

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040741.D
 Acq On : 4 Oct 2023 15:34
 Operator : SY/MD
 Sample : QC100323 CAN 10333
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC100323 CAN 10333

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 04:27:22 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.189	49	1174027	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3240372	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	2724868	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1962350	9.321	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.742	85	26457	0.102	ppbv	89
3) Chlorodifluoromethane	2.684	51	20287	0.106	ppbv	100
4) Chloromethane	2.822	50	8749	0.119	ppbv	91
5) Vinyl Chloride	2.928	62	5759	0.067	ppbv #	76
7) Chloroethane	3.202	64	3487m	0.117	ppbv	
8) Dichlorotetrafluoroethane	2.870	85	22598	0.106	ppbv	98
9) Propene	2.703	41	11584	0.210	ppbv	95
13) Ethanol	3.259	45	4820m	0.296	ppbv	
15) Acetone	3.497	43	40091	0.259	ppbv #	77
16) 1,3-Butadiene	2.996	39	7277	0.108	ppbv	84
17) tert-Butyl alcohol	3.909	59	18085m	0.114	ppbv	
18) 1,1-Dichloroethene	3.883	96	7707	0.107	ppbv #	71
19) Isopropyl Alcohol	3.616	45	10452m	0.112	ppbv	
20) Methylene Chloride	3.938	84	75426	0.905	ppbv	91
21) Allyl Chloride	3.999	41	11246m	0.118	ppbv	
22) trans-1,2-Dichloroethene	4.452	96	7638m	0.107	ppbv	
23) Vinyl Acetate	4.645	43	22831m	0.143	ppbv	
24) 1,1-Dichloroethane	4.562	63	15598m	0.104	ppbv	
25) Ethyl Acetate	5.214	43	51069	0.204	ppbv #	94
26) Hexane	5.205	57	48113	0.407	ppbv #	55
28) Methyl tert-Butyl Ether	4.600	73	12449m	0.123	ppbv	
29) Chloroform	5.269	83	22907	0.112	ppbv	98
30) Cyclohexane	6.587	84	9535m	0.107	ppbv	
31) cis-1,2-Dichloroethene	5.073	61	11196	0.102	ppbv	93
32) 1,1,1-Trichloroethane	5.992	97	19271m	0.092	ppbv	
34) 2-Butanone	4.809	43	19583m	0.120	ppbv	
35) Carbon Tetrachloride	6.478	117	17234m	0.077	ppbv	
36) Benzene	6.362	78	29597m	0.123	ppbv	
38) Trichloroethene	7.279	130	10763m	0.118	ppbv	
39) 1,2-Dichloropropane	7.066	63	13608m	0.147	ppbv	
40) 1,4-Dioxane	7.343	88	4299m	0.123	ppbv	
41) Tetrahydrofuran	5.591	42	9796m	0.117	ppbv	
44) 2,2,4-Trimethylpentane	7.317	57	38480m	0.101	ppbv	
47) 1,1,2-Trichloroethane	8.886	97	12157m	0.115	ppbv	
52) Tetrachloroethene	10.594	164	10384m	0.133	ppbv	
53) Toluene	9.211	91	26535m	0.105	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.487	131	13497m	0.104	ppbv	
57) Chlorobenzene	11.503	112	26245m	0.127	ppbv	
59) m/p-Xylene	12.356	91	45903m	0.157	ppbv	
62) Isopropylbenzene	14.018	105	42304m	0.101	ppbv	
80) Naphthalene,2-methyl-	24.419	142	609	0.012	ppbv #	78

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

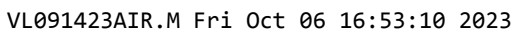
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

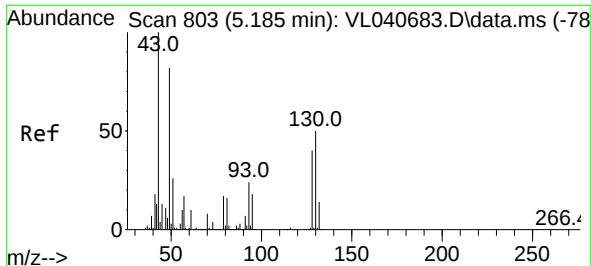
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Manual Integrations

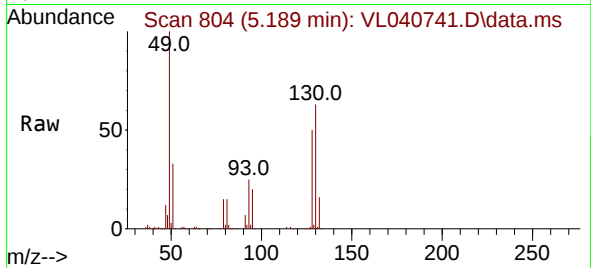
Quant Time: Oct 05 04:27:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 803
Delta R.T. -0.009 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

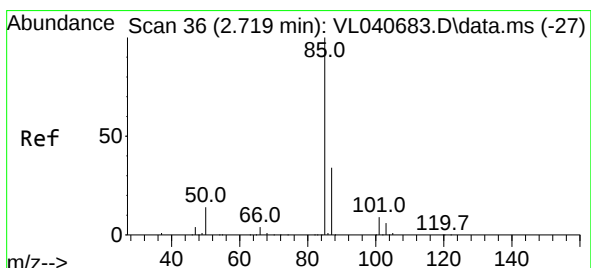
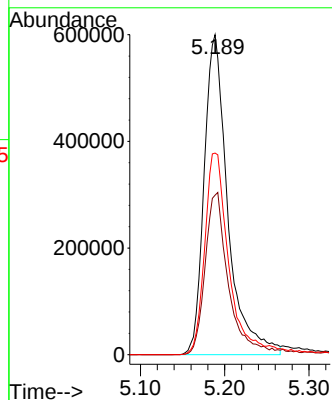
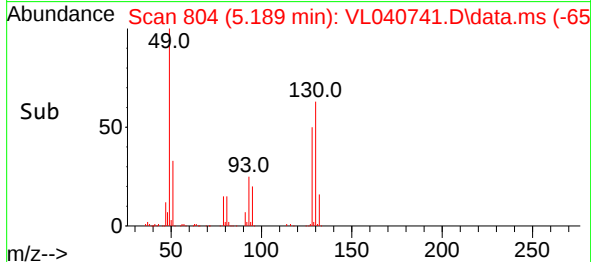
Instrument : MSVOA_L
ClientSampleId : QC100323 CAN 10333



Tgt Ion: 49 Resp: 117402
Ion Ratio Lower Upper
49 100
128 51.5 25.4 76.0
130 67.1 32.3 96.8

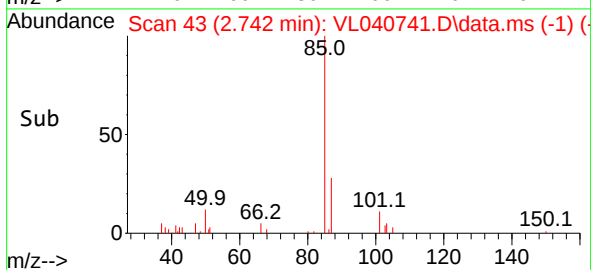
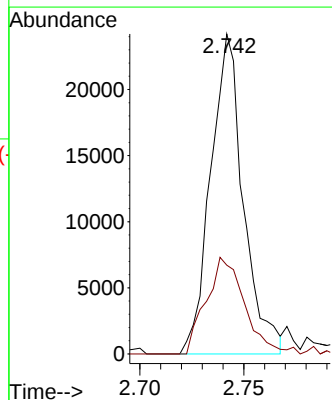
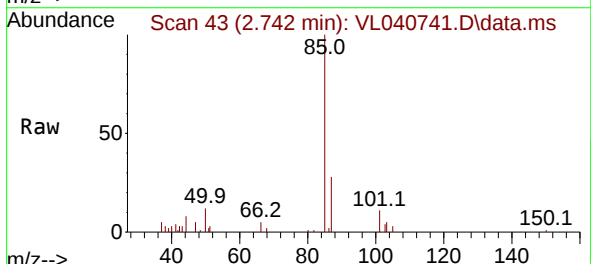
Manual Integrations
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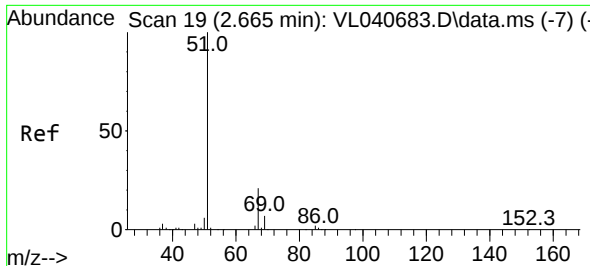
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#2
Dichlorodifluoromethane
Concen: 0.102 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.010 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

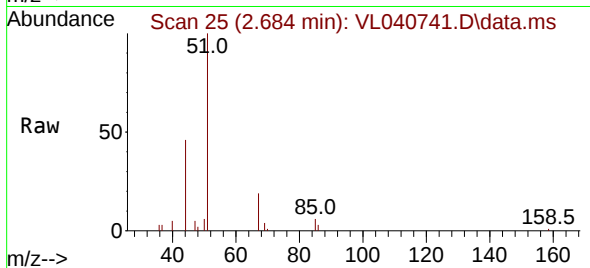
Tgt Ion: 85 Resp: 26457
Ion Ratio Lower Upper
85 100
87 27.8 27.2 40.8





#3
Chlorodifluoromethane
Concen: 0.106 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

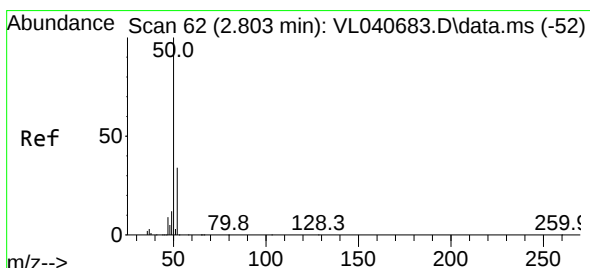
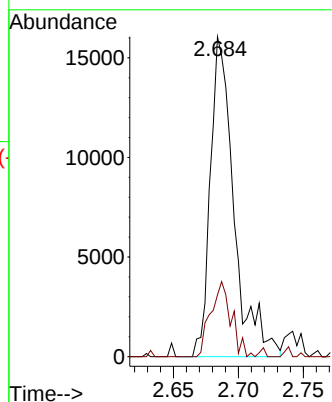
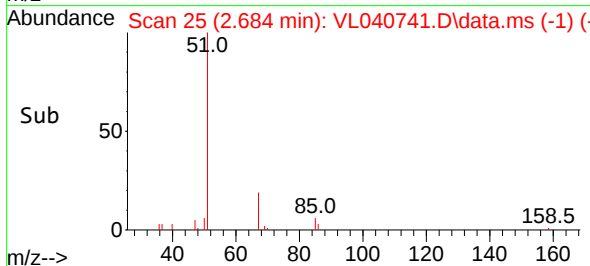
Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333



Tgt Ion: 51 Resp: 2028
Ion Ratio Lower Upper
51 100
67 21.0 16.7 25.1

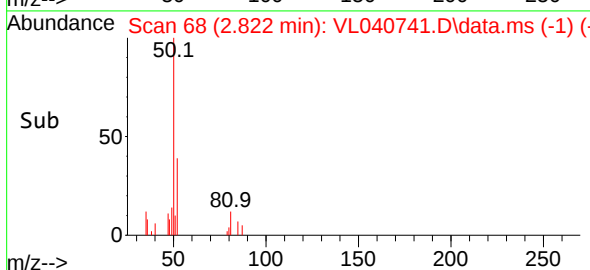
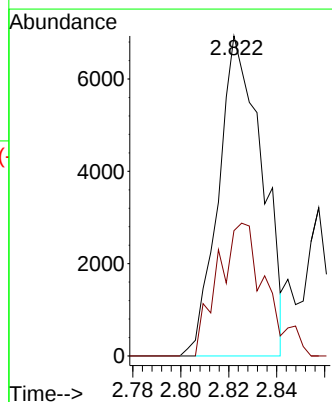
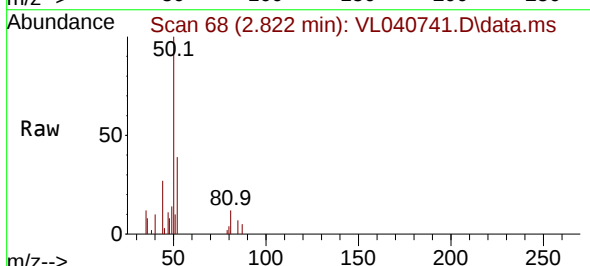
Manual Integrations
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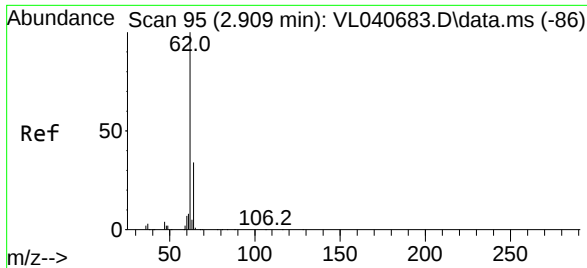
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#4
Chloromethane
Concen: 0.119 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.007 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

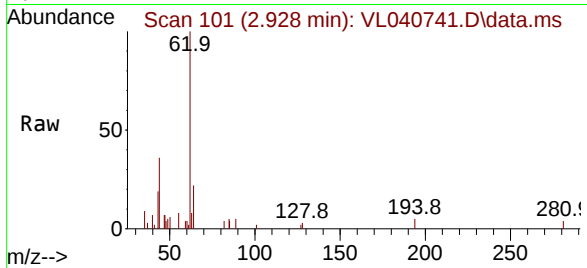
Tgt Ion: 50 Resp: 8749
Ion Ratio Lower Upper
50 100
52 39.1 27.1 40.7





#5
 Vinyl Chloride
 Concen: 0.067 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.003 min
 Lab File: VL040741.D
 Acq: 4 Oct 2023 15:34

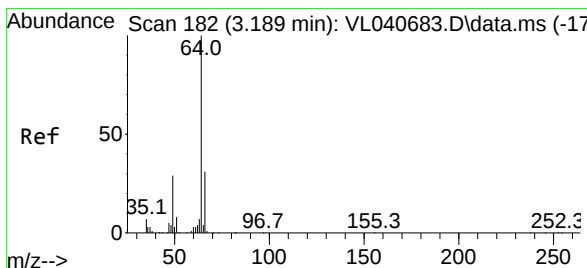
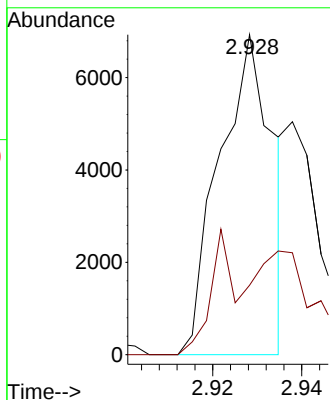
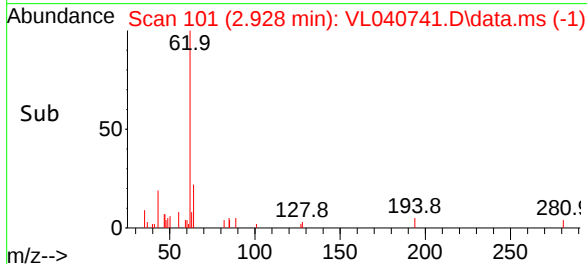
Instrument :
 MSVOA_L
 ClientSampleId :
 QC100323 CAN 10333



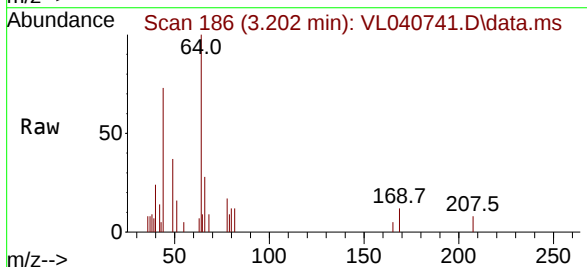
Tgt Ion: 62 Resp: 5759
 Ion Ratio Lower Upper
 62 100
 64 20.1 27.2 40.8

Manual Integrations
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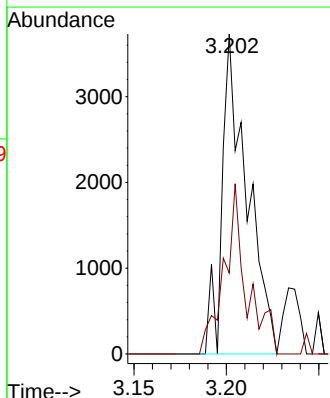
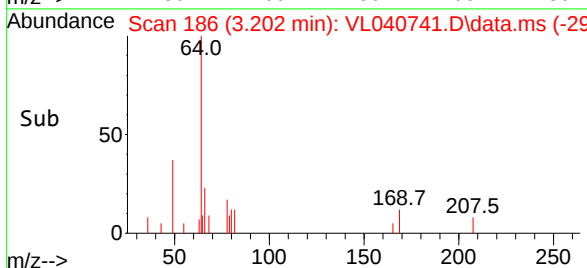
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

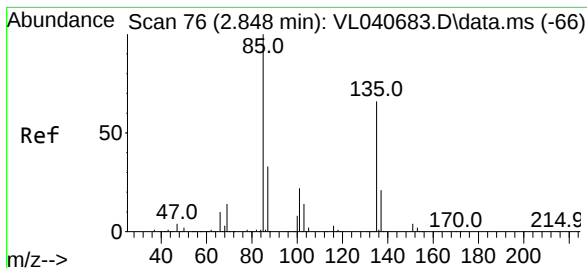


#7
 Chloroethane
 Concen: 0.117 ppbv m
 RT: 3.202 min Scan# 186
 Delta R.T. 0.003 min
 Lab File: VL040741.D
 Acq: 4 Oct 2023 15:34



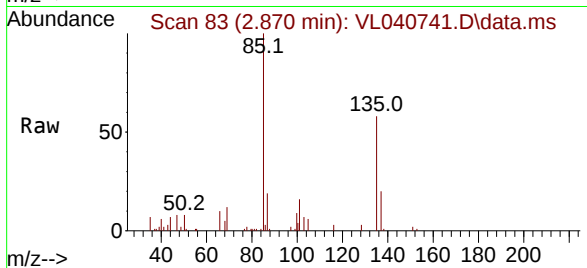
Tgt Ion: 64 Resp: 3487
 Ion Ratio Lower Upper
 64 100
 66 27.6 24.5 36.7





#8
Dichlorotetrafluoroethane
Concen: 0.106 ppbv
RT: 2.870 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

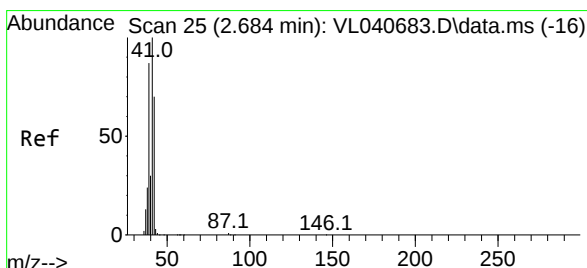
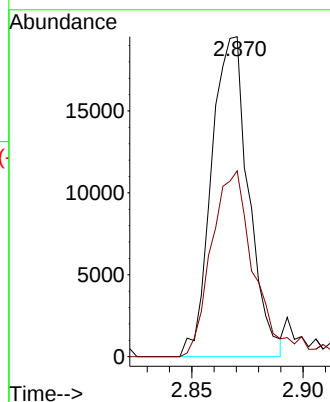
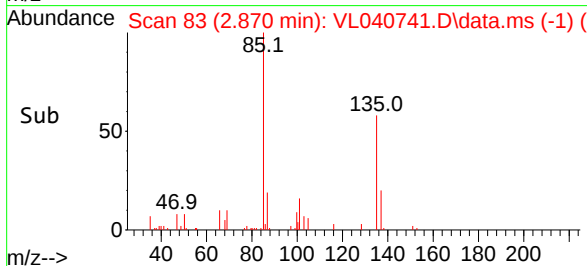
Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333



Tgt Ion: 85 Resp: 22598
Ion Ratio Lower Upper
85 100
135 68.5 53.4 80.2

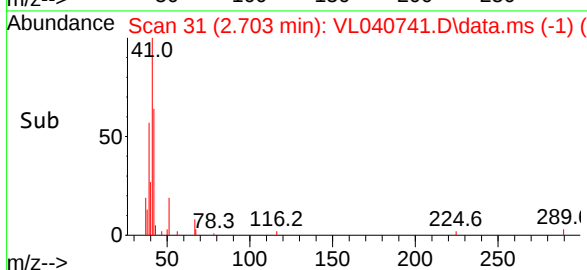
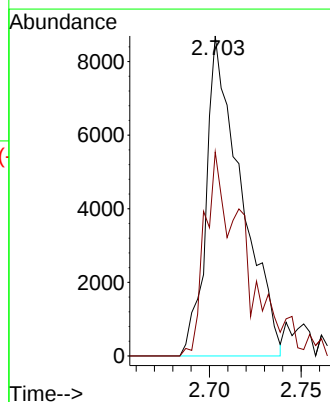
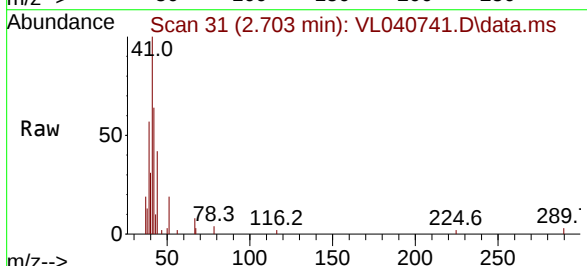
Manual Integrations
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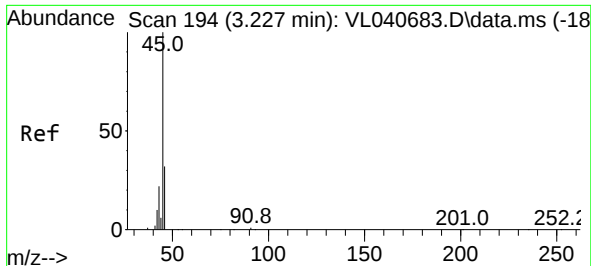
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#9
Propene
Concen: 0.210 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

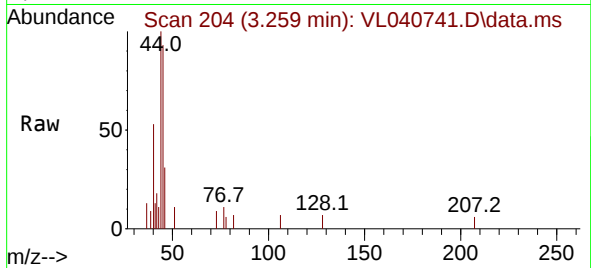
Tgt Ion: 41 Resp: 11584
Ion Ratio Lower Upper
41 100
42 75.3 56.7 85.1





#13
Ethanol
Concen: 0.296 ppbv m
RT: 3.259 min Scan# 204
Delta R.T. 0.016 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

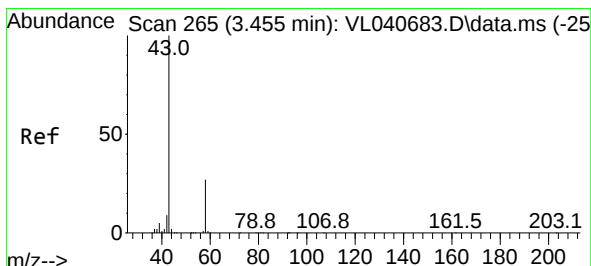
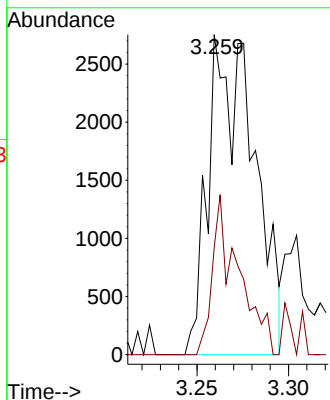
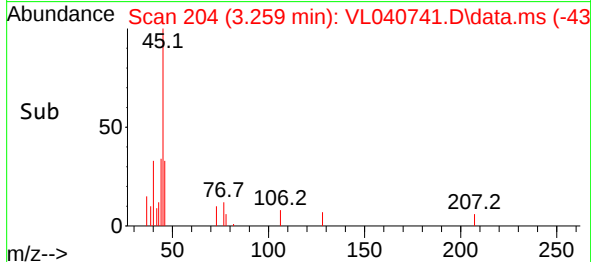
Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333



Tgt Ion: 45 Resp: 4820
Ion Ratio Lower Upper
45 100
46 32.7 15.2 61.0

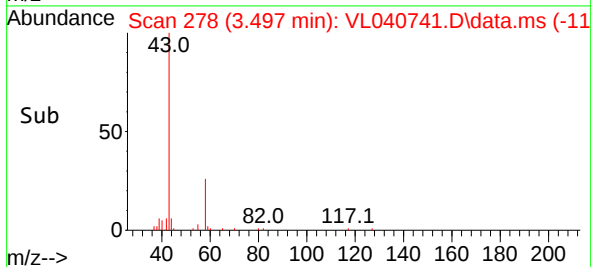
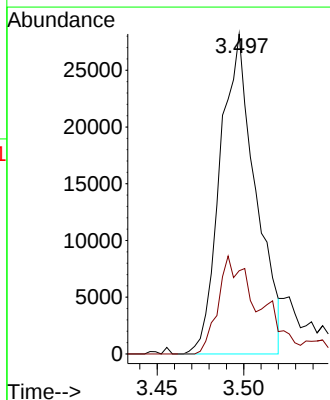
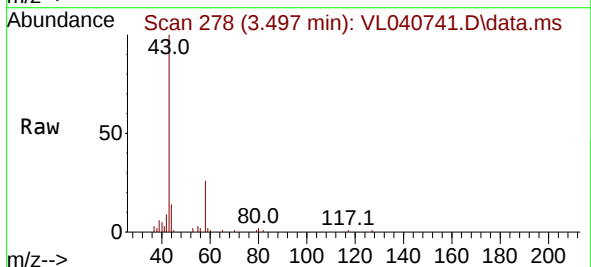
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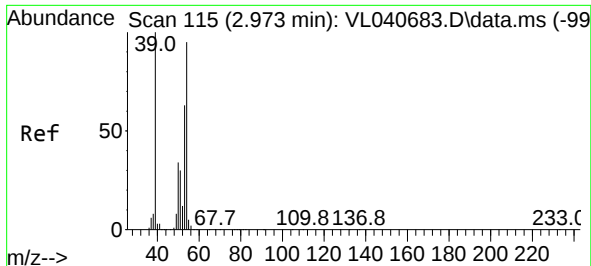
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#15
Acetone
Concen: 0.259 ppbv
RT: 3.497 min Scan# 278
Delta R.T. 0.026 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

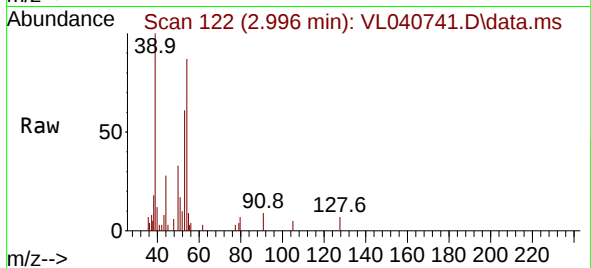
Tgt Ion: 43 Resp: 40091
Ion Ratio Lower Upper
43 100
58 40.5 22.6 34.0#





#16
1,3-Butadiene
Concen: 0.108 ppbv
RT: 2.996 min Scan# 115
Delta R.T. 0.007 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

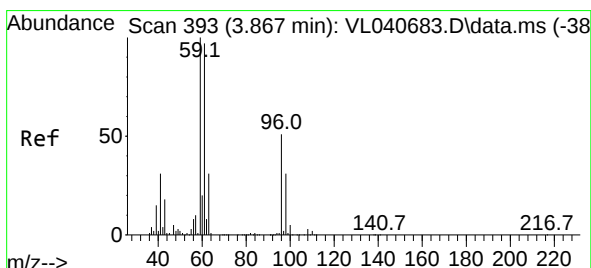
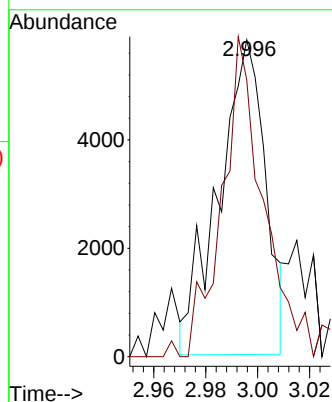
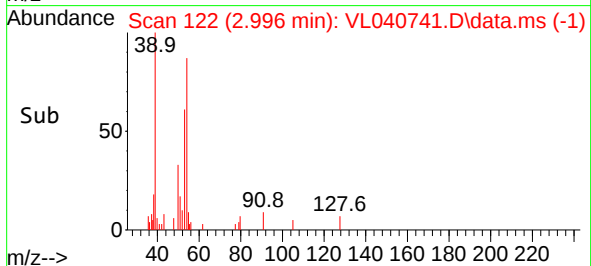
Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333



Tgt Ion: 39 Resp: 727
Ion Ratio Lower Upper
39 100
54 95.3 64.8 97.2

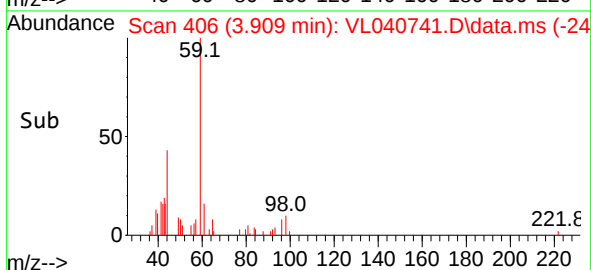
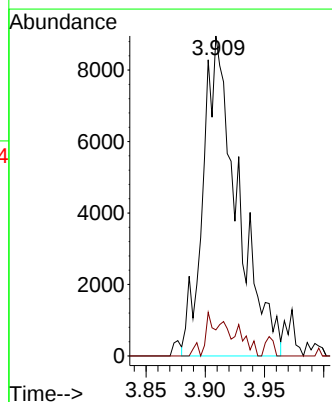
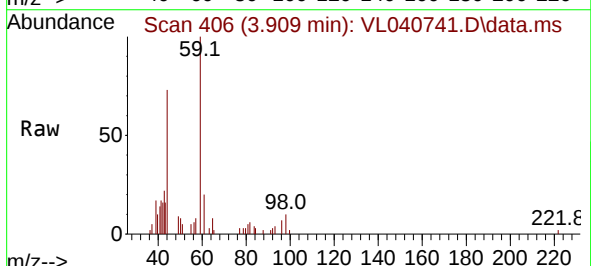
Manual Integrations
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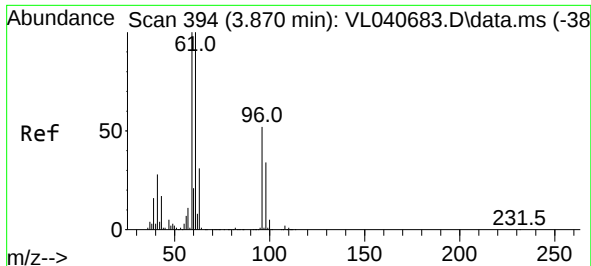
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#17
tert-Butyl alcohol
Concen: 0.114 ppbv m
RT: 3.909 min Scan# 406
Delta R.T. 0.026 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

Tgt Ion: 59 Resp: 18085
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#18

1,1-Dichloroethene

Concen: 0.107 ppbv

RT: 3.883 min Scan# 315

Delta R.T. 0.000 min

Lab File: VL040741.D

Acq: 4 Oct 2023 15:34

Instrument :

MSVOA_L

ClientSampleId :

QC100323 CAN 10333

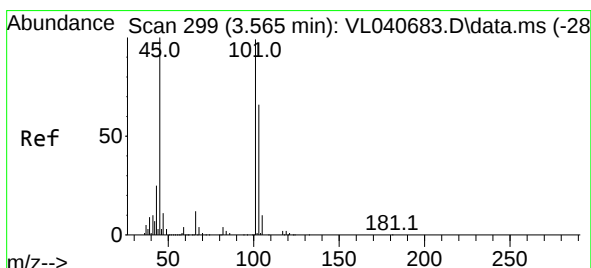
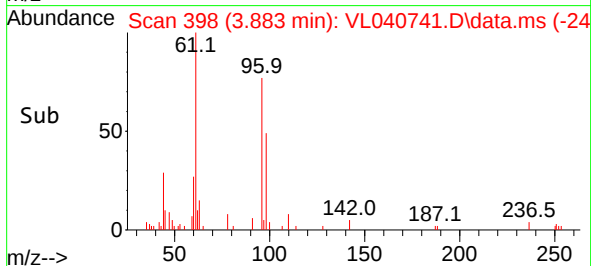
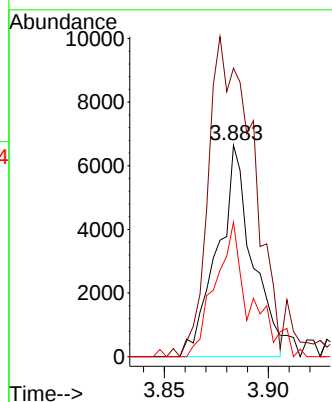
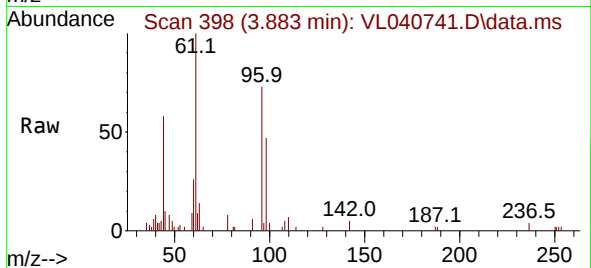
Tgt Ion: 96 Resp: 770

Ion	Ratio	Lower	Upper
96	100		
61	136.4	153.6	230.4
98	63.6	51.9	77.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#19

Isopropyl Alcohol

Concen: 0.112 ppbv m

RT: 3.616 min Scan# 315

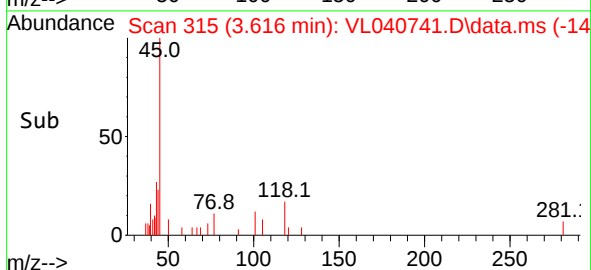
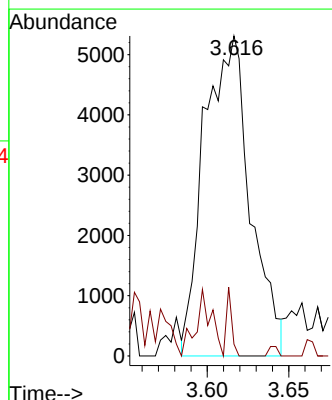
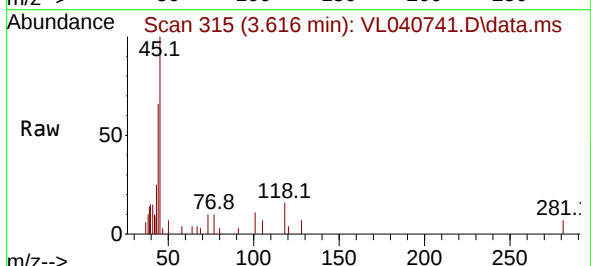
Delta R.T. 0.039 min

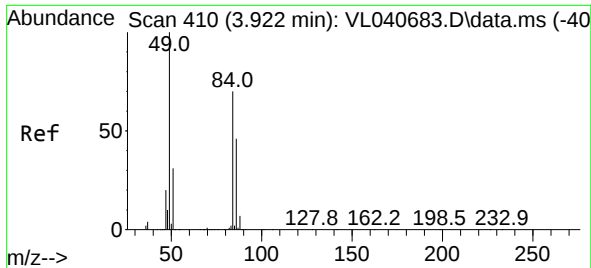
Lab File: VL040741.D

Acq: 4 Oct 2023 15:34

Tgt Ion: 45 Resp: 10452

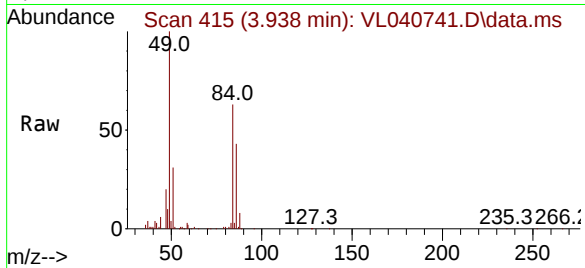
Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.9	2.9





#20
Methylene Chloride
Concen: 0.905 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.000 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

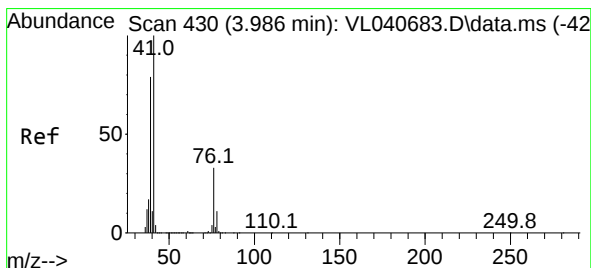
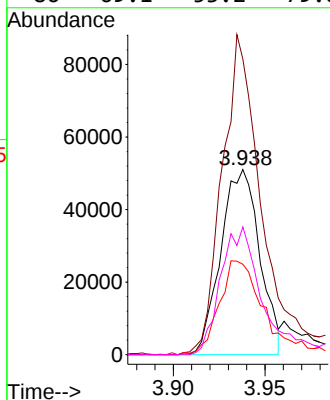
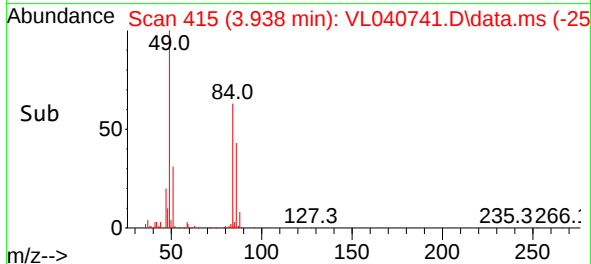
Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333



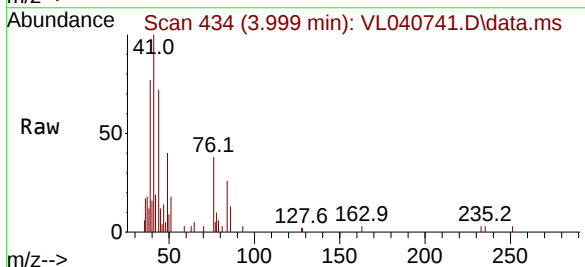
Tgt Ion: 84 Resp: 75420
Ion Ratio Lower Upper
84 100
49 159.2 114.4 171.6
51 48.9 35.5 53.3
86 69.1 53.2 79.8

Manual Integrations
APPROVED

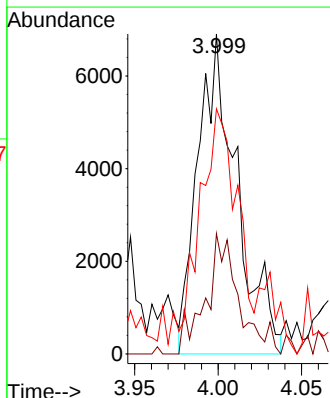
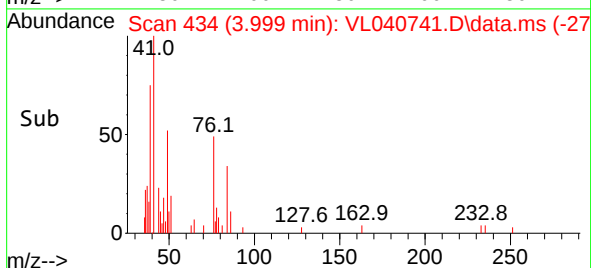
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

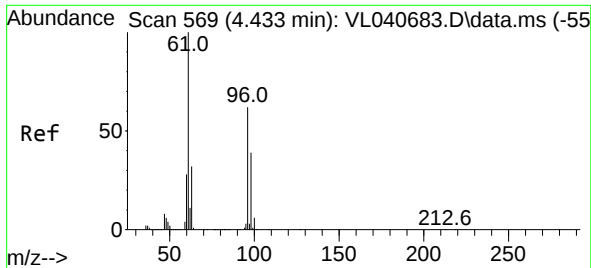


#21
Allyl Chloride
Concen: 0.118 ppbv m
RT: 3.999 min Scan# 434
Delta R.T. -0.003 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34



Tgt Ion: 41 Resp: 11246
Ion Ratio Lower Upper
41 100
76 0.0 26.6 40.0#
39 0.0 65.0 97.4#





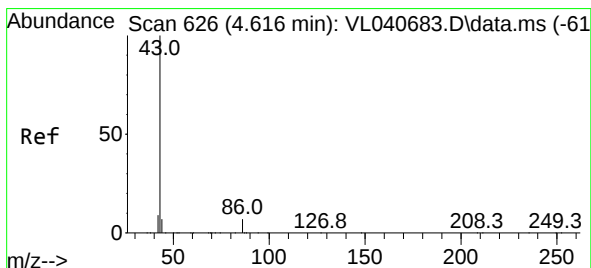
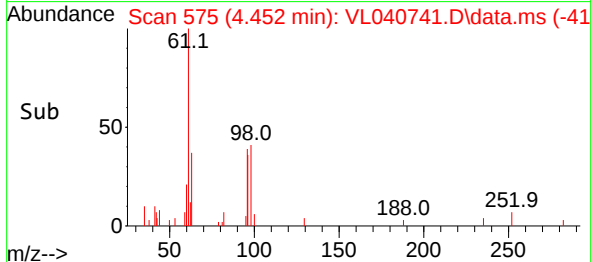
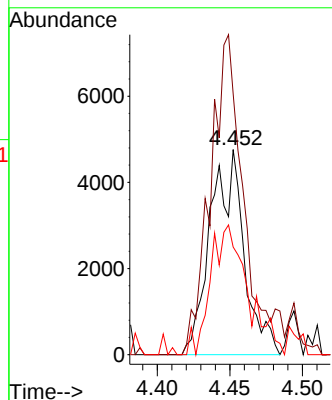
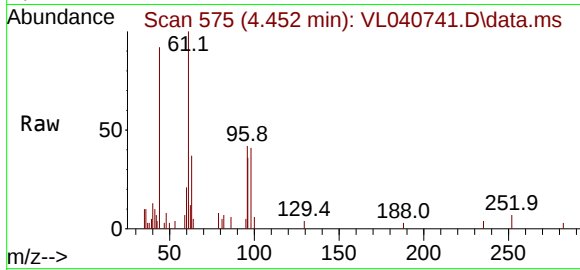
#22
trans-1,2-Dichloroethene
Concen: 0.107 ppbv m
RT: 4.452 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333

Tgt Ion: 96 Resp: 7638
Ion Ratio Lower Upper
96 100
61 237.1 129.9 194.9#
98 97.8 50.2 75.4#

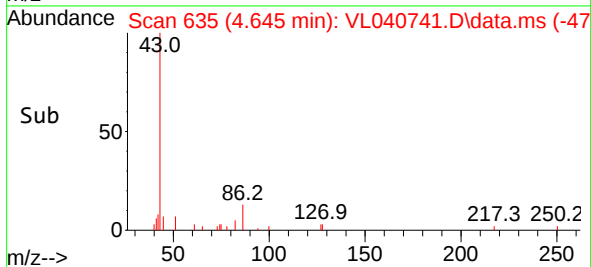
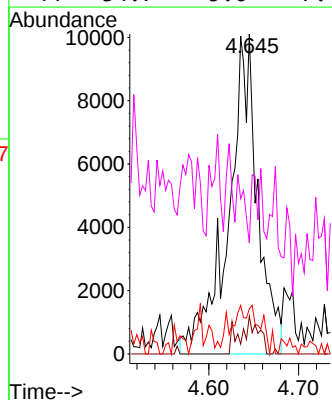
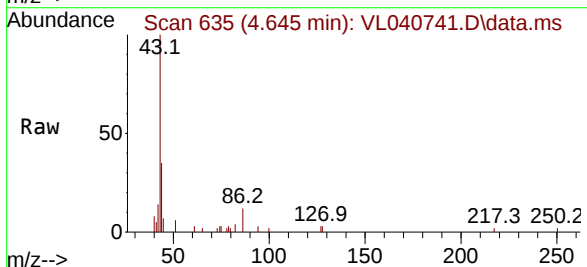
Manual Integrations
APPROVED

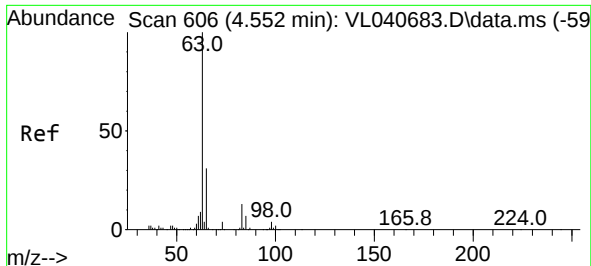
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#23
Vinyl Acetate
Concen: 0.143 ppbv m
RT: 4.645 min Scan# 635
Delta R.T. 0.013 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

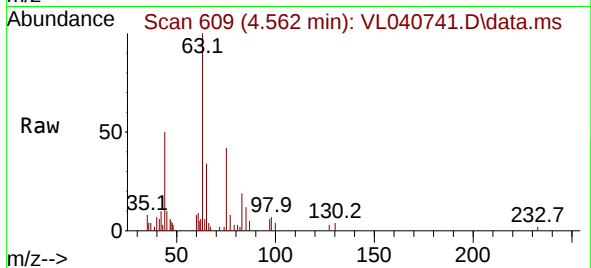
Tgt Ion: 43 Resp: 22831
Ion Ratio Lower Upper
43 100
86 11.8 5.6 8.4#
42 14.1 7.6 11.4#
44 34.7 5.0 7.4#





#24
1,1-Dichloroethane
Concen: 0.104 ppbv m
RT: 4.562 min Scan# 606
Delta R.T. -0.006 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

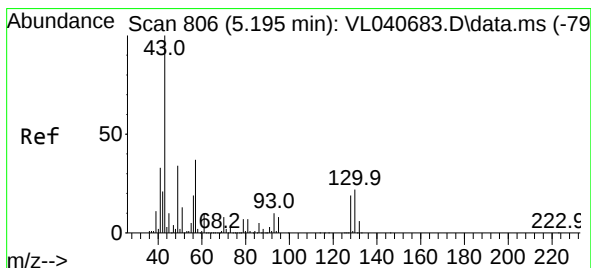
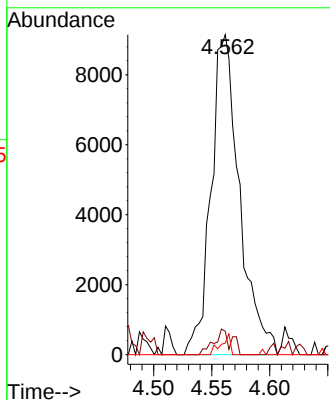
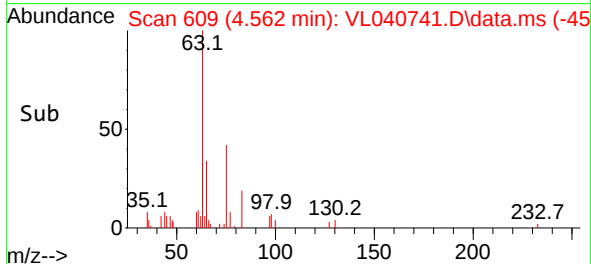
Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333



Tgt Ion: 63 Resp: 15598
Ion Ratio Lower Upper
63 100
98 7.3 1.8 5.5
100 3.6 1.2 3.6

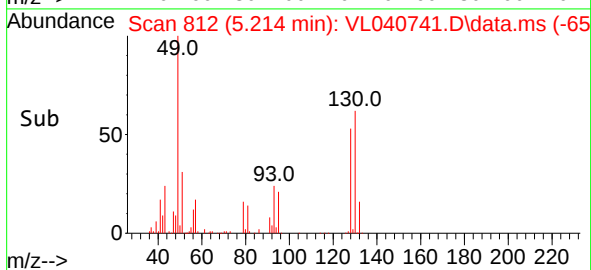
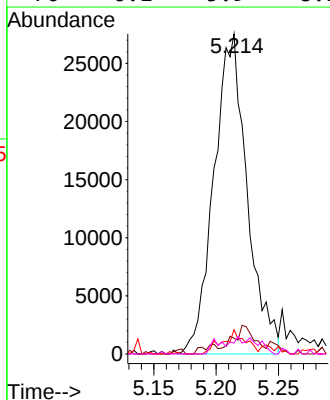
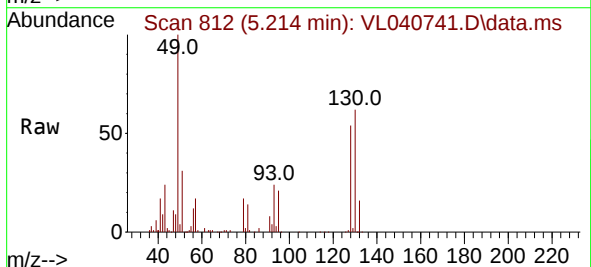
Manual Integrations
APPROVED

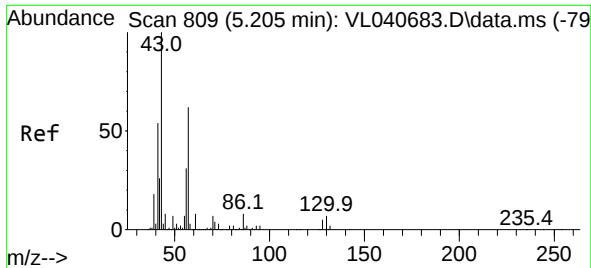
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#25
Ethyl Acetate
Concen: 0.204 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

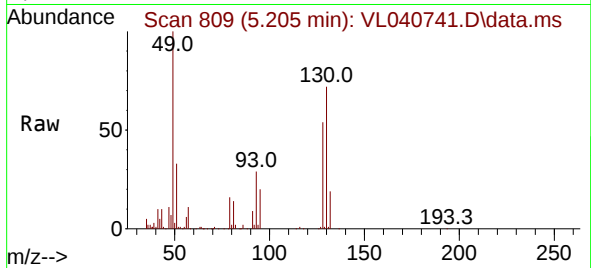
Tgt Ion: 43 Resp: 51069
Ion Ratio Lower Upper
43 100
45 8.7 8.2 12.4
61 6.4 8.2 12.4#
70 6.1 5.9 8.9





#26
Hexane
Concen: 0.407 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.016 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

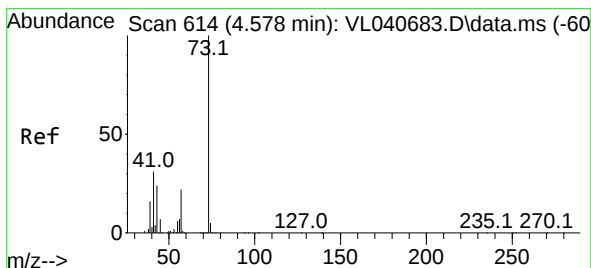
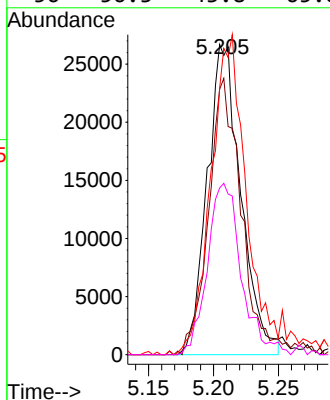
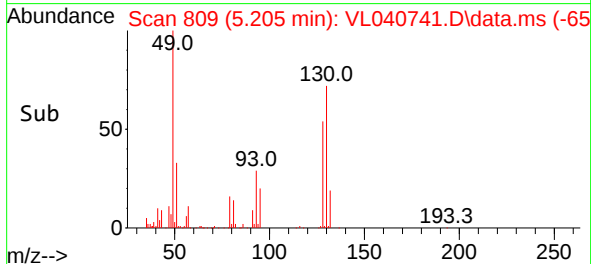
Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333



Tgt Ion: 57 Resp: 4811
Ion Ratio Lower Upper
57 100
41 88.3 75.2 112.8
43 112.7 185.6 278.4
56 56.3 43.8 65.8

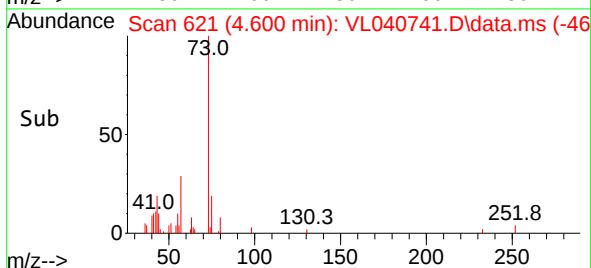
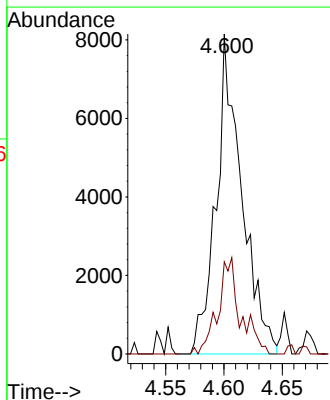
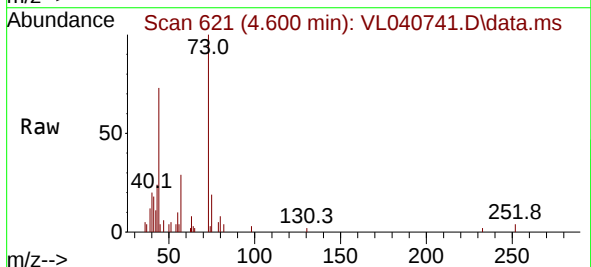
Manual Integrations
APPROVED

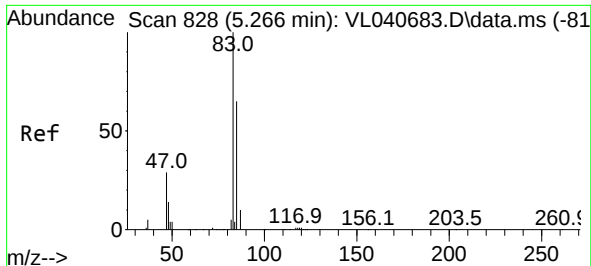
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#28
Methyl tert-Butyl Ether
Concen: 0.123 ppbv m
RT: 4.600 min Scan# 621
Delta R.T. 0.010 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

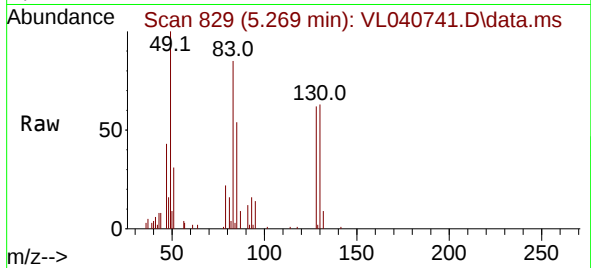
Tgt Ion: 73 Resp: 12449
Ion Ratio Lower Upper
73 100
57 26.3 18.8 28.2





#29
Chloroform
Concen: 0.112 ppbv
RT: 5.269 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

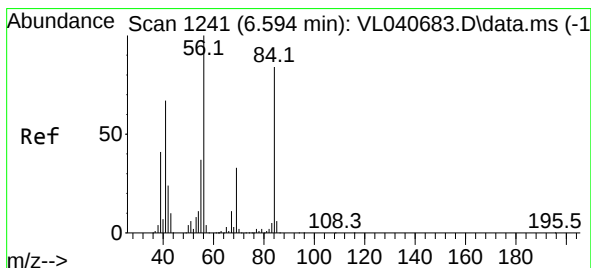
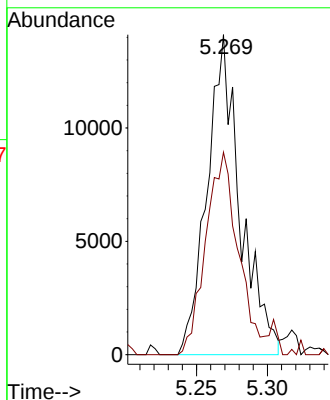
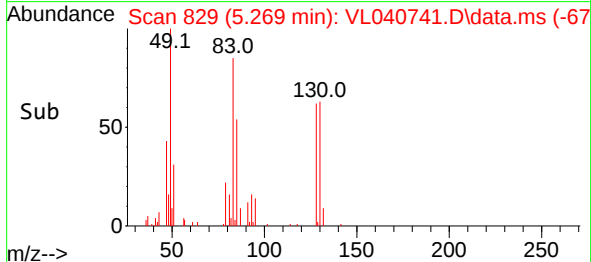
Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333



Tgt Ion: 83 Resp: 2290
Ion Ratio Lower Upper
83 100
85 63.2 51.8 77.8

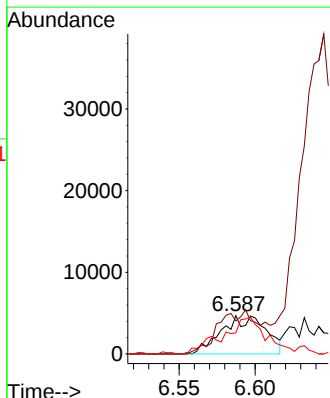
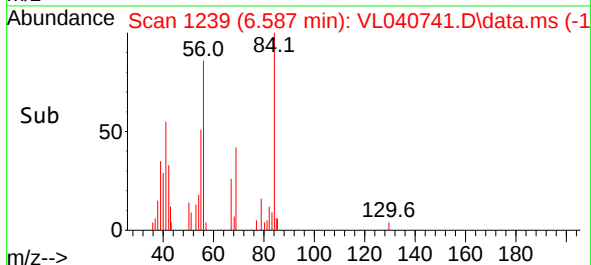
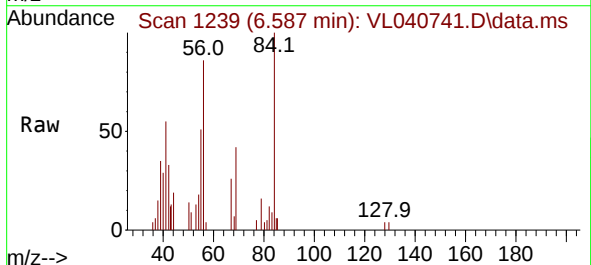
Manual Integrations
APPROVED

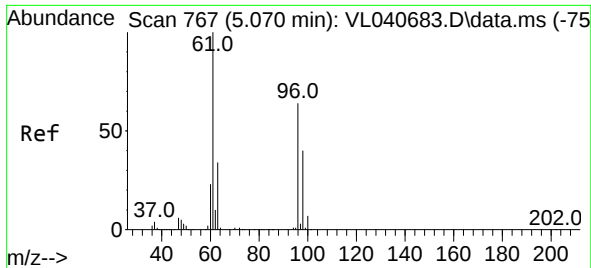
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#30
Cyclohexane
Concen: 0.107 ppbv m
RT: 6.587 min Scan# 1239
Delta R.T. -0.022 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

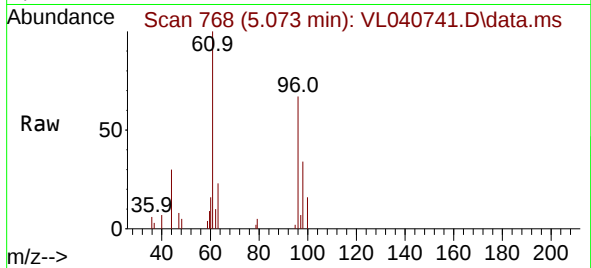
Tgt Ion: 84 Resp: 9535
Ion Ratio Lower Upper
84 100
56 110.1 103.2 154.8
41 102.1 65.5 98.3#





#31
 cis-1,2-Dichloroethene
 Concen: 0.102 ppbv
 RT: 5.073 min Scan# 767
 Delta R.T. -0.013 min
 Lab File: VL040741.D
 Acq: 4 Oct 2023 15:34

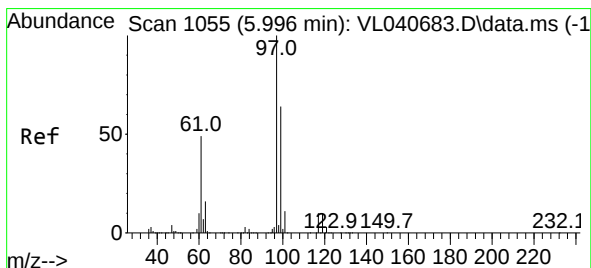
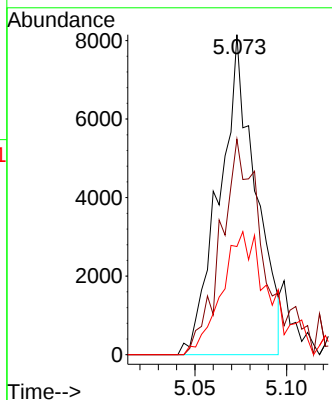
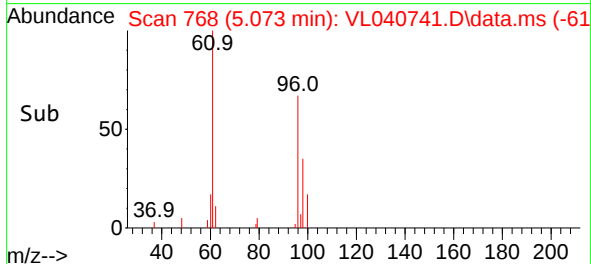
Instrument :
 MSVOA_L
 ClientSampleId :
 QC100323 CAN 10333



Tgt Ion: 61 Resp: 11190
 Ion Ratio Lower Upper
 61 100
 96 67.4 51.2 76.8
 98 33.8 32.3 48.5

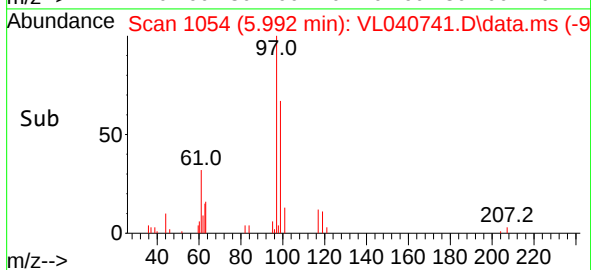
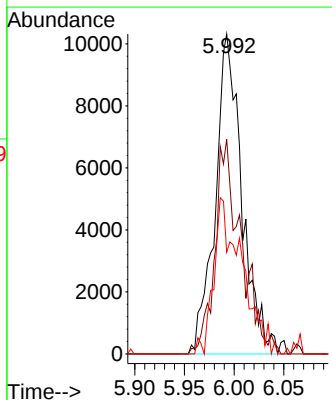
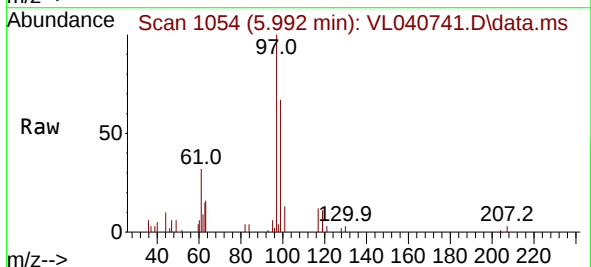
Manual Integrations
 APPROVED

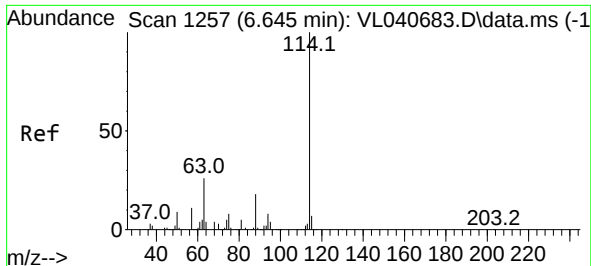
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.092 ppbv m
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.019 min
 Lab File: VL040741.D
 Acq: 4 Oct 2023 15:34

Tgt Ion: 97 Resp: 19271
 Ion Ratio Lower Upper
 97 100
 99 65.7 52.4 78.6
 61 52.5 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.019 min

Lab File: VL040741.D

Acq: 4 Oct 2023 15:34

Instrument :

MSVOA_L

ClientSampleId :

QC100323 CAN 10333

Tgt Ion:114 Resp: 324037

Ion Ratio Lower Upper

114 100

63 24.1 21.1 31.7

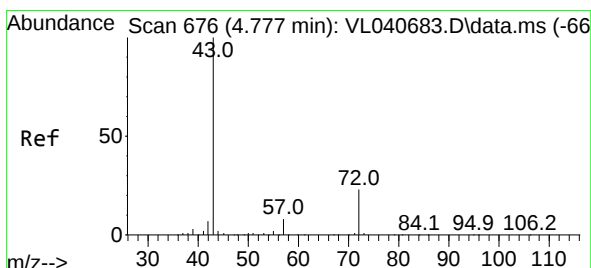
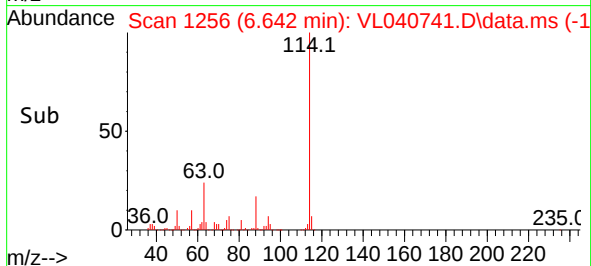
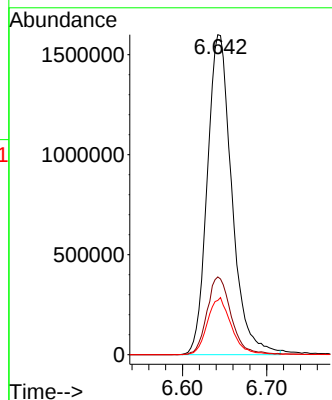
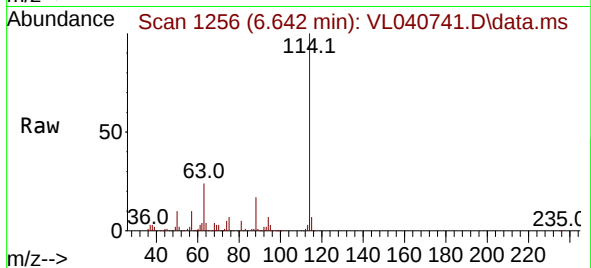
88 17.5 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#34

2-Butanone

Concen: 0.120 ppbv m

RT: 4.809 min Scan# 686

Delta R.T. 0.019 min

Lab File: VL040741.D

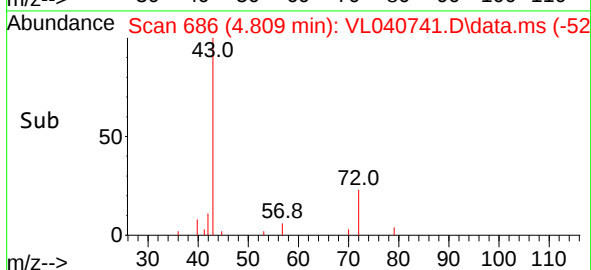
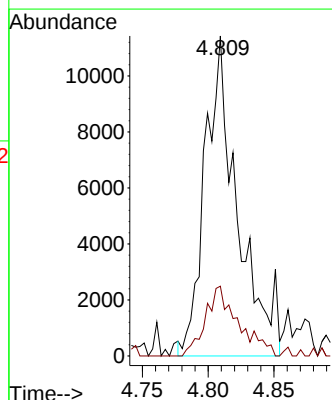
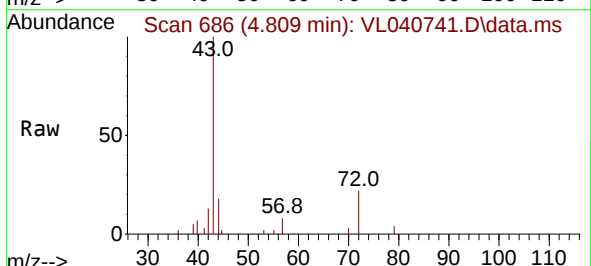
Acq: 4 Oct 2023 15:34

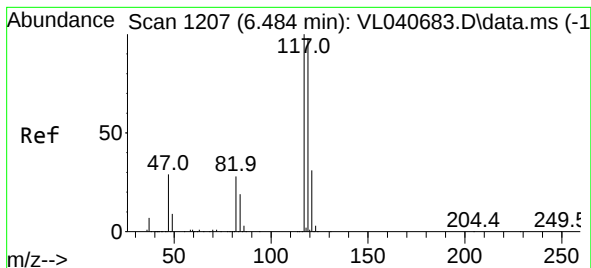
Tgt Ion: 43 Resp: 19583

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#





#35

Carbon Tetrachloride

Concen: 0.077 ppbv m

RT: 6.478 min Scan# 1120

Delta R.T. -0.026 min

Lab File: VL040741.D

Acq: 4 Oct 2023 15:34

Instrument :

MSVOA_L

ClientSampleId :

QC100323 CAN 10333

Tgt Ion: 117 Resp: 17234

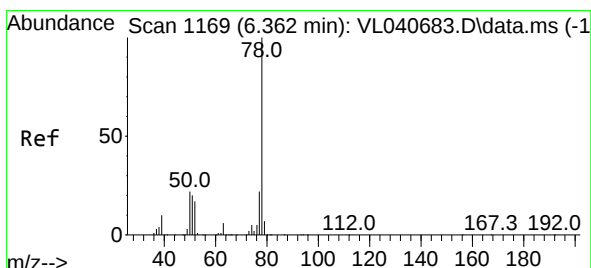
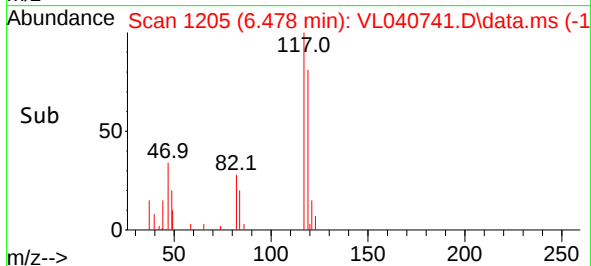
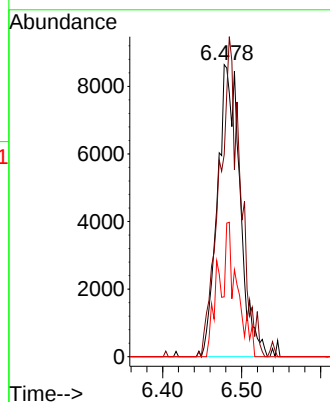
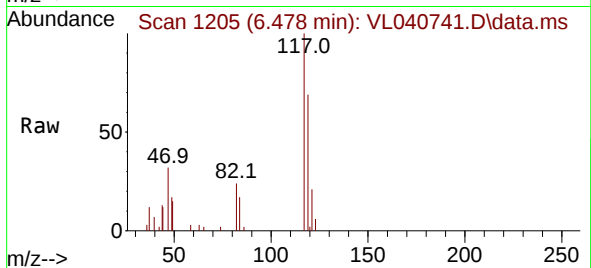
Ion	Ratio	Lower	Upper
117	100		
119	69.2	78.6	117.8
121	20.5	24.7	37.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#36

Benzene

Concen: 0.123 ppbv m

RT: 6.362 min Scan# 1169

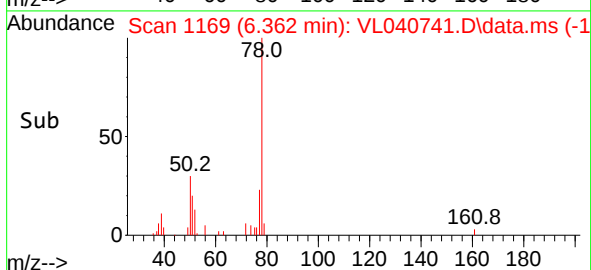
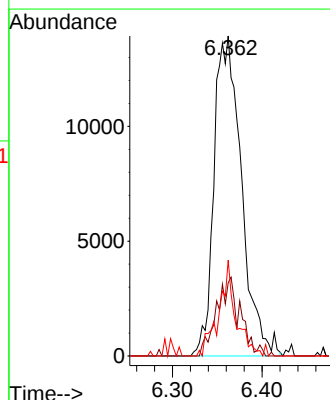
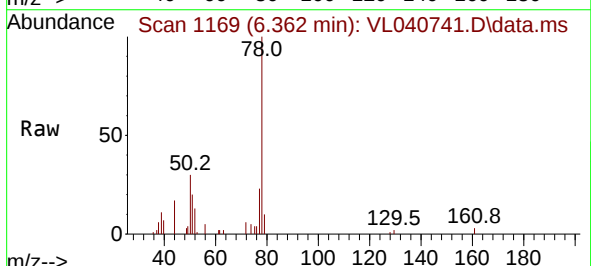
Delta R.T. -0.019 min

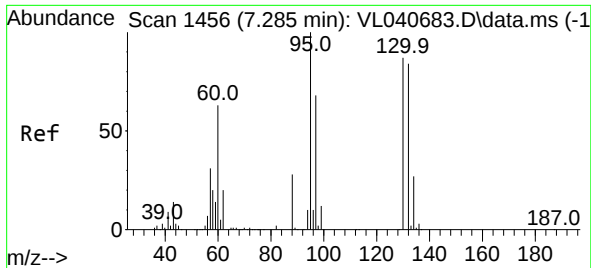
Lab File: VL040741.D

Acq: 4 Oct 2023 15:34

Tgt Ion: 78 Resp: 29597

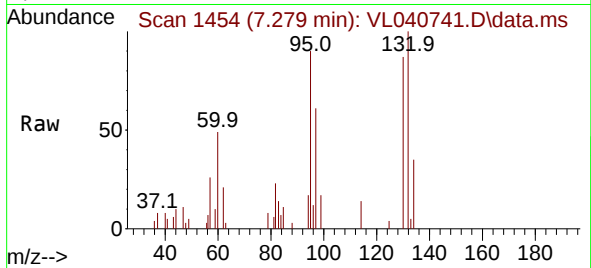
Ion	Ratio	Lower	Upper
78	100		
77	22.9	17.9	26.9
50	29.9	17.3	25.9





#38
Trichloroethene
Concen: 0.118 ppbv m
RT: 7.279 min Scan# 1456
Delta R.T. -0.022 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

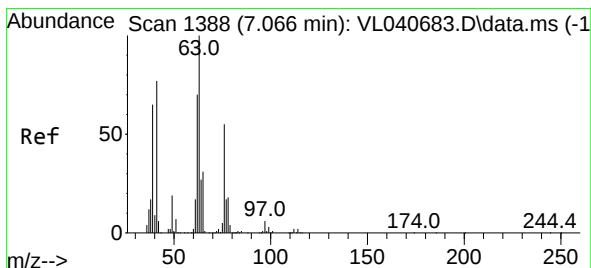
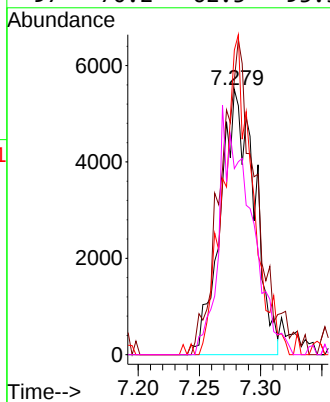
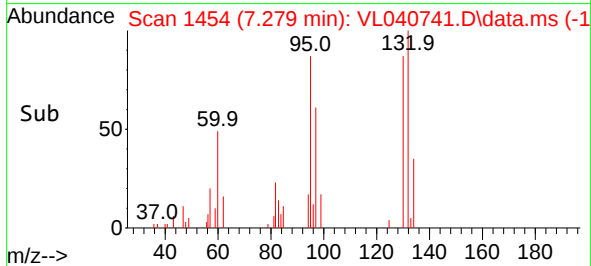
Instrument : MSVOA_L
ClientSampleId : QC100323 CAN 10333



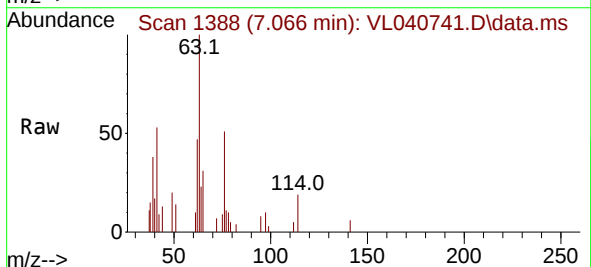
Tgt Ion:130 Resp: 1076
Ion Ratio Lower Upper
130 100
95 103.7 91.9 137.9
132 114.9 77.3 115.9
97 70.2 62.3 93.5

Manual Integrations
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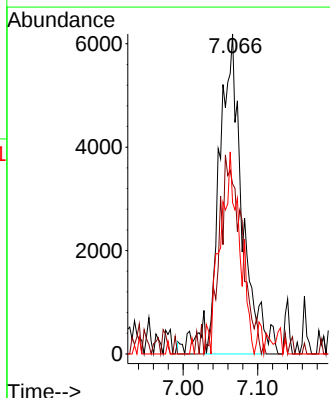
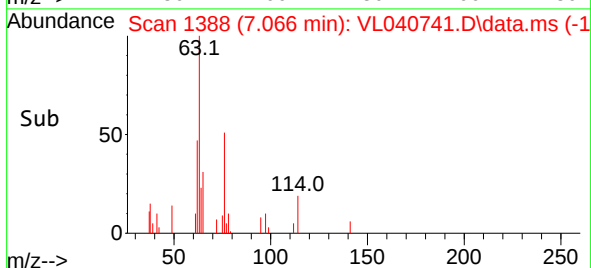
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

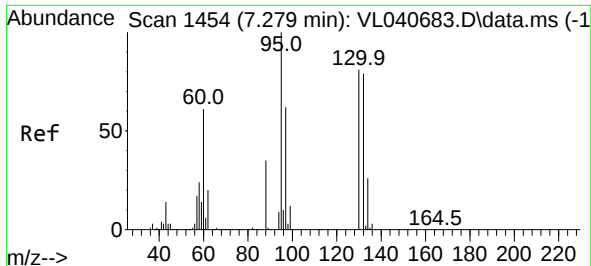


#39
1,2-Dichloropropane
Concen: 0.147 ppbv m
RT: 7.066 min Scan# 1388
Delta R.T. -0.016 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34



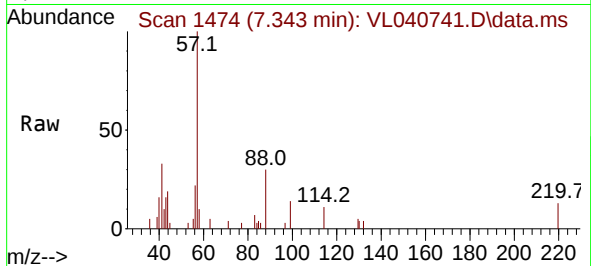
Tgt Ion: 63 Resp: 13608
Ion Ratio Lower Upper
63 100
41 53.2 61.6 92.4#
62 47.3 55.8 83.8#





#40
1,4-Dioxane
Concen: 0.123 ppbv m
RT: 7.343 min Scan# 1454
Delta R.T. 0.048 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

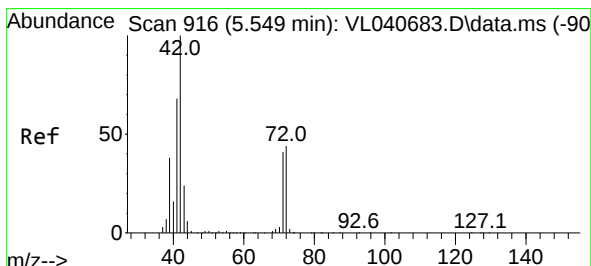
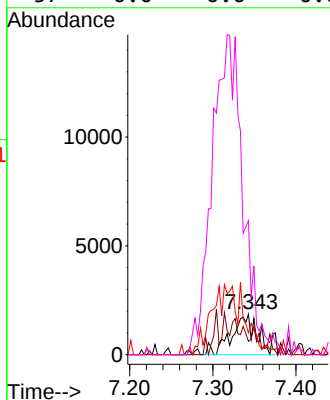
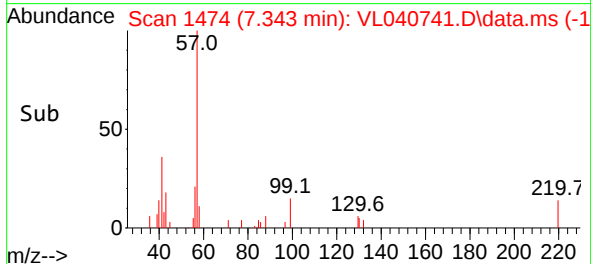
Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333



Tgt Ion: 88 Resp: 4299
Ion Ratio Lower Upper
88 100
58 0.0 92.7 139.1#
43 0.0 0.0 0.0
57 0.0 0.0 0.0

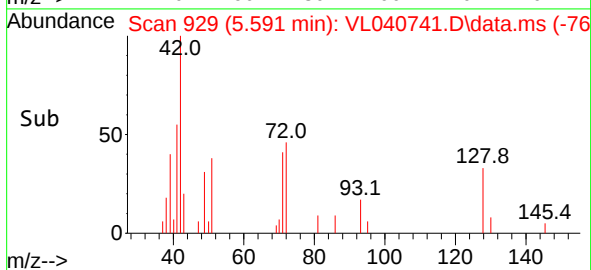
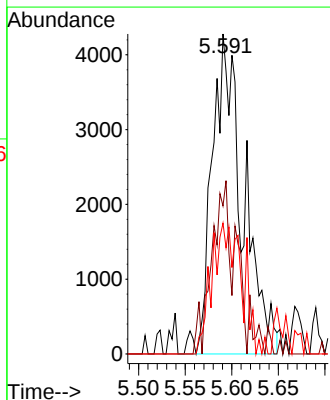
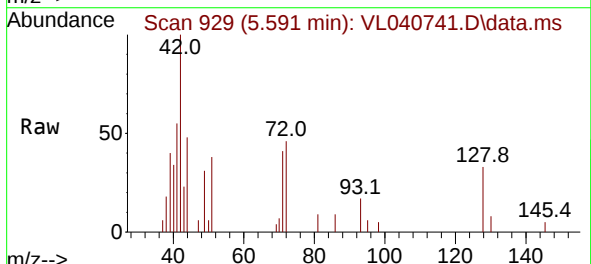
Manual Integrations
APPROVED

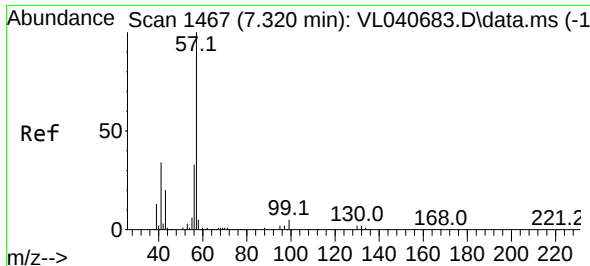
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#41
Tetrahydrofuran
Concen: 0.117 ppbv m
RT: 5.591 min Scan# 929
Delta R.T. 0.029 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

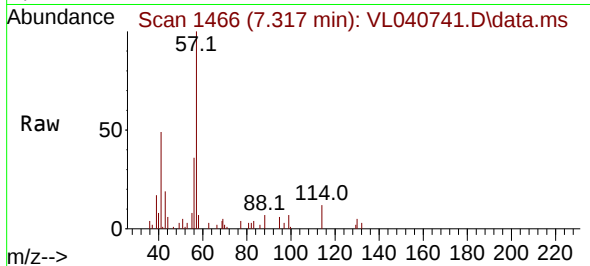
Tgt Ion: 42 Resp: 9796
Ion Ratio Lower Upper
42 100
72 0.0 34.9 52.3#
71 0.0 33.8 50.8#





#44
2,2,4-Trimethylpentane
Concen: 0.101 ppbv m
RT: 7.317 min Scan# 1466
Delta R.T. -0.019 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

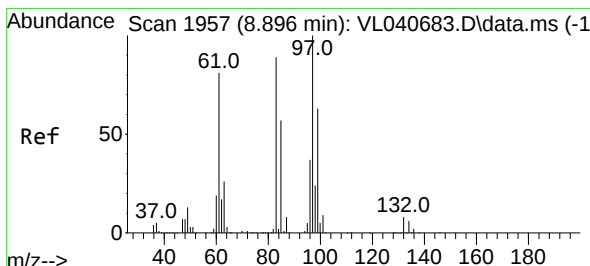
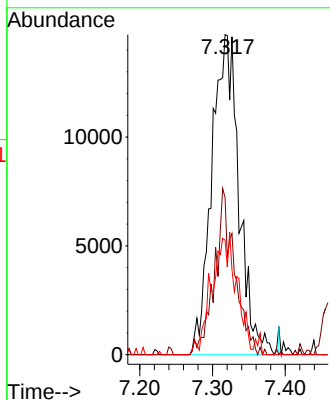
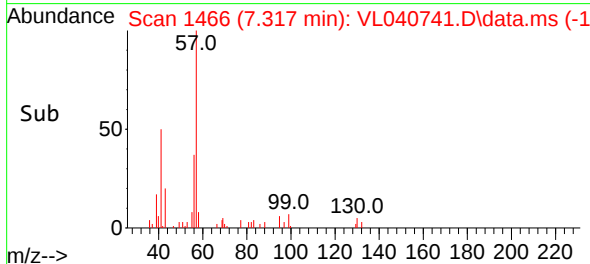
Instrument : MSVOA_L
ClientSampleId : QC100323 CAN 10333



Tgt Ion: 57 Resp: 38480
Ion Ratio Lower Upper
57 100
41 38.1 28.5 42.7
56 0.0 25.4 38.2

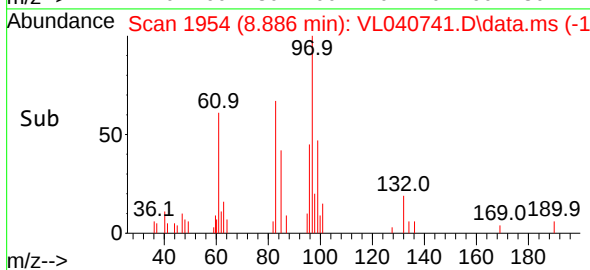
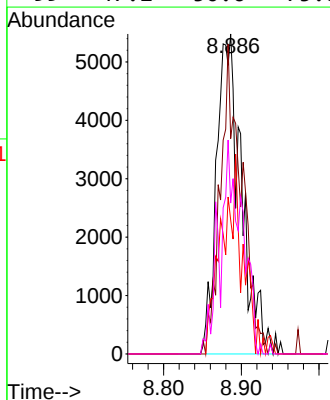
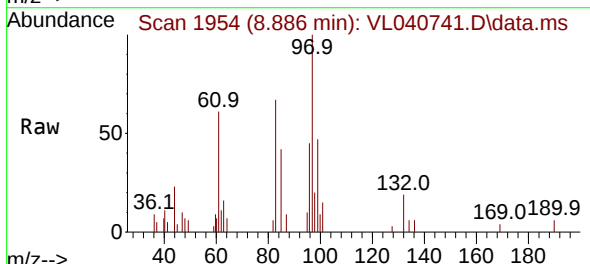
Manual Integrations
APPROVED

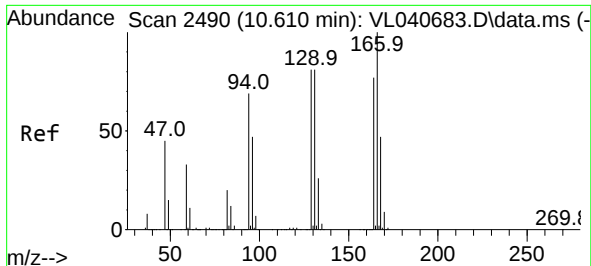
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#47
1,1,2-Trichloroethane
Concen: 0.115 ppbv m
RT: 8.886 min Scan# 1954
Delta R.T. -0.022 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

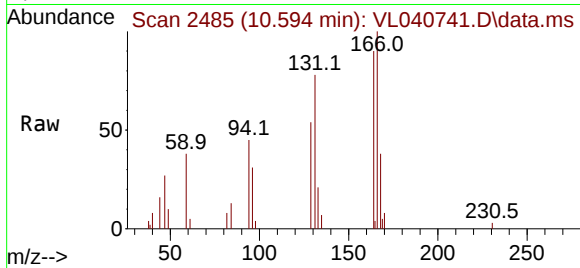
Tgt Ion: 97 Resp: 12157
Ion Ratio Lower Upper
97 100
83 67.3 70.8 106.2#
85 41.9 45.7 68.5#
99 47.2 50.6 75.8#





#52
Tetrachloroethene
Concen: 0.133 ppbv m
RT: 10.594 min Scan# 2490
Delta R.T. -0.032 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

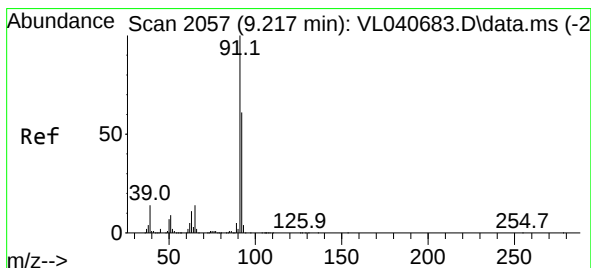
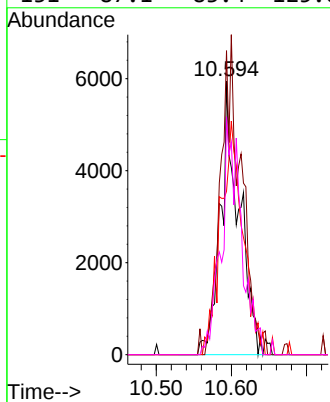
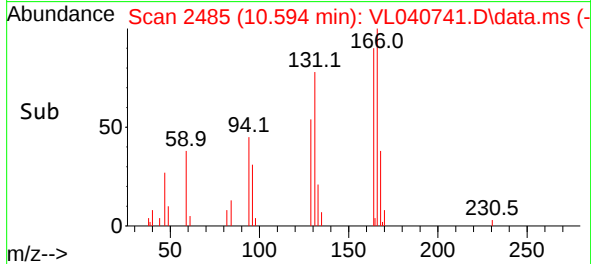
Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333



Tgt Ion:164 Resp: 10384
Ion Ratio Lower Upper
164 100
166 111.2 103.4 155.2
129 59.8 83.5 125.3
131 87.1 83.4 125.0

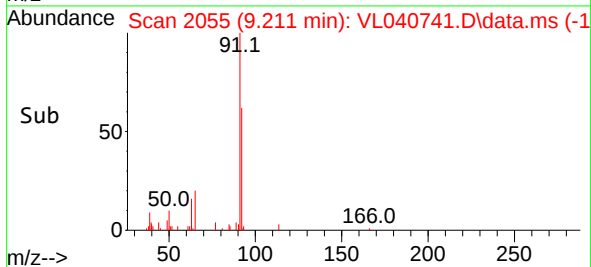
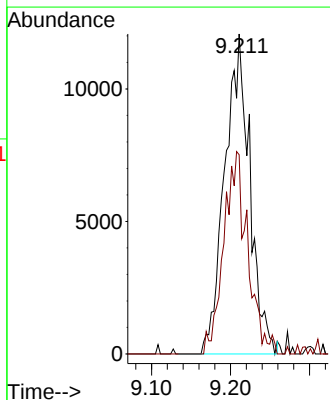
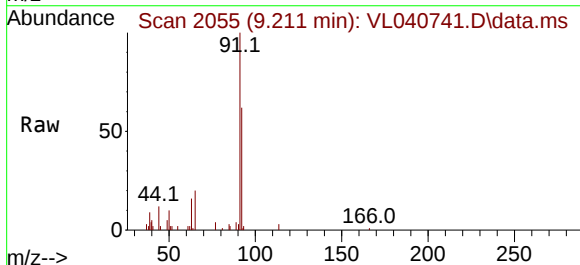
Manual Integrations
APPROVED

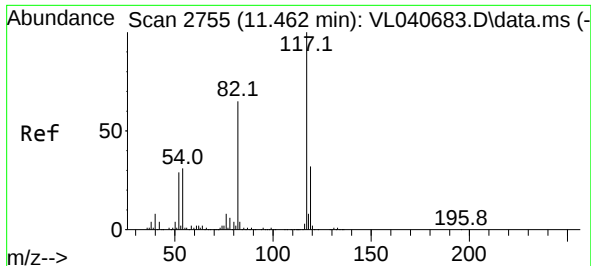
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#53
Toluene
Concen: 0.105 ppbv m
RT: 9.211 min Scan# 2055
Delta R.T. -0.019 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

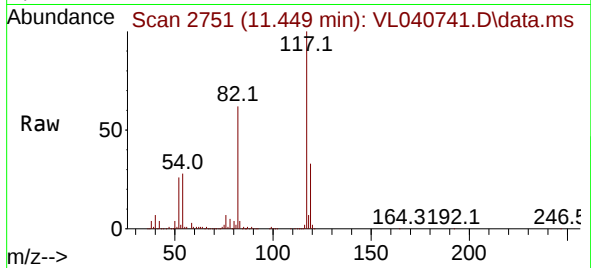
Tgt Ion: 91 Resp: 26535
Ion Ratio Lower Upper
91 100
92 0.0 48.5 72.7#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

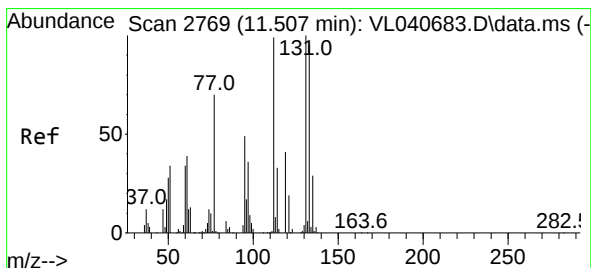
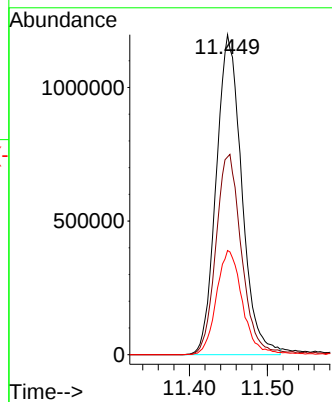
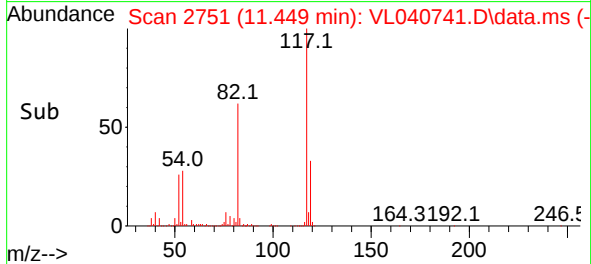
Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333



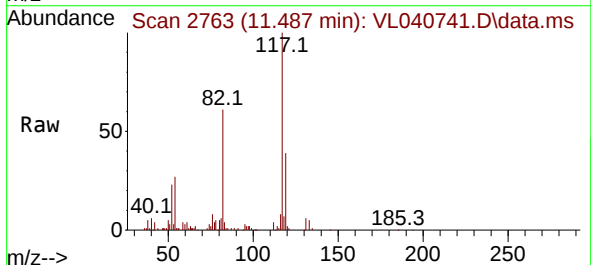
Tgt Ion:117 Resp: 272486
Ion Ratio Lower Upper
117 100
82 63.7 51.4 77.0
119 33.5 24.7 37.1

Manual Integrations
APPROVED

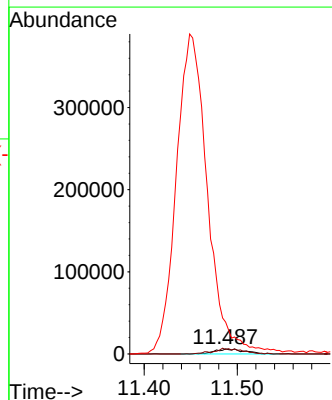
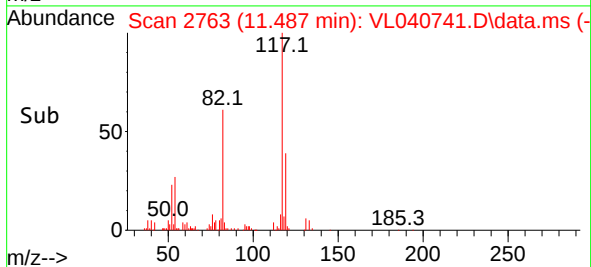
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

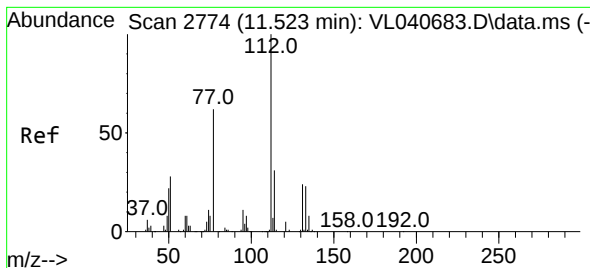


#56
1,1,1,2-Tetrachloroethane
Concen: 0.104 ppbv m
RT: 11.487 min Scan# 2763
Delta R.T. -0.032 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34



Tgt Ion:131 Resp: 13497
Ion Ratio Lower Upper
131 100
133 107.7 76.2 114.2
119 0.0 45.5 68.3#





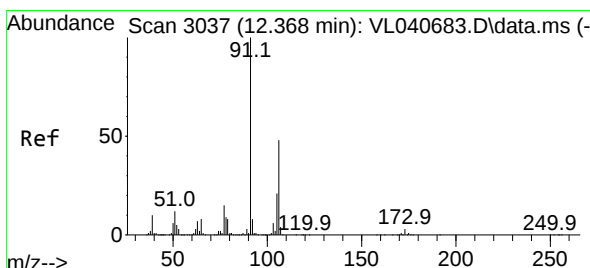
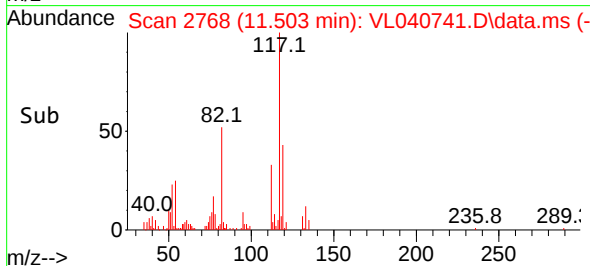
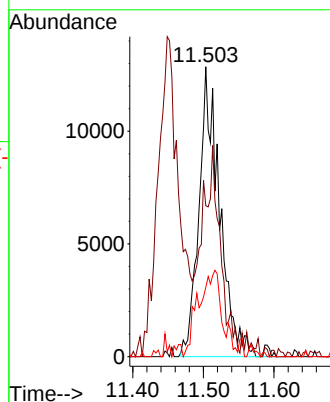
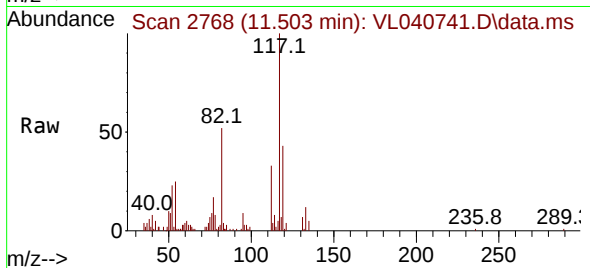
#57
Chlorobenzene
Concen: 0.127 ppbv m
RT: 11.503 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333

Tgt Ion:112 Resp: 2624
Ion Ratio Lower Upper
112 100
77 52.0 50.8 76.2
114 23.9 28.2 34.4

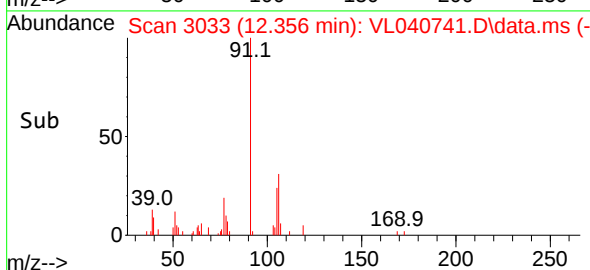
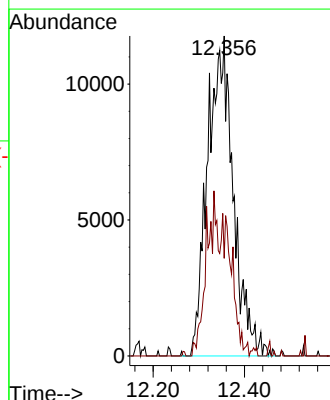
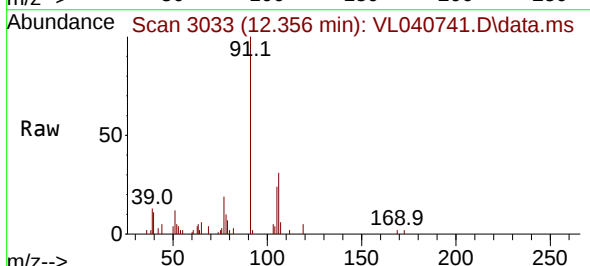
Manual Integrations
APPROVED

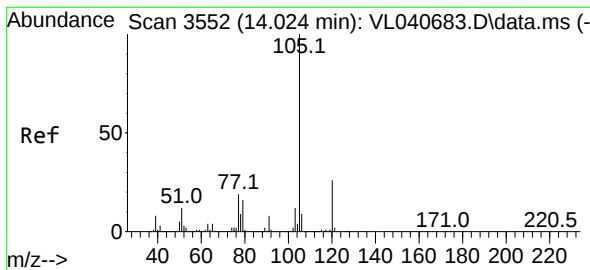
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#59
m/p-Xylene
Concen: 0.157 ppbv m
RT: 12.356 min Scan# 3033
Delta R.T. -0.026 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

Tgt Ion: 91 Resp: 45903
Ion Ratio Lower Upper
91 100
106 0.0 34.8 52.2#





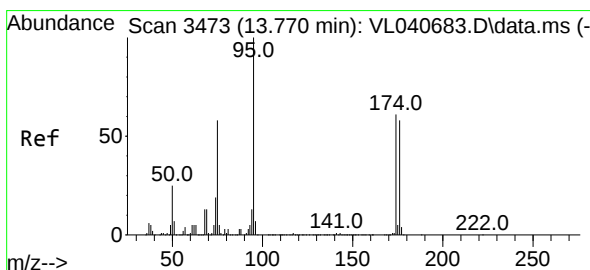
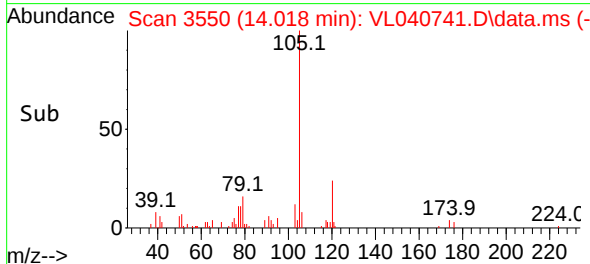
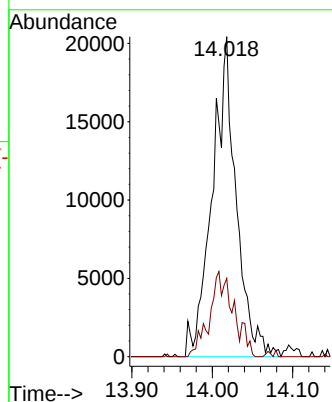
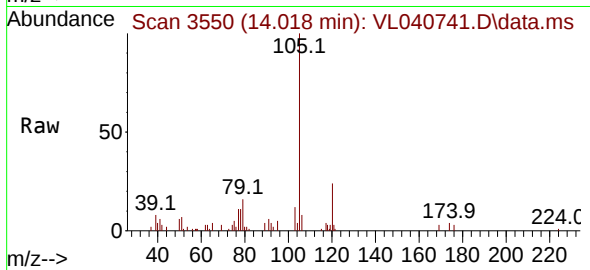
#62
Isopropylbenzene
Concen: 0.101 ppbv m
RT: 14.018 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333

Tgt Ion:105 Resp: 42304
Ion Ratio Lower Upper
105 100
120 26.8 20.2 30.4

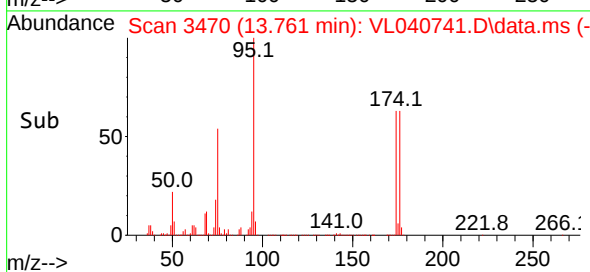
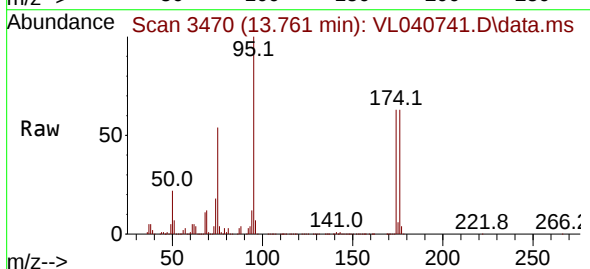
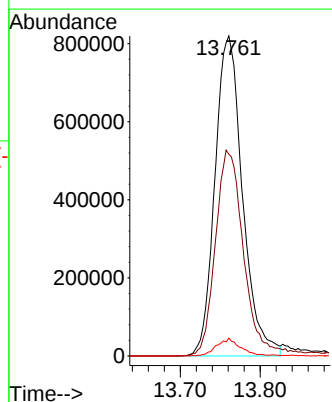
Manual Integrations
APPROVED

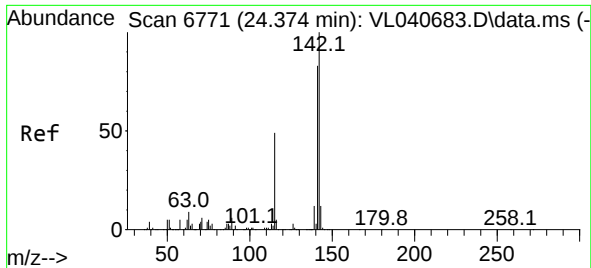
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.321 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. -0.026 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

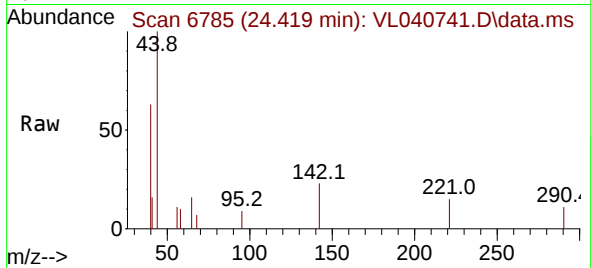
Tgt Ion: 95 Resp: 1962350
Ion Ratio Lower Upper
95 100
174 67.9 48.9 73.3
175 5.0 3.5 5.3





#80
Naphthalene, 2-methyl-
Concen: 0.012 ppbv
RT: 24.419 min Scan# 61
Delta R.T. 0.039 min
Lab File: VL040741.D
Acq: 4 Oct 2023 15:34

Instrument :
MSVOA_L
ClientSampleId :
QC100323 CAN 10333



Tgt Ion:142 Resp: 609
Ion Ratio Lower Upper
142 100
141 58.8 67.0 100.6
115 39.7 37.4 56.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

