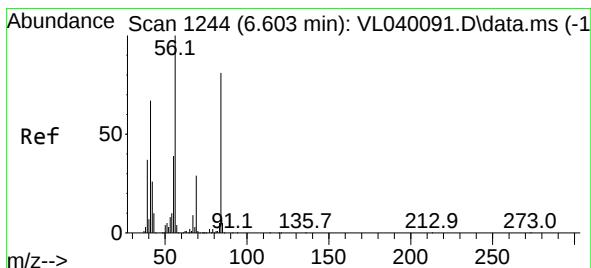
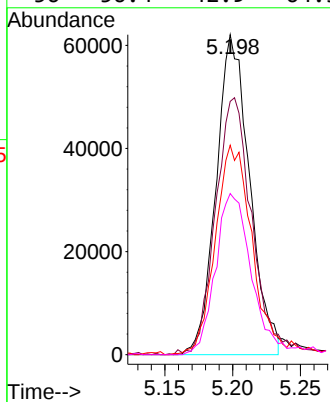
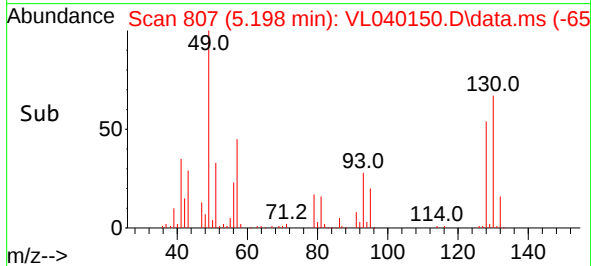
Instrument :
MSVOA_L
ClientSampleId :
IA2



Tgt Ion: 57 Resp: 10635
Ion Ratio Lower Upper
57 100
41 89.0 72.2 108.4
43 75.2 192.1 288.1
56 56.4 42.9 64.3

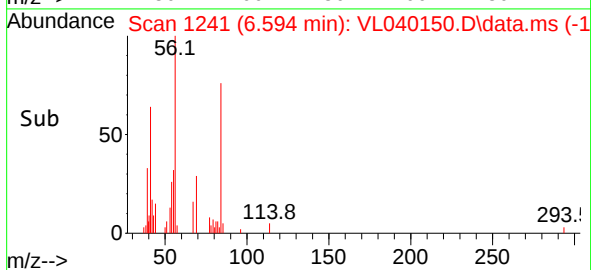
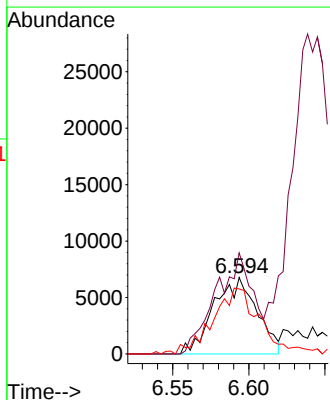
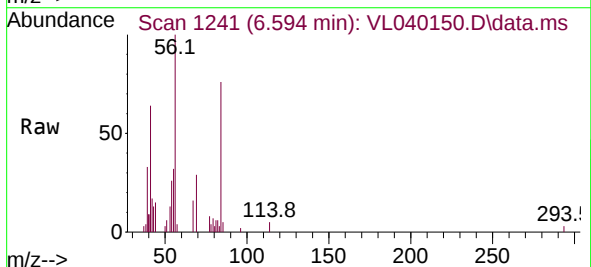
Manual Integrations
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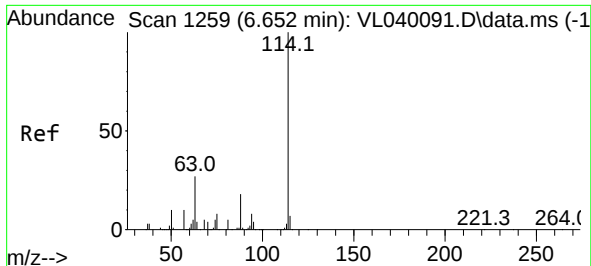
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#30
Cyclohexane
Concen: 0.202 ppbv m
RT: 6.594 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VL040150.D
Acq: 6 Feb 2023 17:44

Tgt Ion: 84 Resp: 13372
Ion Ratio Lower Upper
84 100
56 114.6 111.5 167.3
41 95.6 71.4 107.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040150.D

Acq: 6 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

IA2

Tgt Ion:114 Resp: 241629

Ion Ratio Lower Upper

114 100

63 24.4 21.8 32.8

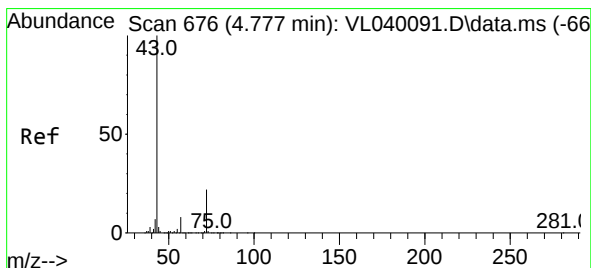
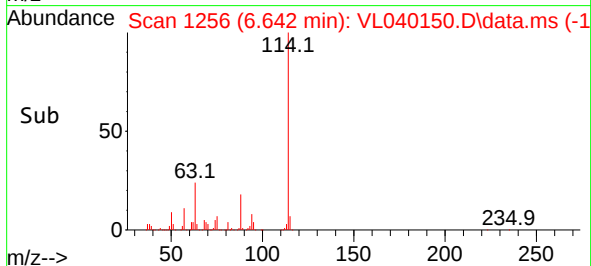
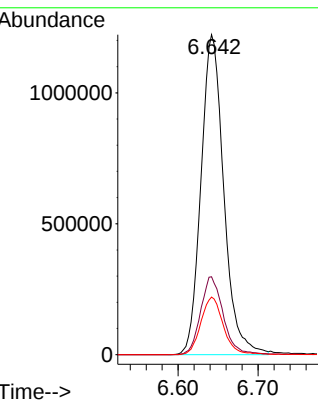
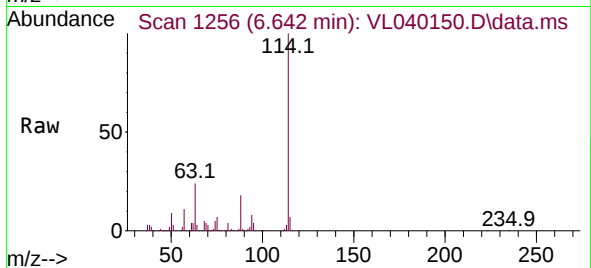
88 17.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#34

2-Butanone

Concen: 0.147 ppbv m

RT: 4.780 min Scan# 677

Delta R.T. 0.010 min

Lab File: VL040150.D

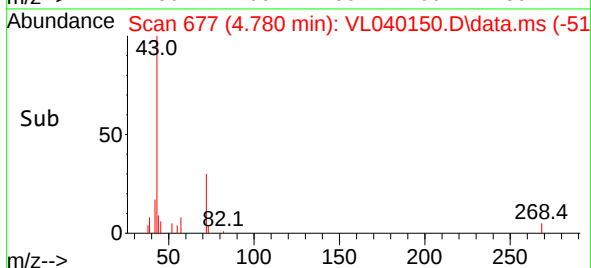
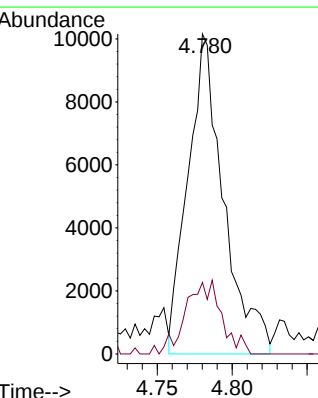
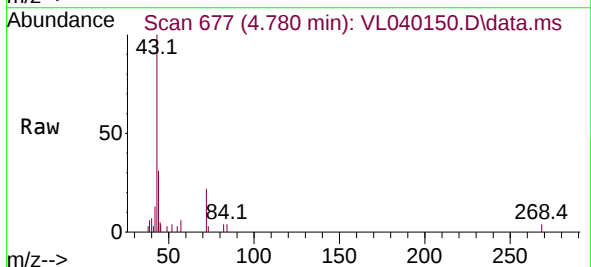
Acq: 6 Feb 2023 17:44

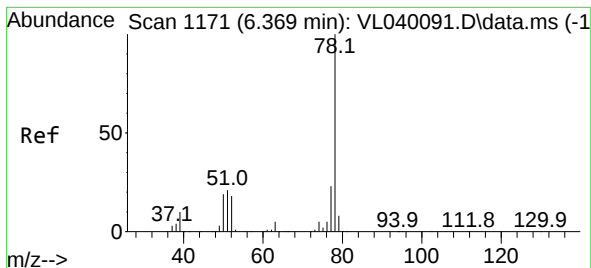
Tgt Ion: 43 Resp: 16820

Ion Ratio Lower Upper

43 100

72 22.7 18.4 27.6





#36

Benzene

Concen: 0.173 ppbv m

RT: 6.356 min Scan# 1171

Delta R.T. -0.003 min

Lab File: VL040150.D

Acq: 6 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

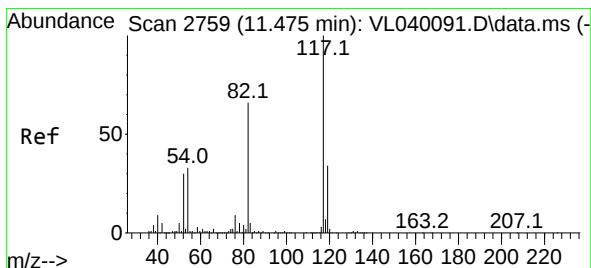
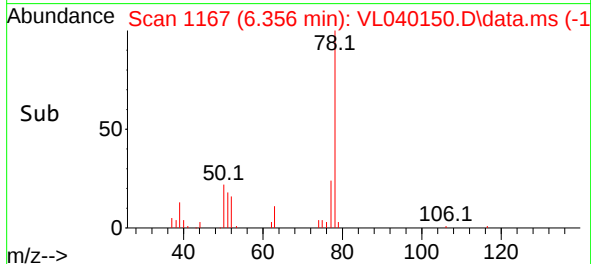
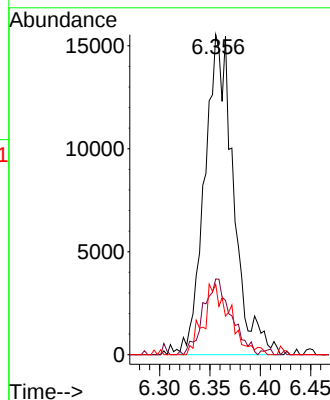
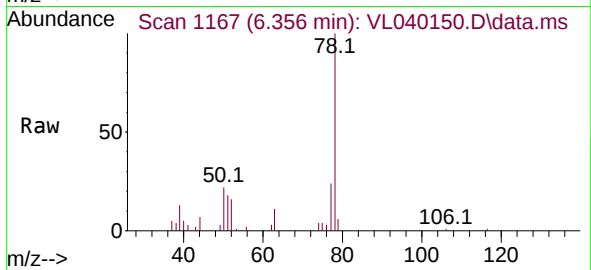
IA2

Tgt Ion: 78	Resp: 3095
Ion Ratio	Lower Upper
78 100	
77 23.7	18.1 27.1
50 22.0	15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

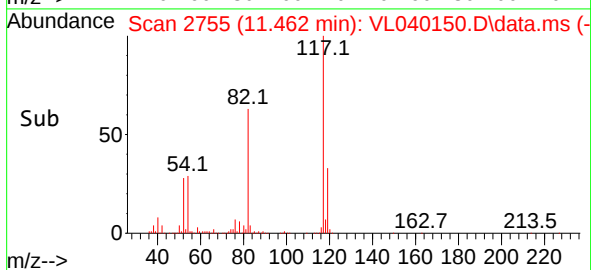
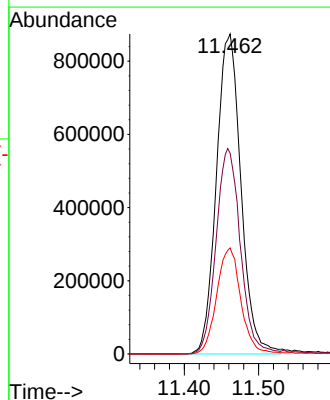
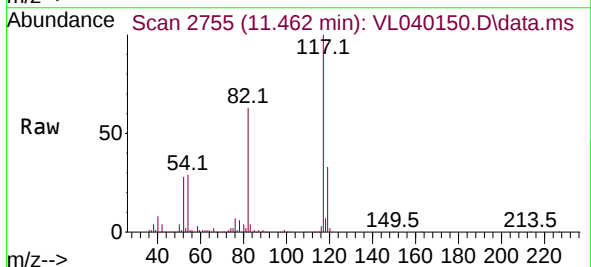
RT: 11.462 min Scan# 2755

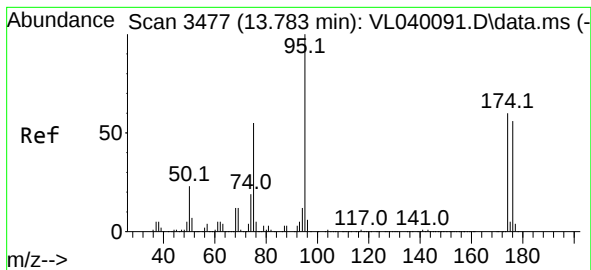
Delta R.T. 0.003 min

Lab File: VL040150.D

Acq: 6 Feb 2023 17:44

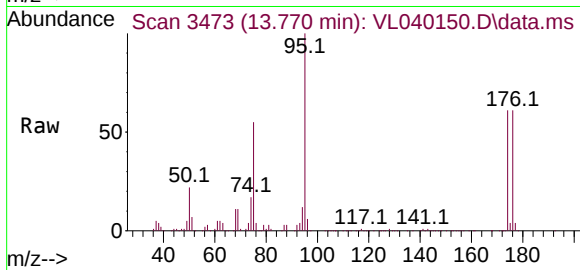
Tgt Ion:117	Resp: 2012833		
Ion	Ratio	Lower	Upper
117	100		
82	64.2	54.4	81.6
119	33.2	26.8	40.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.666 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL040150.D
 Acq: 6 Feb 2023 17:44

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2



Tgt Ion: 95 Resp: 1449720

Ion	Ratio	Lower	Upper
95	100		
174	63.8	47.7	71.5
175	4.6	3.4	5.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023

