

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040613.D
 Acq On : 9 Aug 2023 19:59
 Operator : SY/MD
 Sample : 03950-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:31:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 10 12:51:22 2023
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	226630	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	479301	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	347021	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	276224	10.058	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.716	85	28421	0.627	ppbv	96
3) Chlorodifluoromethane	2.664	51	25106m	0.699	ppbv	
4) Chloromethane	2.809	50	9546m	0.671	ppbv	
9) Propene	2.697	41	17197m	1.398	ppbv	
11) Trichlorofluoromethane	3.552	101	11466m	0.313	ppbv	
13) Ethanol	3.253	45	7519m	2.810	ppbv	
15) Acetone	3.481	43	174450	6.687	ppbv	99
20) Methylene Chloride	3.931	84	49415	4.453	ppbv	89
26) Hexane	5.214	57	28494	1.235	ppbv #	38
34) 2-Butanone	4.819	43	7993m	0.337	ppbv	
35) Carbon Tetrachloride	6.491	117	3001m	0.104	ppbv	
36) Benzene	6.372	78	5677	0.147	ppbv #	91
53) Toluene	9.224	91	7320m	0.175	ppbv	

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

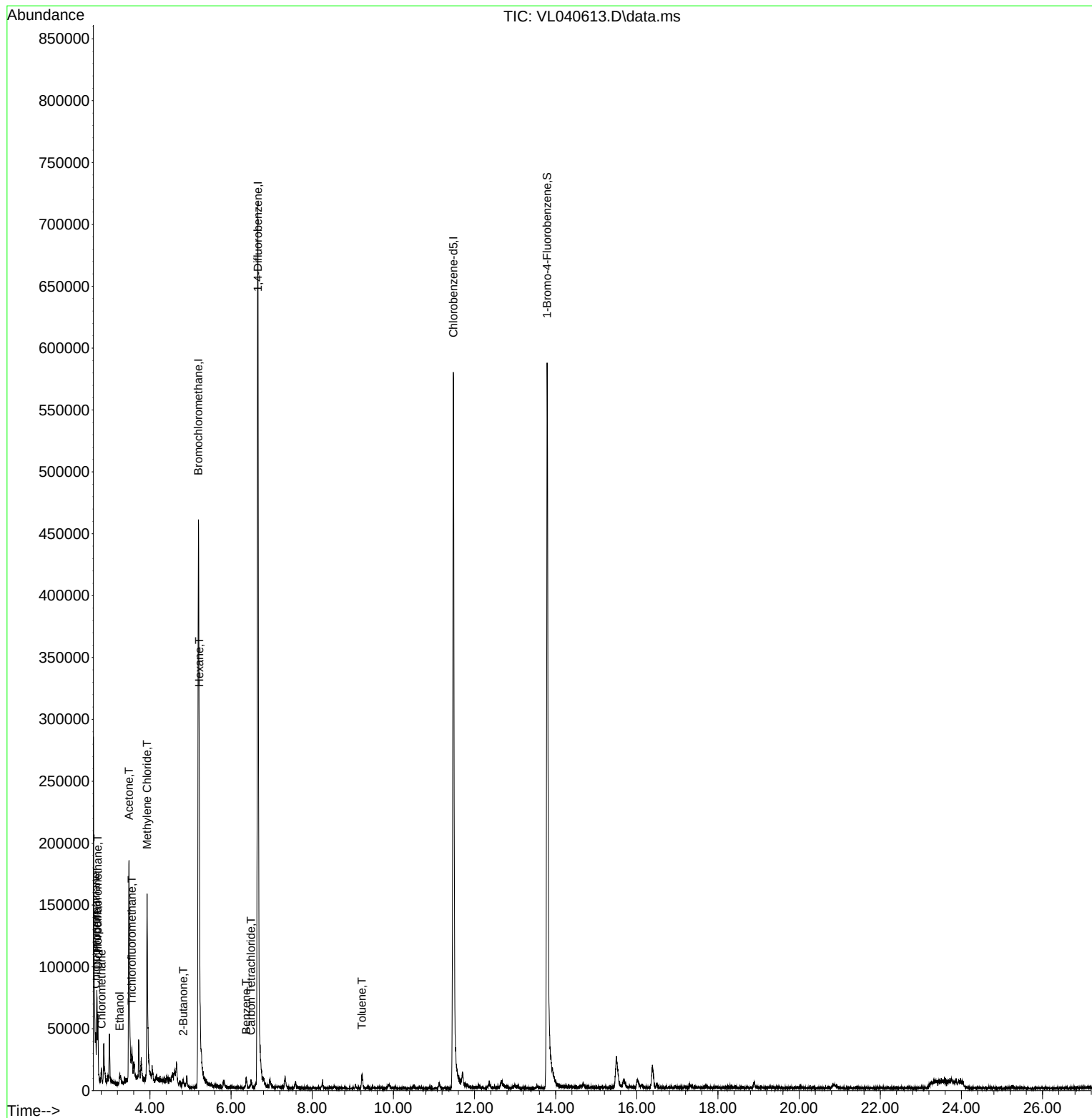
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
Data File : VL040613.D
Acq On : 9 Aug 2023 19:59
Operator : SY/MD
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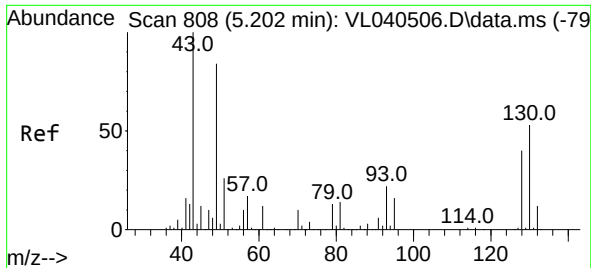
Instrument :
MSVOA_L
ClientSampleId :
IA2

Quant Time: Aug 10 01:31:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

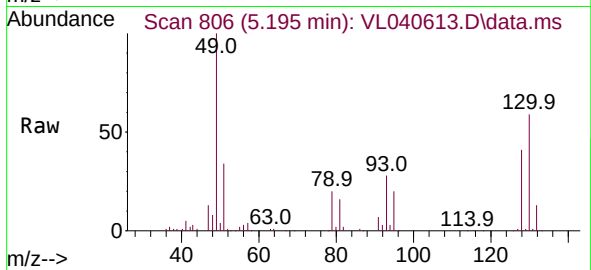
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040613.D
Acq: 9 Aug 2023 19:59

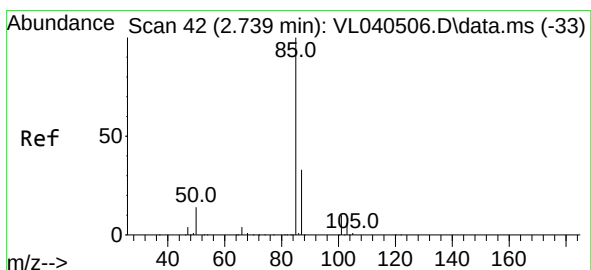
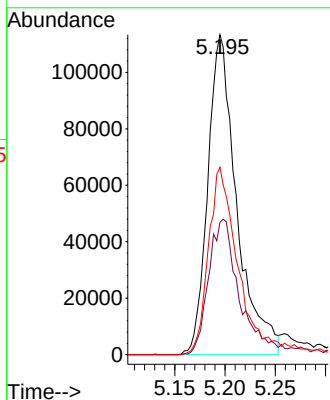
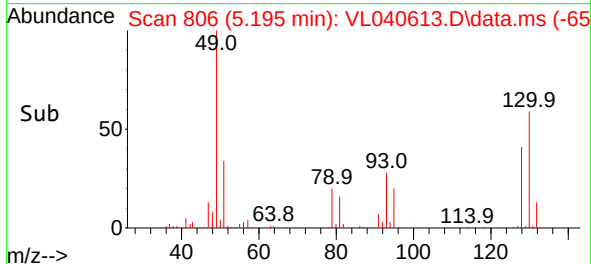
Instrument :
MSVOA_L
ClientSampleId :
IA2



Tgt Ion: 49 Resp: 226630
Ion Ratio Lower Upper
49 100
128 49.1 25.1 75.4
130 62.1 31.6 94.7

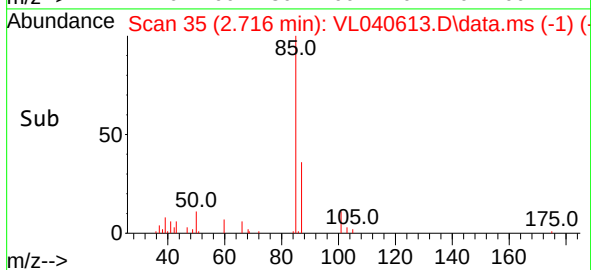
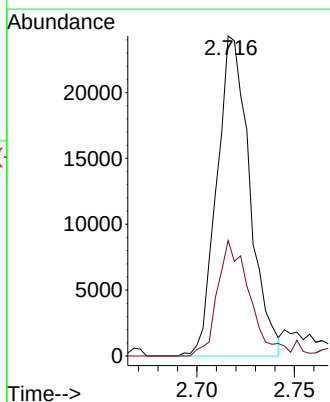
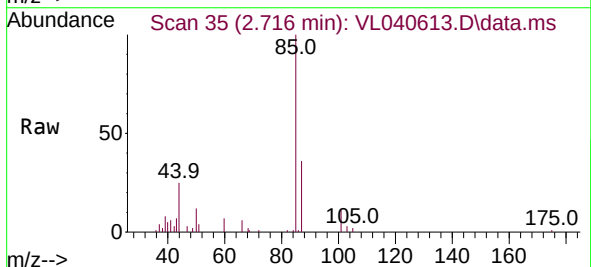
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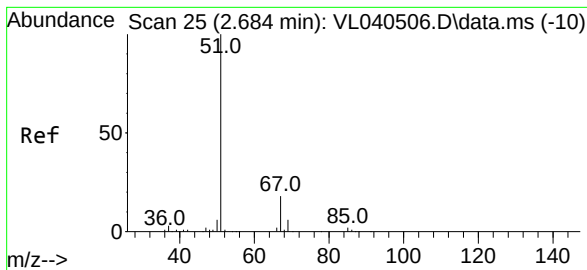
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#2
Dichlorodifluoromethane
Concen: 0.627 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.023 min
Lab File: VL040613.D
Acq: 9 Aug 2023 19:59

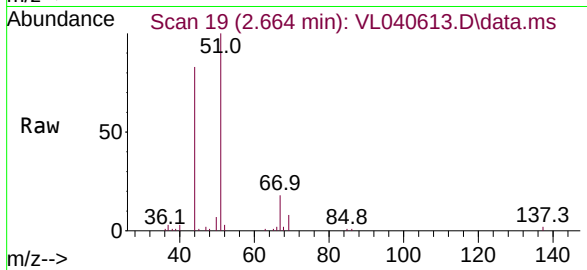
Tgt Ion: 85 Resp: 28421
Ion Ratio Lower Upper
85 100
87 36.0 26.8 40.2





#3
Chlorodifluoromethane
Concen: 0.699 ppbv m
RT: 2.664 min Scan# 19
Delta R.T. -0.019 min
Lab File: VL040613.D
Acq: 9 Aug 2023 19:59

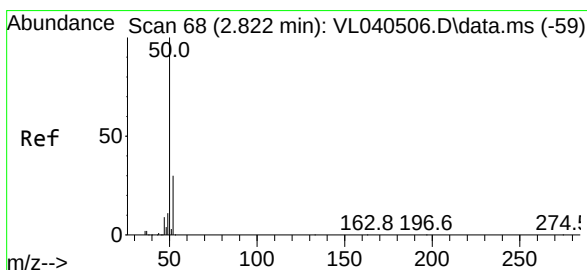
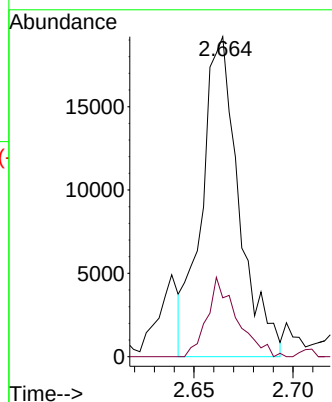
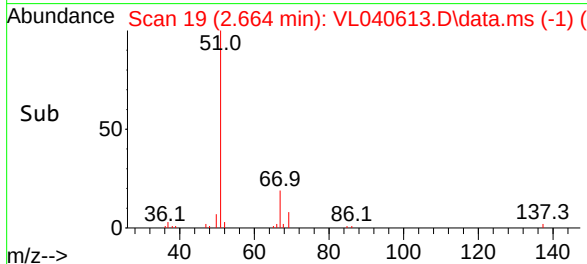
Instrument :
MSVOA_L
ClientSampleId :
IA2



Tgt Ion: 51 Resp: 25100
Ion Ratio Lower Upper
51 100
67 20.9 14.6 21.8

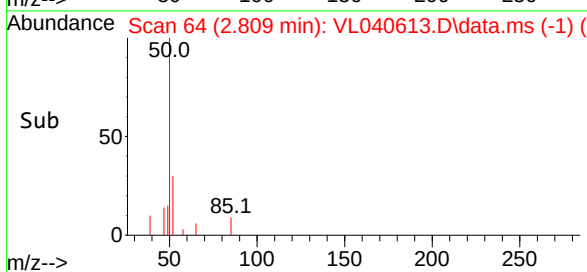
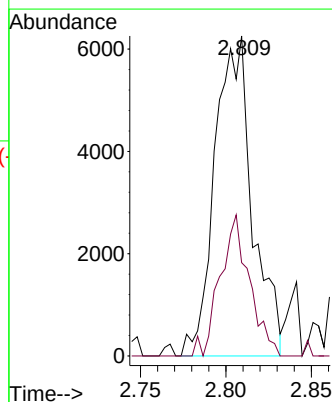
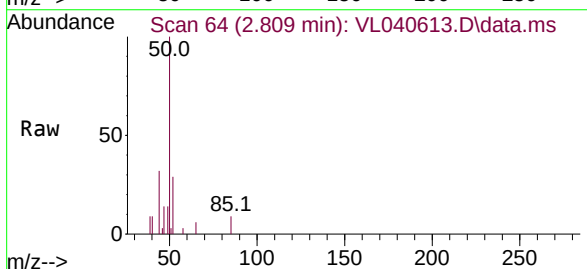
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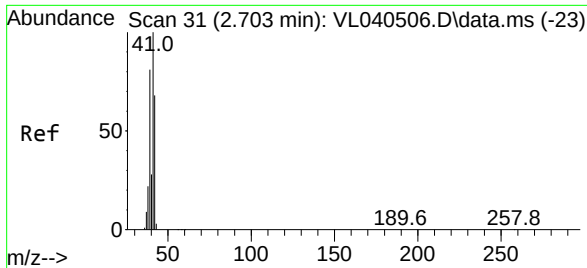
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#4
Chloromethane
Concen: 0.671 ppbv m
RT: 2.809 min Scan# 64
Delta R.T. -0.013 min
Lab File: VL040613.D
Acq: 9 Aug 2023 19:59

Tgt Ion: 50 Resp: 9546
Ion Ratio Lower Upper
50 100
52 29.1 24.4 36.6





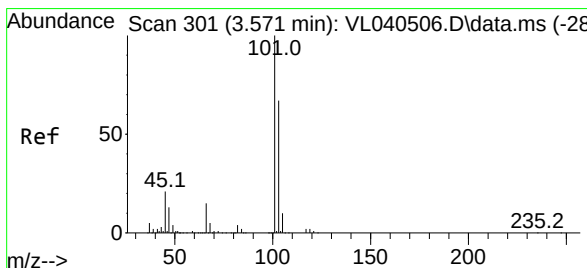
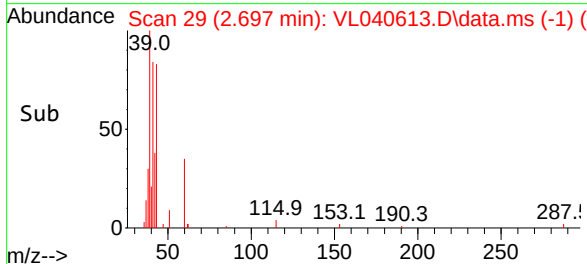
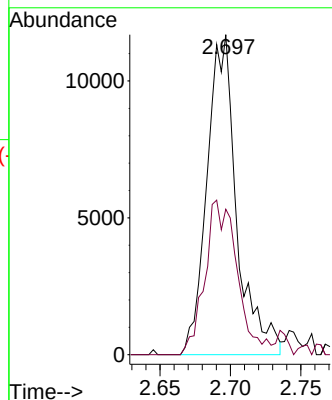
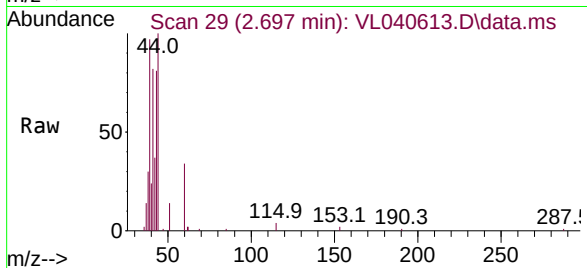
#9
 Propene
 Concen: 1.398 ppbv m
 RT: 2.697 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: VL040613.D
 Acq: 9 Aug 2023 19:59

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Tgt Ion: 41 Resp: 1719
 Ion Ratio Lower Upper
 41 100
 42 56.9 55.0 82.6

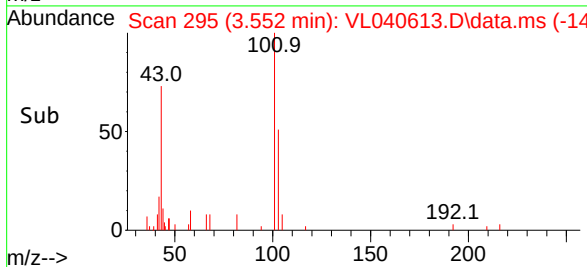
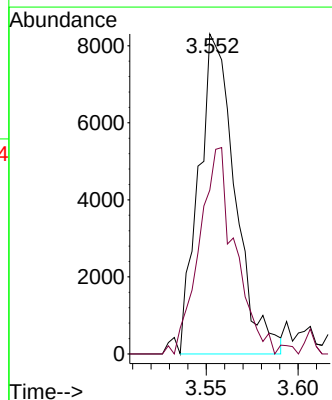
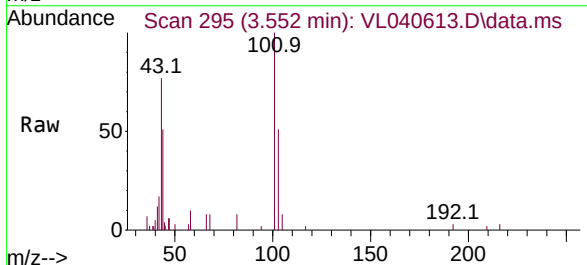
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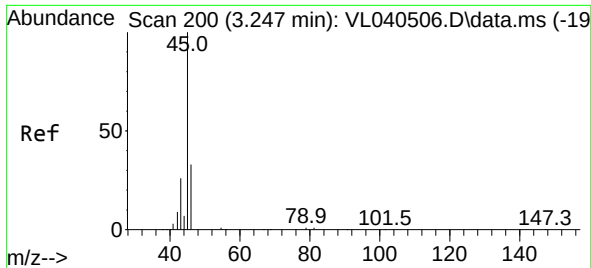
Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023



#11
 Trichlorofluoromethane
 Concen: 0.313 ppbv m
 RT: 3.552 min Scan# 295
 Delta R.T. -0.019 min
 Lab File: VL040613.D
 Acq: 9 Aug 2023 19:59

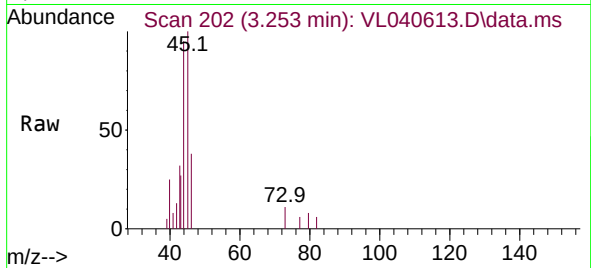
Tgt Ion:101 Resp: 11466
 Ion Ratio Lower Upper
 101 100
 103 51.2 53.4 80.0#





#13
Ethanol
Concen: 2.810 ppbv m
RT: 3.253 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040613.D
Acq: 9 Aug 2023 19:59

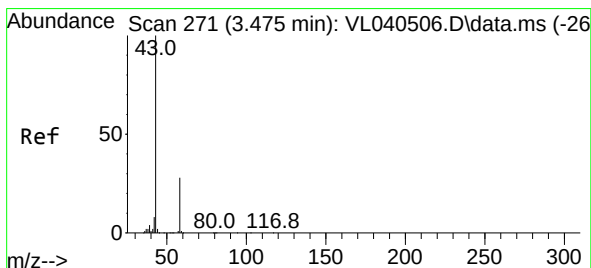
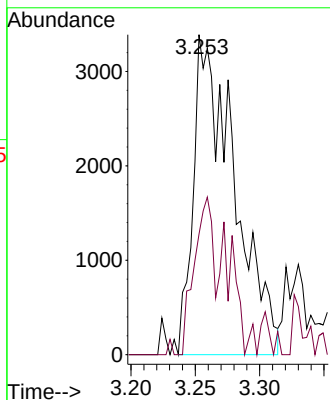
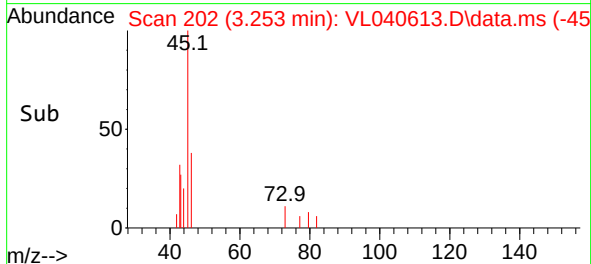
Instrument :
MSVOA_L
ClientSampleId :
IA2



Tgt Ion: 45 Resp: 7519
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1

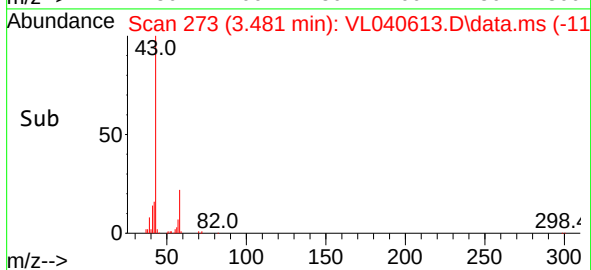
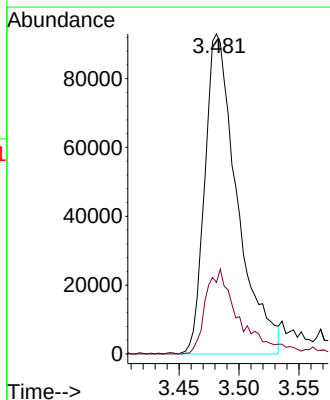
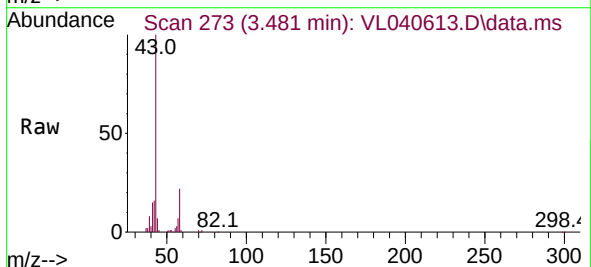
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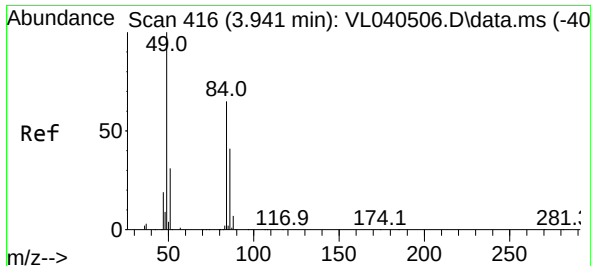
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#15
Acetone
Concen: 6.687 ppbv
RT: 3.481 min Scan# 273
Delta R.T. 0.006 min
Lab File: VL040613.D
Acq: 9 Aug 2023 19:59

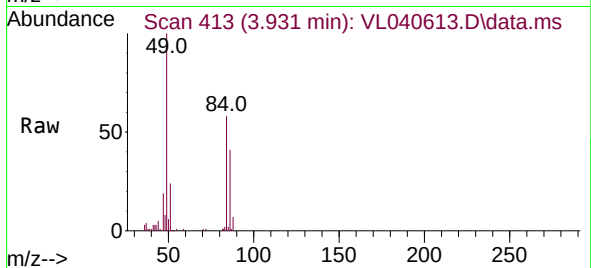
Tgt Ion: 43 Resp: 174450
Ion Ratio Lower Upper
43 100
58 29.0 22.9 34.3





#20
Methylene Chloride
Concen: 4.453 ppbv
RT: 3.931 min Scan# 416
Delta R.T. -0.010 min
Lab File: VL040613.D
Acq: 9 Aug 2023 19:59

Instrument :
MSVOA_L
ClientSampleId :
IA2

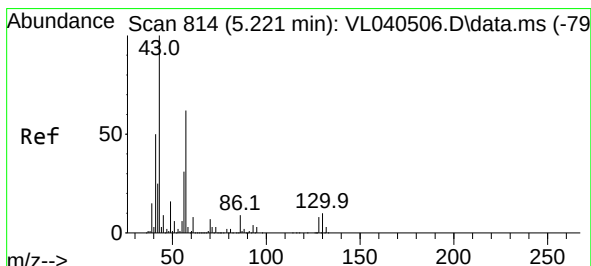
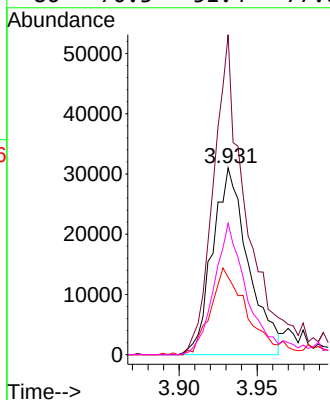
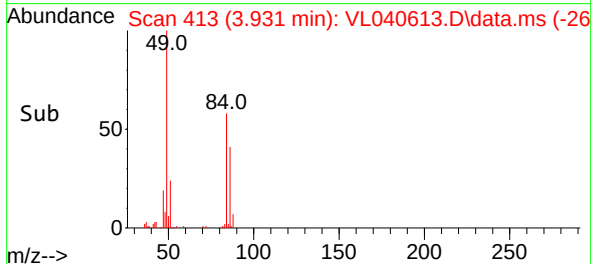


Tgt Ion: 84 Resp: 49415

Ion	Ratio	Lower	Upper
84	100		
49	171.2	123.4	185.2
51	41.4	38.3	57.5
86	70.3	51.4	77.0

Manual Integrations
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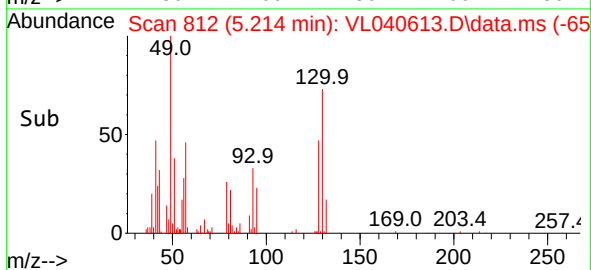
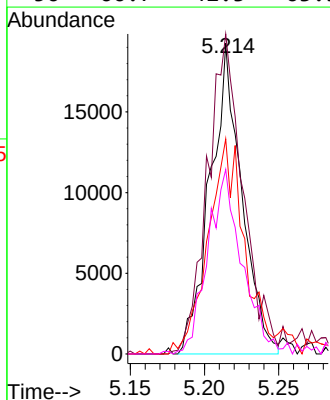
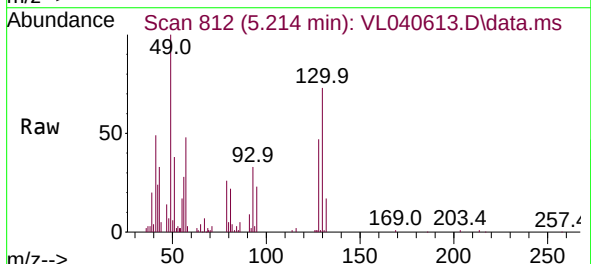
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

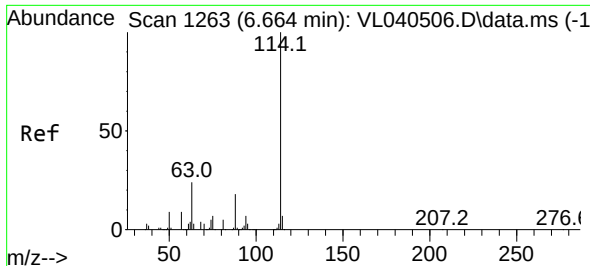


#26
Hexane
Concen: 1.235 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.007 min
Lab File: VL040613.D
Acq: 9 Aug 2023 19:59

Tgt Ion: 57 Resp: 28494

Ion	Ratio	Lower	Upper
57	100		
41	116.8	69.5	104.3#
43	87.4	177.1	265.7#
56	66.7	42.3	63.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. -0.007 min

Lab File: VL040613.D

Acq: 9 Aug 2023 19:59

Instrument :

MSVOA_L

ClientSampleId :

IA2

Tgt Ion:114 Resp: 47930

Ion Ratio Lower Upper

114 100

63 28.5 19.6 29.4

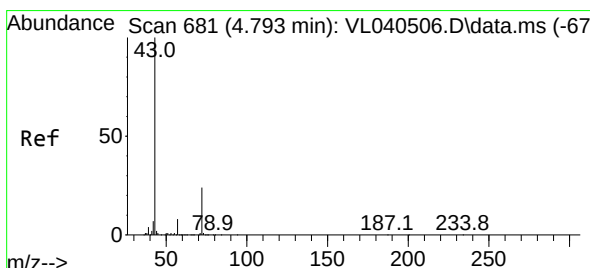
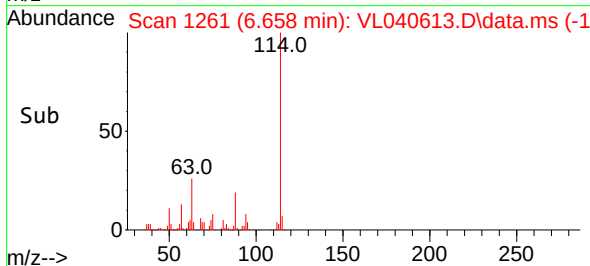
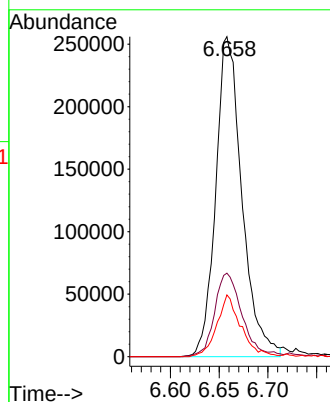
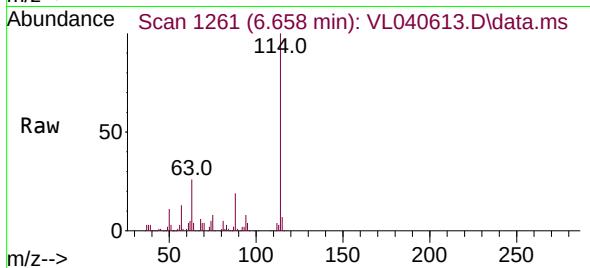
88 18.3 14.2 21.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#34

2-Butanone

Concen: 0.337 ppbv m

RT: 4.819 min Scan# 689

Delta R.T. 0.026 min

Lab File: VL040613.D

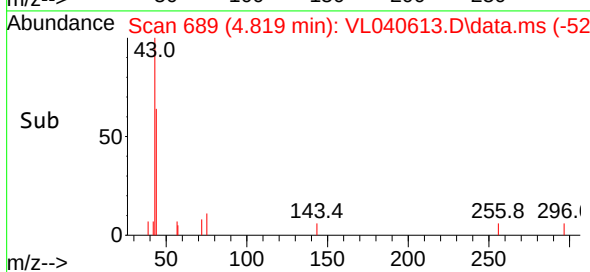
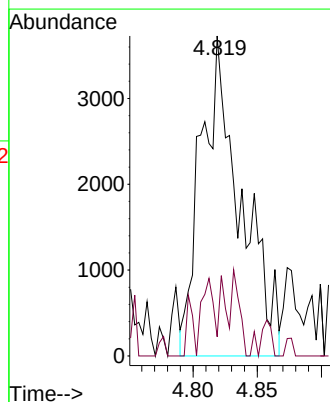
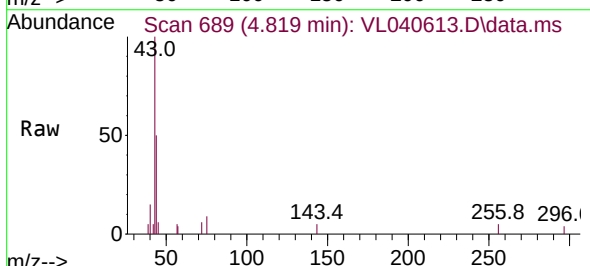
Acq: 9 Aug 2023 19:59

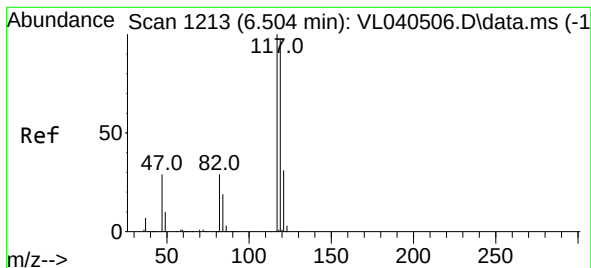
Tgt Ion: 43 Resp: 7993

Ion Ratio Lower Upper

43 100

72 0.0 19.1 28.7#





#35

Carbon Tetrachloride

Concen: 0.104 ppbv m

RT: 6.491 min Scan# 117

Delta R.T. -0.013 min

Lab File: VL040613.D

Acq: 9 Aug 2023 19:59

Instrument :

MSVOA_L

ClientSampleId :

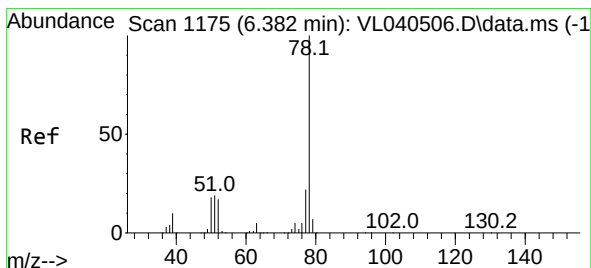
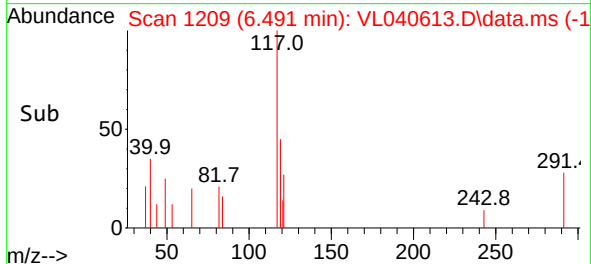
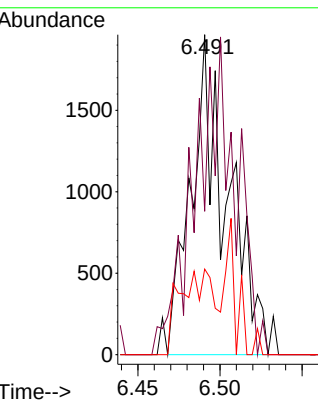
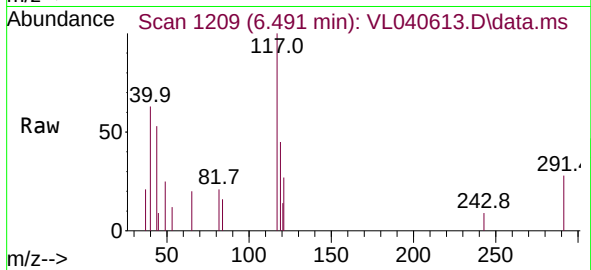
IA2

Tgt Ion:117	Resp:	300
Ion	Ratio	Lower Upper
117	100	
119	44.8	77.8 116.6
121	26.7	24.8 37.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#36

Benzene

Concen: 0.147 ppbv

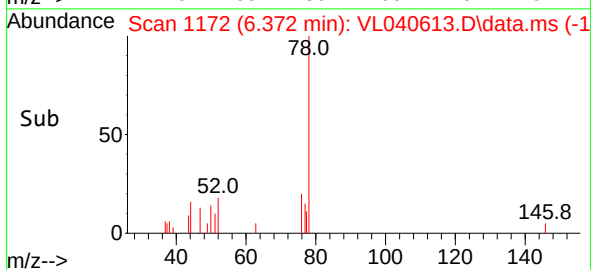
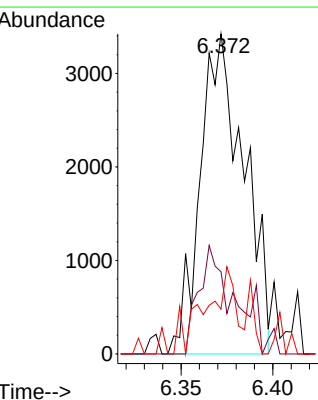
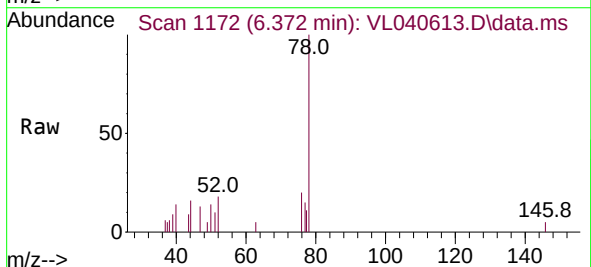
RT: 6.372 min Scan# 1172

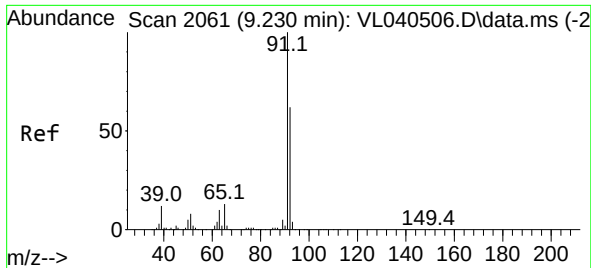
Delta R.T. -0.010 min

Lab File: VL040613.D

Acq: 9 Aug 2023 19:59

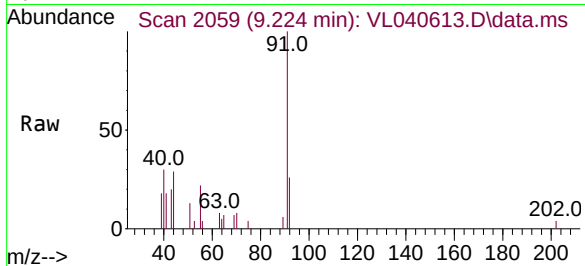
Tgt Ion: 78	Resp:	5677
Ion	Ratio	Lower Upper
78	100	
77	25.7	17.4 26.0
50	14.0	14.4 21.6





#53
Toluene
Concen: 0.175 ppbv m
RT: 9.224 min Scan# 2061
Delta R.T. -0.007 min
Lab File: VL040613.D
Acq: 9 Aug 2023 19:59

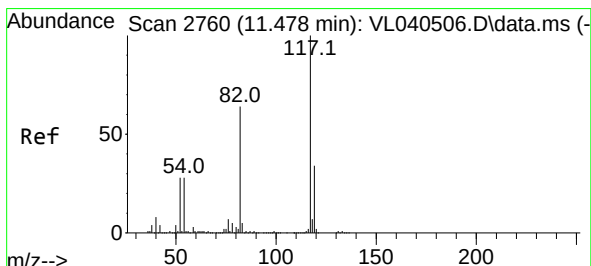
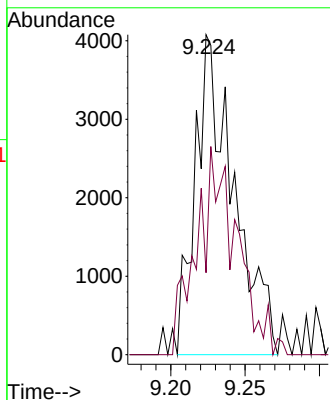
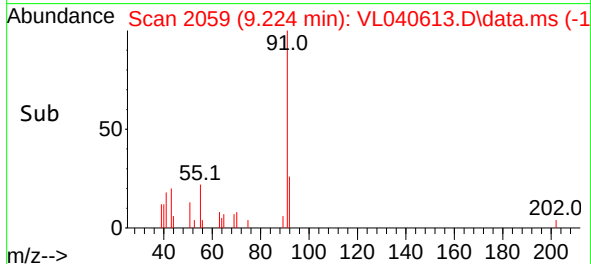
Instrument :
MSVOA_L
ClientSampleId :
IA2



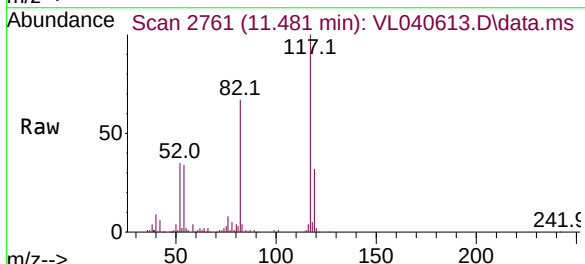
Tgt Ion: 91 Resp: 7320
Ion Ratio Lower Upper
91 100
92 67.8 49.1 73.7

Manual Integrations
APPROVED

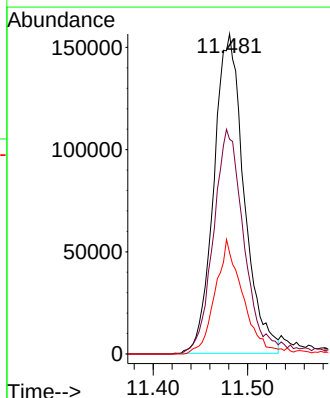
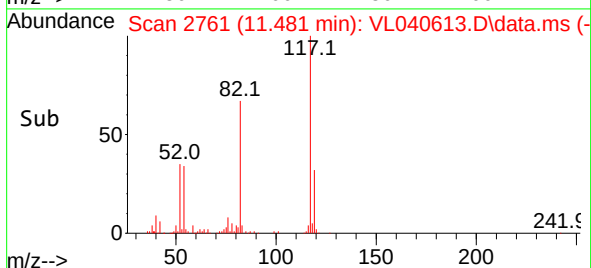
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

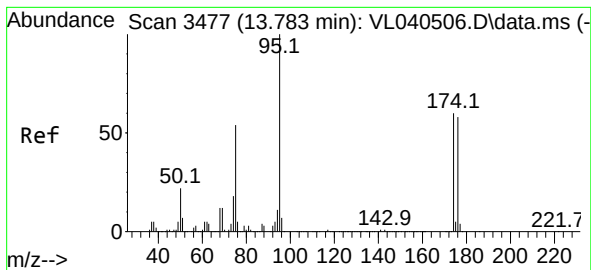


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.003 min
Lab File: VL040613.D
Acq: 9 Aug 2023 19:59



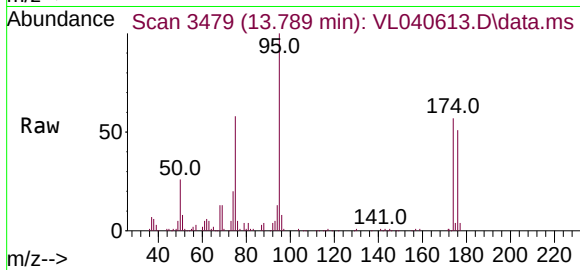
Tgt Ion:117 Resp: 347021
Ion Ratio Lower Upper
117 100
82 74.4 50.2 75.4
119 33.5 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.058 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. 0.006 min
 Lab File: VL040613.D
 Acq: 9 Aug 2023 19:59

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2



Tgt Ion: 95 Resp: 276224
 Ion Ratio Lower Upper
 95 100
 174 61.1 50.6 75.8
 175 3.9 3.7 5.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

