

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
 Data File : VL040781.D
 Acq On : 23 Oct 2023 16:35
 Operator : SY/MD
 Sample : 05004-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/25/2023
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 24 05:36:16 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

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

QLast Update : Thu Oct 12 00:21:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	882446	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.642	114	2437866	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.449	117	2170627	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.757 95 1631149 10.213 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	82860	0.533	ppbv	98
3) Chlorodifluoromethane	2.652	51	1188392	9.164	ppbv #	62
4) Chloromethane	2.813	50	44828m	0.875	ppbv	
9) Propene	2.703	41	106381m	2.208	ppbv	
10) Heptane	7.565	43	55548	0.459	ppbv	89
11) Trichlorofluoromethane	3.558	101	38731	0.323	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.063	101	6557m	0.077	ppbv	
13) Ethanol	3.237	45	1064690	97.915	ppbv	97
15) Acetone	3.462	43	1601616	17.556	ppbv	99
16) 1,3-Butadiene	3.012	39	90267	1.886	ppbv #	10
17) tert-Butyl alcohol	3.880	59	39045m	0.417	ppbv	
19) Isopropyl Alcohol	3.575	45	5414677	92.202	ppbv #	38
20) Methylene Chloride	3.928	84	144398	3.800	ppbv	98
21) Allyl Chloride	4.227	41	5131	0.085	ppbv #	22
23) Vinyl Acetate	4.610	43	83070	0.715	ppbv #	66
25) Ethyl Acetate	5.198	43	154057	0.771	ppbv #	88
26) Hexane	5.205	57	165253	1.809	ppbv #	49
27) Carbon Disulfide	4.124	76	7205	0.071	ppbv #	20
29) Chloroform	5.263	83	81841	0.619	ppbv	98
30) Cyclohexane	6.594	84	14589m	0.188	ppbv	
32) 1,1,1-Trichloroethane	5.989	97	213998	1.521	ppbv	96
34) 2-Butanone	4.780	43	93600	0.848	ppbv	93
35) Carbon Tetrachloride	6.478	117	11880m	0.087	ppbv	
36) Benzene	6.359	78	117251	0.625	ppbv #	91
37) 1,2-Dichloroethane	5.796	62	32965	0.343	ppbv	98
43) Methyl Methacrylate	7.462	69	46252	0.616	ppbv	93
44) 2,2,4-Trimethylpentane	7.307	57	160177m	0.505	ppbv	
50) 4-Methyl-2-Pentanone	8.179	43	115501	0.612	ppbv	99
52) Tetrachloroethene	10.597	164	27314	0.359	ppbv	86
53) Toluene	9.205	91	788622	3.534	ppbv	98
58) Ethyl Benzene	12.069	91	312910	1.145	ppbv	96
59) m/p-Xylene	12.327	91	934918	4.156	ppbv	97
60) o-Xylene	13.037	91	269590m	1.258	ppbv	
61) Styrene	12.883	104	14644m	0.123	ppbv	
69) p-Isopropyltoluene	16.979	119	62083m	0.182	ppbv	
72) 4-Ethyltoluene	15.175	105	49441	0.197	ppbv #	96
74) 1,2,4-Trimethylbenzene	16.085	105	166355	0.689	ppbv #	70
76) 1,4-Dichlorobenzene	16.455	146	58246	0.392	ppbv	95
79) Naphthalene	21.371	128	62933m	0.321	ppbv	

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

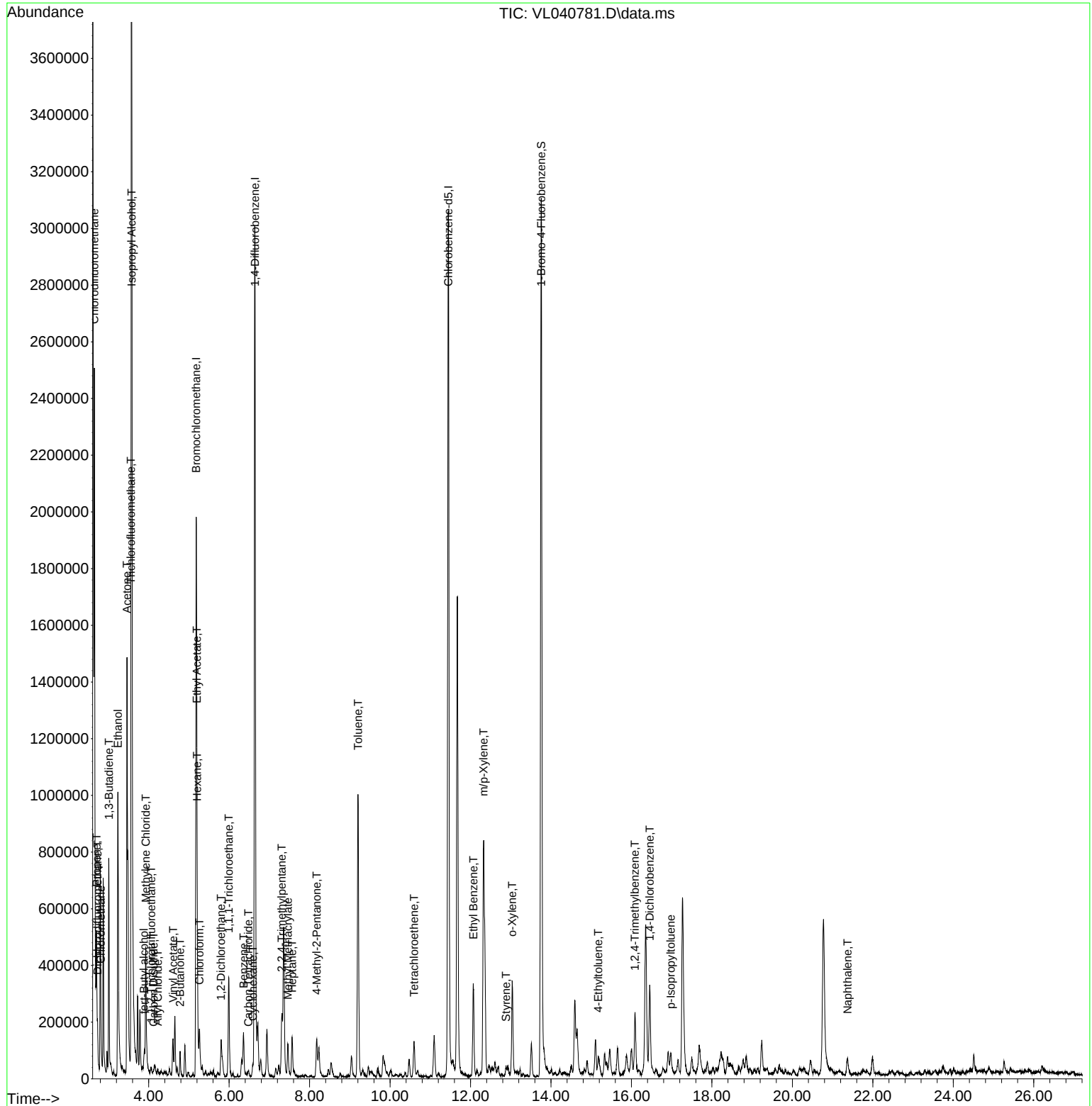
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
Data File : VL040781.D
Acq On : 23 Oct 2023 16:35
Operator : SY/MD
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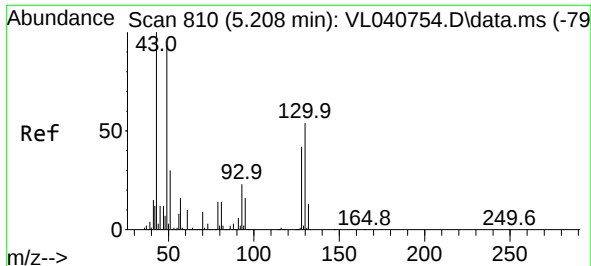
Instrument :
MSVOA_L
ClientSampleId :
IA1

Quant Time: Oct 24 05:36:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Oct 12 00:21:08 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

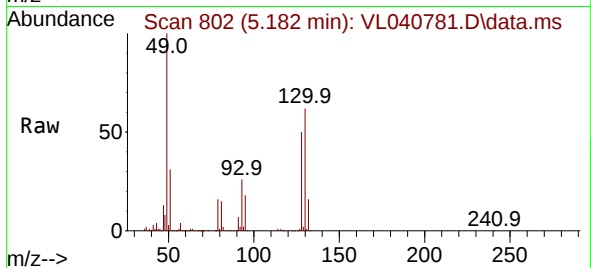
Reviewed By : Semsettin Yesilyurt 10/25/2023
Supervised By : Mahesh Dadoda 10/25/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

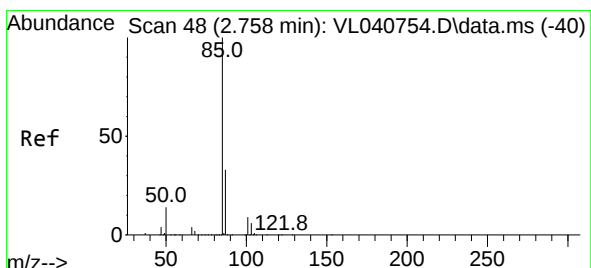
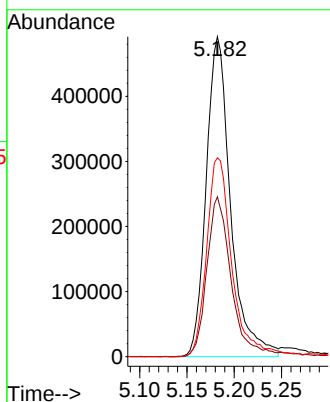
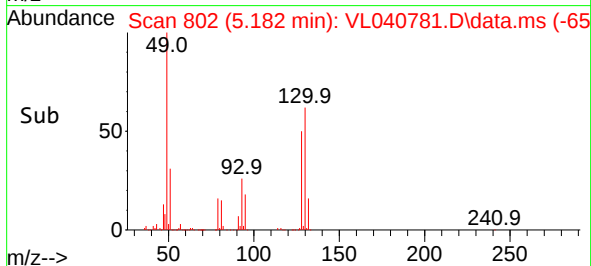
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 49 Resp: 882440
Ion Ratio Lower Upper
49 100
128 51.3 23.9 71.7
130 65.7 30.7 92.1

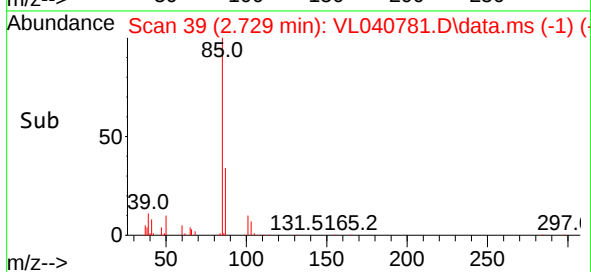
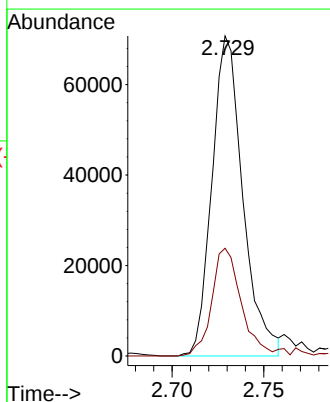
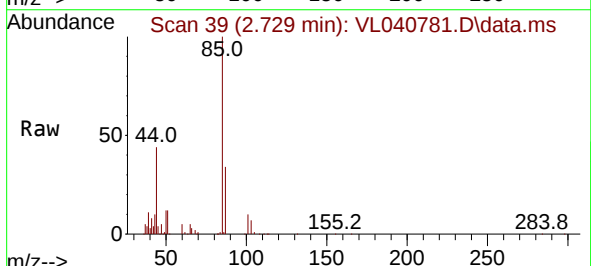
Manual Integrations
APPROVED

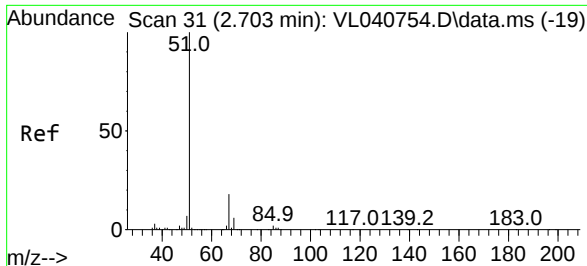
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#2
Dichlorodifluoromethane
Concen: 0.533 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.029 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

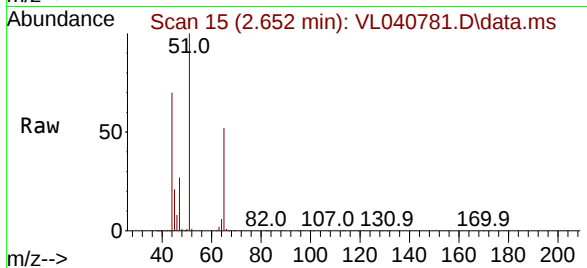
Tgt Ion: 85 Resp: 82860
Ion Ratio Lower Upper
85 100
87 33.6 26.0 39.0





#3
Chlorodifluoromethane
Concen: 9.164 ppbv
RT: 2.652 min Scan# 11
Delta R.T. -0.051 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

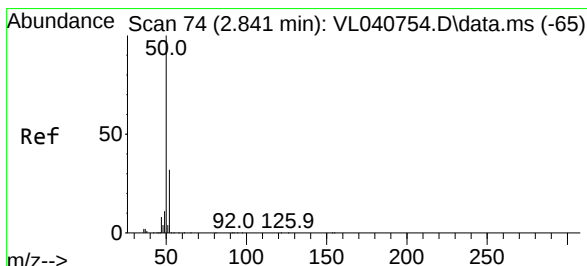
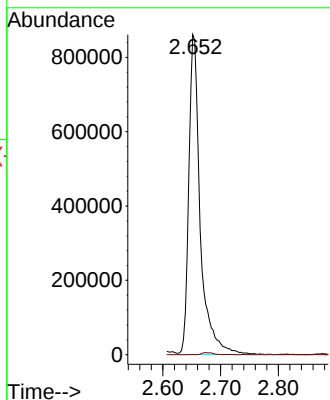
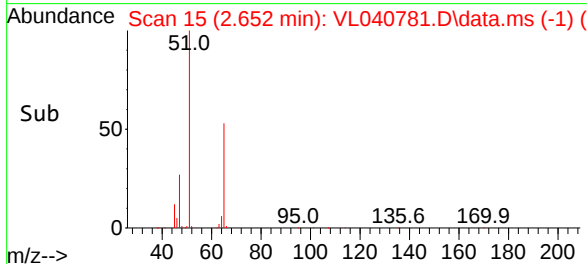
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 51 Resp: 1188392
Ion Ratio Lower Upper
51 100
67 0.7 13.8 20.6

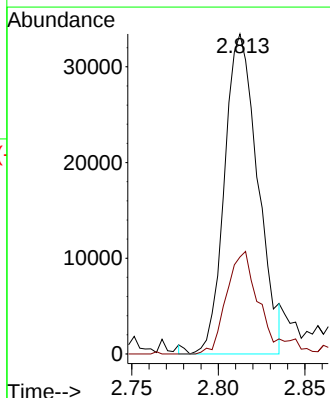
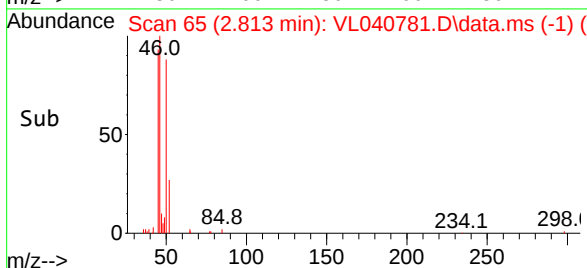
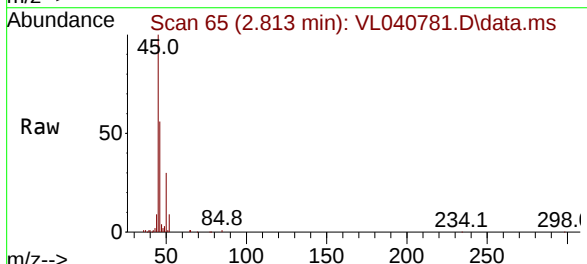
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

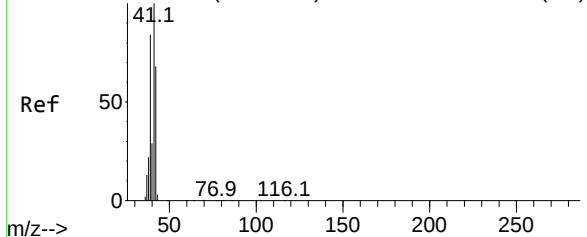


#4
Chloromethane
Concen: 0.875 ppbv m
RT: 2.813 min Scan# 65
Delta R.T. -0.029 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

Tgt Ion: 50 Resp: 44828
Ion Ratio Lower Upper
50 100
52 30.3 25.3 37.9



Abundance Scan 37 (2.722 min): VL040754.D\data.ms (-27)



#9

Propene

Concen: 2.208 ppbv m

RT: 2.703 min Scan# 31

Delta R.T. -0.019 min

Lab File: VL040781.D

Acq: 23 Oct 2023 16:35

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 41 Resp: 10638

Ion Ratio Lower Upper

41 100

42 107.8 57.1 85.7

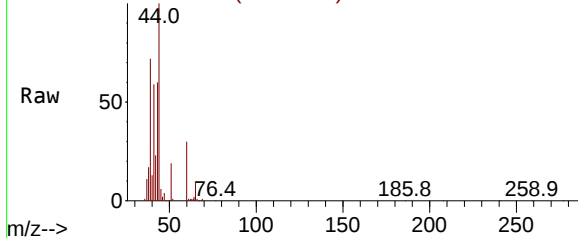
Manual Integrations

APPROVED

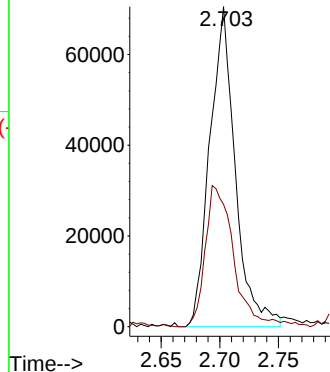
Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023

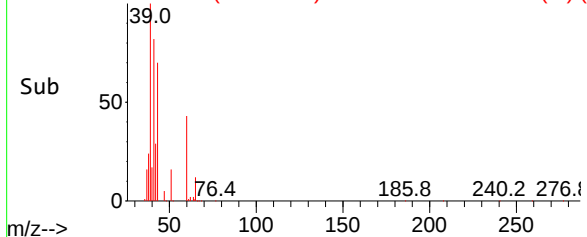
Abundance Scan 31 (2.703 min): VL040781.D\data.ms



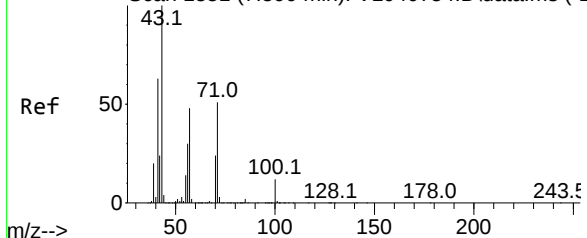
Abundance



Abundance Scan 31 (2.703 min): VL040781.D\data.ms (-1)



Abundance Scan 1551 (7.590 min): VL040754.D\data.ms (-1)



#10

Heptane

Concen: 0.459 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. -0.026 min

Lab File: VL040781.D

Acq: 23 Oct 2023 16:35

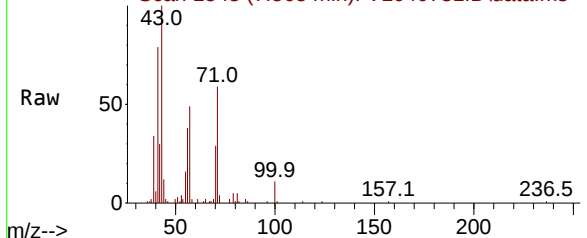
Tgt Ion: 43 Resp: 55548

Ion Ratio Lower Upper

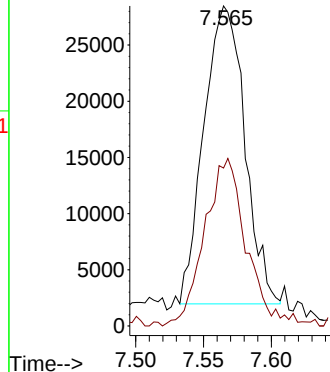
43 100

57 57.9 40.0 60.0

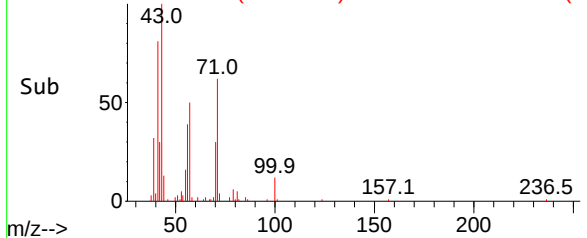
Abundance Scan 1543 (7.565 min): VL040781.D\data.ms

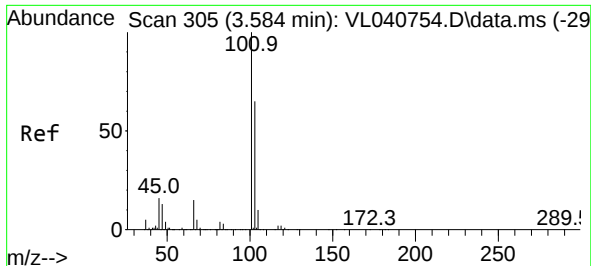


Abundance



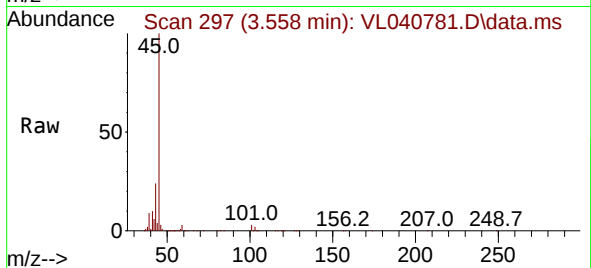
Abundance Scan 1543 (7.565 min): VL040781.D\data.ms (-1)





#11
Trichlorofluoromethane
Concen: 0.323 ppbv
RT: 3.558 min Scan# 24
Delta R.T. -0.026 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

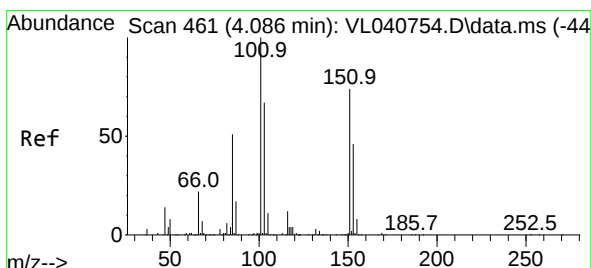
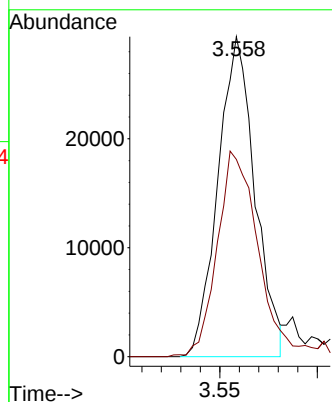
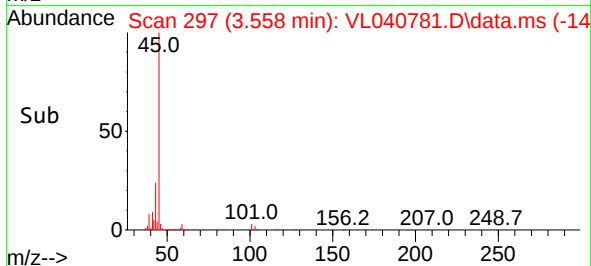
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:101 Resp: 3873
Ion Ratio Lower Upper
101 100
103 61.0 52.2 78.2

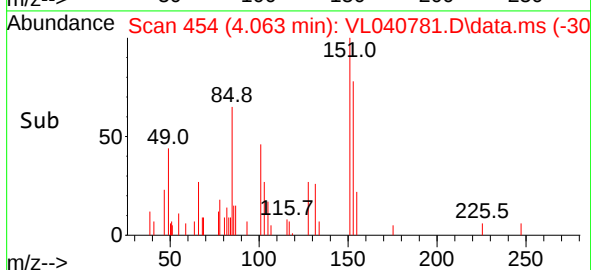
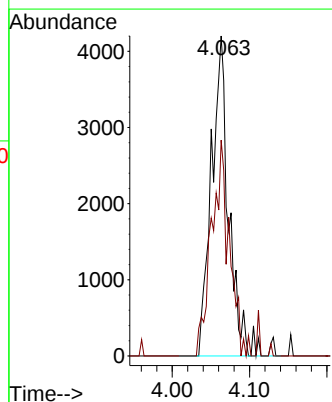
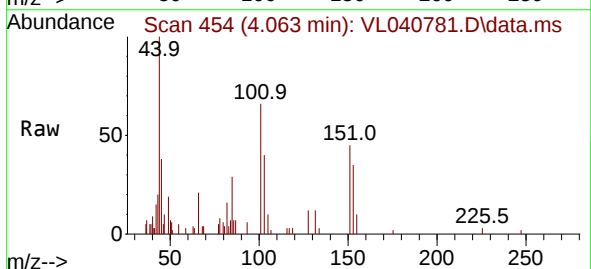
Manual Integrations
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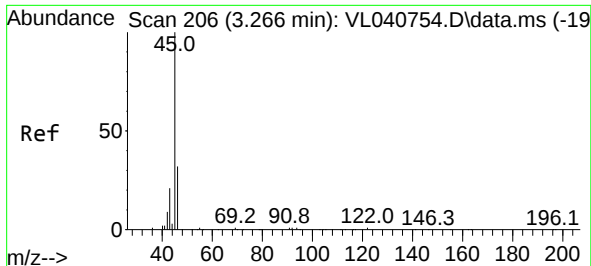
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.077 ppbv m
RT: 4.063 min Scan# 454
Delta R.T. -0.022 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

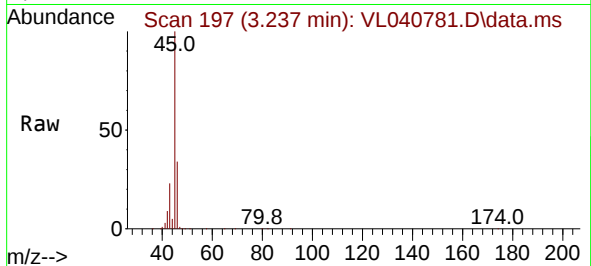
Tgt Ion:101 Resp: 6557
Ion Ratio Lower Upper
101 100
151 70.7 58.1 87.1





#13
Ethanol
Concen: 97.915 ppbv
RT: 3.237 min Scan# 197
Delta R.T. -0.029 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

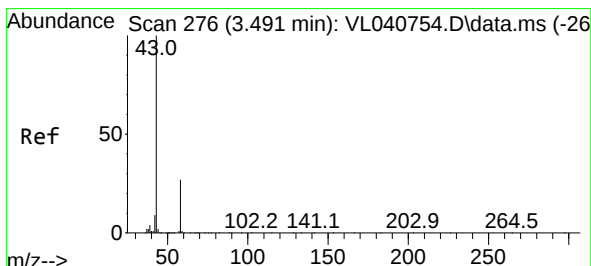
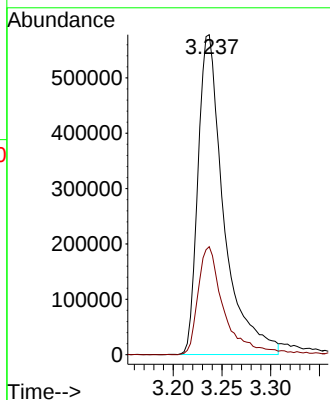
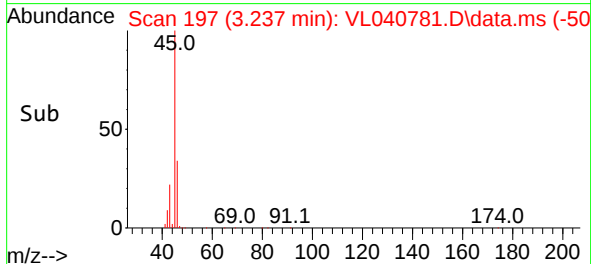
Instrument :
MSVOA_L
ClientSampleId :
IA1



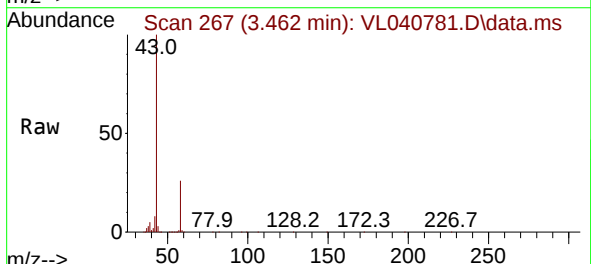
Tgt Ion: 45 Resp: 1064690
Ion Ratio Lower Upper
45 100
46 34.6 14.6 58.2

Manual Integrations
APPROVED

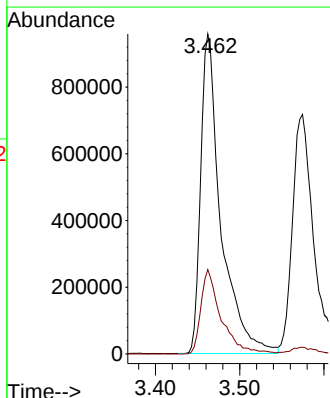
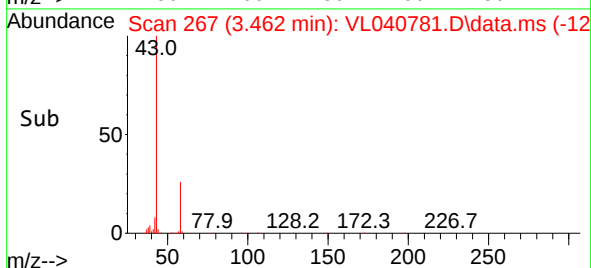
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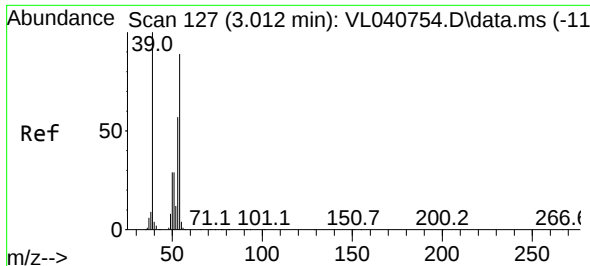


#15
Acetone
Concen: 17.556 ppbv
RT: 3.462 min Scan# 267
Delta R.T. -0.029 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35



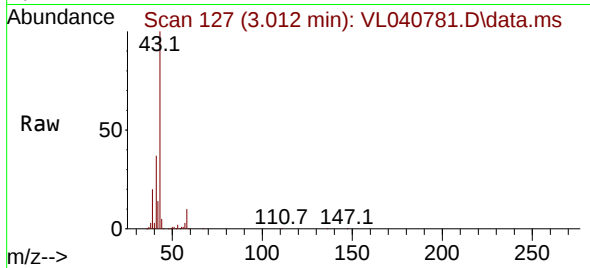
Tgt Ion: 43 Resp: 1601616
Ion Ratio Lower Upper
43 100
58 26.5 21.6 32.4





#16
1,3-Butadiene
Concen: 1.886 ppbv
RT: 3.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

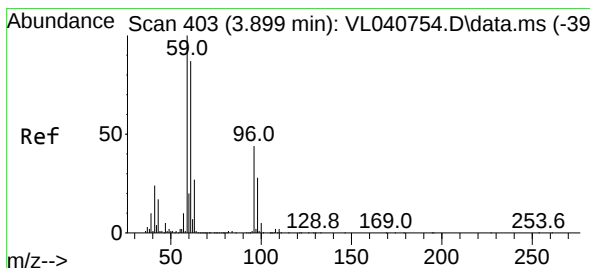
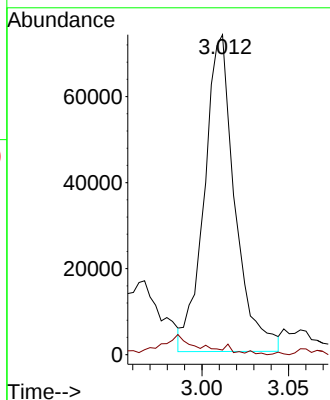
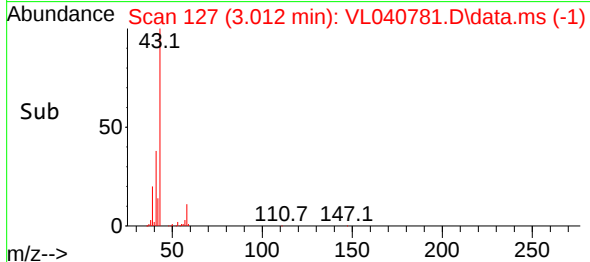
Instrument :
MSVOA_L
ClientSampleId :
IA1



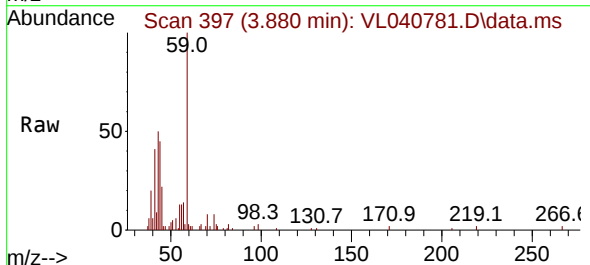
Tgt Ion: 39 Resp: 9026
Ion Ratio Lower Upper
39 100
54 0.0 63.0 94.6

Manual Integrations
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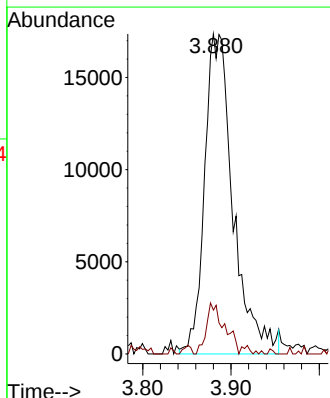
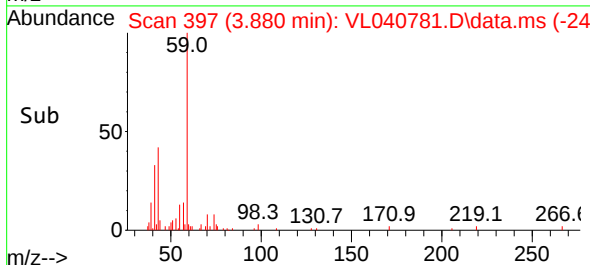
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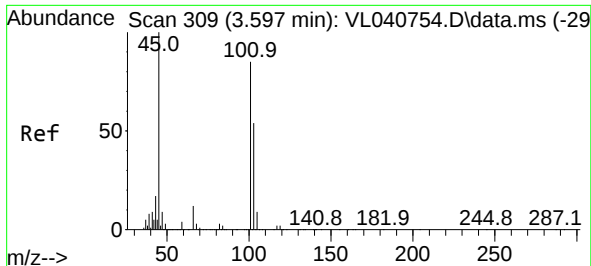


#17
tert-Butyl alcohol
Concen: 0.417 ppbv m
RT: 3.880 min Scan# 397
Delta R.T. -0.019 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35



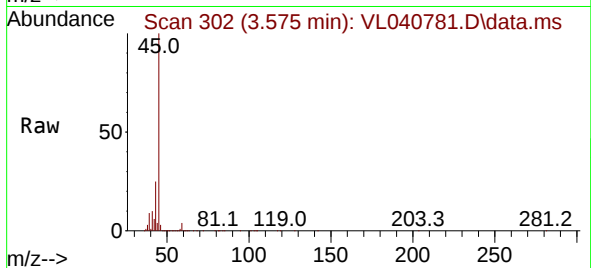
Tgt Ion: 59 Resp: 39045
Ion Ratio Lower Upper
59 100
57 51.0 8.6 13.0





#19
Isopropyl Alcohol
Concen: 92.202 ppbv
RT: 3.575 min Scan# 309
Delta R.T. -0.022 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

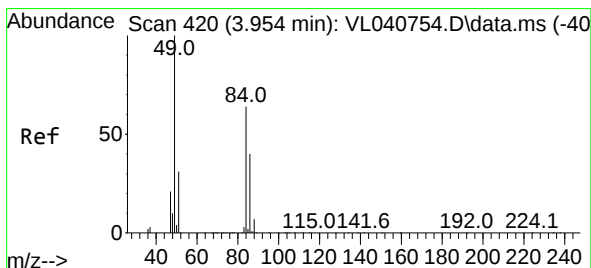
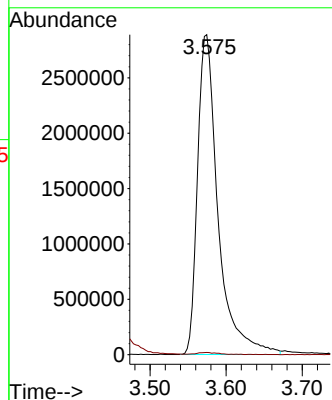
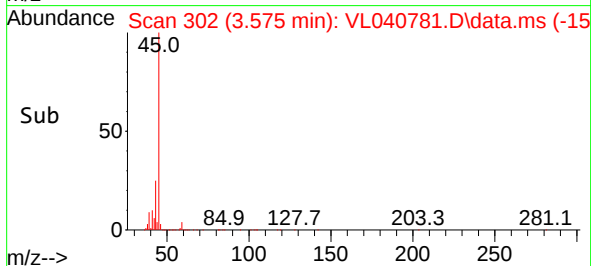
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 45 Resp: 541467
Ion Ratio Lower Upper
45 100
58 0.8 30.3 45.5

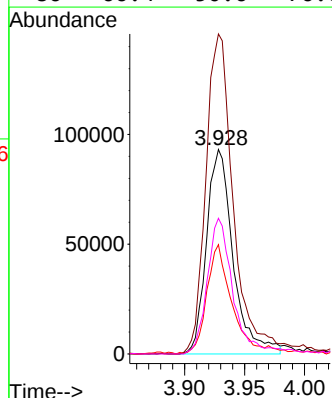
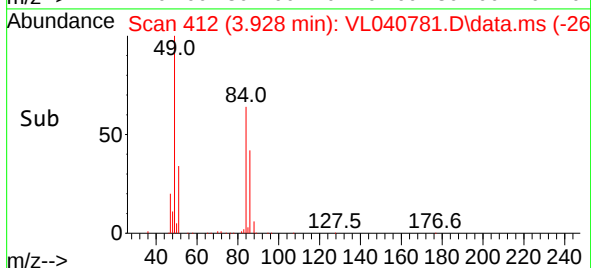
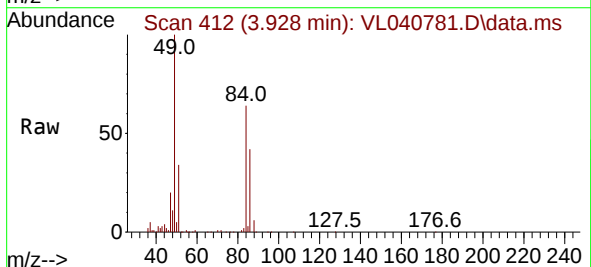
Manual Integrations
APPROVED

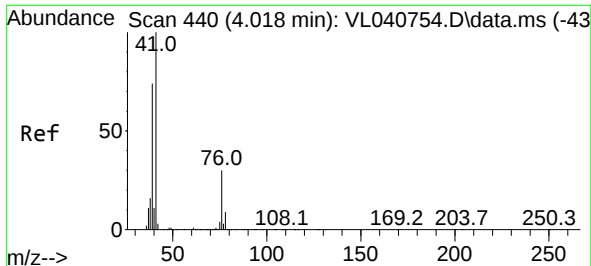
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#20
Methylene Chloride
Concen: 3.800 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.026 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

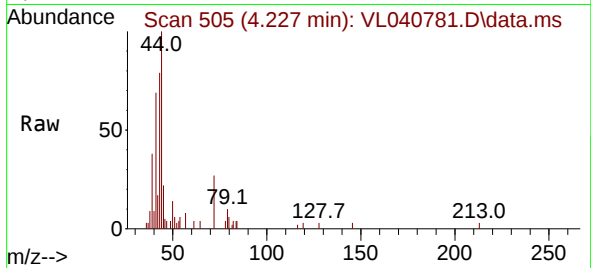
Tgt Ion: 84 Resp: 144398
Ion Ratio Lower Upper
84 100
49 156.5 125.6 188.4
51 52.6 38.9 58.3
86 66.4 50.6 76.0





#21
 Allyl Chloride
 Concen: 0.085 ppbv
 RT: 4.227 min Scan# 513
 Delta R.T. 0.209 min
 Lab File: VL040781.D
 Acq: 23 Oct 2023 16:35

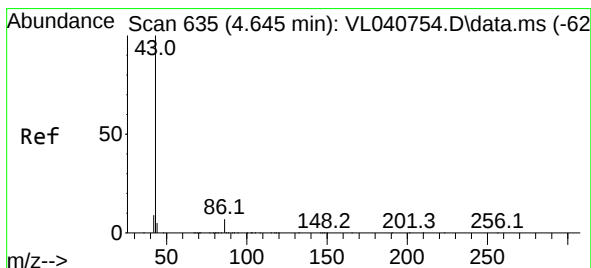
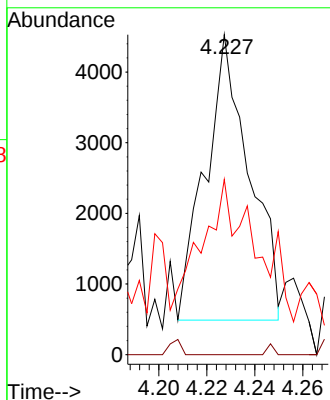
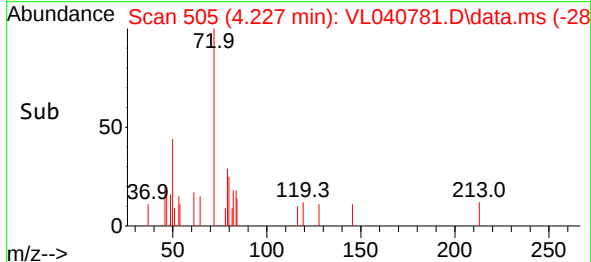
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1



Tgt Ion: 41 Resp: 513
 Ion Ratio Lower Upper
 41 100
 76 6.3 24.1 36.1
 39 0.0 63.8 95.6

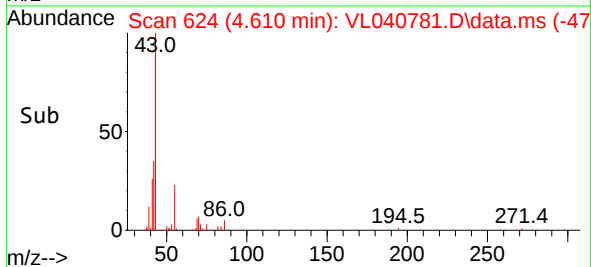
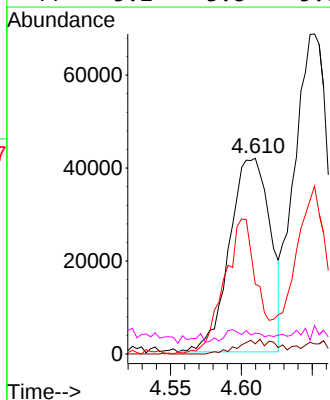
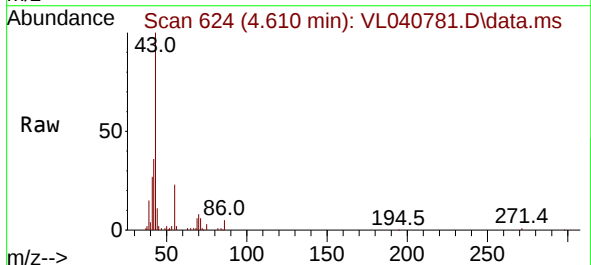
Manual Integrations
 APPROVED

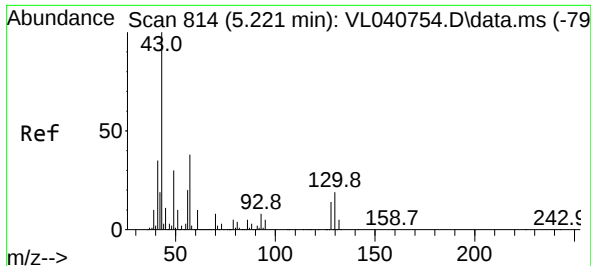
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#23
 Vinyl Acetate
 Concen: 0.715 ppbv
 RT: 4.610 min Scan# 624
 Delta R.T. -0.035 min
 Lab File: VL040781.D
 Acq: 23 Oct 2023 16:35

Tgt Ion: 43 Resp: 83070
 Ion Ratio Lower Upper
 43 100
 86 5.2 4.9 7.3
 42 35.1 7.8 11.6
 44 5.2 3.8 5.6





#25

Ethyl Acetate

Concen: 0.771 ppbv

RT: 5.198 min Scan# 807

Delta R.T. -0.022 min

Lab File: VL040781.D

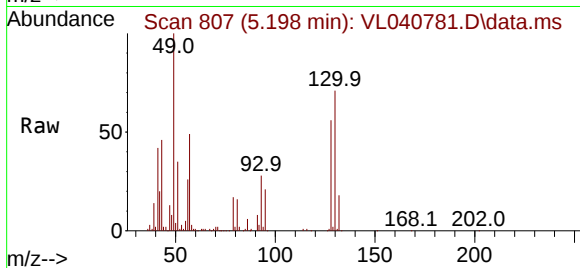
Acq: 23 Oct 2023 16:35

Instrument :

MSVOA_L

ClientSampleId :

IA1

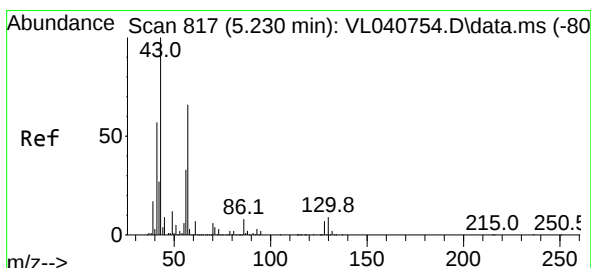
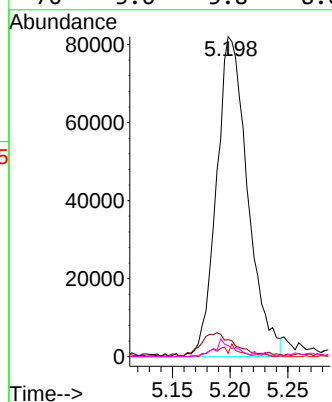
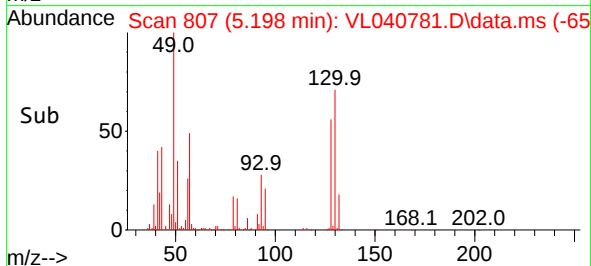


Tgt Ion: 43	Resp: 15405
Ion Ratio	Lower Upper
43	100
45	8.1 8.2 12.4
61	3.0 8.2 12.2
70	3.6 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#26

Hexane

Concen: 1.809 ppbv

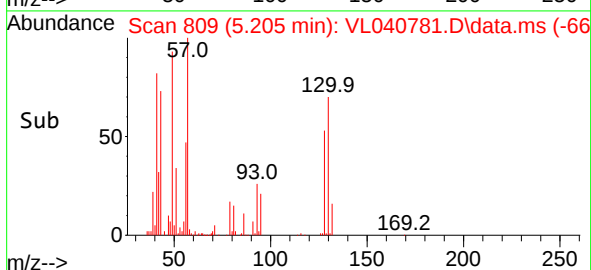
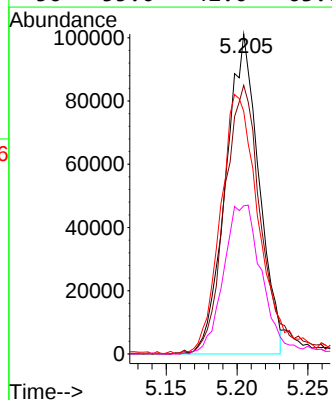
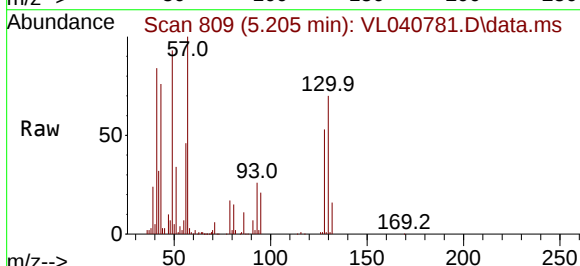
RT: 5.205 min Scan# 809

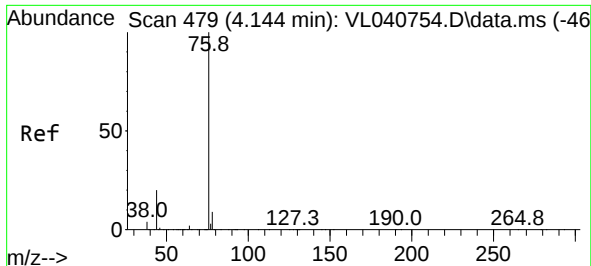
Delta R.T. -0.026 min

Lab File: VL040781.D

Acq: 23 Oct 2023 16:35

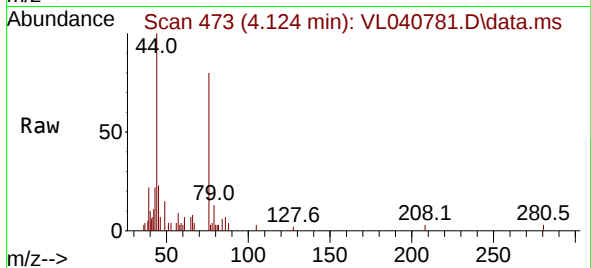
Tgt Ion: 57	Resp: 165253
Ion Ratio	Lower Upper
57	100
41	97.1 71.4 107.2
43	99.1 182.3 273.5
56	55.0 42.0 63.0





#27
Carbon Disulfide
Concen: 0.071 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

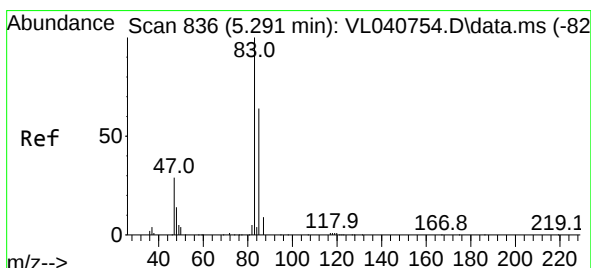
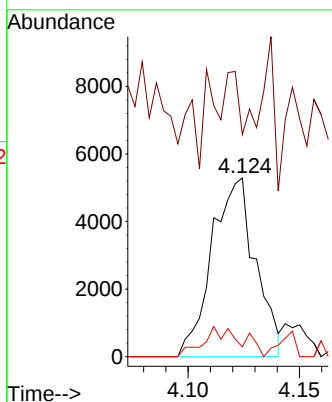
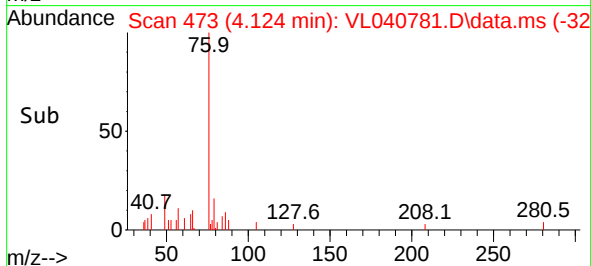
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 76 Resp: 720
Ion Ratio Lower Upper
76 100
44 67.1 16.6 25.0
78 23.4 7.8 11.6

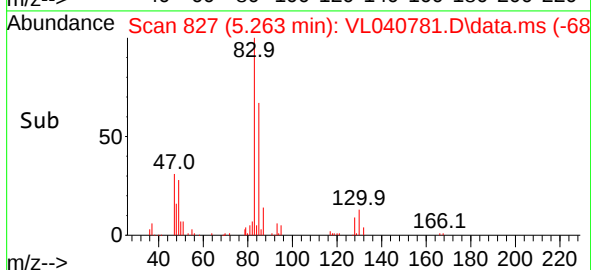
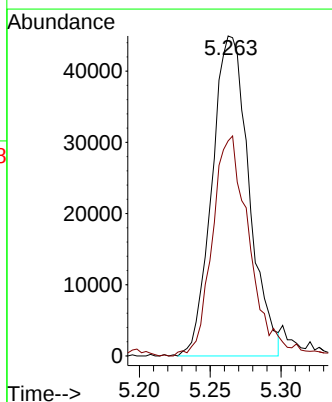
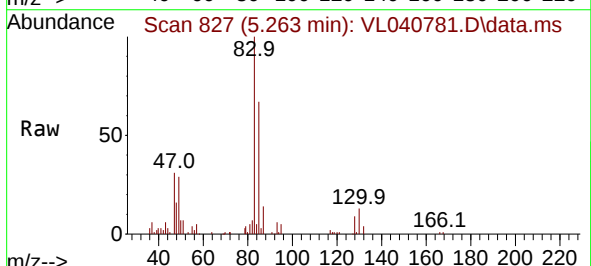
Manual Integrations
APPROVED

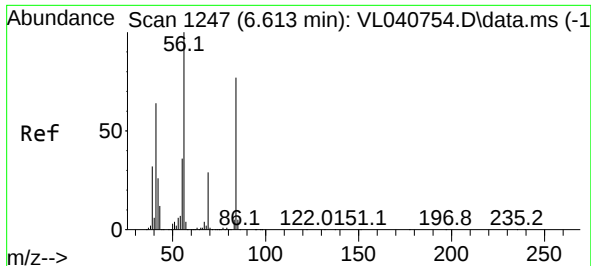
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#29
Chloroform
Concen: 0.619 ppbv
RT: 5.263 min Scan# 827
Delta R.T. -0.029 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

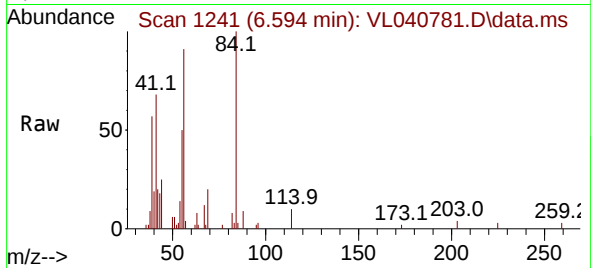
Tgt Ion: 83 Resp: 81841
Ion Ratio Lower Upper
83 100
85 66.0 51.3 76.9





#30
Cyclohexane
Concen: 0.188 ppbv m
RT: 6.594 min Scan# 1053
Delta R.T. -0.019 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

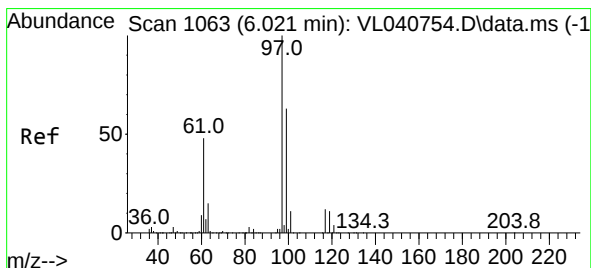
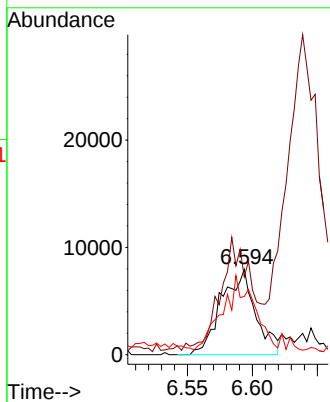
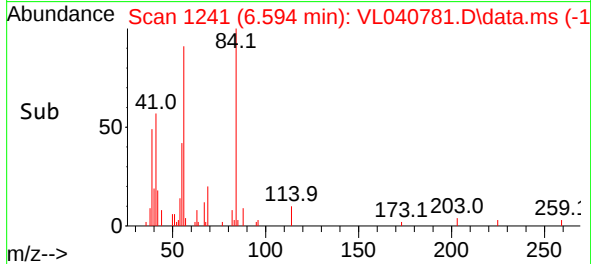
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 84 Resp: 14589
Ion Ratio Lower Upper
84 100
56 109.9 110.3 165.5
41 91.0 67.4 101.2

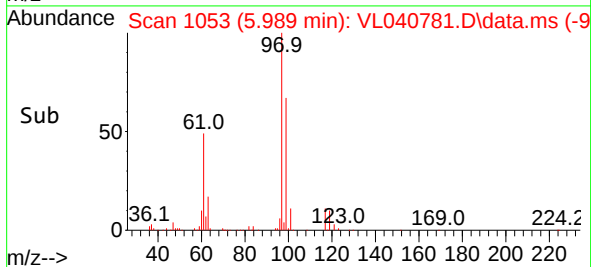
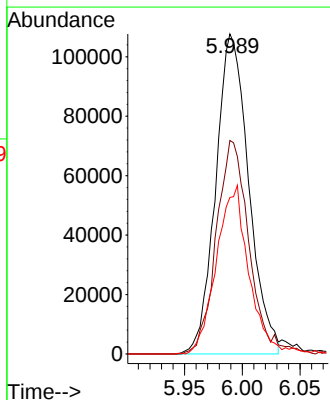
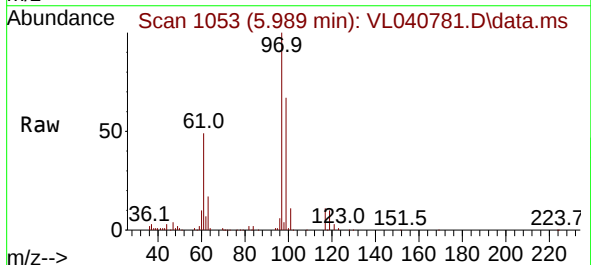
Manual Integrations
APPROVED

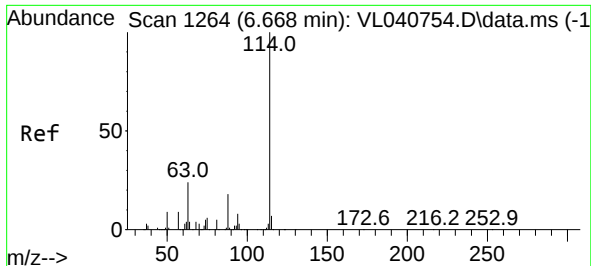
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#32
1,1,1-Trichloroethane
Concen: 1.521 ppbv
RT: 5.989 min Scan# 1053
Delta R.T. -0.032 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

Tgt Ion: 97 Resp: 213998
Ion Ratio Lower Upper
97 100
99 66.8 51.8 77.6
61 52.2 38.6 58.0





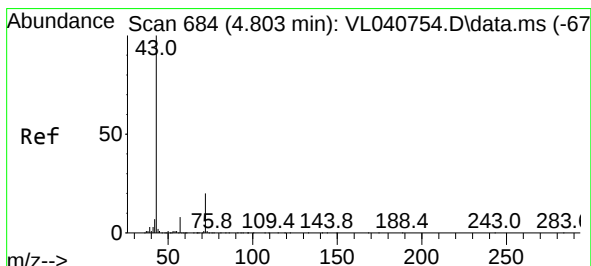
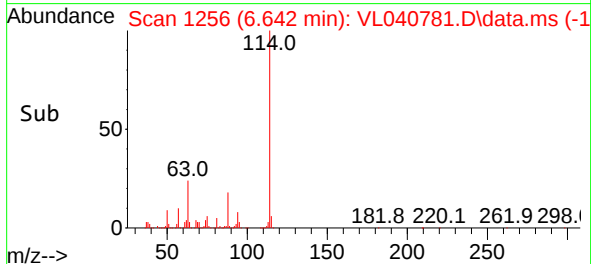
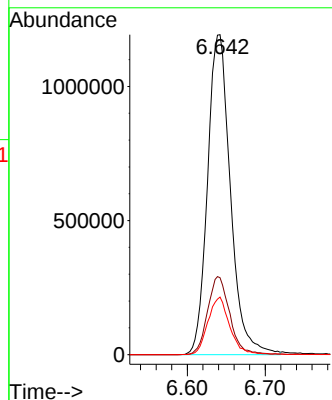
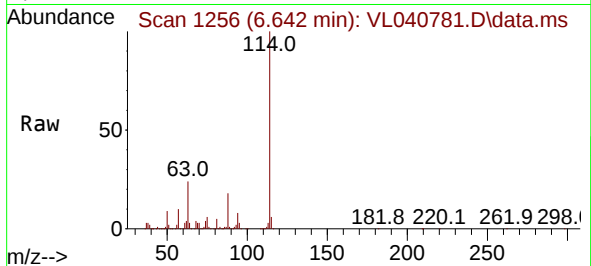
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 114
Delta R.T. -0.026 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:114 Resp: 243786
Ion Ratio Lower Upper
114 100
63 23.8 19.8 29.6
88 17.3 14.2 21.2

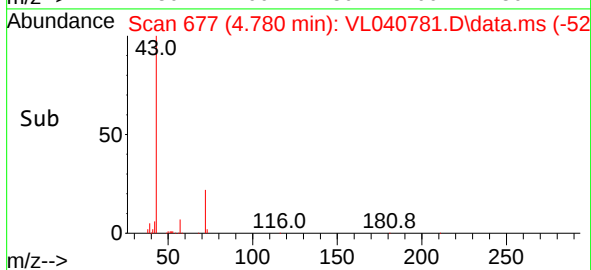
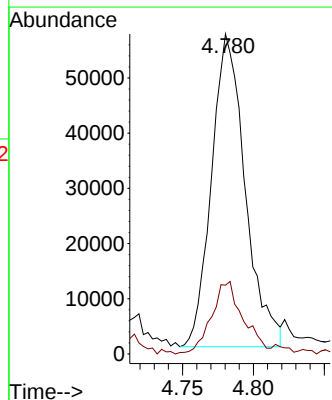
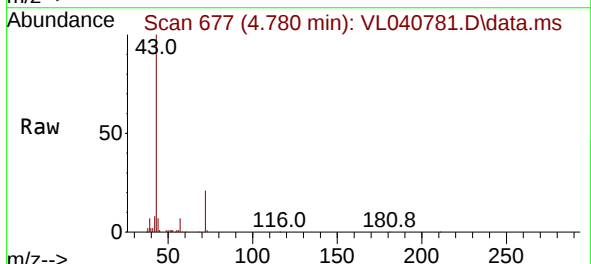
Manual Integrations
APPROVED

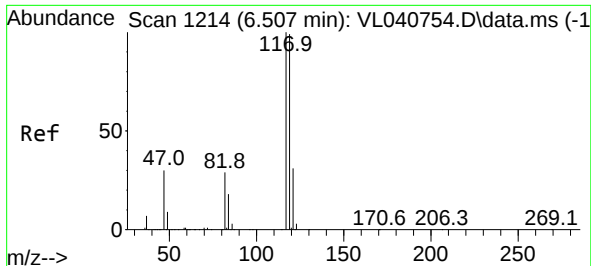
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#34
2-Butanone
Concen: 0.848 ppbv
RT: 4.780 min Scan# 677
Delta R.T. -0.022 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

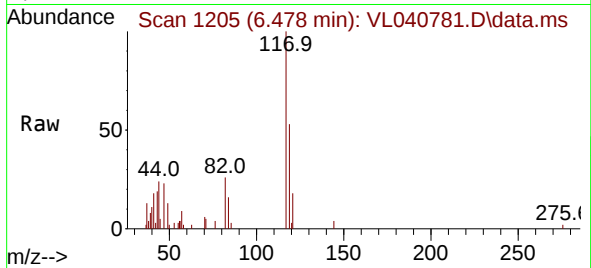
Tgt Ion: 43 Resp: 93600
Ion Ratio Lower Upper
43 100
72 24.1 16.8 25.2





#35
Carbon Tetrachloride
Concen: 0.087 ppbv m
RT: 6.478 min Scan# 1188
Delta R.T. -0.029 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

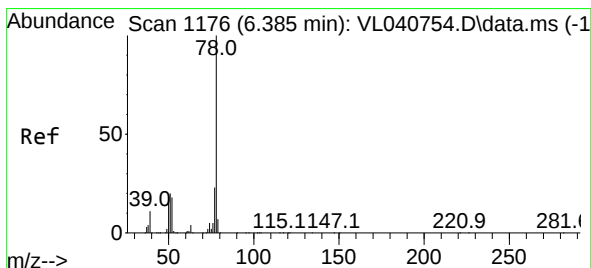
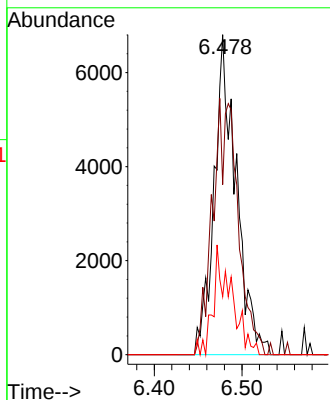
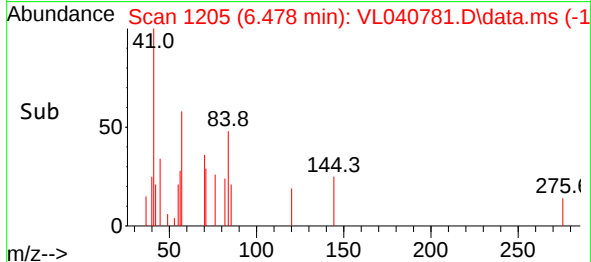
Instrument :
MSVOA_L
ClientSampleId :
IA1



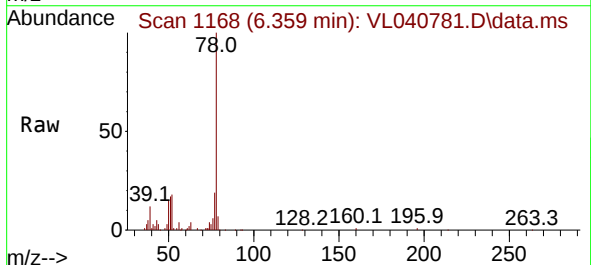
Tgt Ion:117 Resp: 11880
Ion Ratio Lower Upper
117 100
119 53.2 79.4 119.0
121 18.2 25.0 37.4

Manual Integrations
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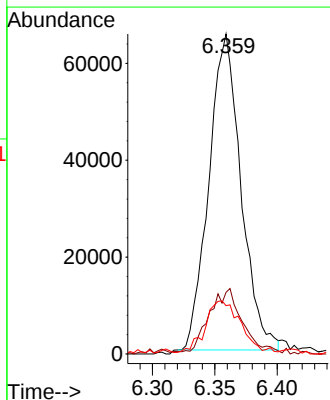
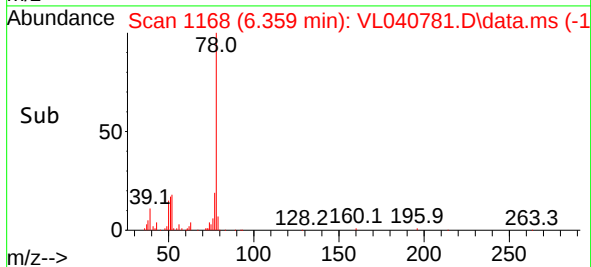
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

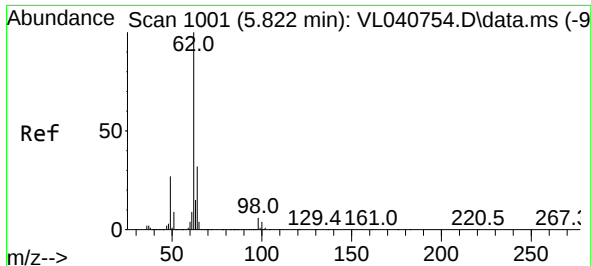


#36
Benzene
Concen: 0.625 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.026 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35



Tgt Ion: 78 Resp: 117251
Ion Ratio Lower Upper
78 100
77 18.7 18.4 27.6
50 14.8 15.0 22.4





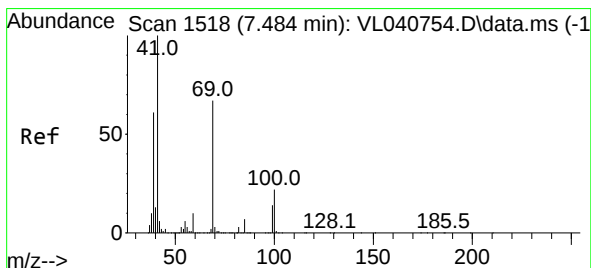
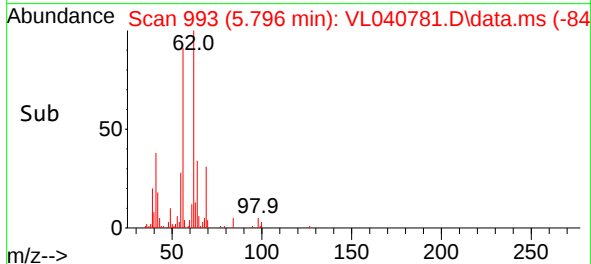
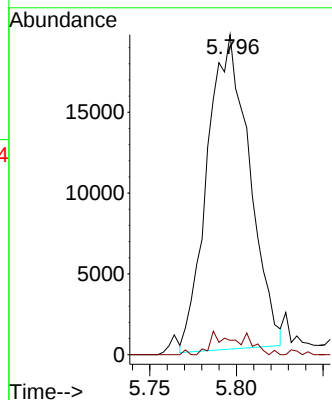
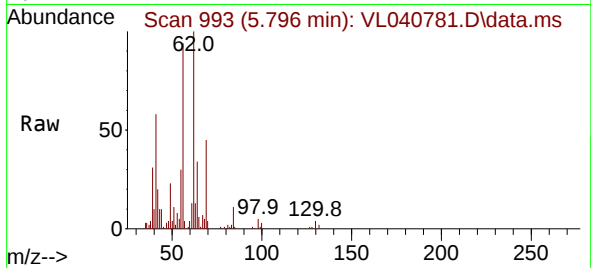
#37
1,2-Dichloroethane
Concen: 0.343 ppbv
RT: 5.796 min Scan# 993
Delta R.T. -0.026 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 62 Resp: 3296
Ion Ratio Lower Upper
62 100
98 6.1 5.4 8.0

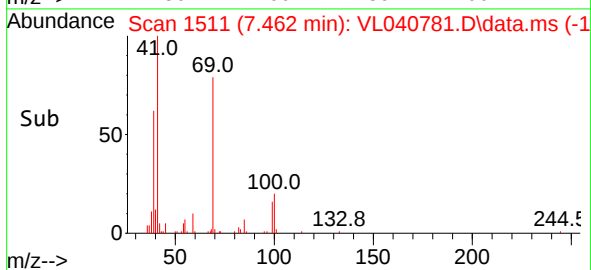
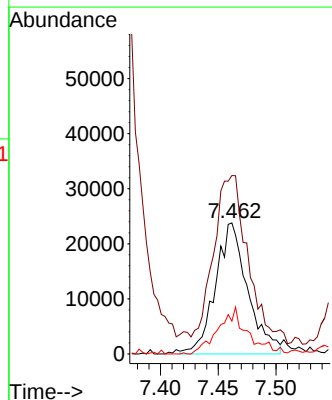
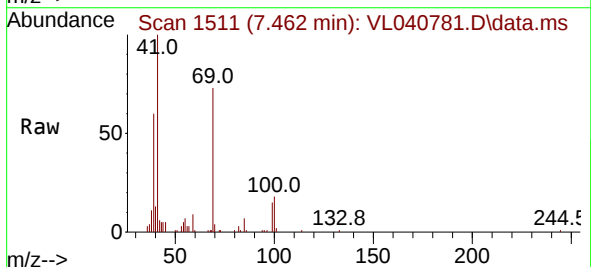
Manual Integrations
APPROVED

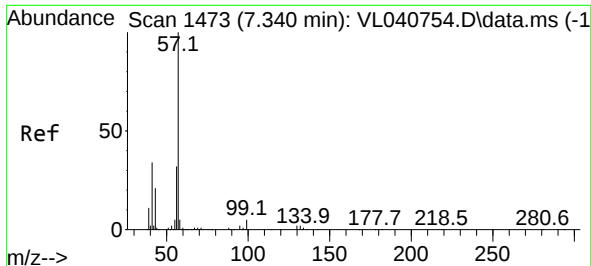
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#43
Methyl Methacrylate
Concen: 0.616 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. -0.022 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

Tgt Ion: 69 Resp: 46252
Ion Ratio Lower Upper
69 100
41 160.5 120.6 181.0
100 32.3 27.1 40.7





#44

2,2,4-Trimethylpentane

Concen: 0.505 ppbv m

RT: 7.307 min Scan# 1473

Delta R.T. -0.032 min

Lab File: VL040781.D

Acq: 23 Oct 2023 16:35

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 57 Resp: 16017

Ion Ratio Lower Upper

57 100

41 0.0 27.4 41.0

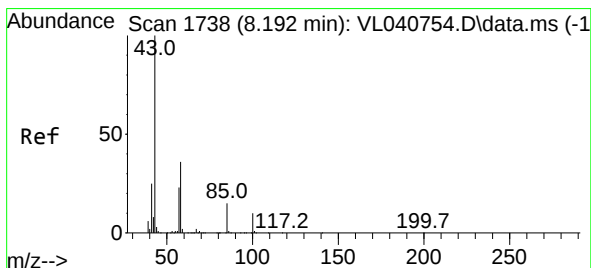
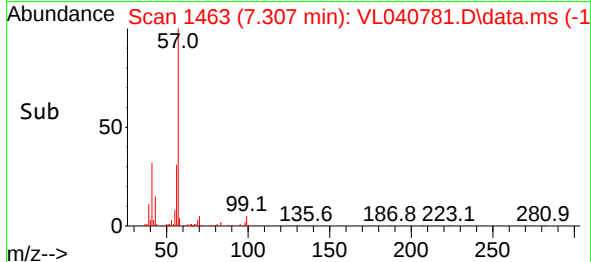
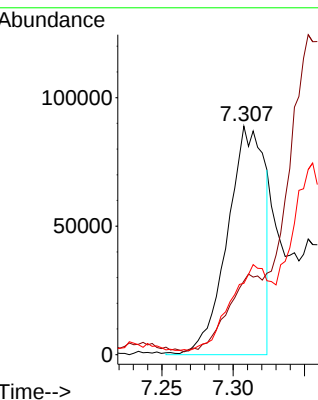
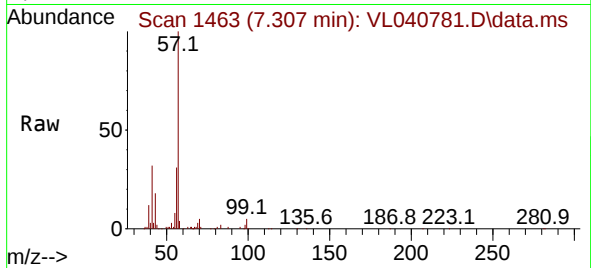
56 0.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#50

4-Methyl-2-Pentanone

Concen: 0.612 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. -0.013 min

Lab File: VL040781.D

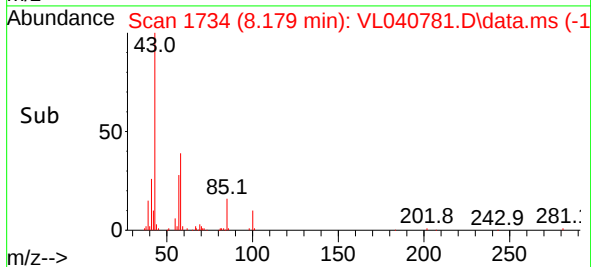
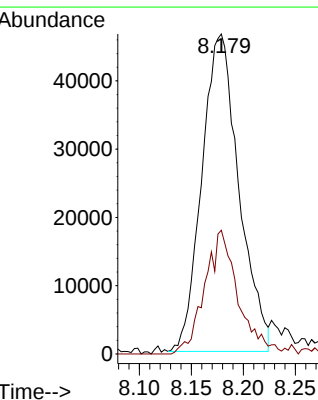
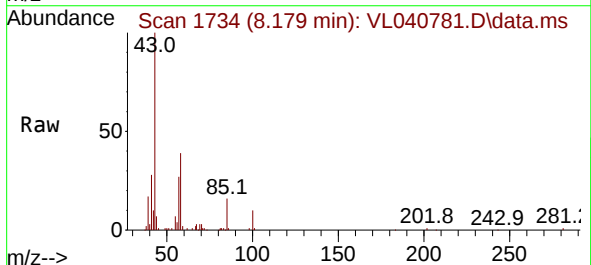
Acq: 23 Oct 2023 16:35

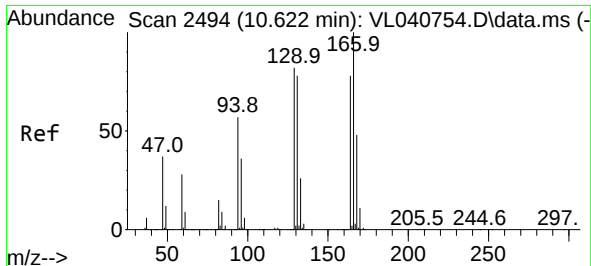
Tgt Ion: 43 Resp: 115501

Ion Ratio Lower Upper

43 100

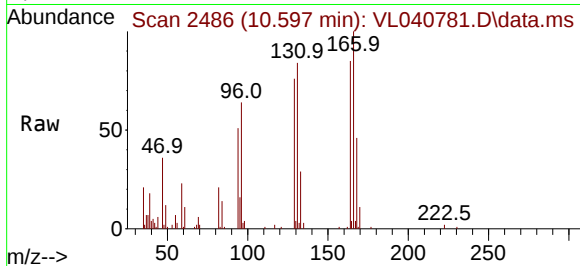
58 35.5 28.8 43.2





#52
Tetrachloroethene
Concen: 0.359 ppbv
RT: 10.597 min Scan# 2494
Delta R.T. -0.026 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

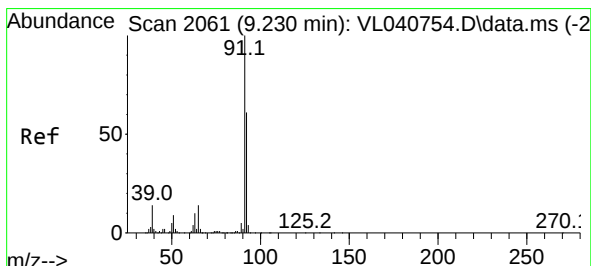
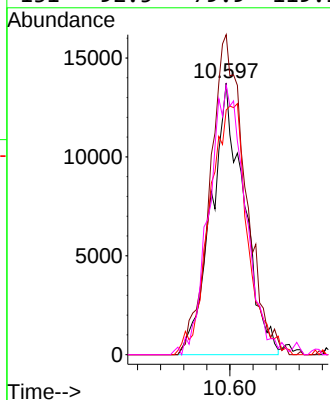
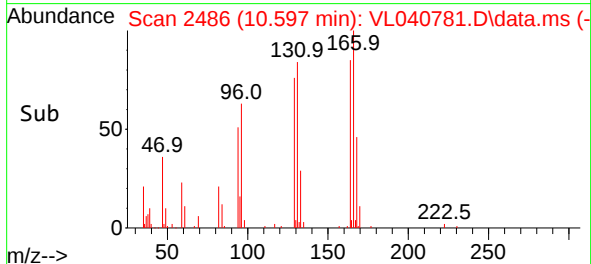
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:164 Resp: 27314
Ion Ratio Lower Upper
164 100
166 112.4 102.4 153.6
129 84.4 84.2 126.4
131 92.5 79.9 119.9

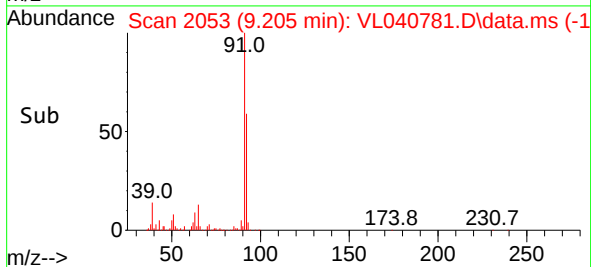
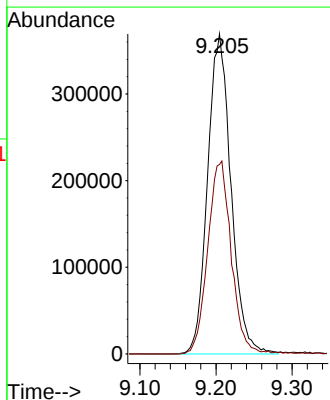
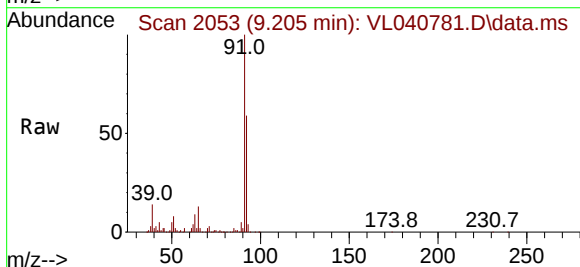
Manual Integrations
APPROVED

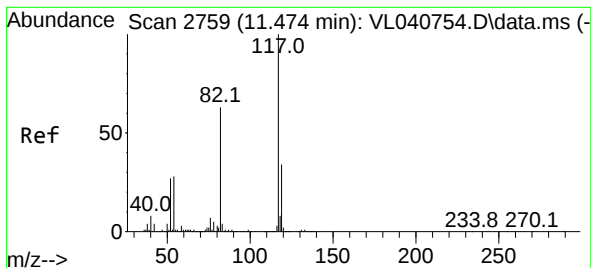
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#53
Toluene
Concen: 3.534 ppbv
RT: 9.205 min Scan# 2053
Delta R.T. -0.026 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

Tgt Ion: 91 Resp: 788622
Ion Ratio Lower Upper
91 100
92 60.8 50.2 75.2





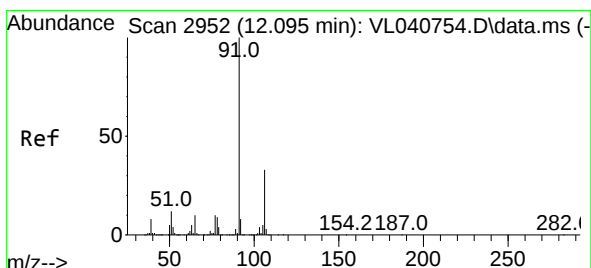
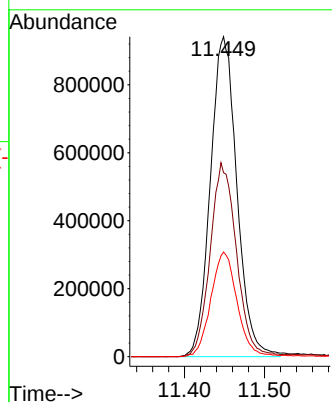
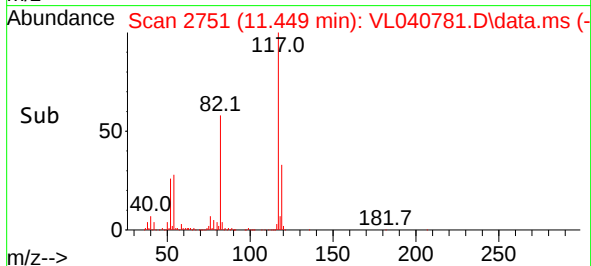
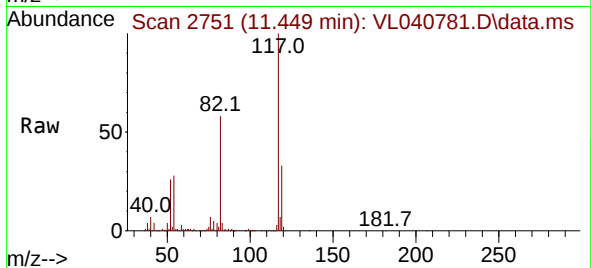
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:117 Resp: 217062
Ion Ratio Lower Upper
117 100
82 61.3 46.6 70.0
119 32.8 26.0 39.0

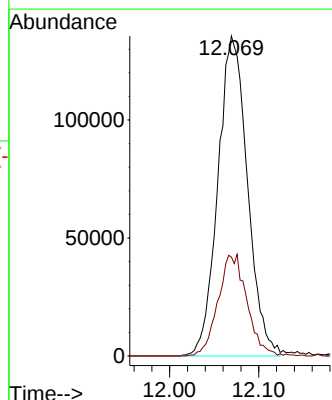
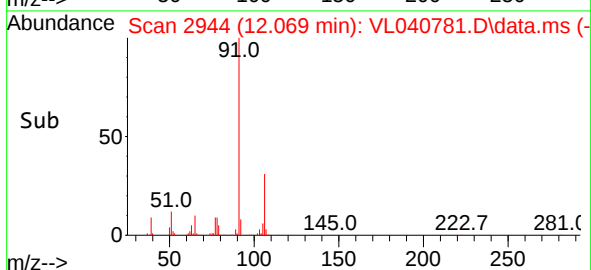
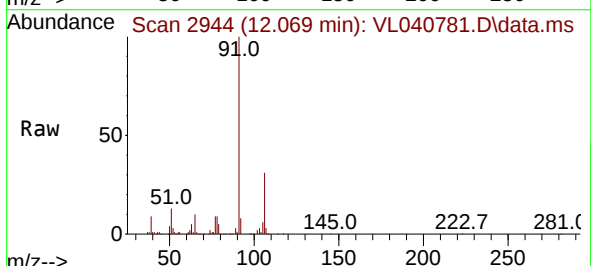
Manual Integrations
APPROVED

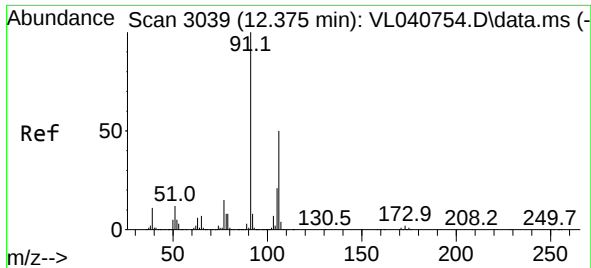
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#58
Ethyl Benzene
Concen: 1.145 ppbv
RT: 12.069 min Scan# 2944
Delta R.T. -0.026 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

Tgt Ion: 91 Resp: 312910
Ion Ratio Lower Upper
91 100
106 30.9 26.7 40.1





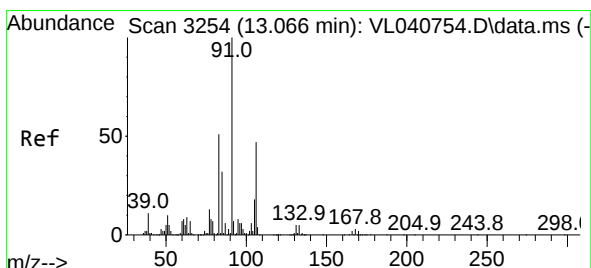
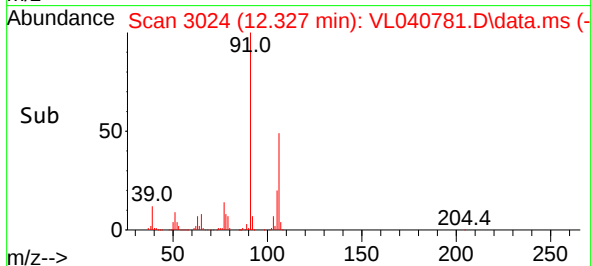
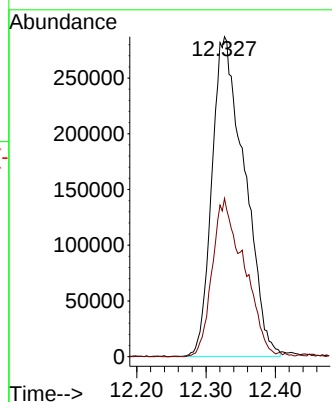
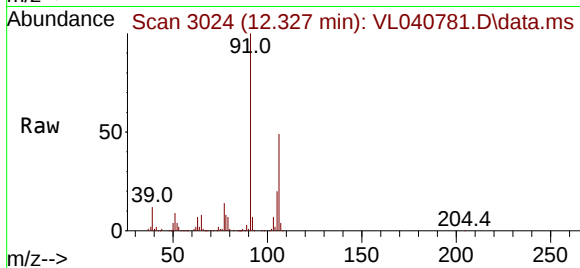
#59
m/p-Xylene
Concen: 4.156 ppbv
RT: 12.327 min Scan# 3039
Delta R.T. -0.048 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp: 934918
Ion Ratio Lower Upper
91 100
106 49.1 37.7 56.5

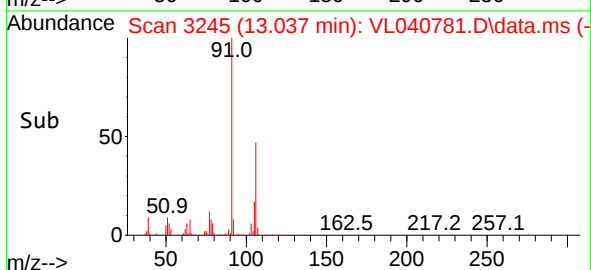
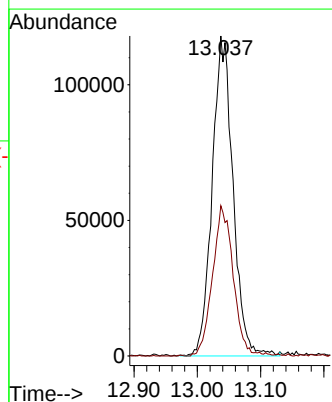
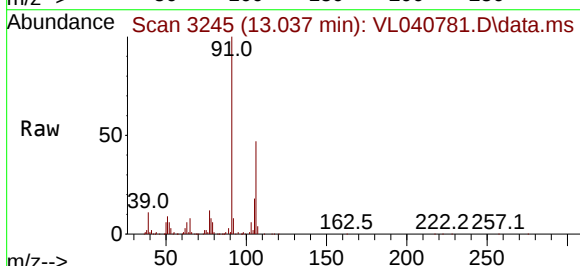
Manual Integrations
APPROVED

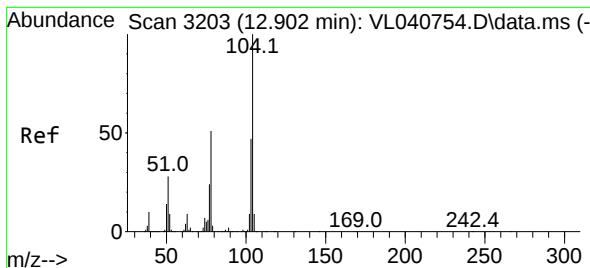
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#60
o-Xylene
Concen: 1.258 ppbv m
RT: 13.037 min Scan# 3245
Delta R.T. -0.029 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

Tgt Ion: 91 Resp: 269590
Ion Ratio Lower Upper
91 100
106 47.1 23.5 70.5





#61

Styrene

Concen: 0.123 ppbv m

RT: 12.883 min Scan# 3197

Delta R.T. -0.019 min

Lab File: VL040781.D

Acq: 23 Oct 2023 16:35

Instrument :

MSVOA_L

ClientSampleId :

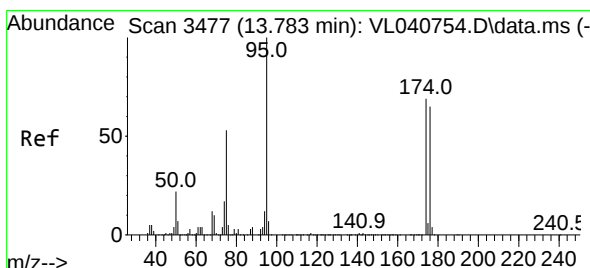
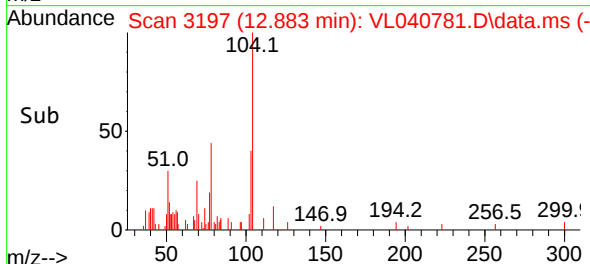
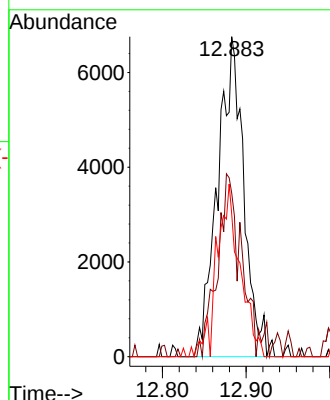
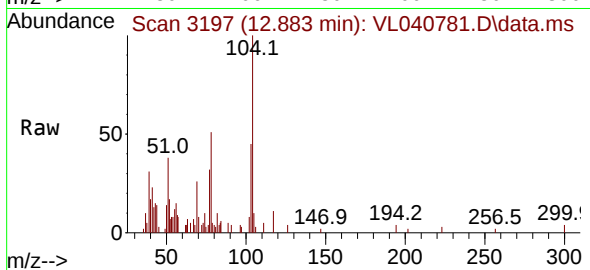
IA1

Tgt Ion:104 Resp: 14644
 Ion Ratio Lower Upper
 104 100
 78 0.0 39.8 59.6
 103 0.0 37.5 56.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 10.213 ppbv

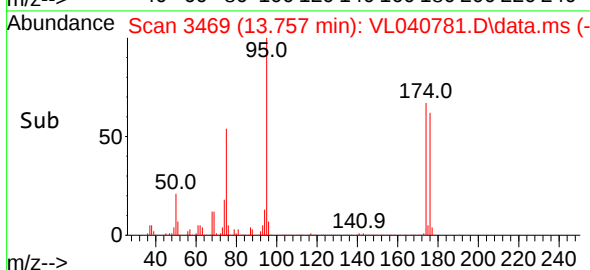
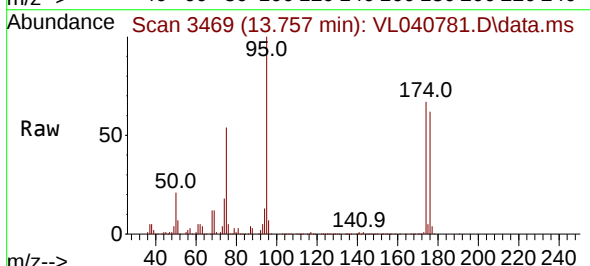
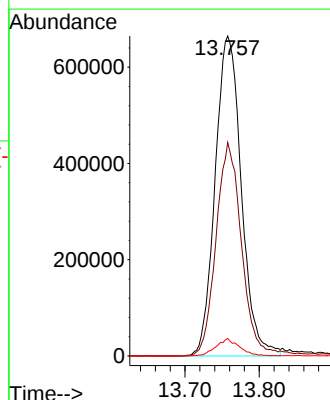
RT: 13.757 min Scan# 3469

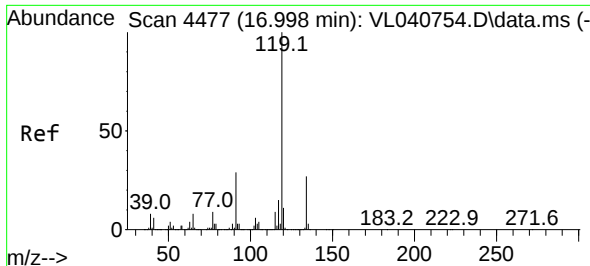
Delta R.T. -0.026 min

Lab File: VL040781.D

Acq: 23 Oct 2023 16:35

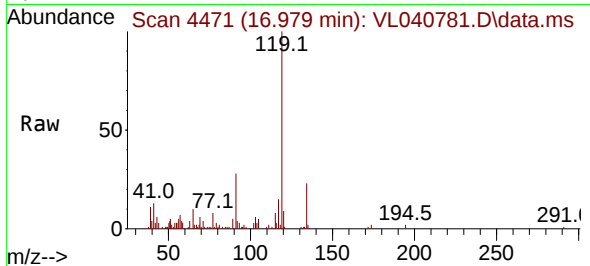
Tgt Ion: 95 Resp: 1631149
 Ion Ratio Lower Upper
 95 100
 174 65.5 54.7 82.1
 175 4.9 4.2 6.4





#69
p-Isopropyltoluene
Concen: 0.182 ppbv m
RT: 16.979 min Scan# 4477
Delta R.T. -0.019 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

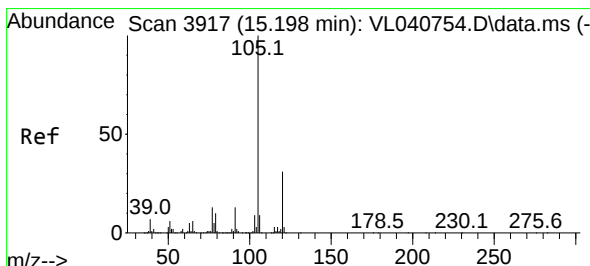
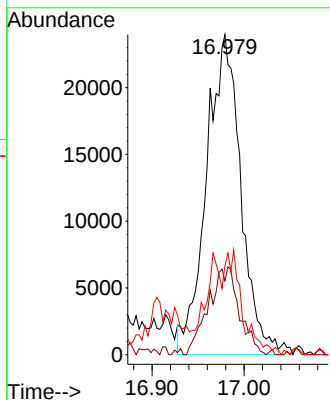
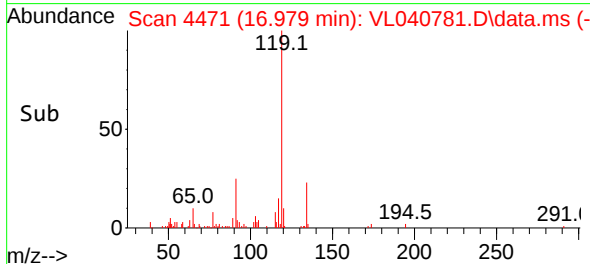
Instrument :
MSVOA_L
ClientSampleId :
IA1



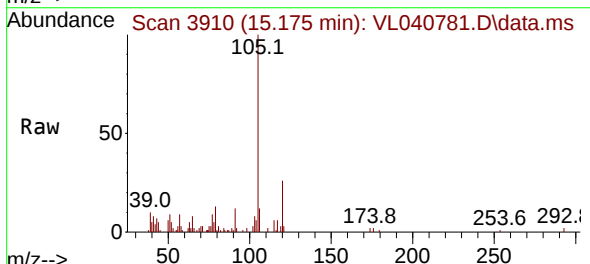
Tgt Ion:119 Resp: 62083
Ion Ratio Lower Upper
119 100
134 0.0 21.0 31.4
91 0.0 22.8 34.2

Manual Integrations
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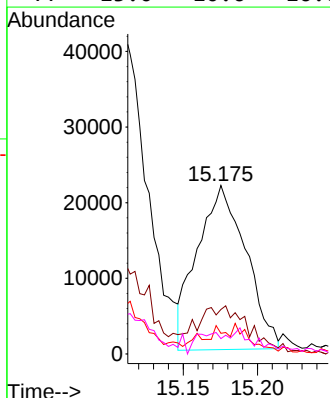
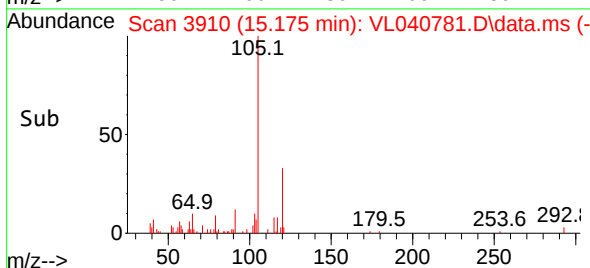
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

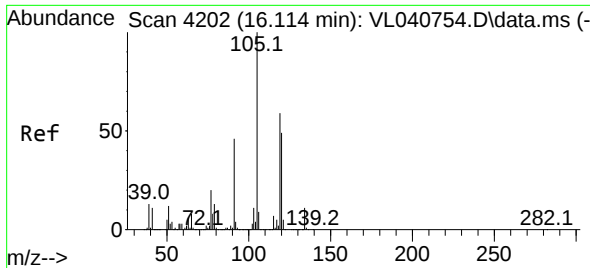


#72
4-Ethyltoluene
Concen: 0.197 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.022 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35



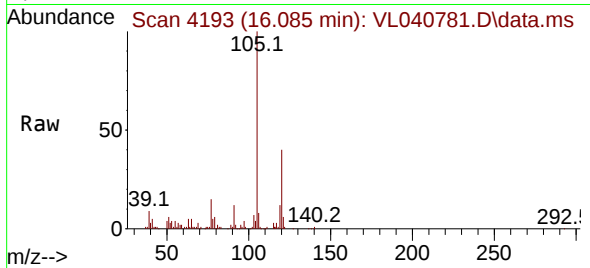
Tgt Ion:105 Resp: 49441
Ion Ratio Lower Upper
105 100
120 33.4 25.0 37.4
91 16.1 9.8 14.8
77 13.0 10.6 16.0





#74
1,2,4-Trimethylbenzene
Concen: 0.689 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.029 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

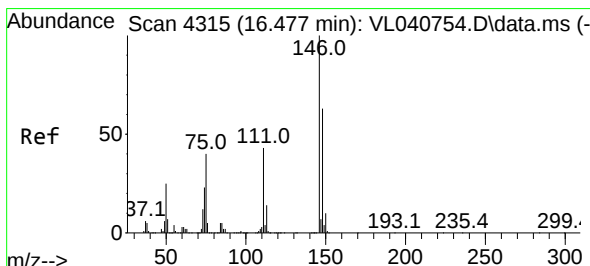
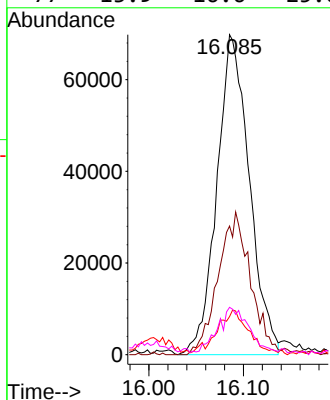
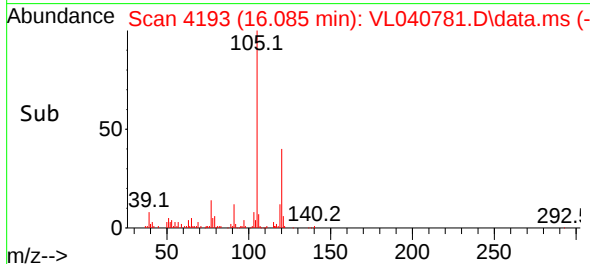
Instrument :
MSVOA_L
ClientSampleId :
IA1



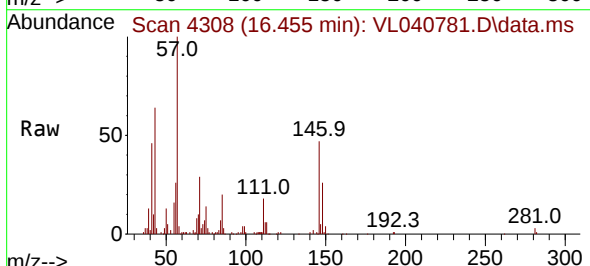
Tgt Ion:105 Resp: 16635
Ion Ratio Lower Upper
105 100
120 40.3 39.4 59.2
91 11.2 38.6 58.0
77 13.9 16.6 25.0#

Manual Integrations
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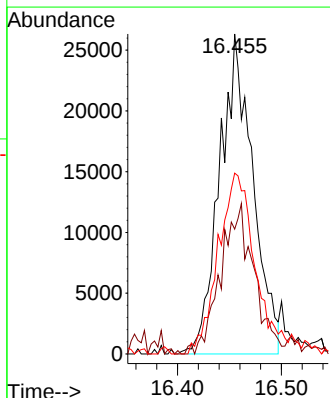
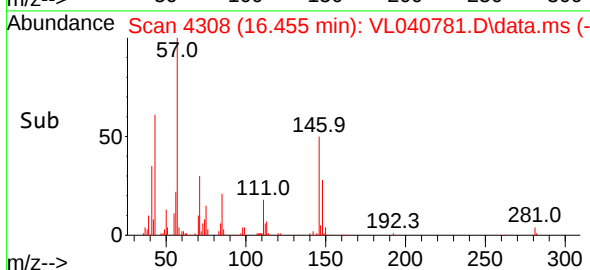
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

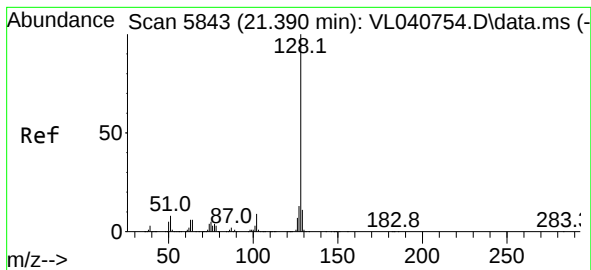


#76
1,4-Dichlorobenzene
Concen: 0.392 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.022 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35



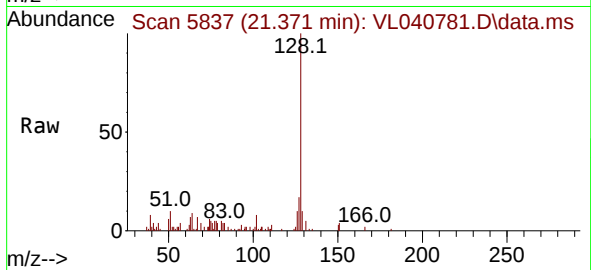
Tgt Ion:146 Resp: 58246
Ion Ratio Lower Upper
146 100
111 50.6 22.0 66.0
148 65.1 33.4 100.1





#79
Naphthalene
Concen: 0.321 ppbv m
RT: 21.371 min Scan# 5837
Delta R.T. -0.019 min
Lab File: VL040781.D
Acq: 23 Oct 2023 16:35

Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:128 Resp: 62933
Ion Ratio Lower Upper
128 100
127 16.9 10.6 15.8
129 10.5 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

