

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
 Data File : VL040100.D
 Acq On : 16 Jan 2023 16:28
 Operator : SY/MD
 Sample : VL0116ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABS01

Quant Time: Jan 16 17:21:05 2023

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

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

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/17/2023
 Supervised By : Mahesh Dadoda 01/17/2023

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

Internal Standards						
1) Bromochloromethane	5.195	49	1206029	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.661	114	3009097	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	3105543m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2440429	9.455	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	2156666	10.199	ppbv	100
3) Chlorodifluoromethane	2.665	51	1266054	8.752	ppbv	98
4) Chloromethane	2.803	50	809159	9.051	ppbv	97
5) Vinyl Chloride	2.912	62	702021	9.262	ppbv	98
6) Bromomethane	3.115	94	237489	8.587	ppbv	96
7) Chloroethane	3.192	64	259074	8.942	ppbv	99
8) Dichlorotetrafluoroethane	2.848	85	1731764	8.773	ppbv	99
9) Propene	2.684	41	531286	8.840	ppbv	98
10) Heptane	7.587	43	1347381	9.727	ppbv	100
11) Trichlorofluoromethane	3.558	101	1801623	8.537	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.063	101	1344197	8.473	ppbv	98
13) Ethanol	3.240	45	33748m	6.101	ppbv	
14) Bromoethene	3.359	108	544909	9.252	ppbv	98
15) Acetone	3.462	43	1199528	8.293	ppbv	99
16) 1,3-Butadiene	2.977	39	629544	9.336	ppbv	98
17) tert-Butyl alcohol	3.874	59	1152053	8.553	ppbv	100
18) 1,1-Dichloroethene	3.877	96	595742	8.642	ppbv	100
19) Isopropyl Alcohol	3.571	45	574826	8.123	ppbv	99
20) Methylene Chloride	3.931	84	504322	7.903	ppbv	94
21) Allyl Chloride	3.996	41	868067	9.347	ppbv	96
22) trans-1,2-Dichloroethene	4.446	96	634893	9.014	ppbv	97
23) Vinyl Acetate	4.626	43	440811	9.402	ppbv #	97
24) 1,1-Dichloroethane	4.565	63	1252763	8.823	ppbv	99
25) Ethyl Acetate	5.205	43	2484665	9.751	ppbv	100
26) Hexane	5.214	57	1053735	9.449	ppbv	99
27) Carbon Disulfide	4.121	76	1478082	10.231	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	1126973	8.983	ppbv	99
29) Chloroform	5.279	83	1798223	10.086	ppbv	98
30) Cyclohexane	6.610	84	870590	9.821	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	1066463	9.879	ppbv	99
32) 1,1,1-Trichloroethane	6.009	97	1789119	9.873	ppbv	100
34) 2-Butanone	4.787	43	1366860	9.603	ppbv	100
35) Carbon Tetrachloride	6.500	117	1825414	10.729	ppbv	98
36) Benzene	6.378	78	2210167	9.925	ppbv	99
37) 1,2-Dichloroethane	5.812	62	1403049	9.803	ppbv	100
38) Trichloroethene	7.301	130	1294568	10.243	ppbv	98
39) 1,2-Dichloropropane	7.082	63	862418	9.901	ppbv	98
40) 1,4-Dioxane	7.298	88	304628	8.813	ppbv	73
41) Tetrahydrofuran	5.562	42	860864	10.479	ppbv	100
42) Bromodichloromethane	7.256	83	1977029	10.229	ppbv	96
43) Methyl Methacrylate	7.484	69	887468	10.860	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3670322	9.911	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	867060	11.899	ppbv	98

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Instrument :
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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 16 17:21:05 2023

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

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

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	1169603	11.746	ppbv	98
47) 1,1,2-Trichloroethane	8.912	97	924559	10.082	ppbv	98
48) Dibromochloromethane	9.722	129	1578816	10.712	ppbv	99
49) Bromoform	12.426	173	1203837	10.603	ppbv	100
50) 4-Methyl-2-Pentanone	8.192	43	2307113	10.305	ppbv	100
51) 2-Hexanone	9.565	43	1814913	10.700	ppbv #	99
52) Tetrachloroethene	10.632	164	747331	10.259	ppbv	96
53) Toluene	9.233	91	2514723	10.588	ppbv	100
54) 1,2-Dibromoethane	10.021	107	1041989	10.853	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.526	131	1128225	9.334	ppbv	96
57) Chlorobenzene	11.542	112	1903892	8.994	ppbv	99
58) Ethyl Benzene	12.105	91	3405794	9.827	ppbv	100
59) m/p-Xylene	12.391	91	5845032m	18.758	ppbv	
60) o-Xylene	13.076	91	2805908	9.487	ppbv	100
61) Styrene	12.915	104	1618617	10.502	ppbv	98
62) Isopropylbenzene	14.047	105	3892974	9.151	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	914315	8.514	ppbv	99
64) n-propylbenzene	14.934	120	982814	9.293	ppbv	99
65) tert-Butylbenzene	16.111	119	3307250	9.080	ppbv	100
66) Benzyl Chloride	16.346	91	214603	8.621	ppbv #	95
67) sec-Butylbenzene	16.658	105	4664116	9.033	ppbv	100
69) p-Isopropyltoluene	17.011	119	3721265	9.171	ppbv	100
70) n-Butylbenzene	17.905	91	4003918	9.150	ppbv	100
71) 2-Chlorotoluene	14.818	91	2979563	9.106	ppbv	100
72) 4-Ethyltoluene	15.211	105	3052504	9.301	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	2744540	9.287	ppbv	99
74) 1,2,4-Trimethylbenzene	16.130	105	2961238	9.046	ppbv	93
75) 1,3-Dichlorobenzene	16.349	146	1597523	8.787	ppbv	100
76) 1,4-Dichlorobenzene	16.494	146	1565183	8.756	ppbv	100
77) 1,2-Dichlorobenzene	17.166	146	1517941	8.730	ppbv	99
78) Hexachloro-1,3-Butadiene	22.654	225	1137816	8.934	ppbv	99
79) Naphthalene	21.407	128	2403894	12.819	ppbv	99
80) Naphthalene,2-methyl-	24.390	142	600875	9.509	ppbv	97
81) 1,2,4-Trichlorobenzene	21.166	180	1209342	10.463	ppbv	99

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

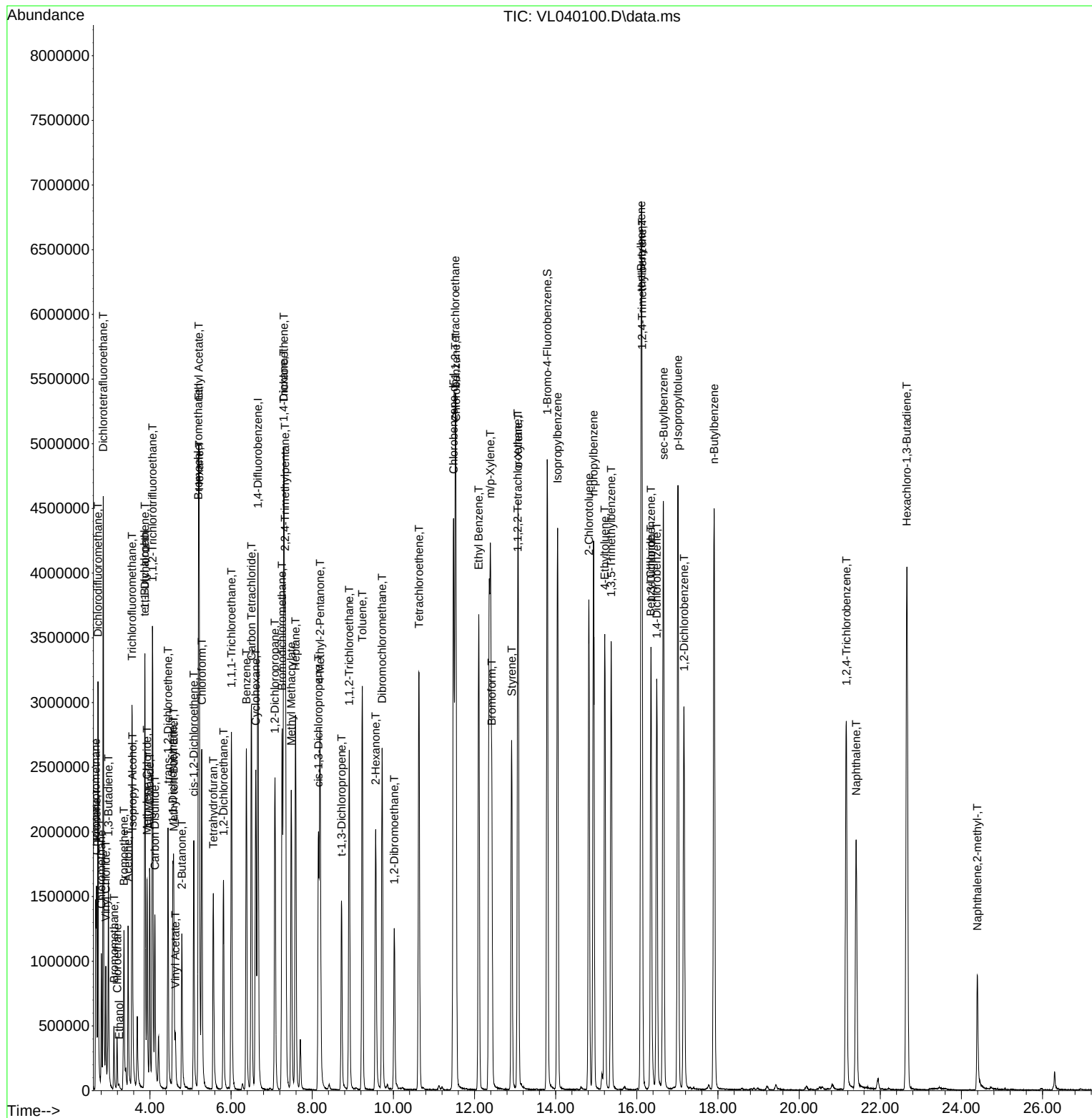
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
Data File : VL040100.D
Acq On : 16 Jan 2023 16:28
Operator : SY/MD
Sample : VL0116ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

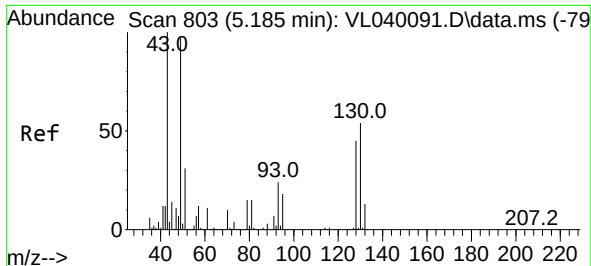
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

Quant Time: Jan 16 17:21:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jan 16 14:40:47 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

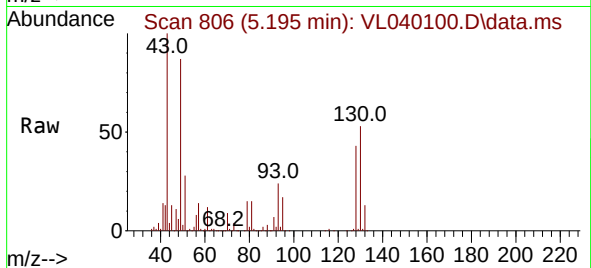
Reviewed By : Semsettin Yesilyurt 01/17/2023
Supervised By : Mahesh Dadoda 01/17/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

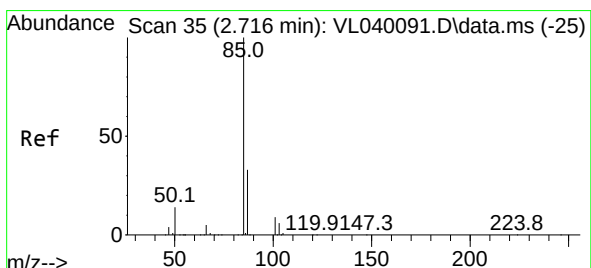
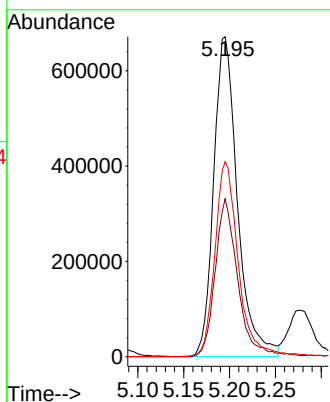
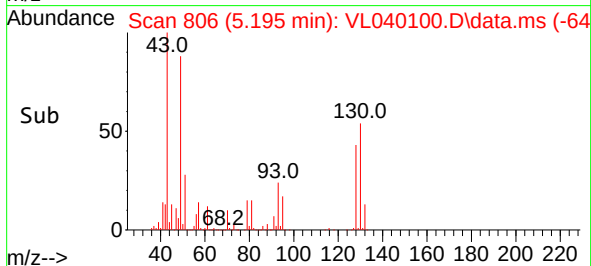
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



Tgt Ion: 49 Resp: 1206029
Ion Ratio Lower Upper
49 100
128 47.7 23.6 71.0
130 61.1 29.8 89.3

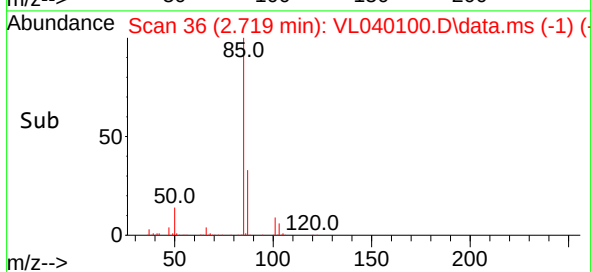
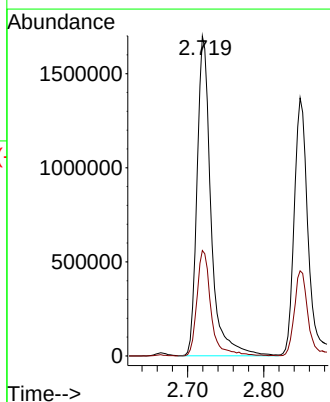
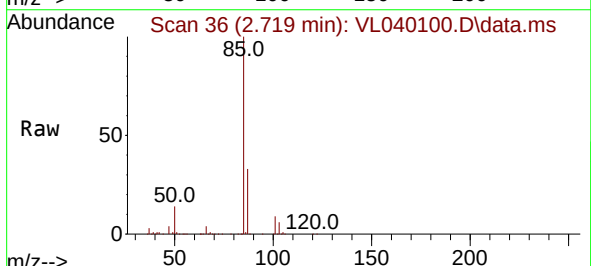
Manual Integrations
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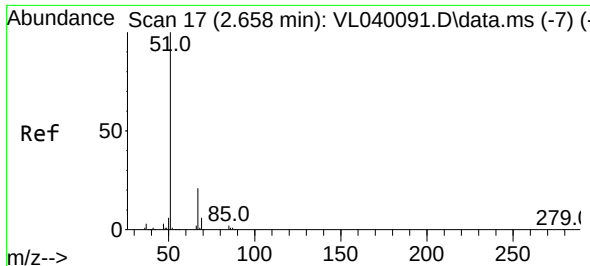
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#2
Dichlorodifluoromethane
Concen: 10.199 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.003 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 85 Resp: 2156666
Ion Ratio Lower Upper
85 100
87 32.9 26.5 39.7





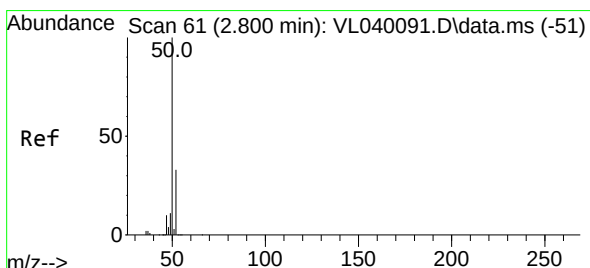
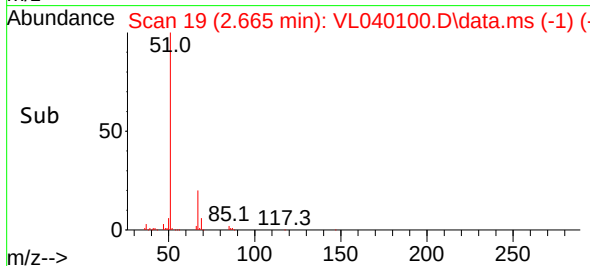
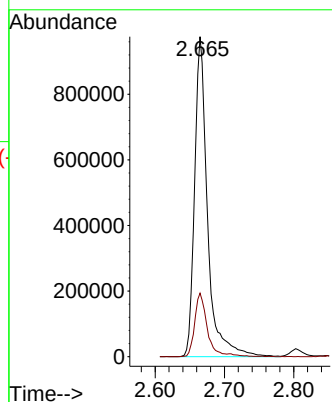
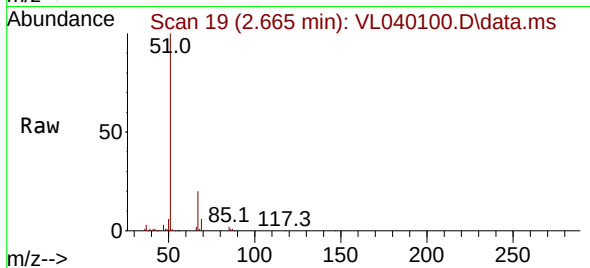
#3
Chlorodifluoromethane
Concen: 8.752 ppbv
RT: 2.665 min Scan# 19
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

Tgt Ion: 51 Resp: 1266054
Ion Ratio Lower Upper
51 100
67 19.7 16.4 24.6

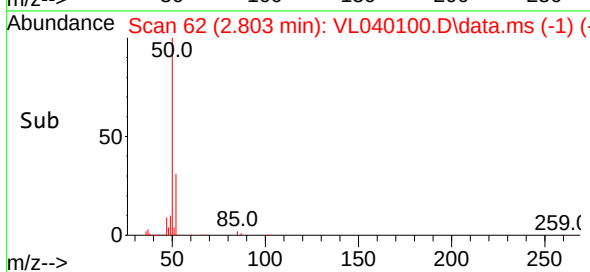
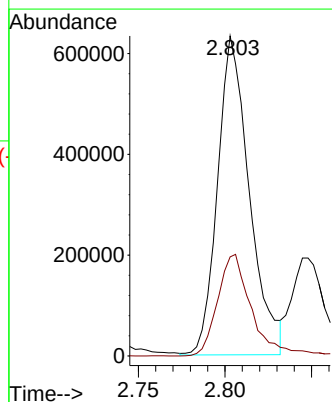
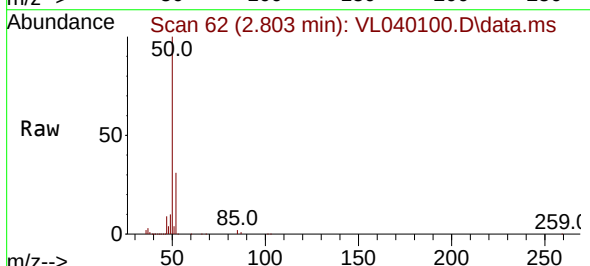
Manual Integrations
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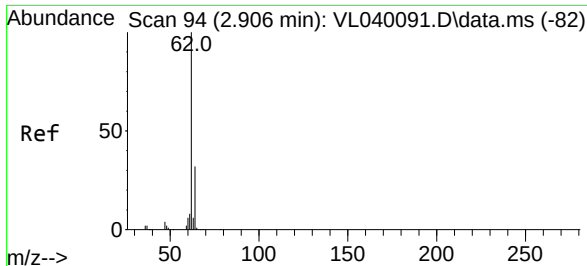
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#4
Chloromethane
Concen: 9.051 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

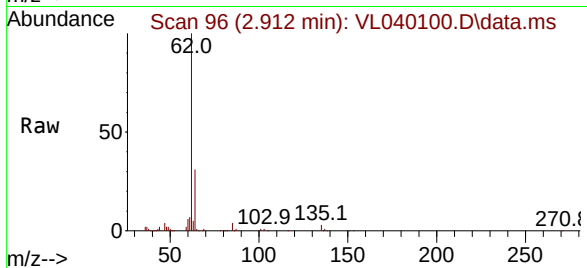
Tgt Ion: 50 Resp: 809159
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.262 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

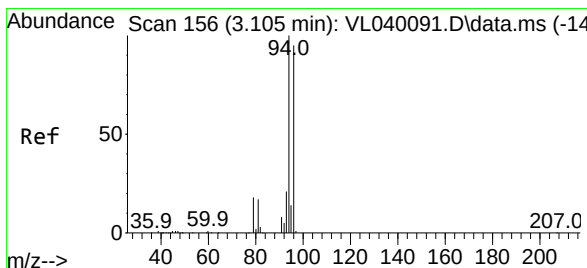
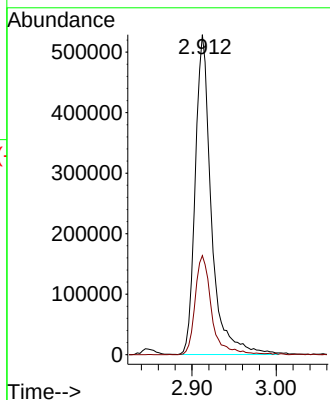
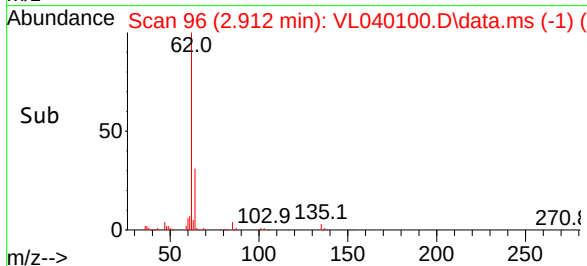
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABS01



Tgt Ion: 62 Resp: 70202
 Ion Ratio Lower Upper
 62 100
 64 31.0 25.8 38.6

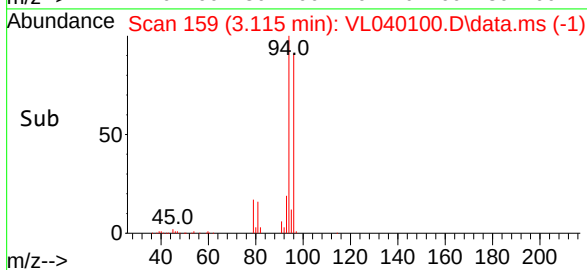
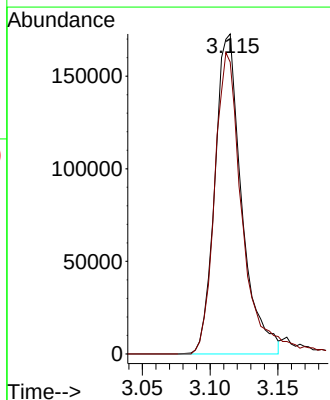
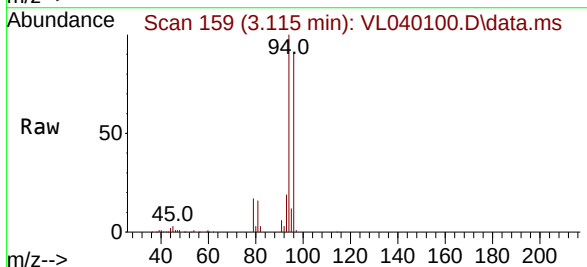
Manual Integrations
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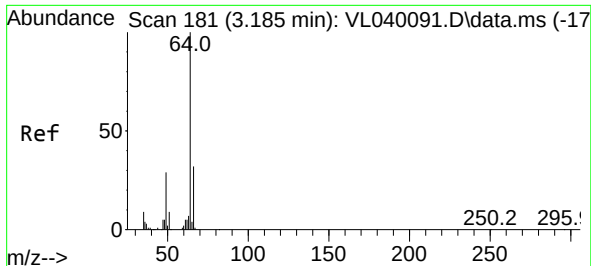
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#6
 Bromomethane
 Concen: 8.587 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.010 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

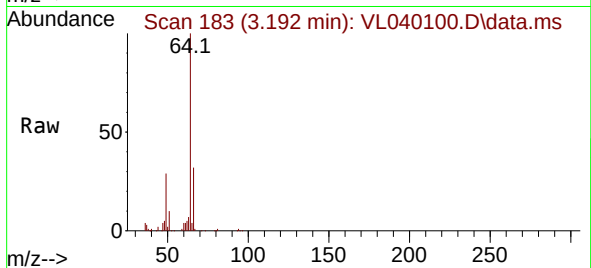
Tgt Ion: 94 Resp: 237489
 Ion Ratio Lower Upper
 94 100
 96 91.2 76.2 114.2





#7
Chloroethane
Concen: 8.942 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

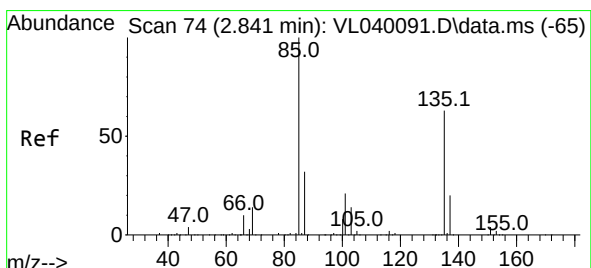
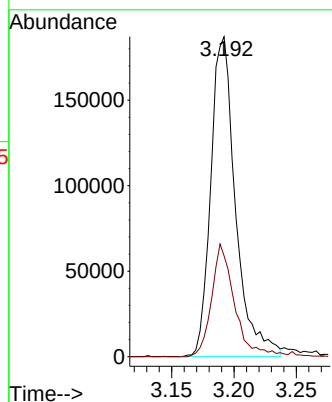
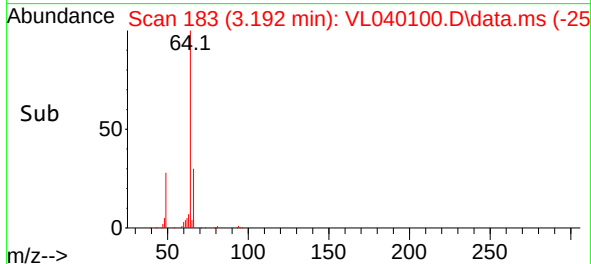
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



Tgt Ion: 64 Resp: 259074
Ion Ratio Lower Upper
64 100
66 31.6 25.6 38.4

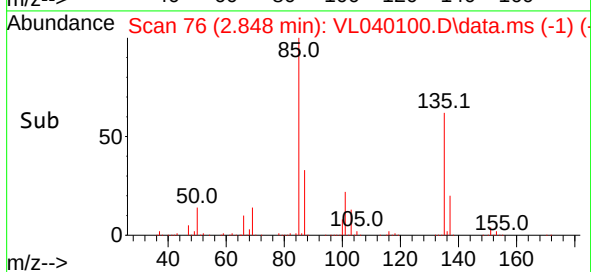
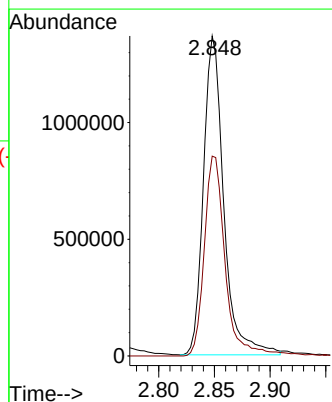
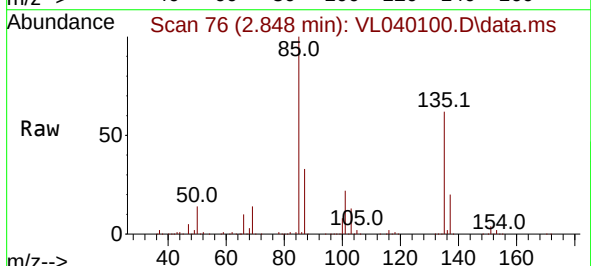
Manual Integrations
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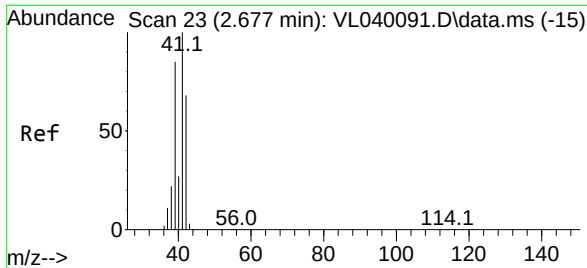
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#8
Dichlorotetrafluoroethane
Concen: 8.773 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

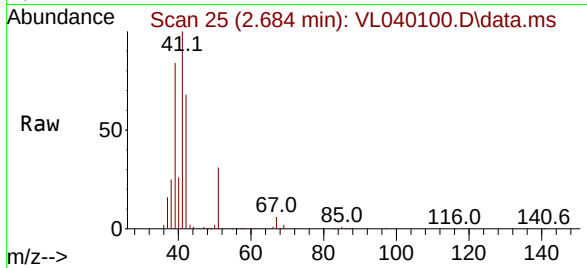
Tgt Ion: 85 Resp: 1731764
Ion Ratio Lower Upper
85 100
135 65.3 51.4 77.2





#9
 Propene
 Concen: 8.840 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

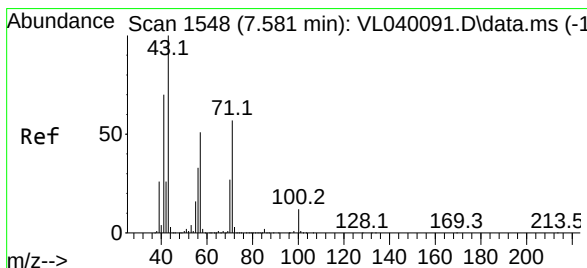
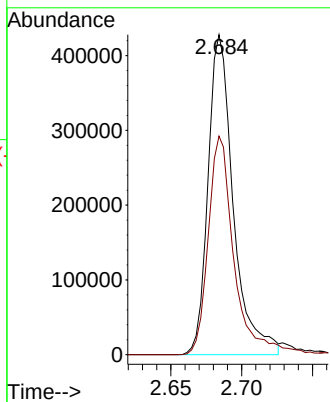
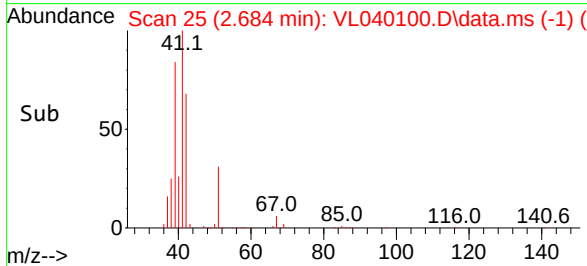
Instrument :
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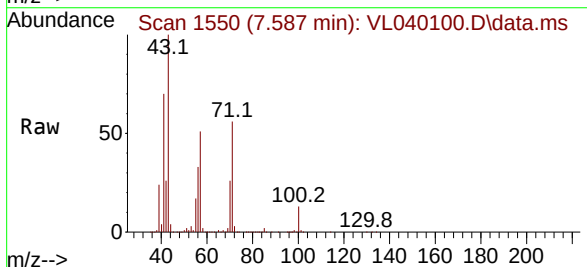
Tgt Ion: 41 Resp: 531280
 Ion Ratio Lower Upper
 41 100
 42 70.9 55.6 83.4

Manual Integrations
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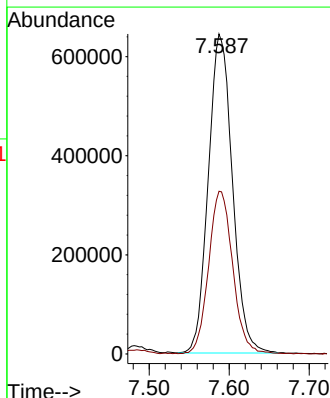
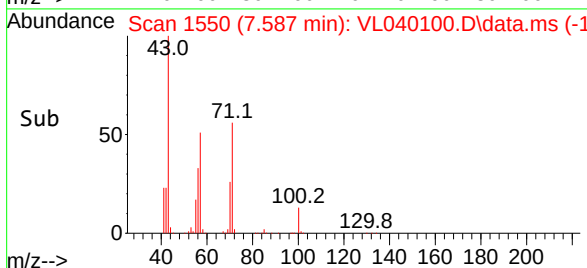
Reviewed By :Semsettin Yesilyurt 01/17/2023
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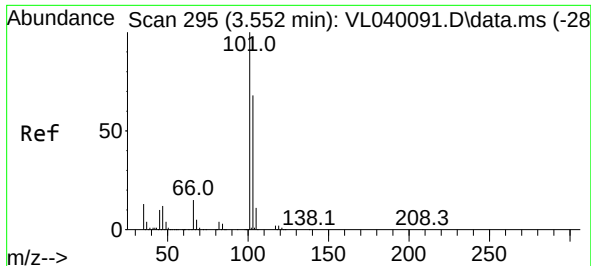


#10
 Heptane
 Concen: 9.727 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.006 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28



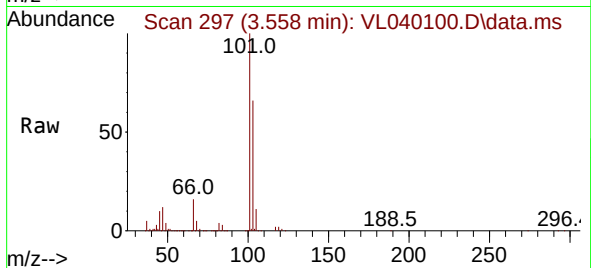
Tgt Ion: 43 Resp: 1347381
 Ion Ratio Lower Upper
 43 100
 57 51.4 40.9 61.3





#11
 Trichlorofluoromethane
 Concen: 8.537 ppbv
 RT: 3.558 min Scan# 295
 Delta R.T. 0.006 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

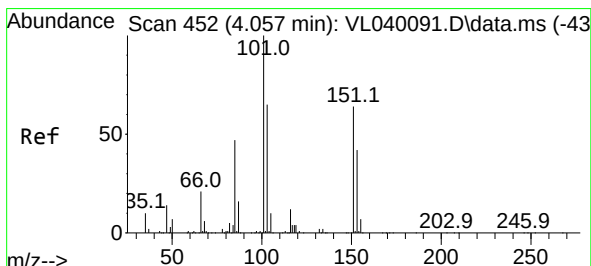
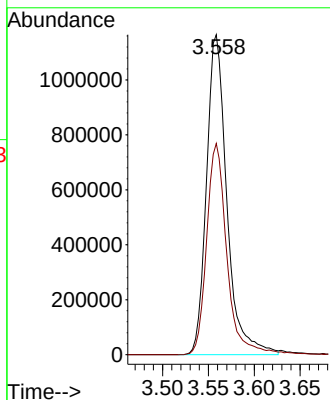
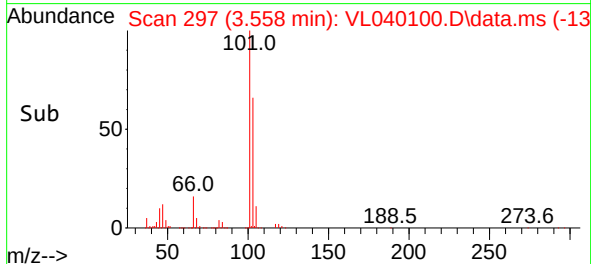
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABS01



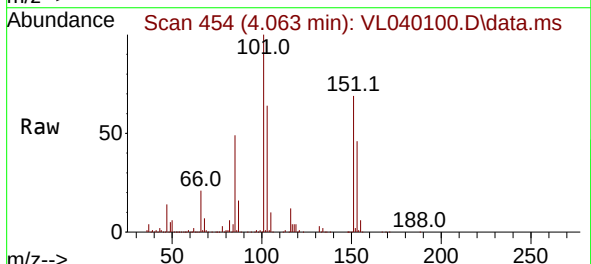
Tgt Ion:101 Resp: 180162
 Ion Ratio Lower Upper
 101 100
 103 66.0 54.0 81.0

Manual Integrations
 APPROVED

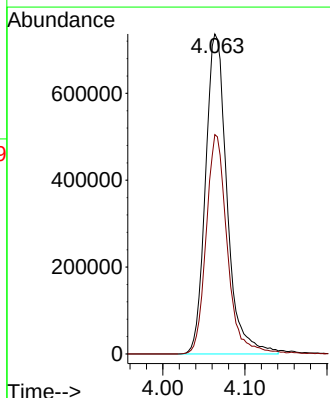
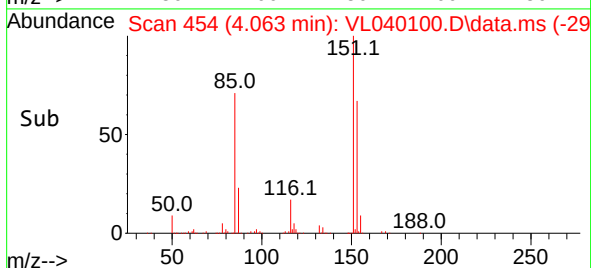
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

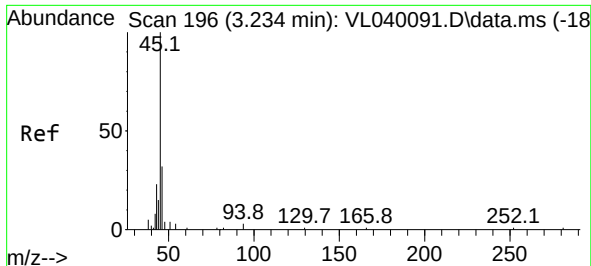


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.473 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.006 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28



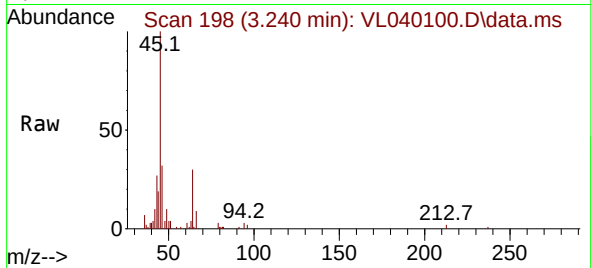
Tgt Ion:101 Resp: 1344197
 Ion Ratio Lower Upper
 101 100
 151 67.7 53.2 79.8





#13
Ethanol
Concen: 6.101 ppbv m
RT: 3.240 min Scan# 196
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

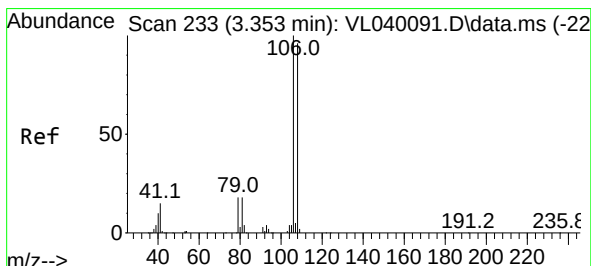
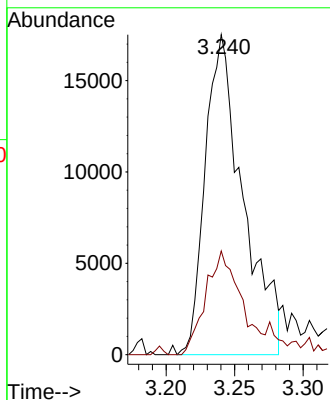
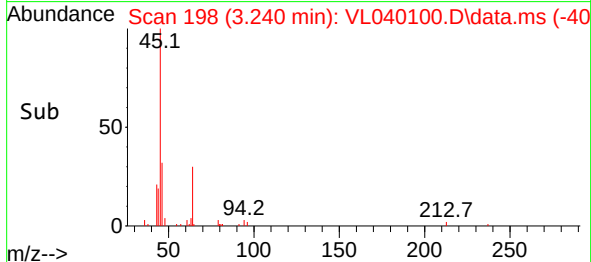
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



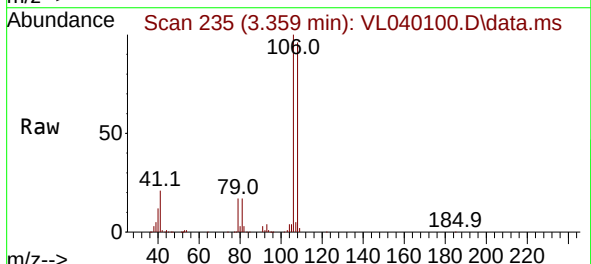
Tgt Ion: 45 Resp: 33748
Ion Ratio Lower Upper
45 100
46 37.6 14.8 59.2

Manual Integrations
APPROVED

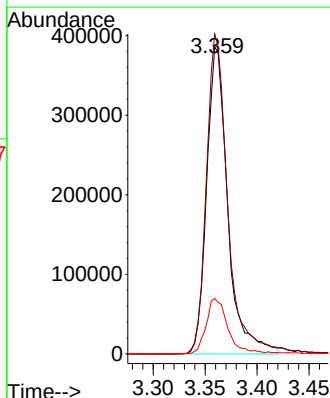
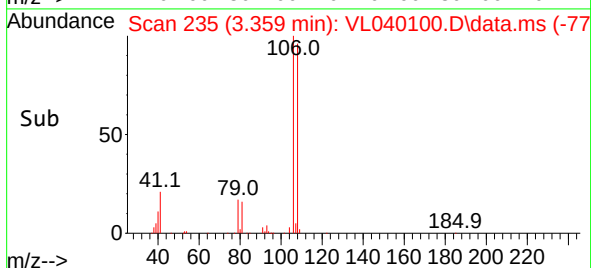
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

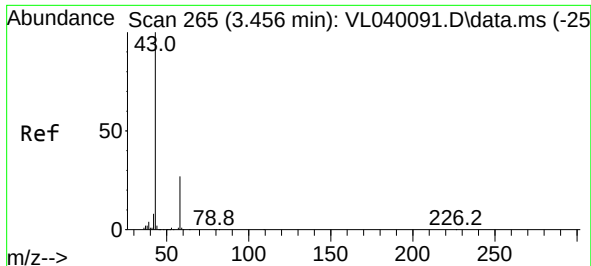


#14
Bromoethene
Concen: 9.252 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28



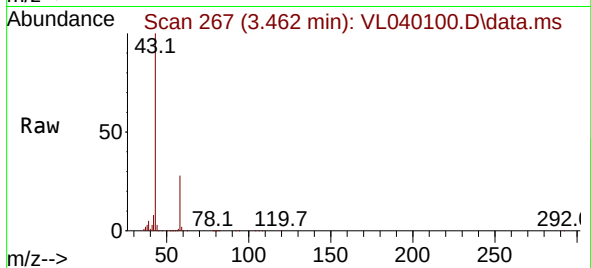
Tgt Ion:108 Resp: 544909
Ion Ratio Lower Upper
108 100
106 106.8 87.0 130.6
79 19.4 16.1 24.1





#15
Acetone
Concen: 8.293 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

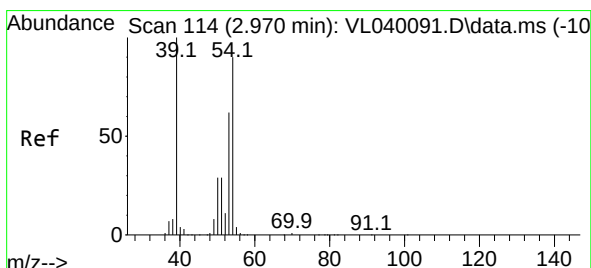
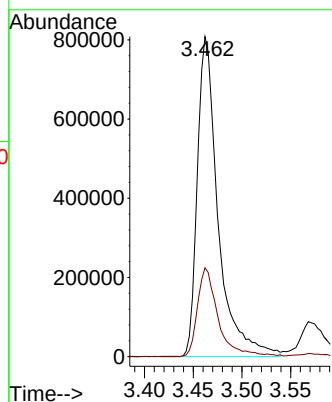
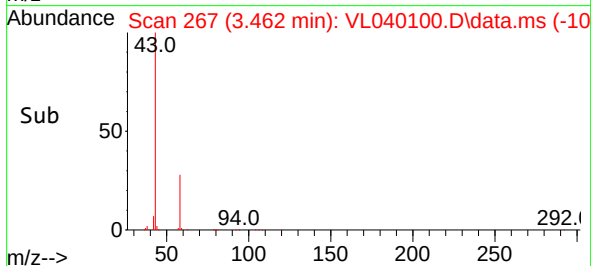
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



Tgt Ion: 43 Resp: 1199528
Ion Ratio Lower Upper
43 100
58 27.8 21.8 32.8

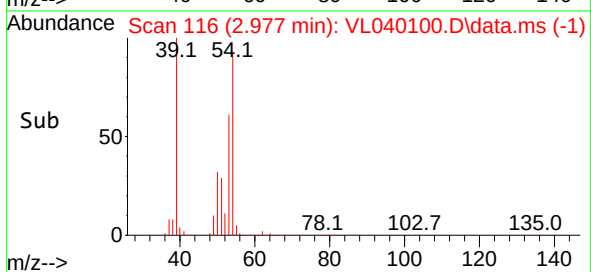
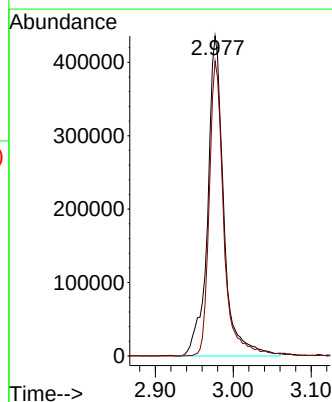
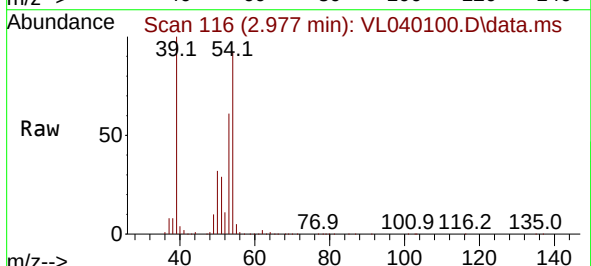
Manual Integrations
APPROVED

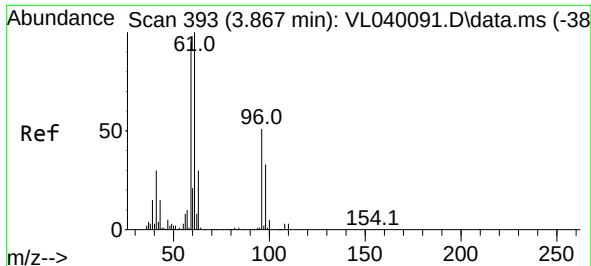
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#16
1,3-Butadiene
Concen: 9.336 ppbv
RT: 2.977 min Scan# 116
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 39 Resp: 629544
Ion Ratio Lower Upper
39 100
54 83.4 67.9 101.9





#17

tert-Butyl alcohol

Concen: 8.553 ppbv

RT: 3.874 min Scan# 395

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

Tgt Ion: 59 Resp: 115205

Ion Ratio Lower Upper

59 100

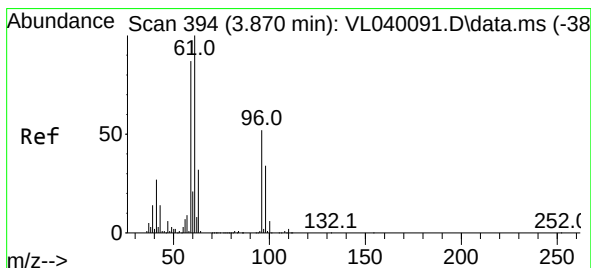
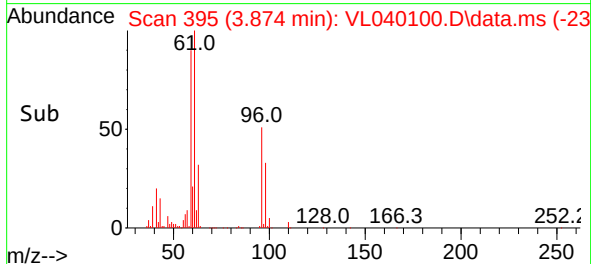
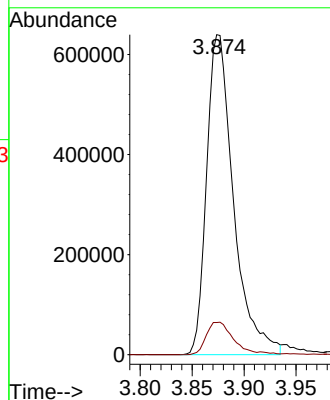
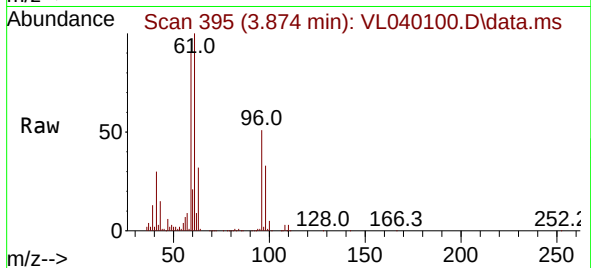
57 10.7 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#18

1,1-Dichloroethene

Concen: 8.642 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

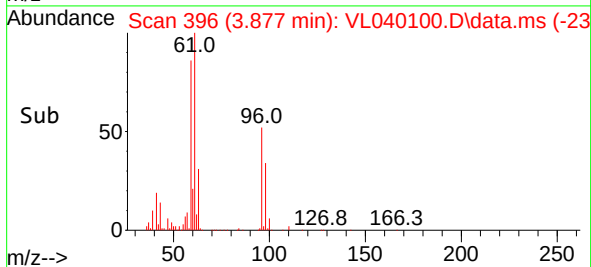
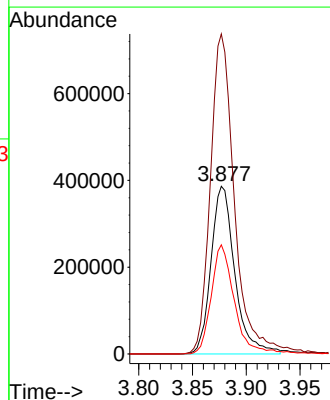
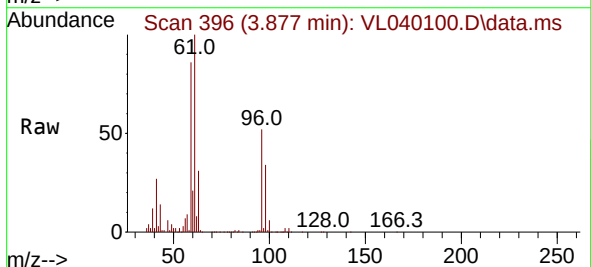
Tgt Ion: 96 Resp: 595742

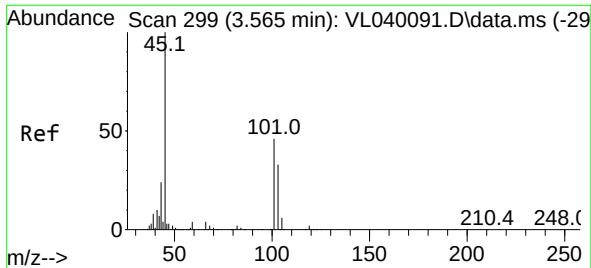
Ion Ratio Lower Upper

96 100

61 190.9 153.0 229.4

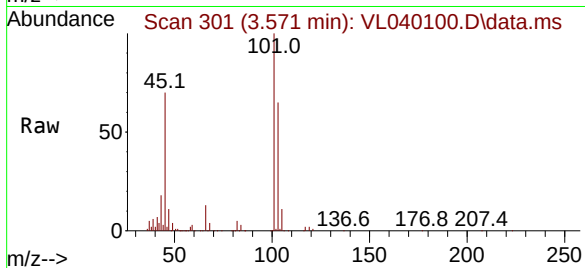
98 65.1 52.7 79.1





#19
Isopropyl Alcohol
Concen: 8.123 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

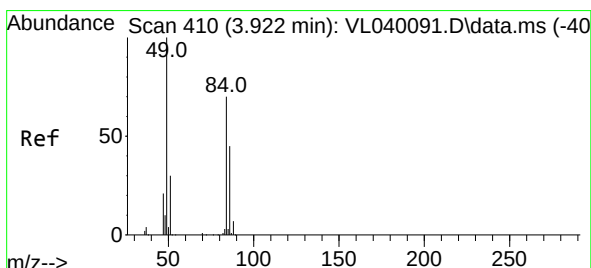
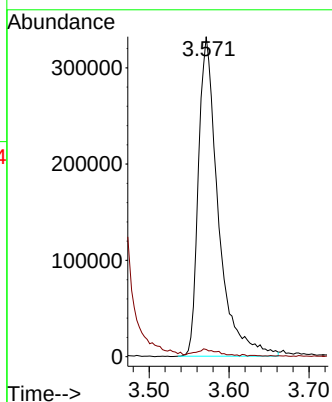
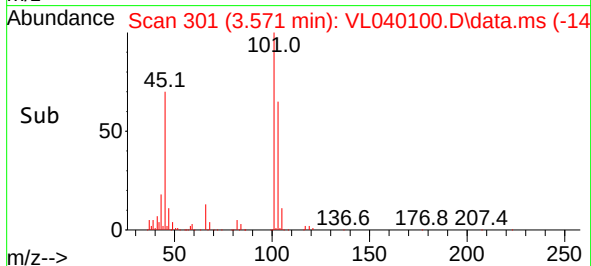
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



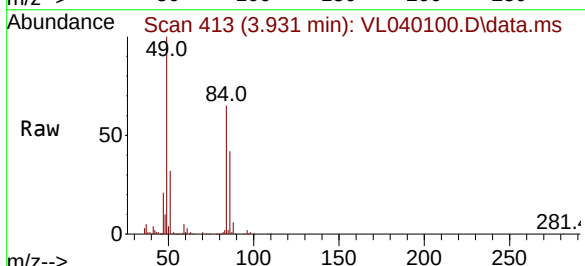
Tgt Ion: 45 Resp: 574820
Ion Ratio Lower Upper
45 100
58 2.9 2.6 4.0

Manual Integrations
APPROVED

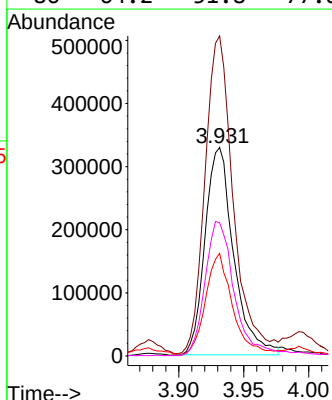
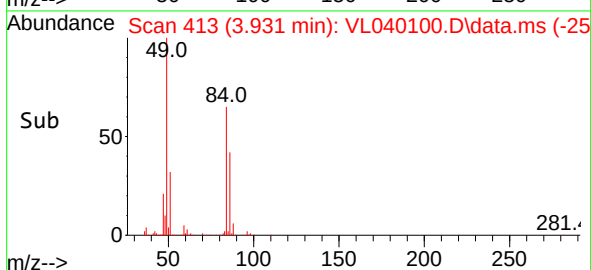
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

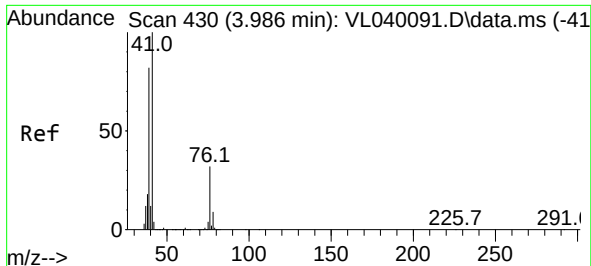


#20
Methylene Chloride
Concen: 7.903 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28



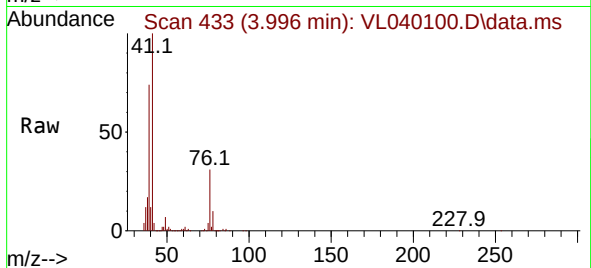
Tgt Ion: 84 Resp: 504322
Ion Ratio Lower Upper
84 100
49 153.2 114.6 171.8
51 48.4 34.3 51.5
86 64.2 51.8 77.8





#21
 Allyl Chloride
 Concen: 9.347 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

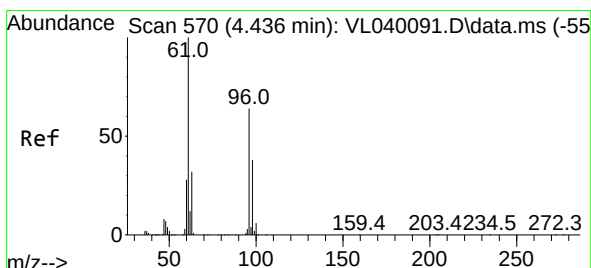
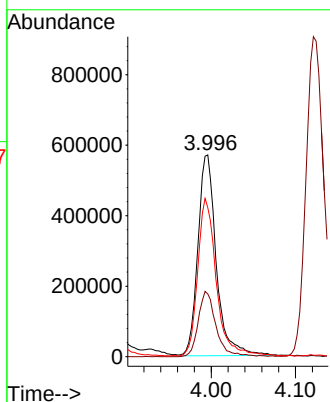
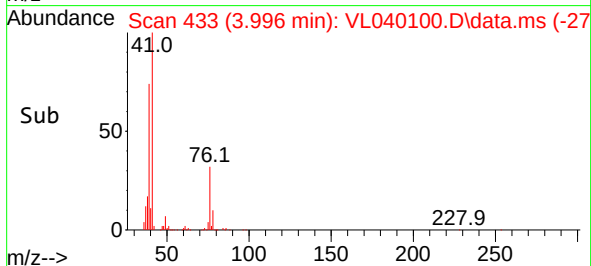
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABS01



Tgt Ion: 41 Resp: 86806
 Ion Ratio Lower Upper
 41 100
 76 31.4 25.9 38.9
 39 79.3 66.8 100.2

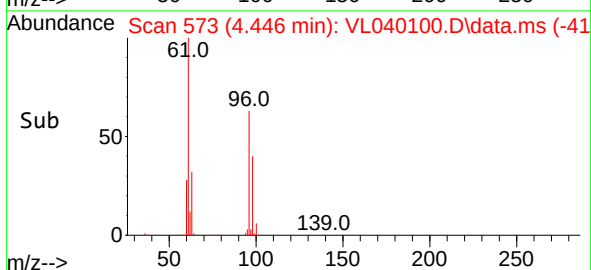
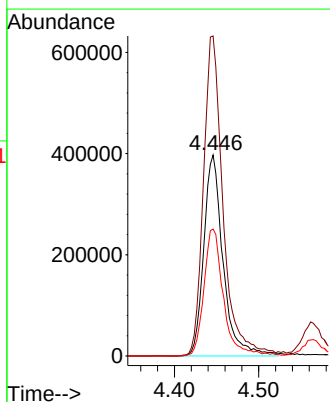
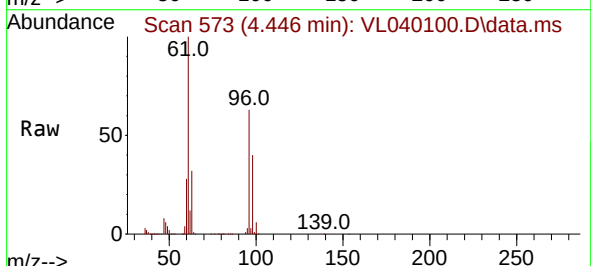
Manual Integrations
 APPROVED

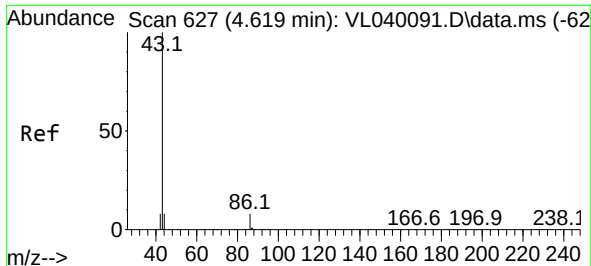
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.014 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.010 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

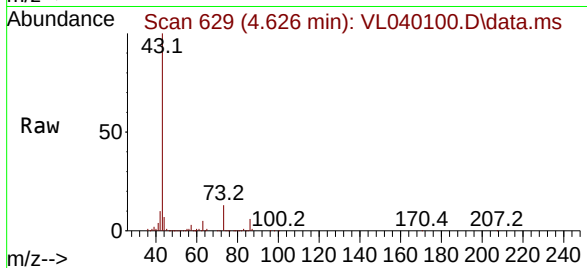
Tgt Ion: 96 Resp: 634893
 Ion Ratio Lower Upper
 96 100
 61 159.3 125.8 188.8
 98 63.1 47.4 71.2





#23
 Vinyl Acetate
 Concen: 9.402 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. 0.006 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

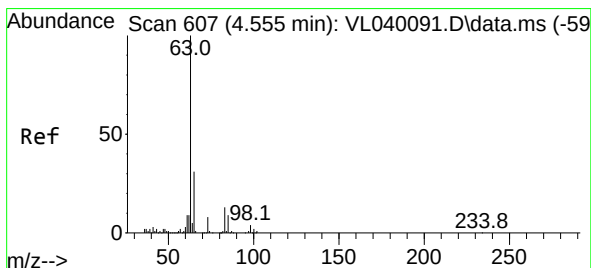
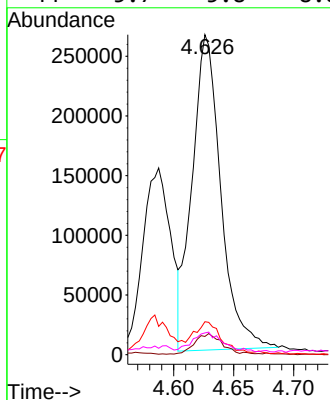
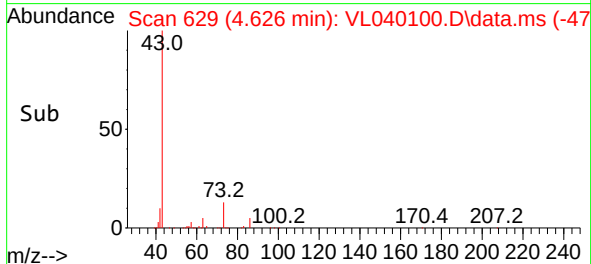
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABS01



Tgt Ion: 43 Resp: 440811
 Ion Ratio Lower Upper
 43 100
 86 5.5 5.6 8.4
 42 9.9 7.7 11.5
 44 5.7 5.8 8.8#

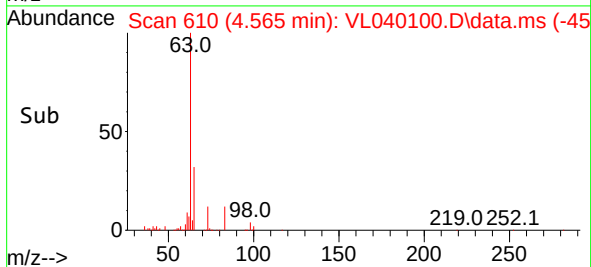
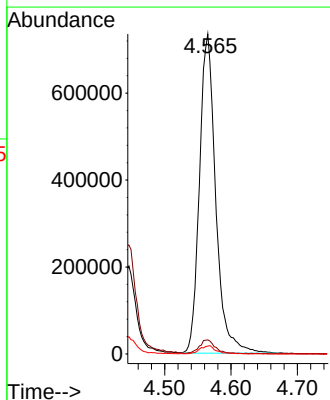
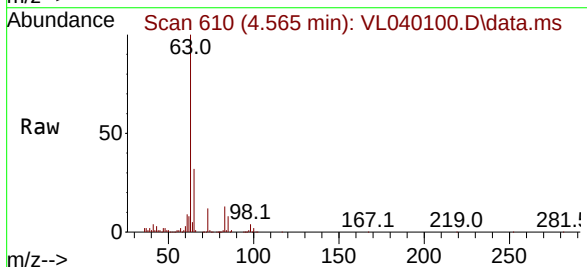
Manual Integrations
 APPROVED

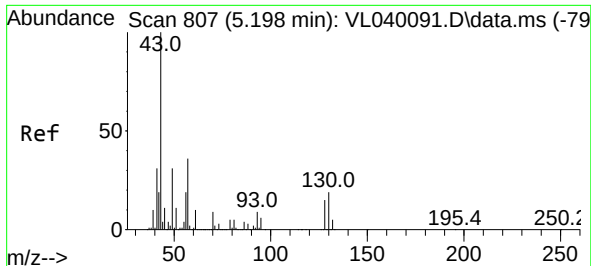
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#24
 1,1-Dichloroethane
 Concen: 8.823 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.010 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

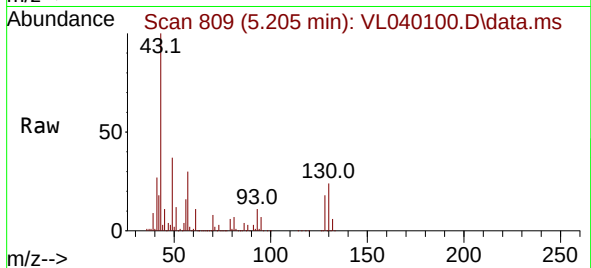
Tgt Ion: 63 Resp: 1252763
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.0 5.8
 100 2.4 1.1 3.5





#25
Ethyl Acetate
Concen: 9.751 ppbv
RT: 5.205 min Scan# 807
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

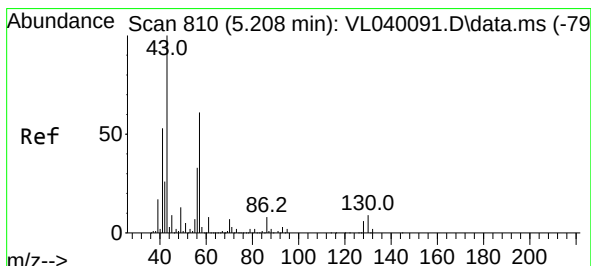
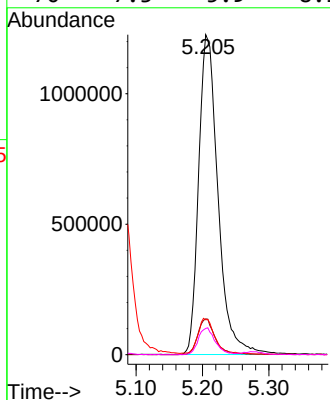
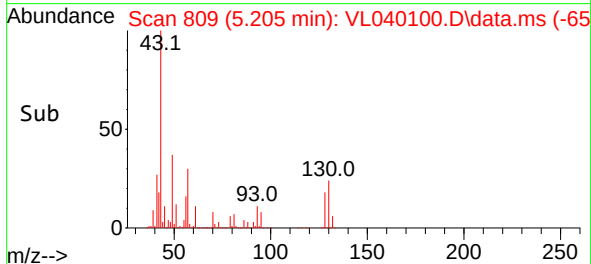
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



Tgt Ion: 43 Resp: 248466
Ion Ratio Lower Upper
43 100
45 10.3 8.5 12.7
61 10.5 8.4 12.6
70 7.3 5.9 8.9

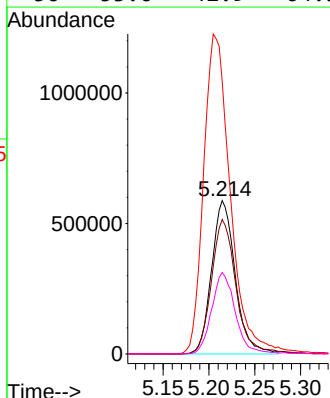
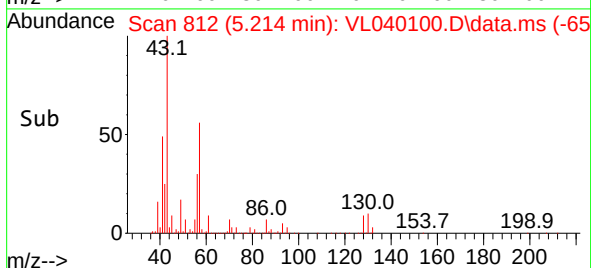
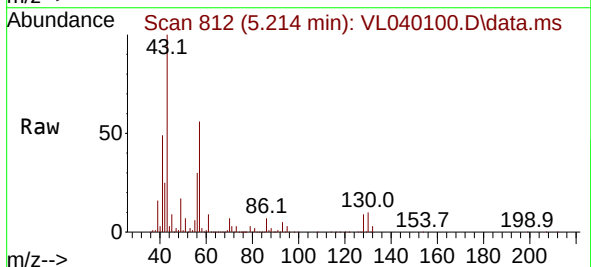
Manual Integrations
APPROVED

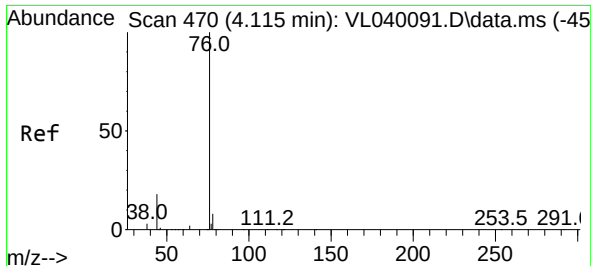
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#26
Hexane
Concen: 9.449 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

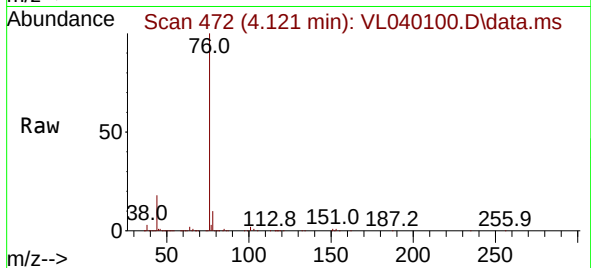
Tgt Ion: 57 Resp: 1053735
Ion Ratio Lower Upper
57 100
41 91.7 72.2 108.4
43 237.4 192.1 288.1
56 53.6 42.9 64.3





#27
Carbon Disulfide
Concen: 10.231 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

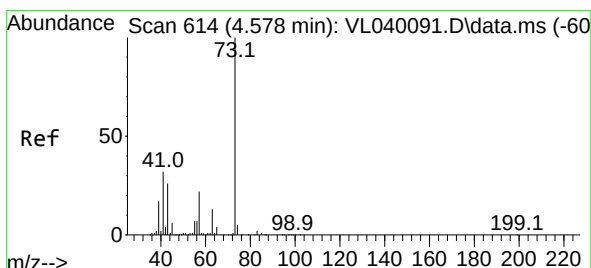
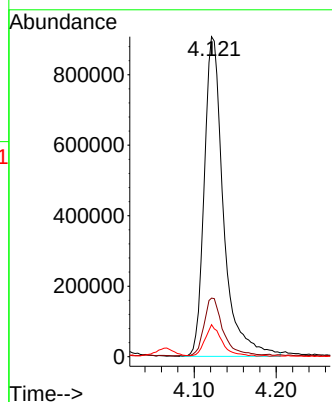
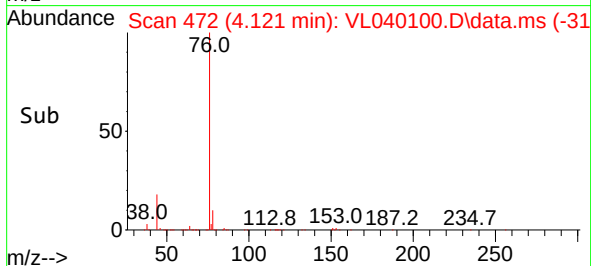
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



Tgt Ion: 76 Resp: 147808
Ion Ratio Lower Upper
76 100
44 18.5 14.9 22.3
78 9.6 8.2 12.2

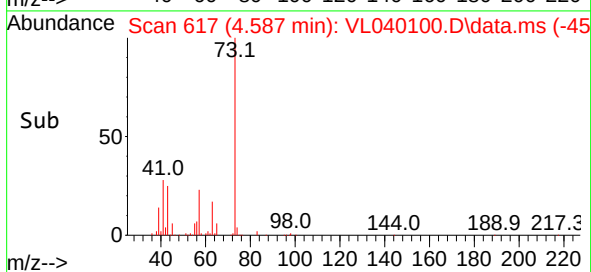
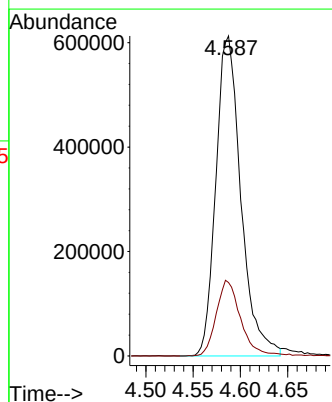
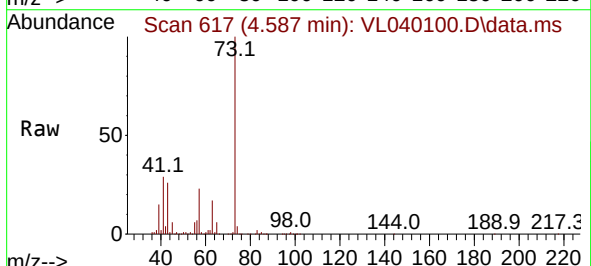
Manual Integrations
APPROVED

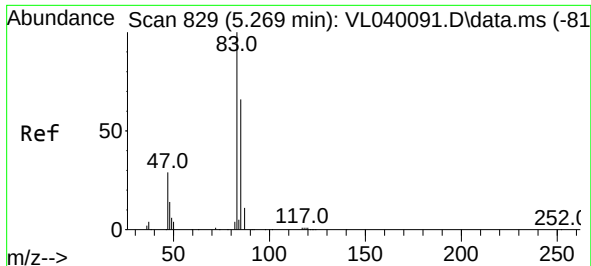
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#28
Methyl tert-Butyl Ether
Concen: 8.983 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 73 Resp: 1126973
Ion Ratio Lower Upper
73 100
57 23.4 18.3 27.5





#29

Chloroform

Concen: 10.086 ppbv

RT: 5.279 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL040100.D

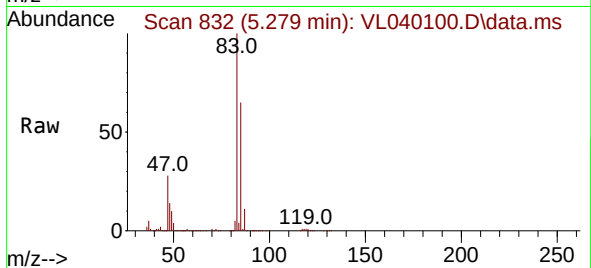
Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01



Tgt Ion: 83 Resp: 179822

Ion Ratio Lower Upper

83 100

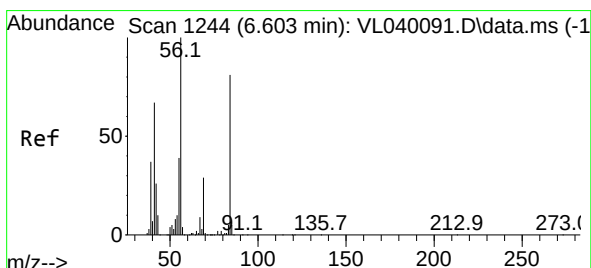
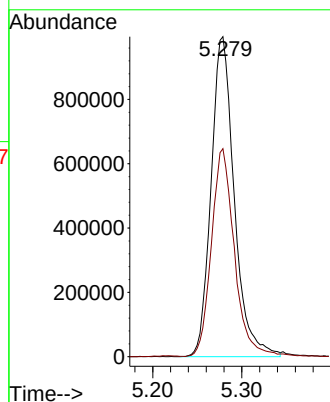
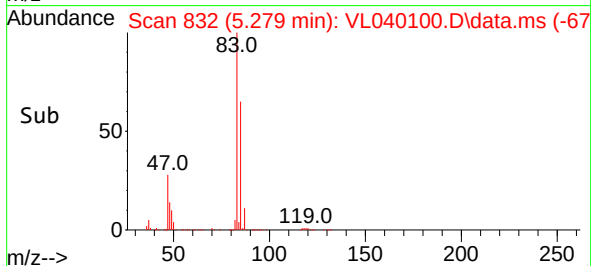
85 64.9 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#30

Cyclohexane

Concen: 9.821 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

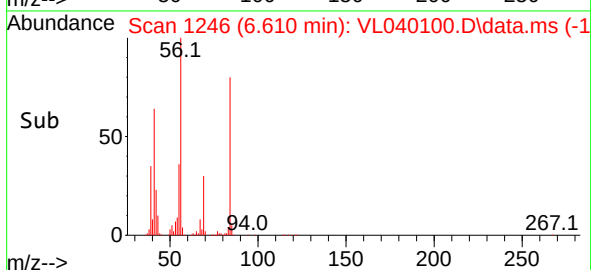
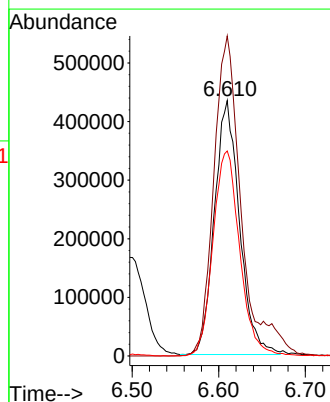
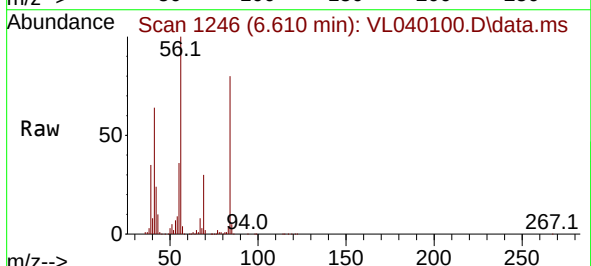
Tgt Ion: 84 Resp: 870590

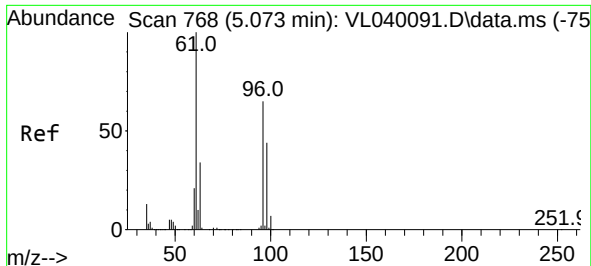
Ion Ratio Lower Upper

84 100

56 139.2 111.5 167.3

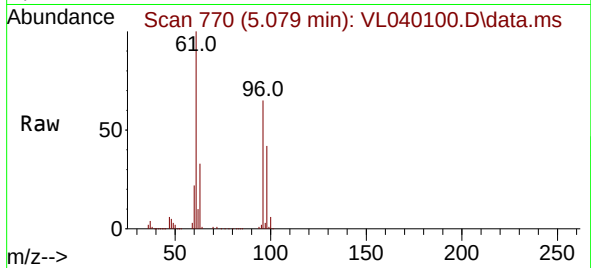
41 86.7 71.4 107.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.879 ppbv
 RT: 5.079 min Scan# 768
 Delta R.T. 0.006 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

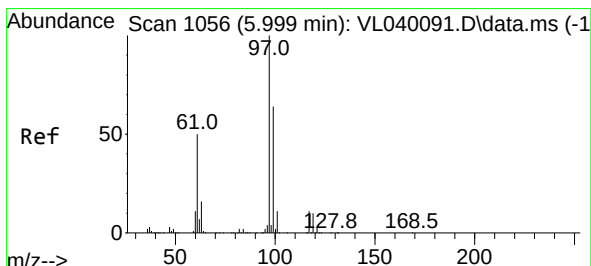
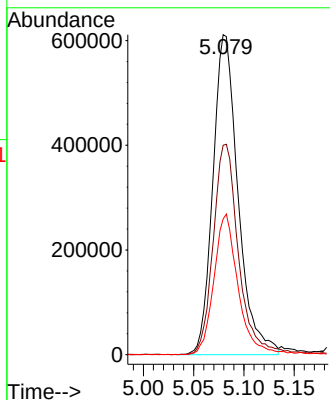
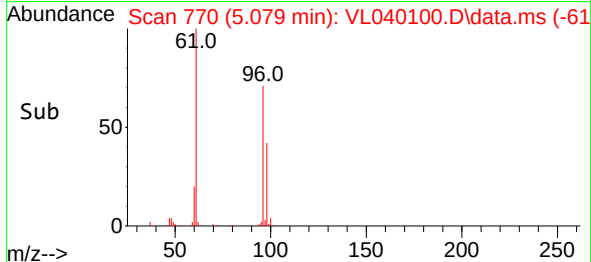
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABS01



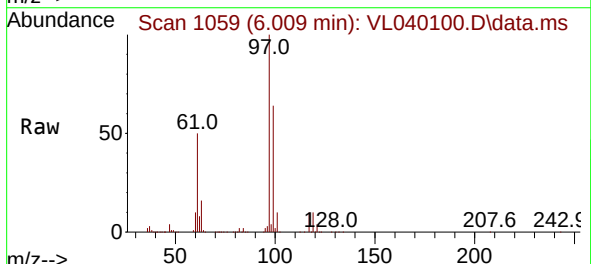
Tgt Ion: 61 Resp: 106646
 Ion Ratio Lower Upper
 61 100
 96 65.4 52.0 78.0
 98 42.4 35.3 52.9

Manual Integrations
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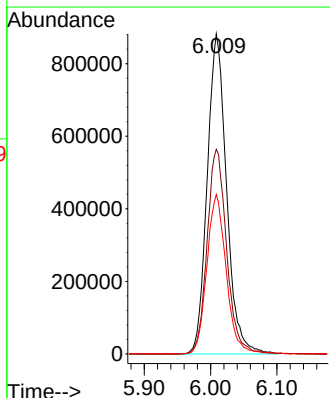
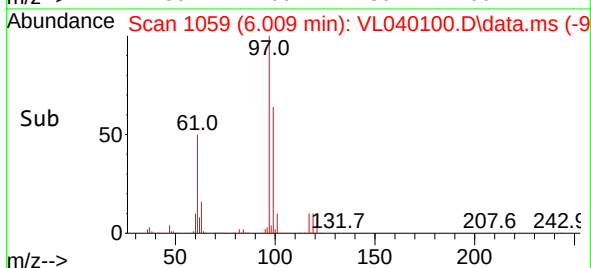
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

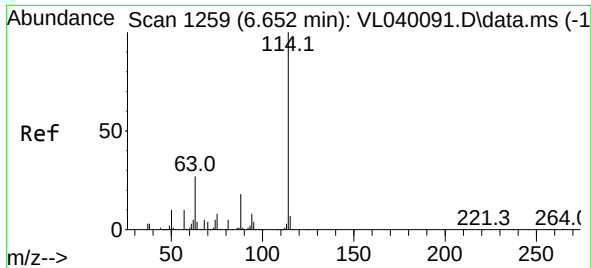


#32
 1,1,1-Trichloroethane
 Concen: 9.873 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. 0.010 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28



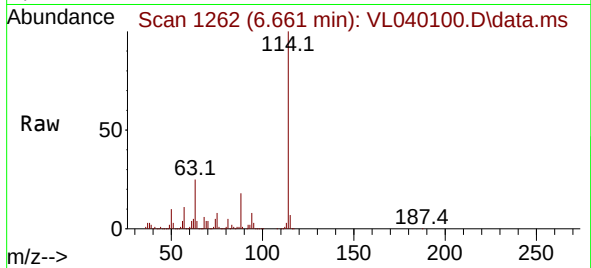
Tgt Ion: 97 Resp: 1789119
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.8 77.6
 61 50.2 40.4 60.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 114
Delta R.T. 0.009 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

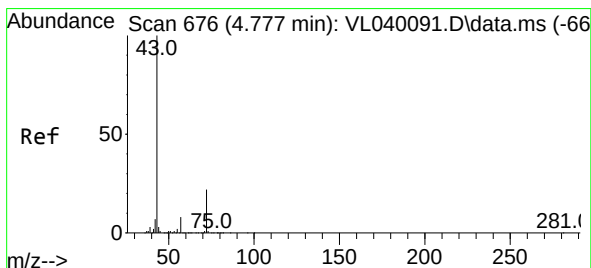
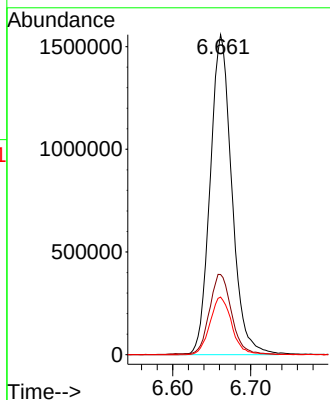
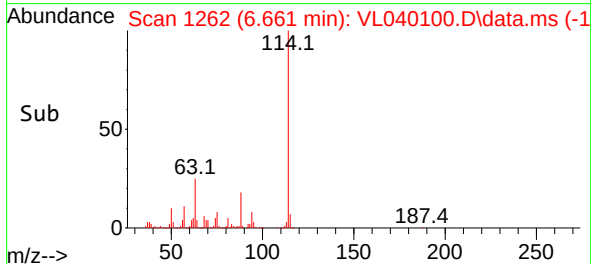
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



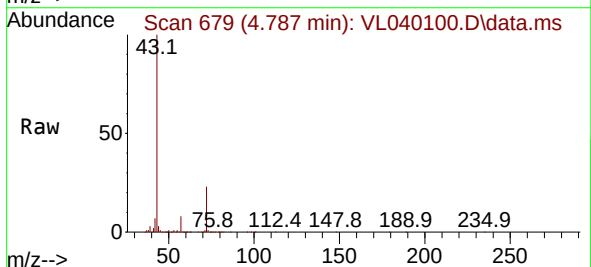
Tgt Ion:114 Resp: 300909
Ion Ratio Lower Upper
114 100
63 26.2 21.8 32.8
88 18.2 14.8 22.2

Manual Integrations
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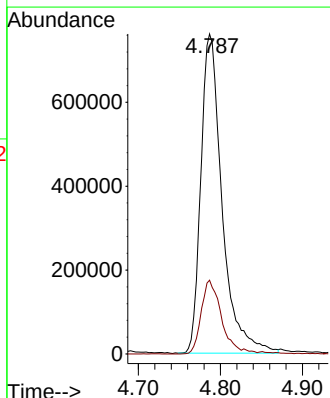
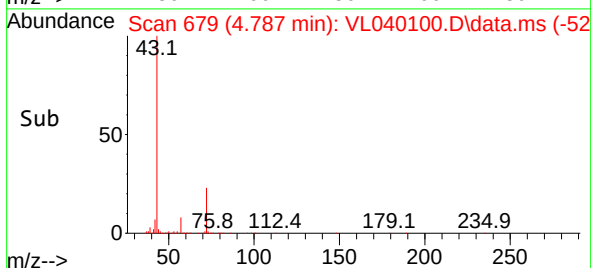
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

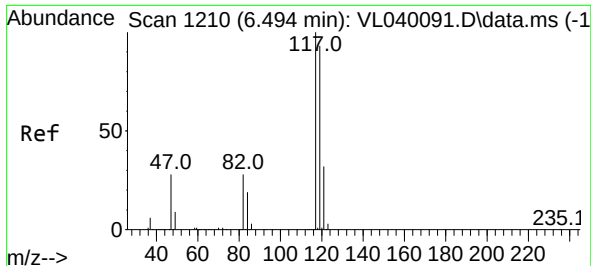


#34
2-Butanone
Concen: 9.603 ppbv
RT: 4.787 min Scan# 679
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28



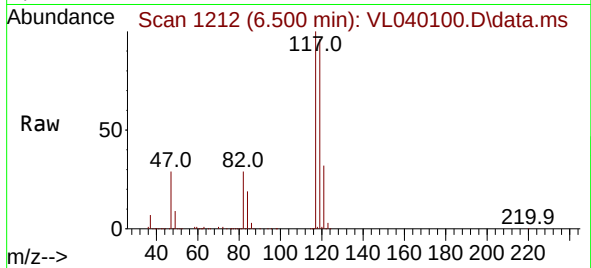
Tgt Ion: 43 Resp: 1366860
Ion Ratio Lower Upper
43 100
72 22.8 18.4 27.6





#35
Carbon Tetrachloride
Concen: 10.729 ppbv
RT: 6.500 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

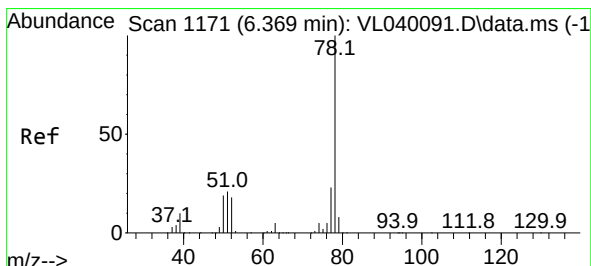
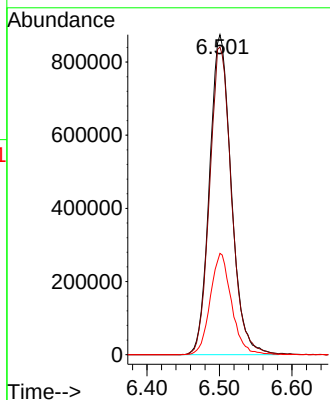
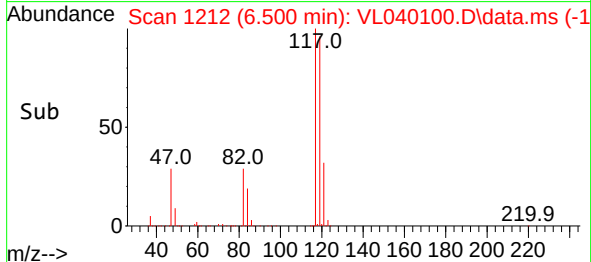
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



Tgt Ion: 117 Resp: 1825414
Ion Ratio Lower Upper
117 100
119 96.1 74.5 111.7
121 31.7 25.4 38.0

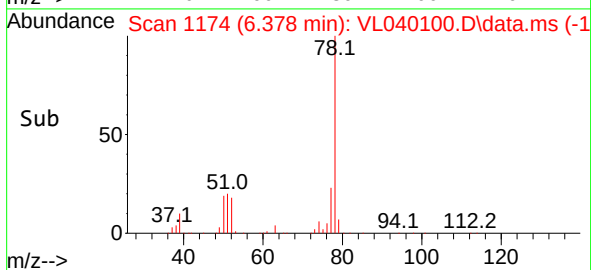
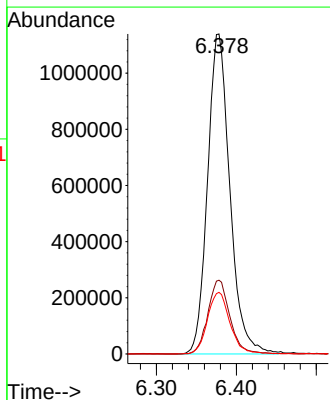
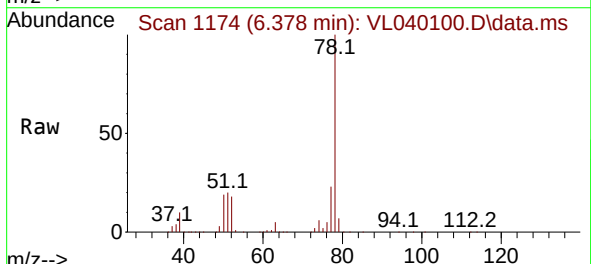
Manual Integrations
APPROVED

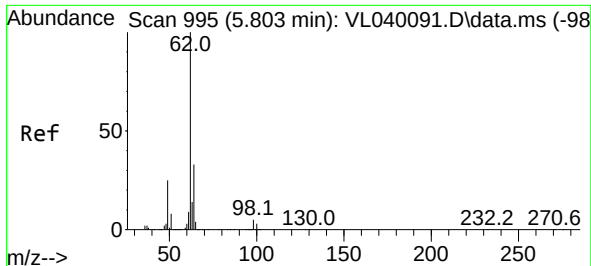
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#36
Benzene
Concen: 9.925 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 78 Resp: 2210167
Ion Ratio Lower Upper
78 100
77 23.0 18.1 27.1
50 19.2 15.6 23.4





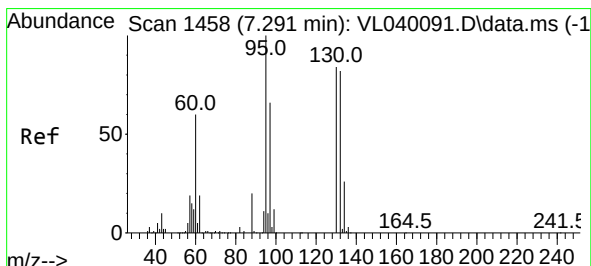
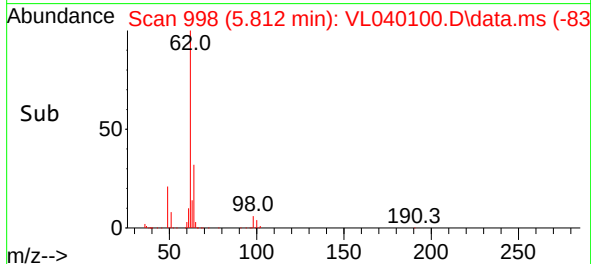
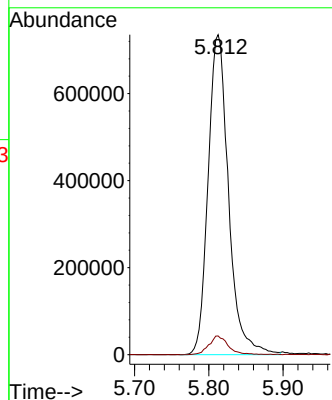
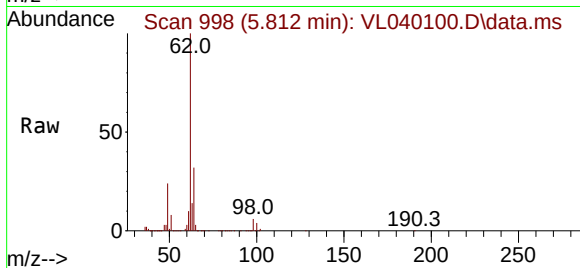
#37
1,2-Dichloroethane
Concen: 9.803 ppbv
RT: 5.812 min Scan# 995
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

Tgt Ion: 62 Resp: 1403049
Ion Ratio Lower Upper
62 100
98 5.6 4.4 6.6

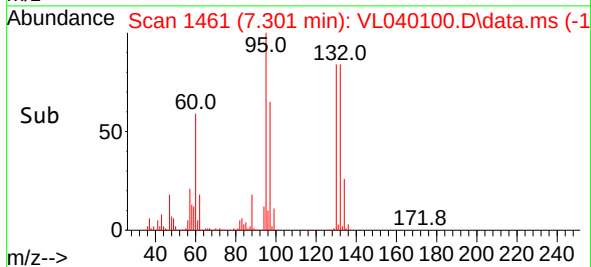
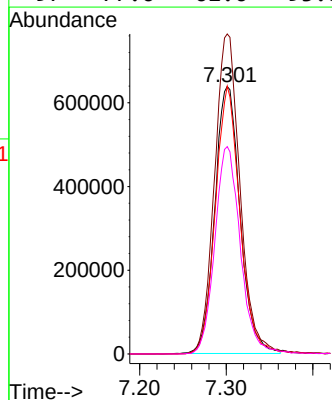
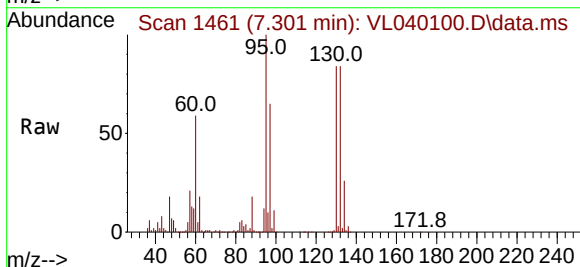
Manual Integrations
APPROVED

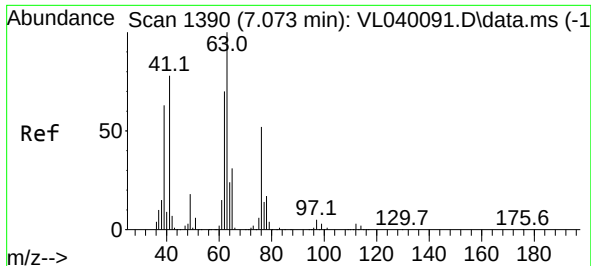
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#38
Trichloroethene
Concen: 10.243 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion:130 Resp: 1294568
Ion Ratio Lower Upper
130 100
95 119.8 95.0 142.6
132 100.3 77.9 116.9
97 77.6 62.6 93.8





#39

1,2-Dichloropropane

Concen: 9.901 ppbv

RT: 7.082 min Scan# 1390

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

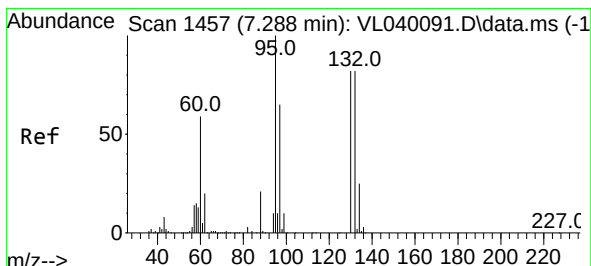
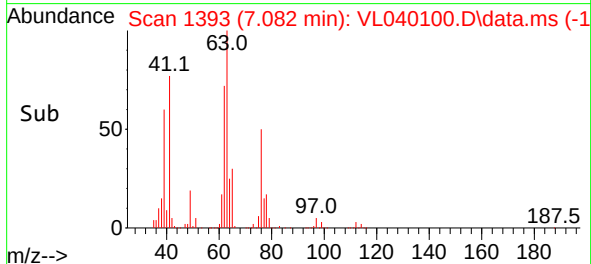
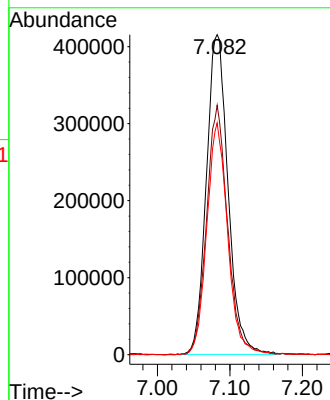
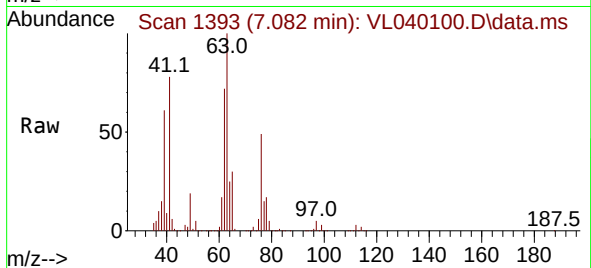
VL0116ABS01

Tgt Ion:	63	Resp:	862418
Ion	Ratio	Lower	Upper
63	100		
41	78.0	62.2	93.4
62	72.5	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#40

1,4-Dioxane

Concen: 8.813 ppbv

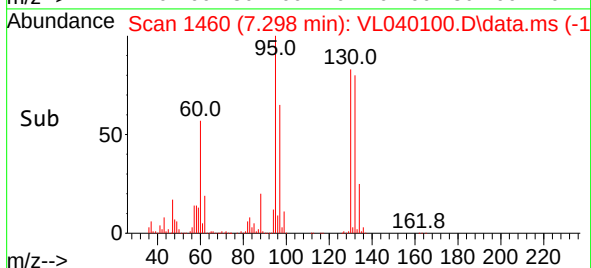
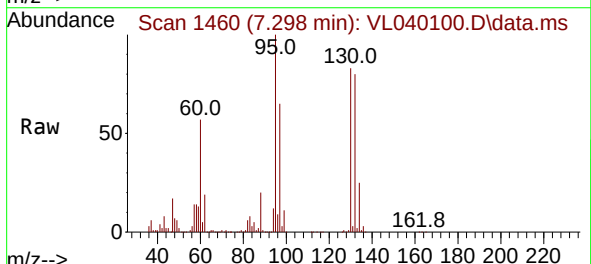
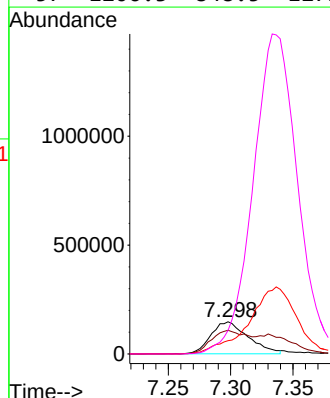
RT: 7.298 min Scan# 1460

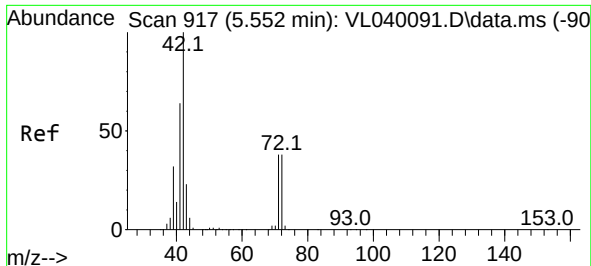
Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

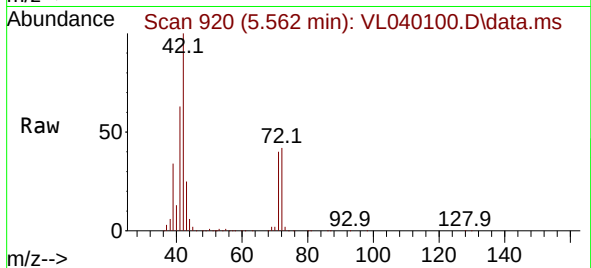
Tgt Ion:	88	Resp:	304628
Ion	Ratio	Lower	Upper
88	100		
58	132.6	97.5	146.3
43	269.7	195.0	292.4
57	1206.3	848.5	1272.7





#41
Tetrahydrofuran
Concen: 10.479 ppbv
RT: 5.562 min Scan# 917
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

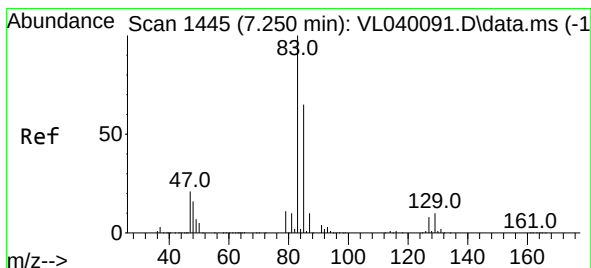
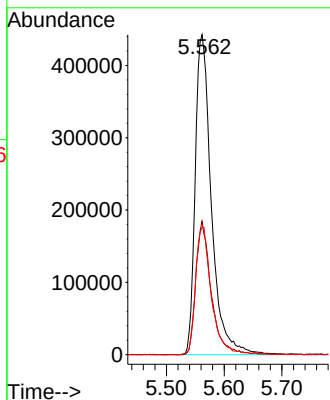
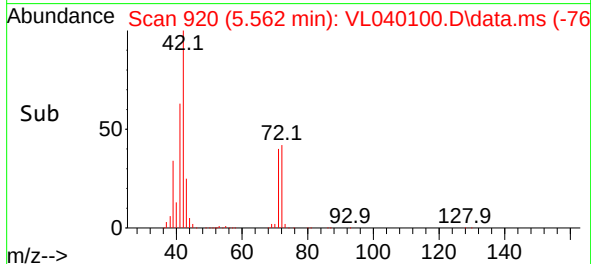
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



Tgt Ion: 42 Resp: 860864
Ion Ratio Lower Upper
42 100
72 39.9 31.9 47.9
71 39.5 31.4 47.2

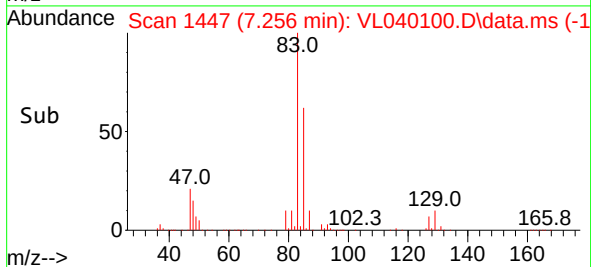
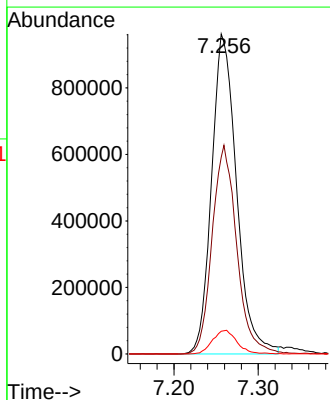
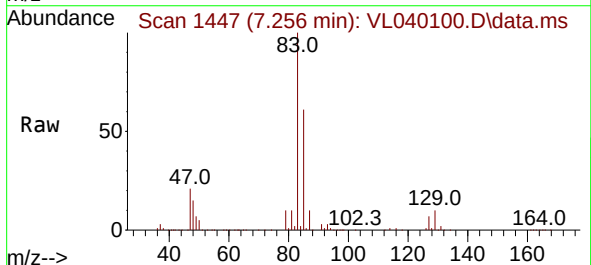
Manual Integrations
APPROVED

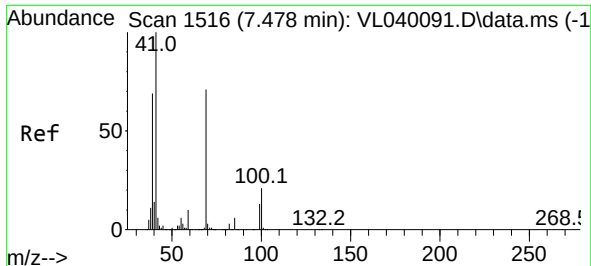
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#42
Bromodichloromethane
Concen: 10.229 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

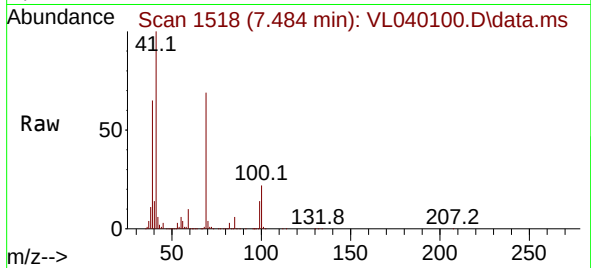
Tgt Ion: 83 Resp: 1977029
Ion Ratio Lower Upper
83 100
85 61.5 51.7 77.5
127 7.1 6.2 9.2





#43
Methyl Methacrylate
Concen: 10.860 ppbv
RT: 7.484 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

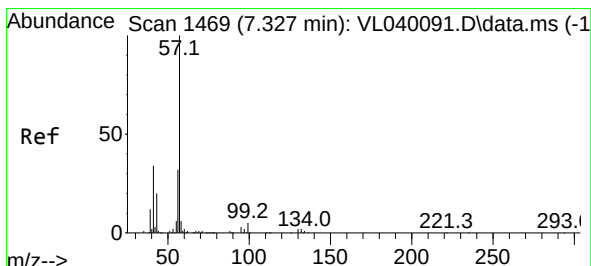
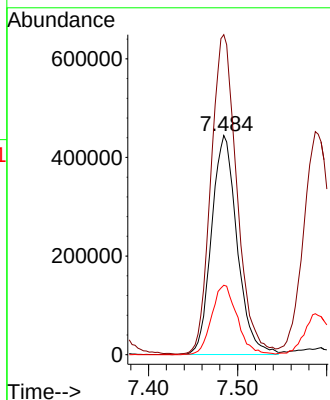
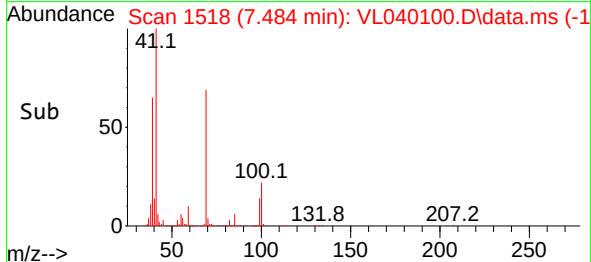
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



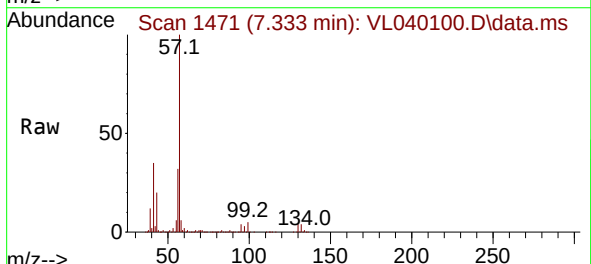
Tgt Ion: 69 Resp: 887468
Ion Ratio Lower Upper
69 100
41 148.4 118.2 177.2
100 31.7 24.2 36.4

Manual Integrations
APPROVED

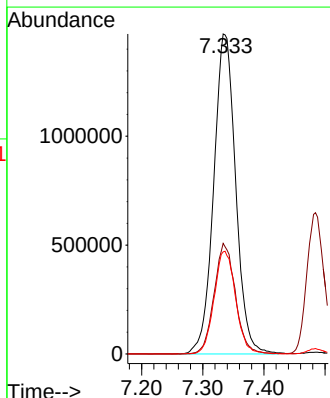
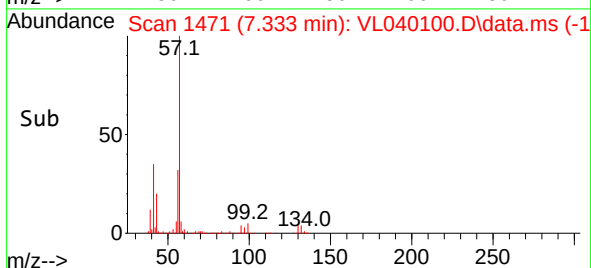
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

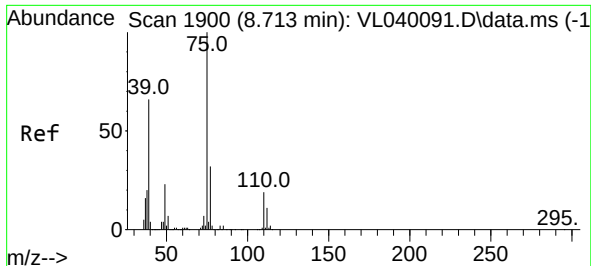


#44
2,2,4-Trimethylpentane
Concen: 9.911 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28



Tgt Ion: 57 Resp: 3670322
Ion Ratio Lower Upper
57 100
41 33.5 27.1 40.7
56 31.5 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 11.899 ppbv

RT: 8.722 min Scan# 1900

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

Tgt Ion: 75 Resp: 867060

Ion Ratio Lower Upper

75 100

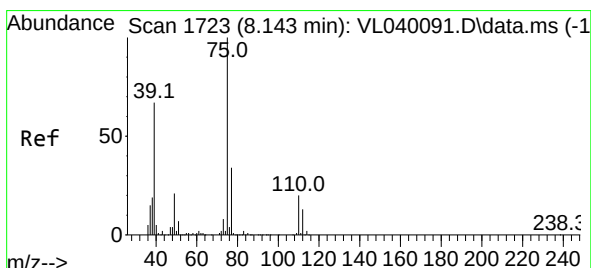
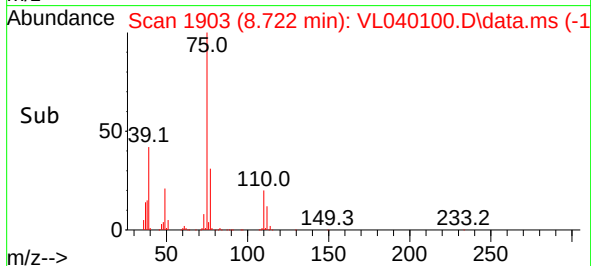
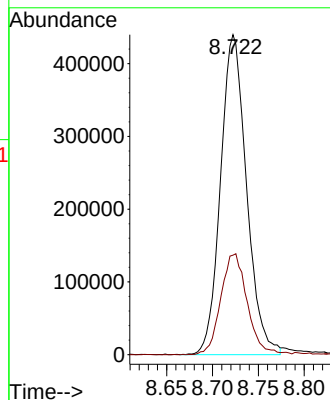
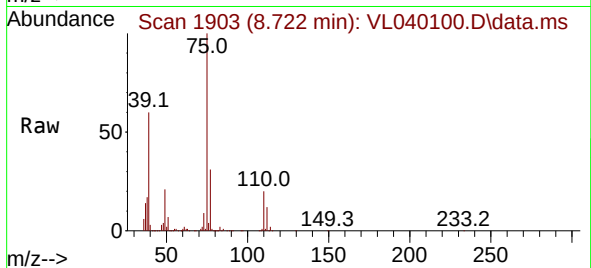
77 31.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#46

cis-1,3-Dichloropropene

Concen: 11.746 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

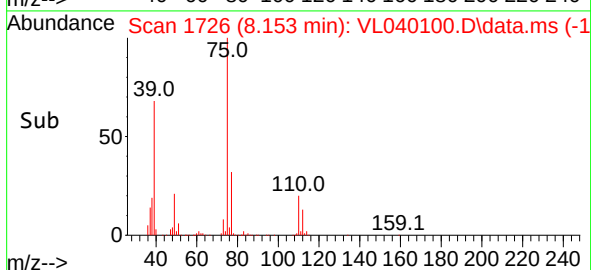
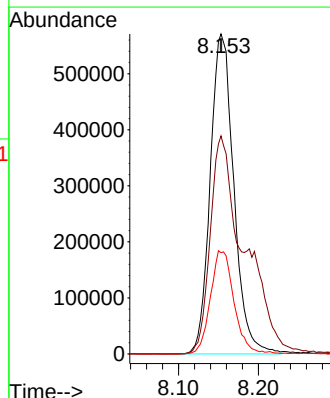
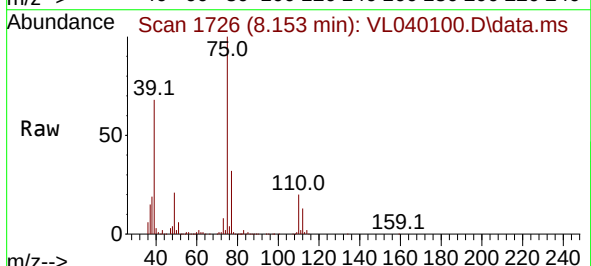
Tgt Ion: 75 Resp: 1169603

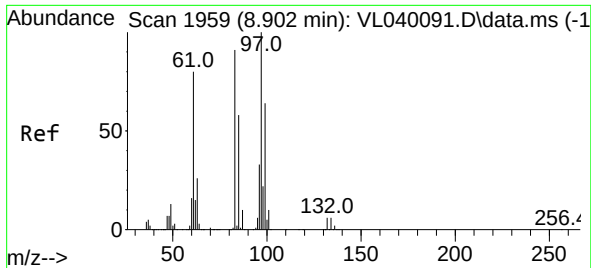
Ion Ratio Lower Upper

75 100

39 68.1 53.6 80.4

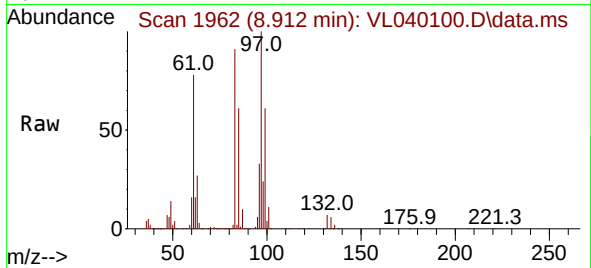
77 31.7 26.9 40.3





#47
1,1,2-Trichloroethane
Concen: 10.082 ppbv
RT: 8.912 min Scan# 1959
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

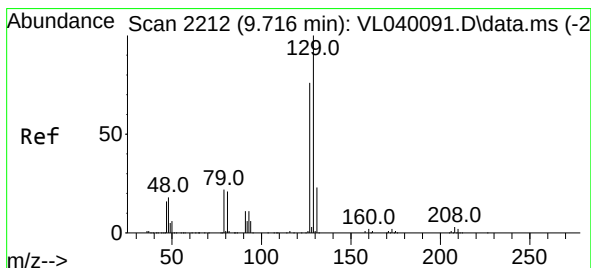
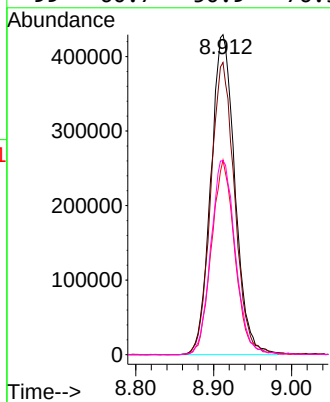
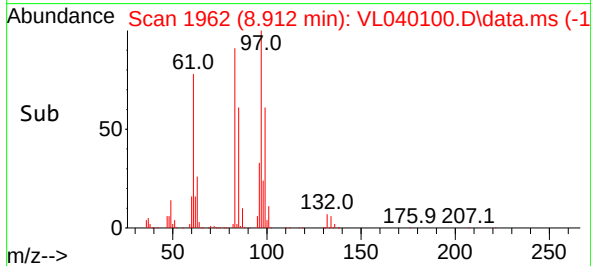
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



Tgt Ion: 97 Resp: 92455
Ion Ratio Lower Upper
97 100
83 91.2 72.9 109.3
85 60.8 46.0 69.0
99 60.7 50.9 76.3

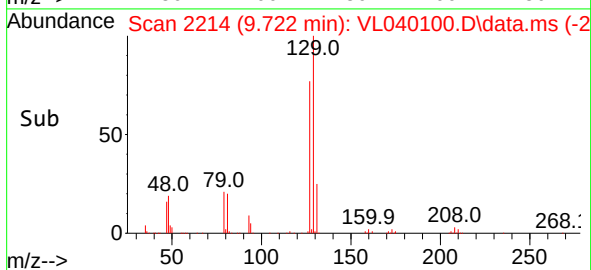
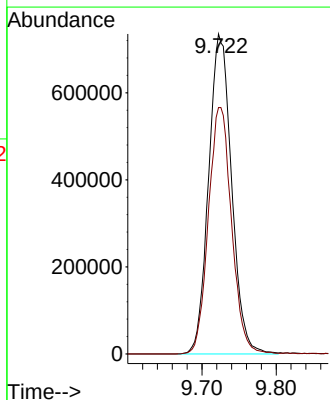
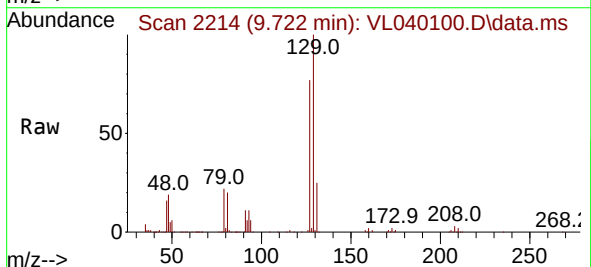
Manual Integrations
APPROVED

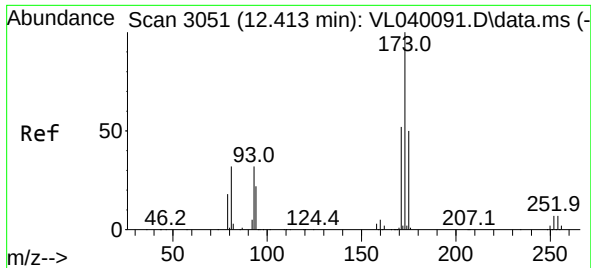
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#48
Dibromochloromethane
Concen: 10.712 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.007 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion:129 Resp: 1578816
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.9





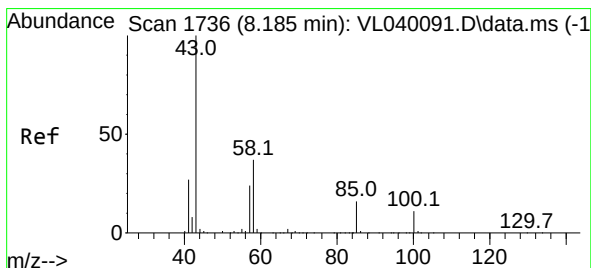
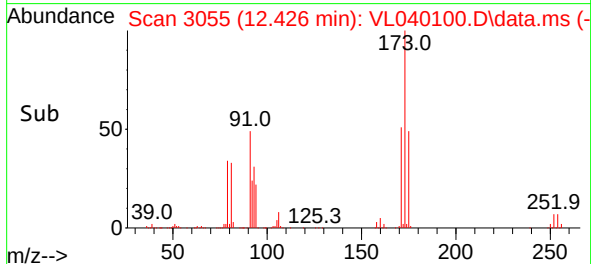
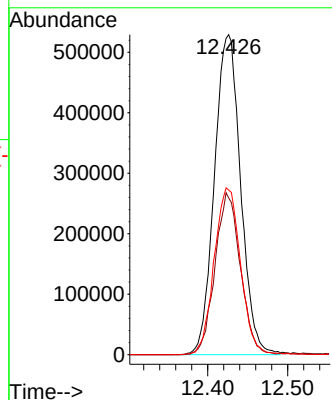
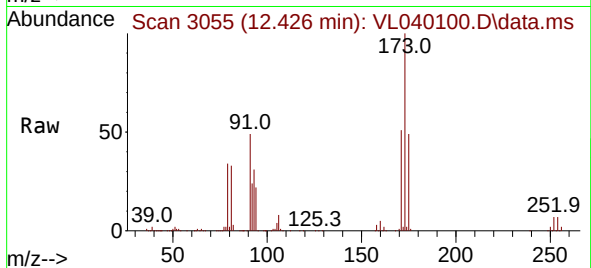
#49
Bromoform
Concen: 10.603 ppbv
RT: 12.426 min Scan# 3055
Delta R.T. 0.013 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

Tgt Ion: 173 Resp: 120383
Ion Ratio Lower Upper
173 100
175 49.2 39.7 59.5
171 52.8 42.2 63.2

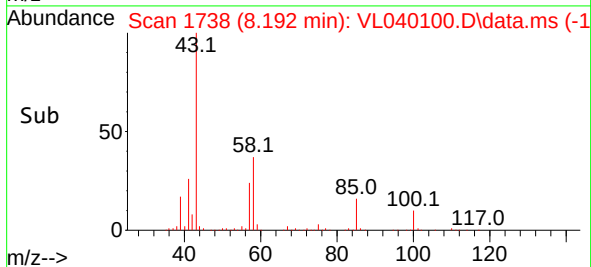
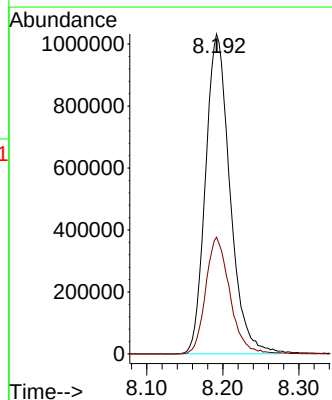
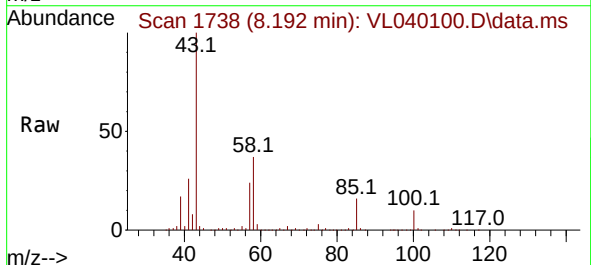
Manual Integrations
APPROVED

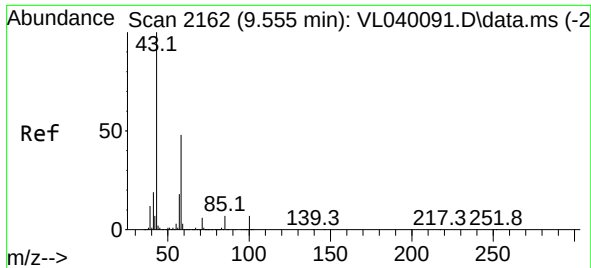
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#50
4-Methyl-2-Pentanone
Concen: 10.305 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.007 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

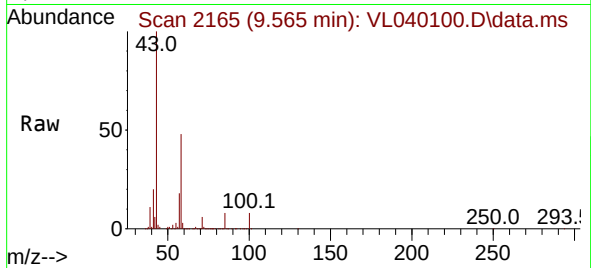
Tgt Ion: 43 Resp: 2307113
Ion Ratio Lower Upper
43 100
58 36.2 28.8 43.2





#51
2-Hexanone
Concen: 10.700 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

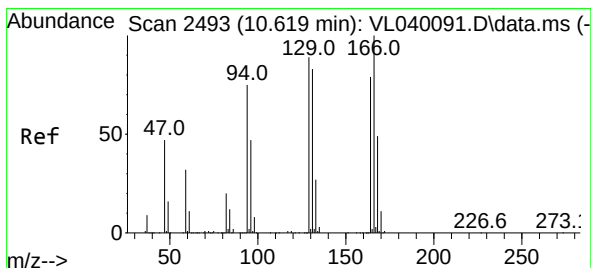
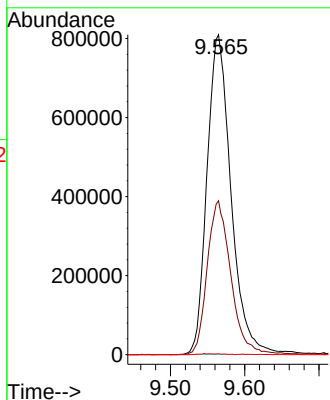
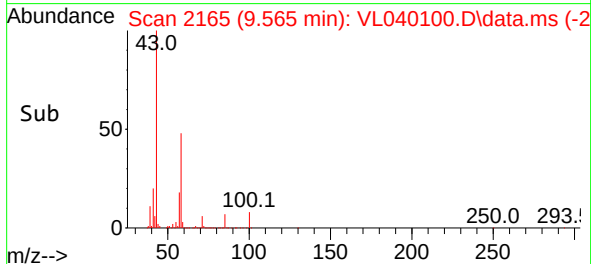
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



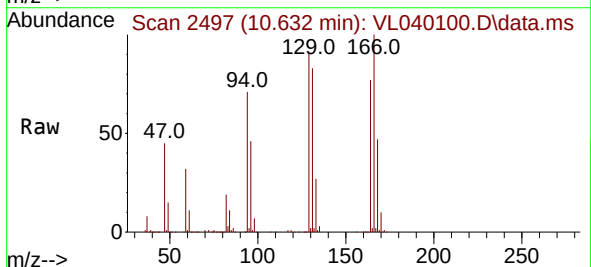
Tgt Ion: 43 Resp: 181491
Ion Ratio Lower Upper
43 100
58 47.5 37.5 56.3
98 0.3 0.4 0.6

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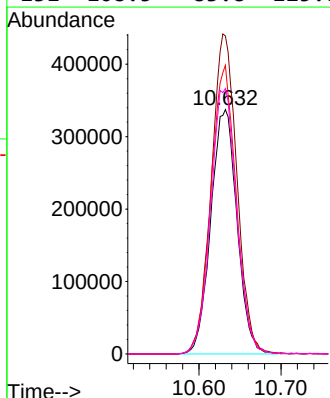
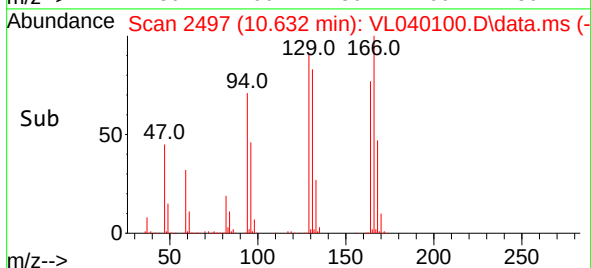
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

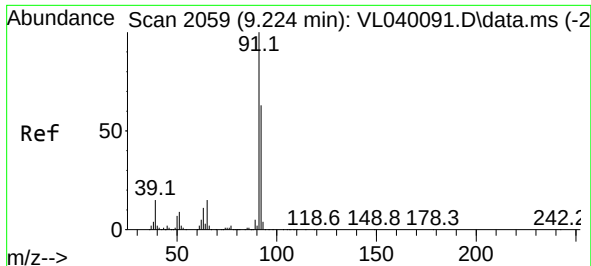


#52
Tetrachloroethene
Concen: 10.259 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.013 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28



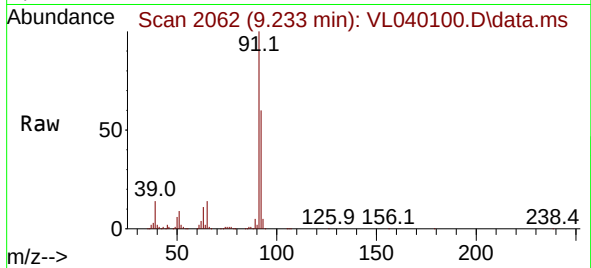
Tgt Ion:164 Resp: 747331
Ion Ratio Lower Upper
164 100
166 130.2 101.2 151.8
129 118.0 90.2 135.2
131 108.5 83.8 125.8





#53
Toluene
Concen: 10.588 ppbv
RT: 9.233 min Scan# 2059
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

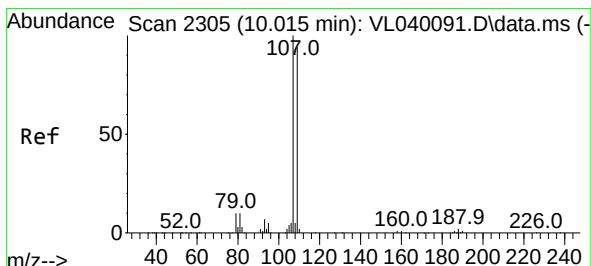
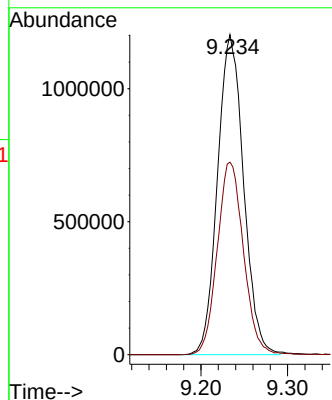
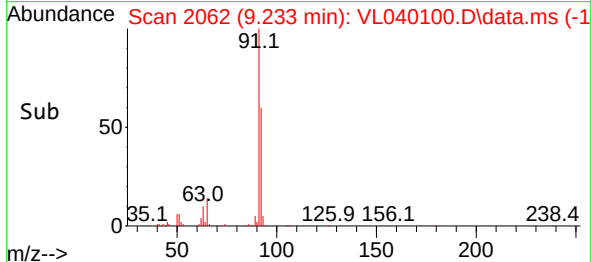
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



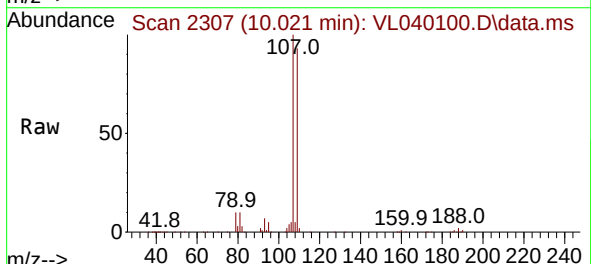
Tgt Ion: 91 Resp: 251472
Ion Ratio Lower Upper
91 100
92 60.8 48.3 72.5

Manual Integrations
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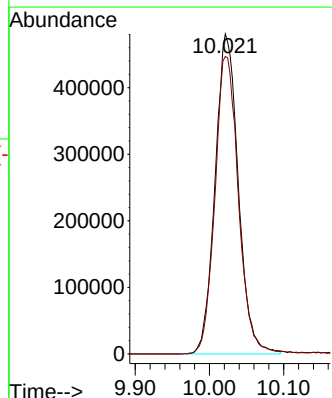
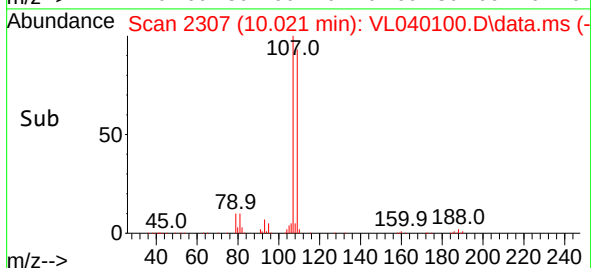
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

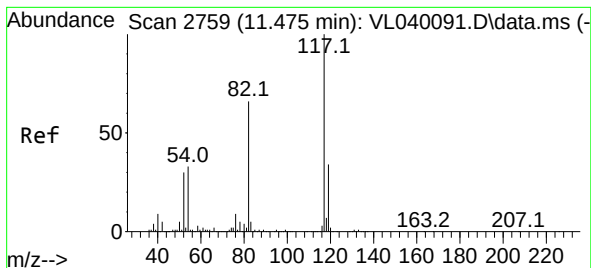


#54
1,2-Dibromoethane
Concen: 10.853 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.007 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28



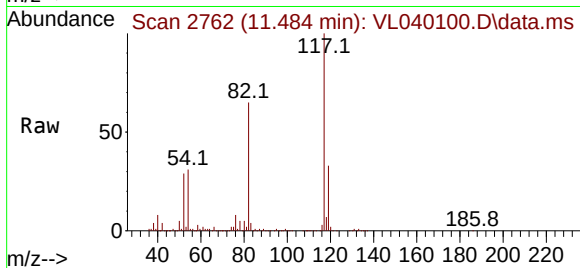
Tgt Ion:107 Resp: 1041989
Ion Ratio Lower Upper
107 100
109 92.9 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.484 min Scan# 2759
Delta R.T. 0.009 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

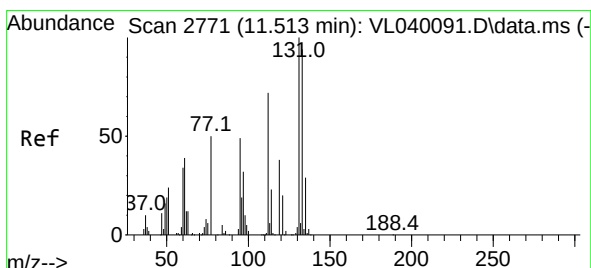
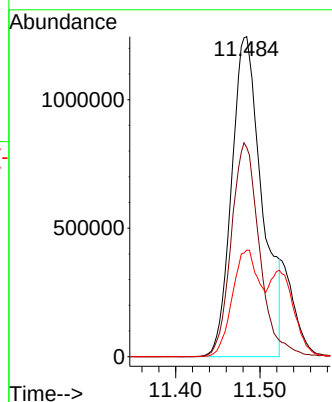
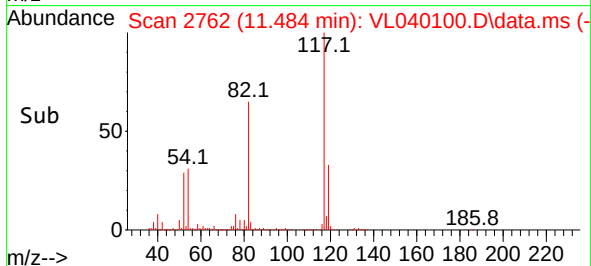
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



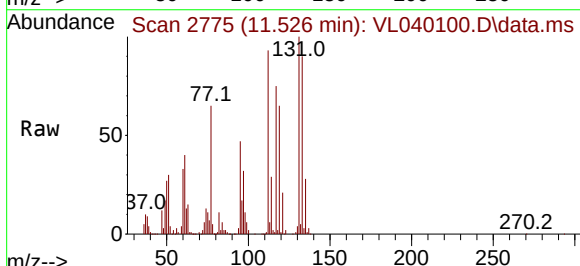
Tgt Ion:117 Resp: 310554
Ion Ratio Lower Upper
117 100
82 63.0 54.4 81.6
119 32.5 26.8 40.2

Manual Integrations
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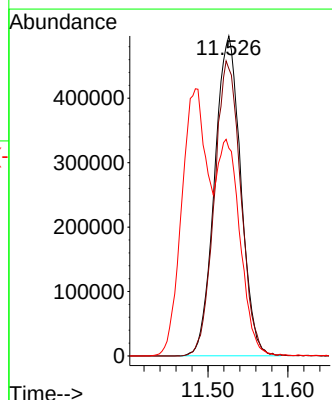
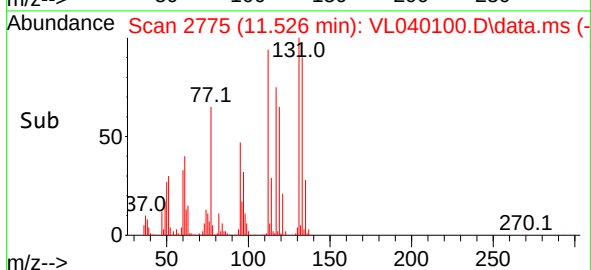
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

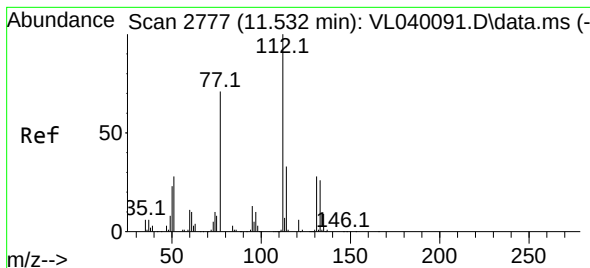


#56
1,1,1,2-Tetrachloroethane
Concen: 9.334 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.013 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28



Tgt Ion:131 Resp: 1128225
Ion Ratio Lower Upper
131 100
133 93.2 75.6 113.4
119 64.4 47.2 70.8





#57

Chlorobenzene

Concen: 8.994 ppbv

RT: 11.542 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

Tgt Ion:112 Resp: 190389

Ion Ratio Lower Upper

112 100

77 70.4 57.3 85.9

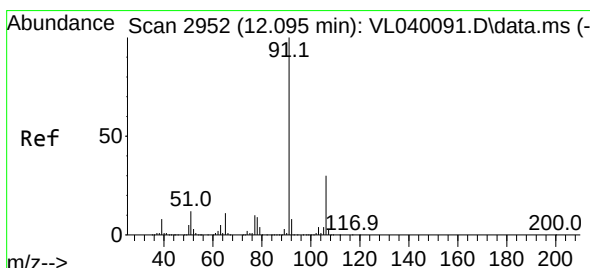
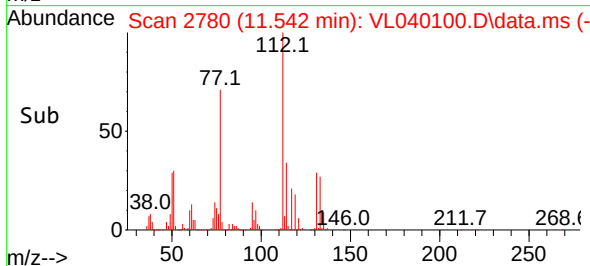
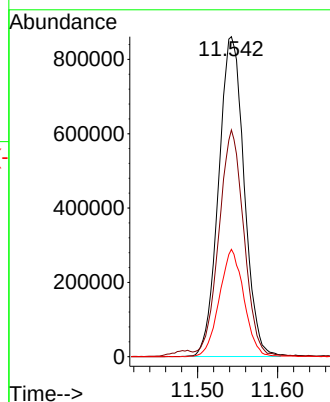
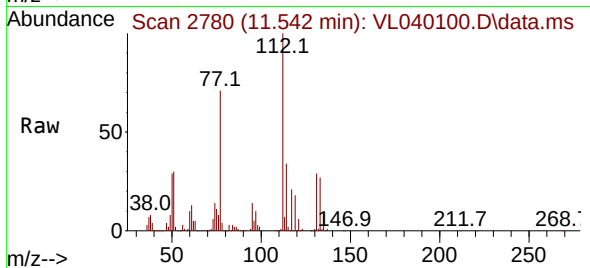
114 33.6 29.6 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#58

Ethyl Benzene

Concen: 9.827 ppbv

RT: 12.105 min Scan# 2955

Delta R.T. 0.010 min

Lab File: VL040100.D

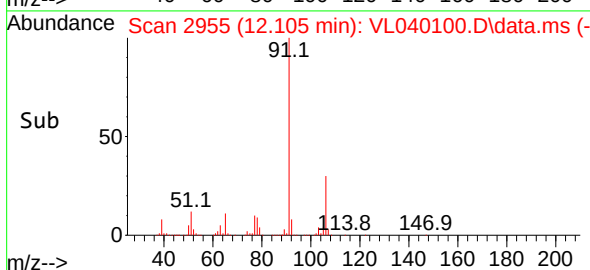
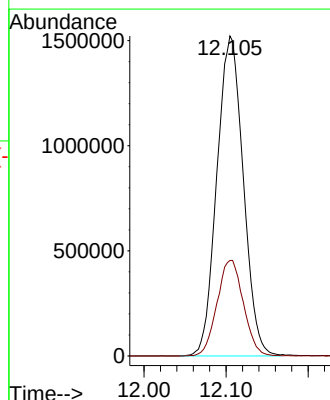
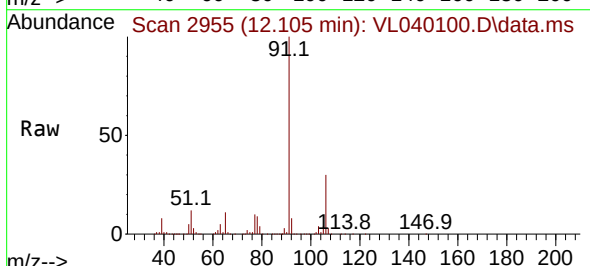
Acq: 16 Jan 2023 16:28

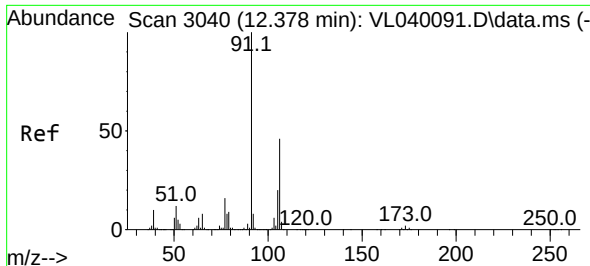
Tgt Ion: 91 Resp: 3405794

Ion Ratio Lower Upper

91 100

106 29.9 23.7 35.5





#59

m/p-Xylene

Concen: 18.758 ppbv m

RT: 12.391 min Scan# 3044

Delta R.T. 0.013 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

Tgt Ion: 91 Resp: 584503

Ion Ratio Lower Upper

91 100

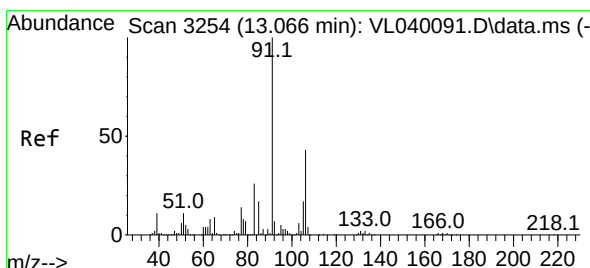
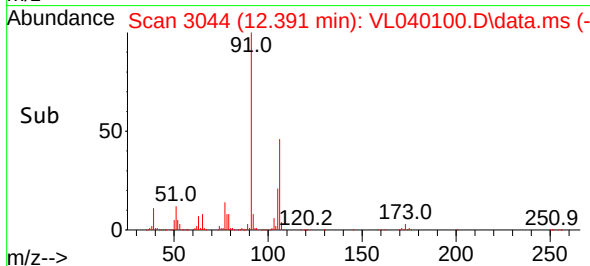
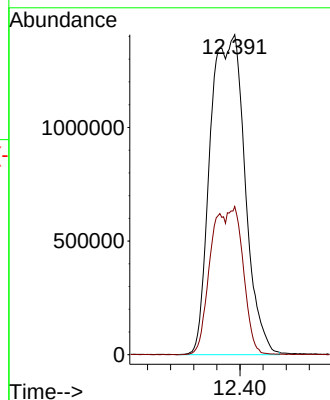
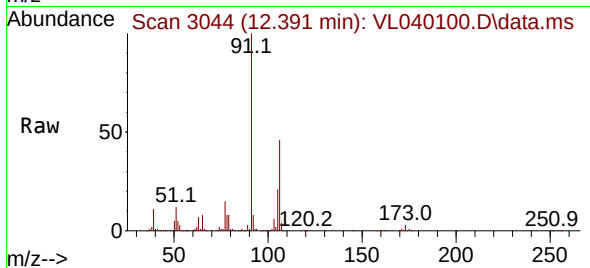
106 43.2 34.2 51.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#60

o-Xylene

Concen: 9.487 ppbv

RT: 13.076 min Scan# 3257

Delta R.T. 0.010 min

Lab File: VL040100.D

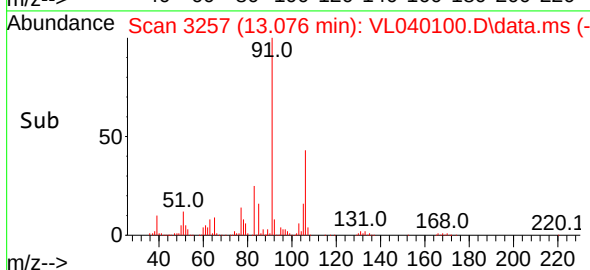
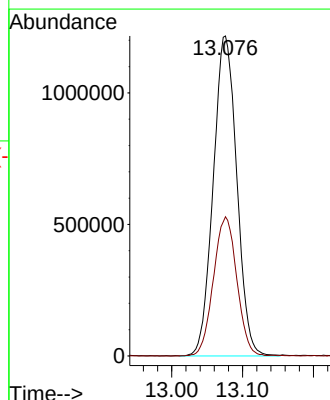
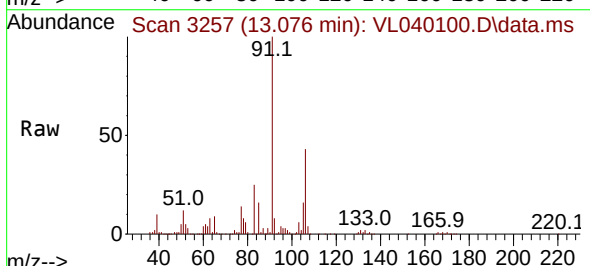
Acq: 16 Jan 2023 16:28

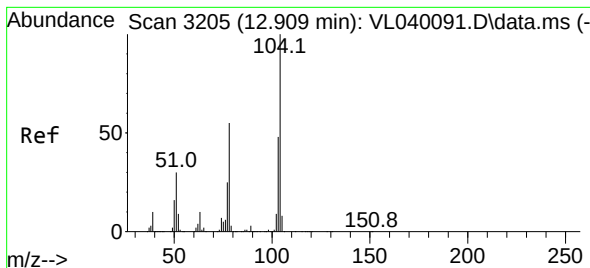
Tgt Ion: 91 Resp: 2805908

Ion Ratio Lower Upper

91 100

106 43.4 21.6 64.8





#61

Styrene

Concen: 10.502 ppbv

RT: 12.915 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

Tgt Ion:104 Resp: 161861

Ion Ratio Lower Upper

104 100

78 53.2 44.0 66.0

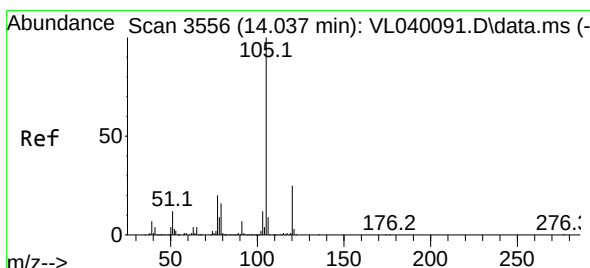
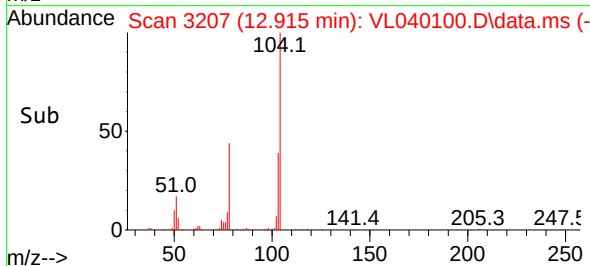
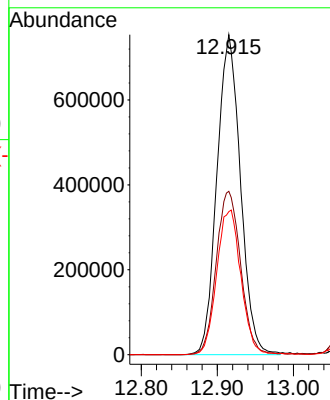
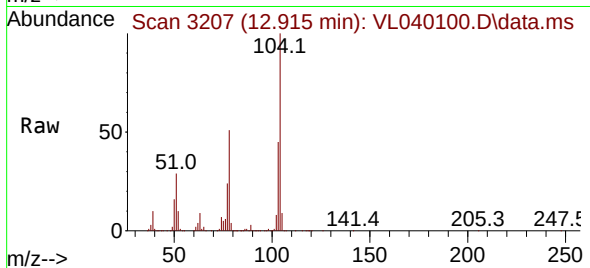
103 46.8 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#62

Isopropylbenzene

Concen: 9.151 ppbv

RT: 14.047 min Scan# 3559

Delta R.T. 0.010 min

Lab File: VL040100.D

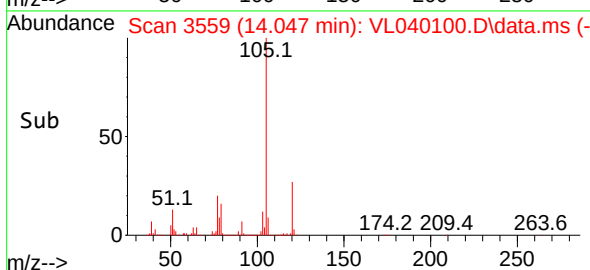
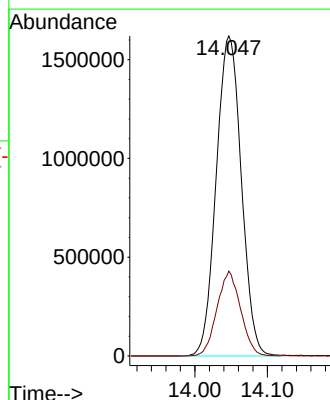
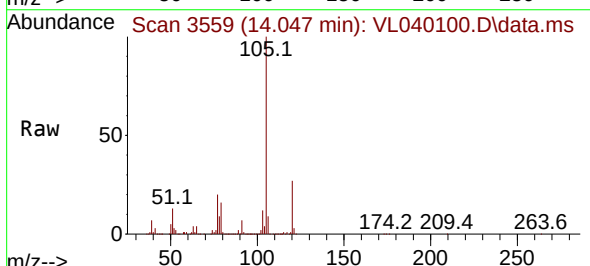
Acq: 16 Jan 2023 16:28

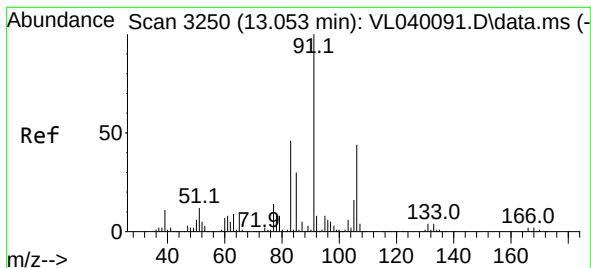
Tgt Ion:105 Resp: 3892974

Ion Ratio Lower Upper

105 100

120 24.9 20.2 30.2





#63

1,1,2,2-Tetrachloroethane

Concen: 8.514 ppbv

RT: 13.063 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

Tgt Ion: 83 Resp: 91431

Ion Ratio Lower Upper

83 100

131 9.0 4.3 13.1

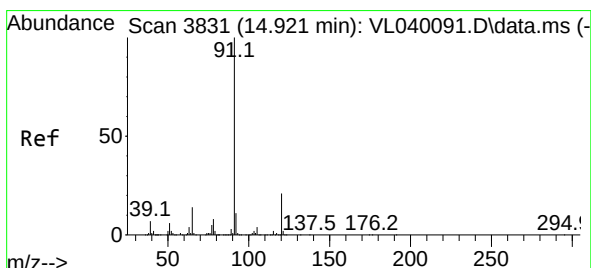
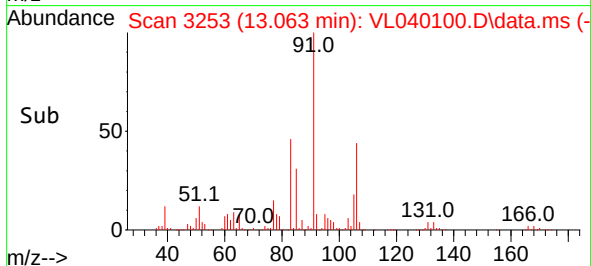
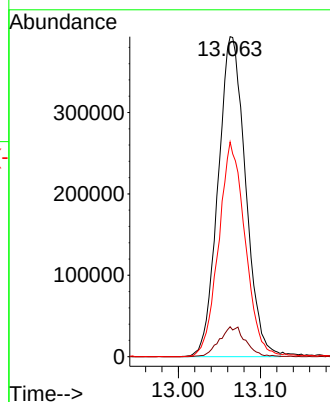
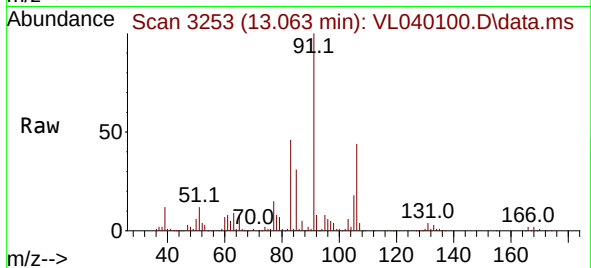
85 65.6 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#64

n-propylbenzene

Concen: 9.293 ppbv

RT: 14.934 min Scan# 3835

Delta R.T. 0.013 min

Lab File: VL040100.D

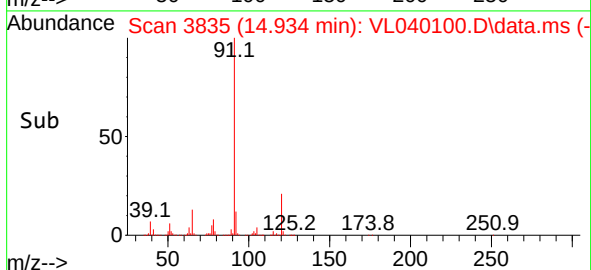
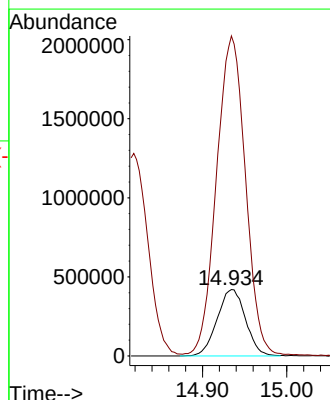
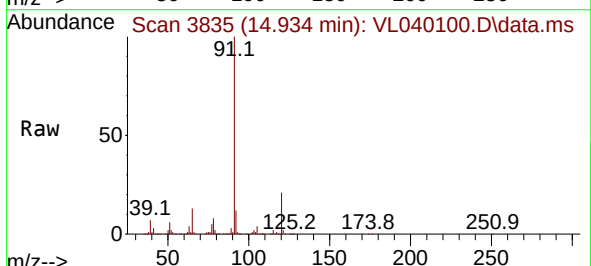
Acq: 16 Jan 2023 16:28

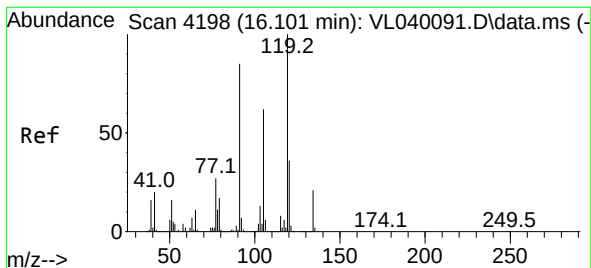
Tgt Ion:120 Resp: 982814

Ion Ratio Lower Upper

120 100

91 493.8 397.0 595.4





#65

tert-Butylbenzene

Concen: 9.080 ppbv

RT: 16.111 min Scan# 4198

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

Tgt Ion:119 Resp: 3307250

Ion Ratio Lower Upper

119 100

91 86.6 69.5 104.3

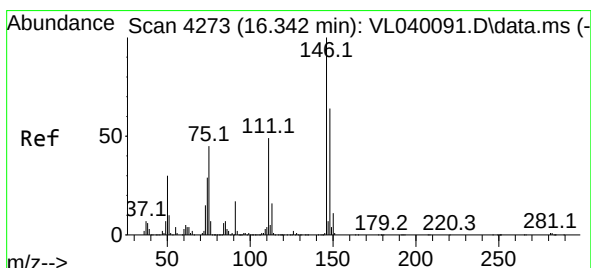
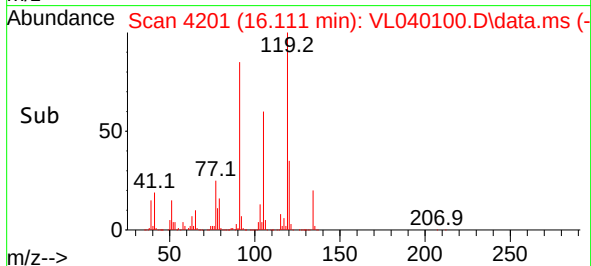
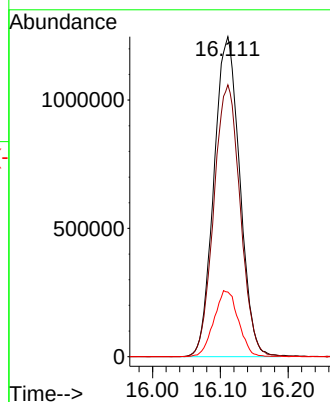
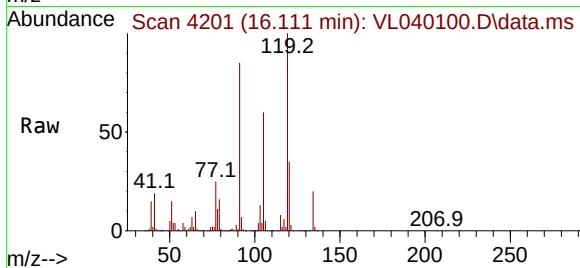
134 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#66

Benzyl Chloride

Concen: 8.621 ppbv

RT: 16.346 min Scan# 4274

Delta R.T. 0.003 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

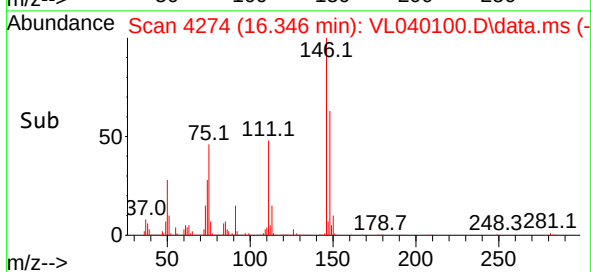
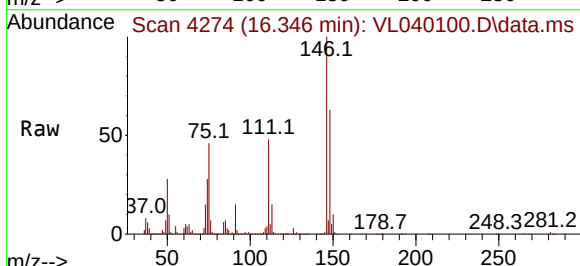
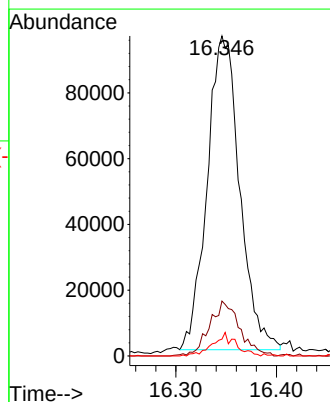
Tgt Ion: 91 Resp: 214603

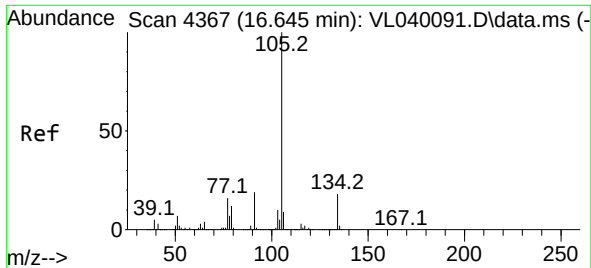
Ion Ratio Lower Upper

91 100

126 16.4 11.5 17.3

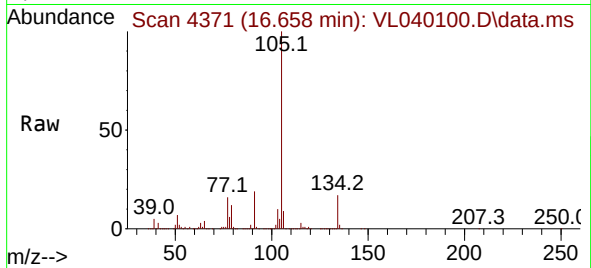
128 5.4 0.0 0.0#





#67
 sec-Butylbenzene
 Concen: 9.033 ppbv
 RT: 16.658 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

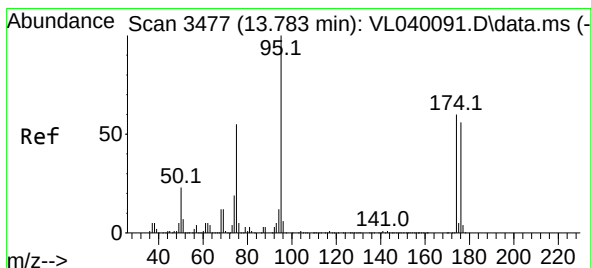
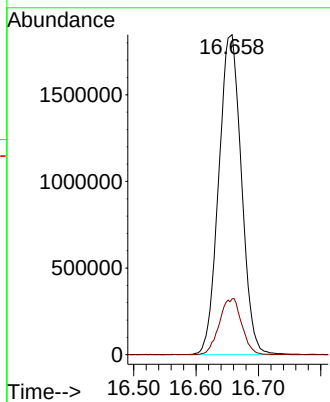
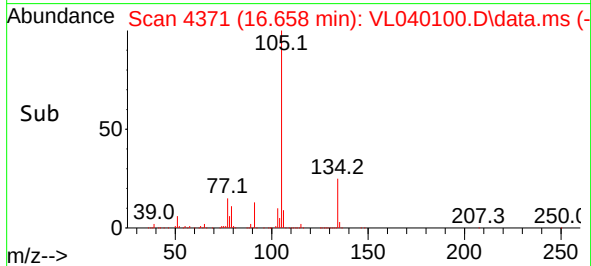
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABS01



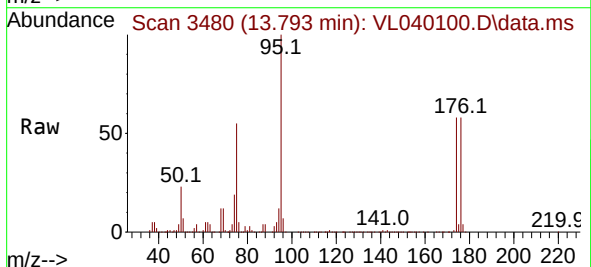
Tgt Ion:105 Resp: 4664110
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.1 21.1

Manual Integrations
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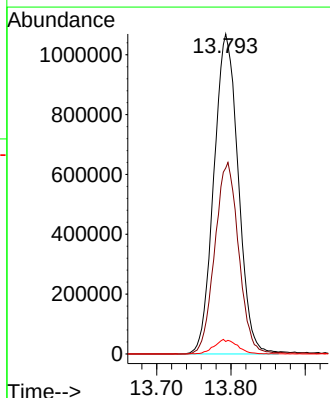
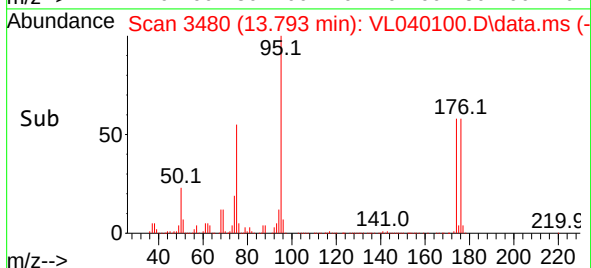
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

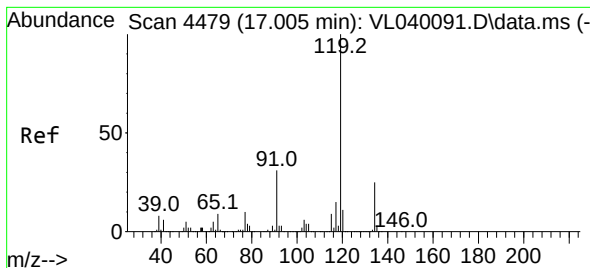


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.455 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.010 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28



Tgt Ion: 95 Resp: 2440429
 Ion Ratio Lower Upper
 95 100
 174 58.9 47.7 71.5
 175 4.4 3.4 5.2





#69

p-Isopropyltoluene

Concen: 9.171 ppbv

RT: 17.011 min Scan# 4479

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

Tgt Ion:119 Resp: 372126

Ion Ratio Lower Upper

119 100

134 25.3 20.1 30.1

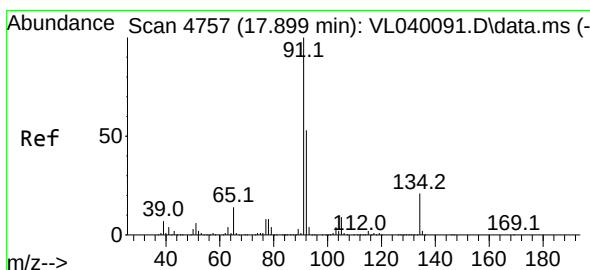
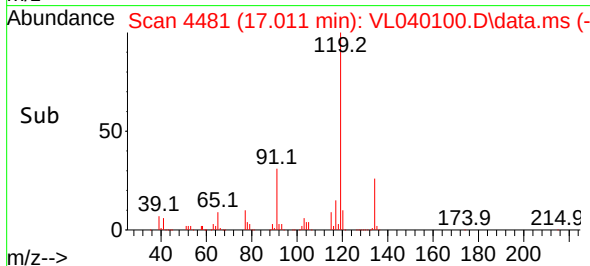
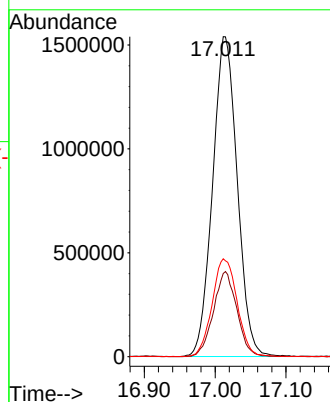
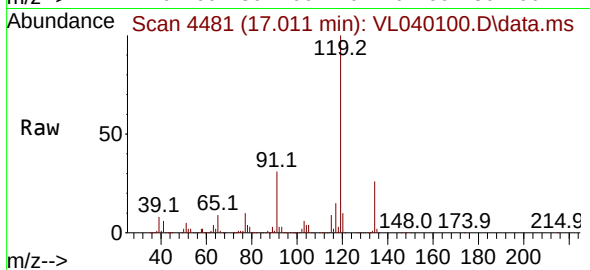
91 31.1 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#70

n-Butylbenzene

Concen: 9.150 ppbv

RT: 17.905 min Scan# 4759

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

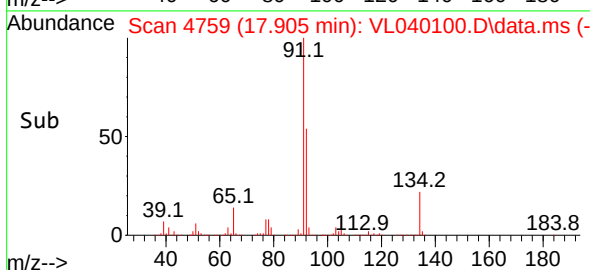
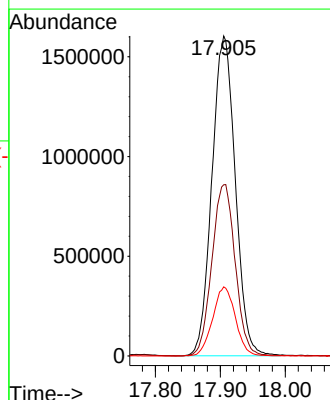
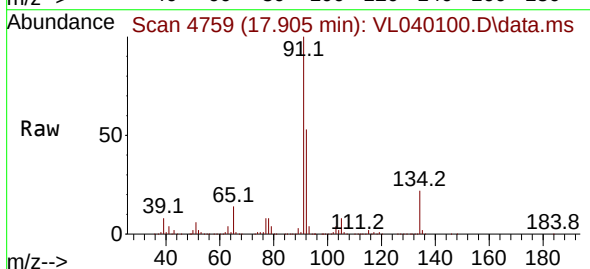
Tgt Ion: 91 Resp: 4003918

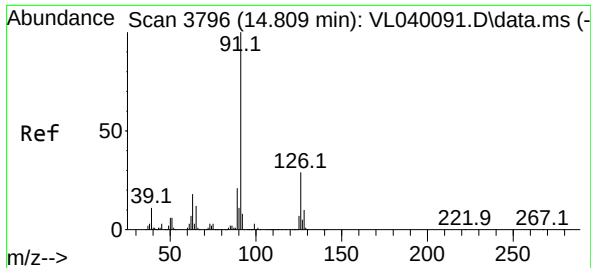
Ion Ratio Lower Upper

91 100

92 53.5 42.8 64.2

134 21.1 16.9 25.3





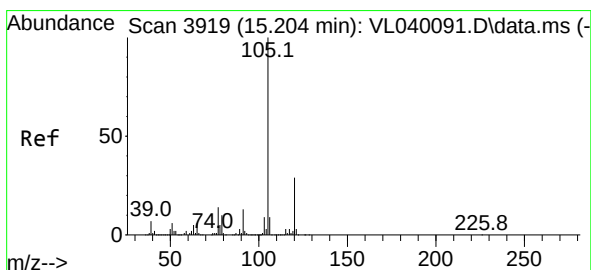
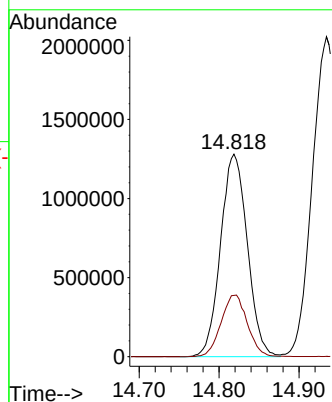
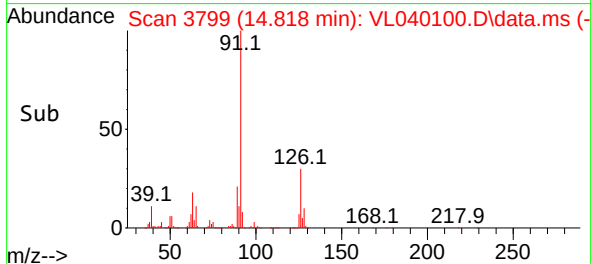
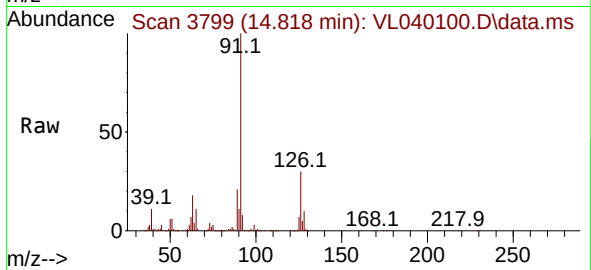
#71
2-Chlorotoluene
Concen: 9.106 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

Tgt Ion: 91 Resp: 297956
Ion Ratio Lower Upper
91 100
126 29.9 11.9 47.5

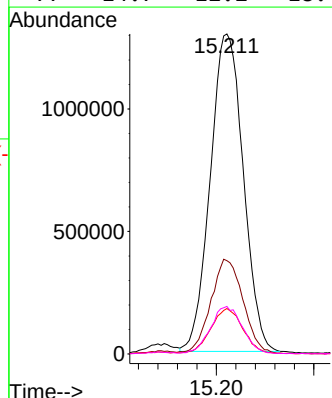
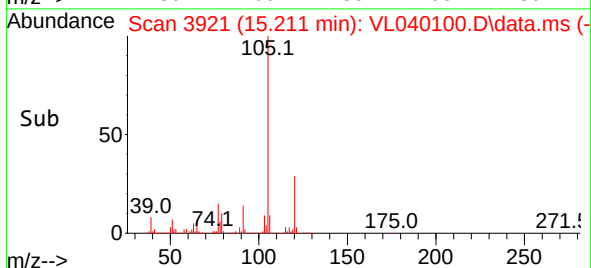
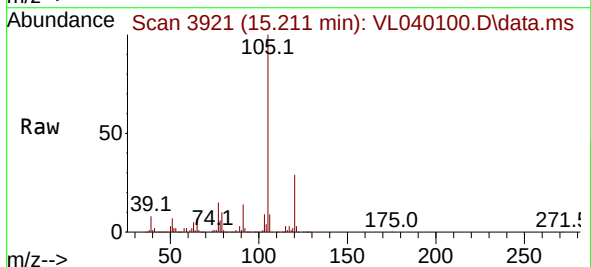
Manual Integrations
APPROVED

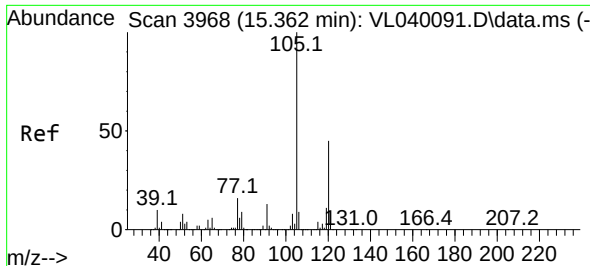
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#72
4-Ethyltoluene
Concen: 9.301 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.007 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion:105 Resp: 3052504
Ion Ratio Lower Upper
105 100
120 29.4 23.1 34.7
91 13.9 11.2 16.8
77 14.7 12.2 18.4





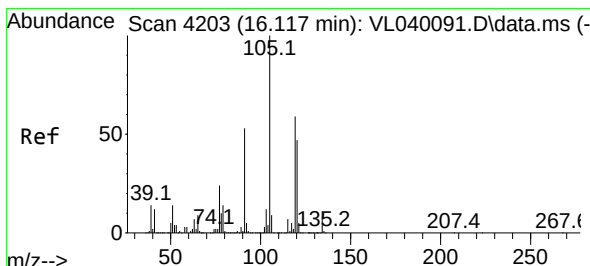
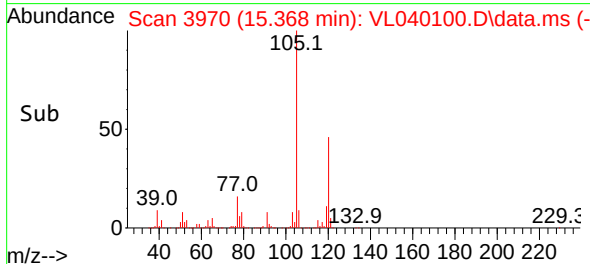
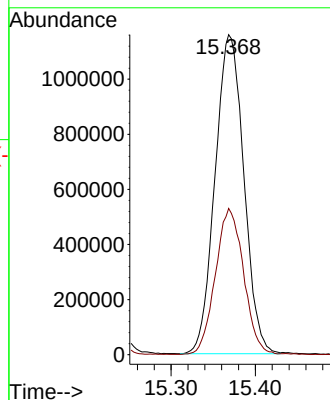
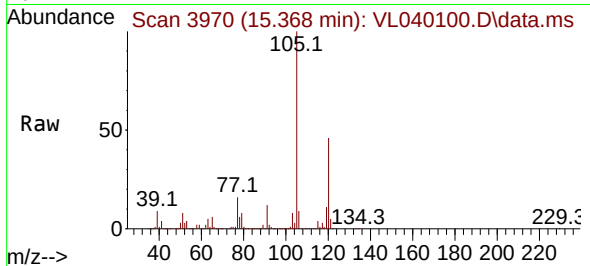
#73
1,3,5-Trimethylbenzene
Concen: 9.287 ppbv
RT: 15.368 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

Tgt Ion:105 Resp: 2744540
Ion Ratio Lower Upper
105 100
120 45.7 36.2 54.4

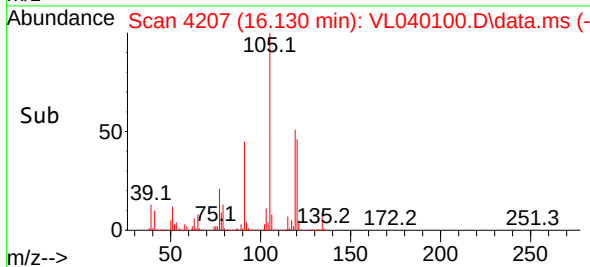
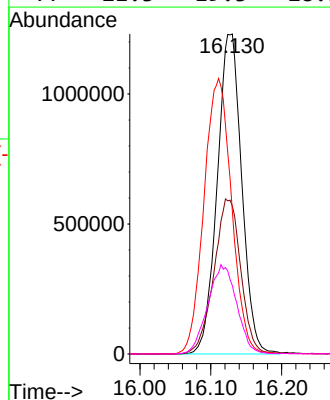
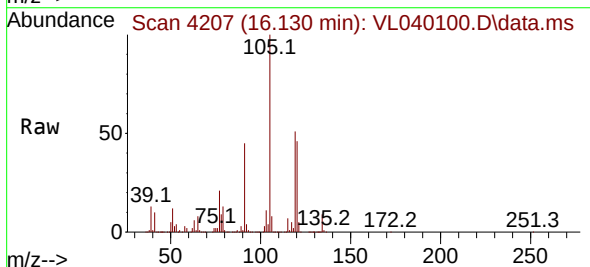
Manual Integrations
APPROVED

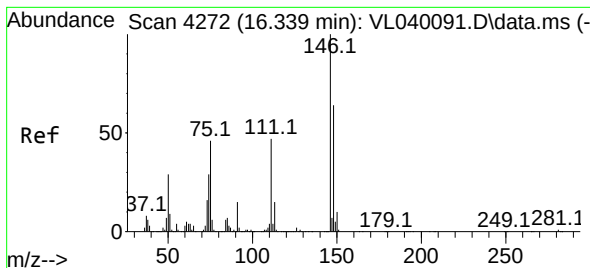
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#74
1,2,4-Trimethylbenzene
Concen: 9.046 ppbv
RT: 16.130 min Scan# 4207
Delta R.T. 0.013 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion:105 Resp: 2961238
Ion Ratio Lower Upper
105 100
120 46.1 38.0 57.0
91 44.4 42.1 63.1
77 21.3 19.3 28.9





#75

1,3-Dichlorobenzene

Concen: 8.787 ppbv

RT: 16.349 min Scan# 4317

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

Tgt Ion:146 Resp: 159752

Ion Ratio Lower Upper

146 100

111 48.7 24.3 73.0

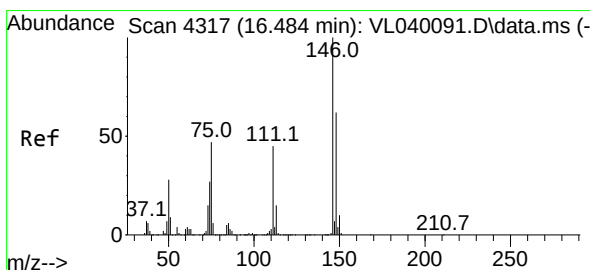
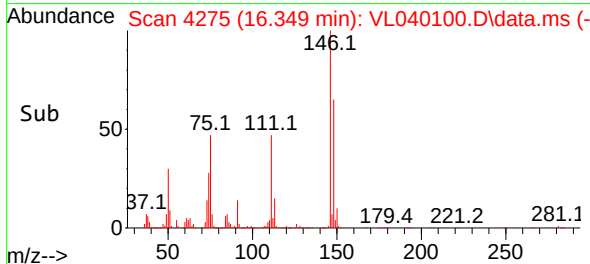
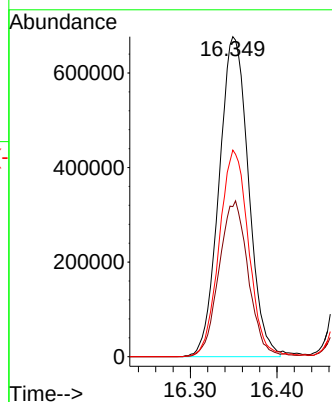
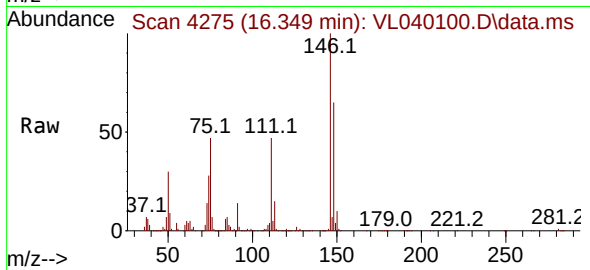
148 64.4 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#76

1,4-Dichlorobenzene

Concen: 8.756 ppbv

RT: 16.494 min Scan# 4320

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

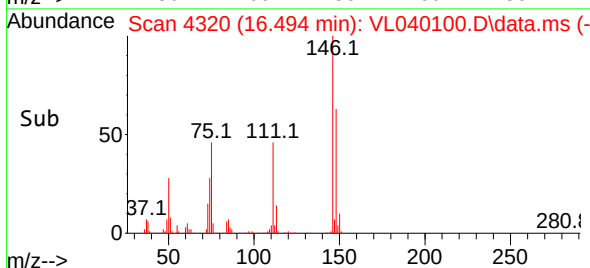
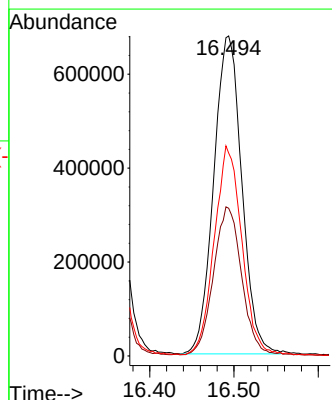
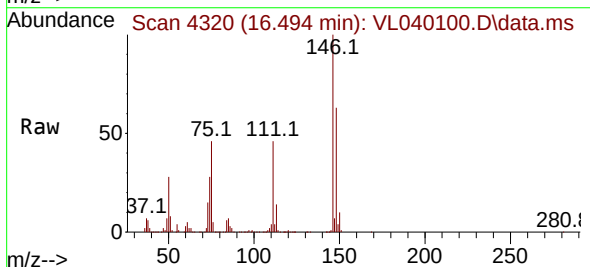
Tgt Ion:146 Resp: 1565183

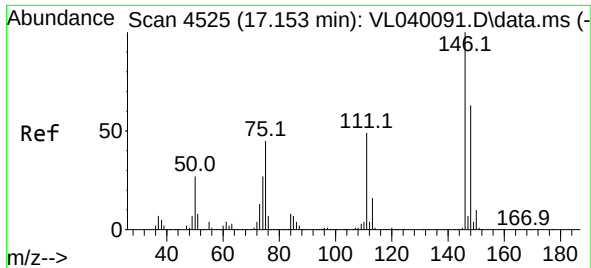
Ion Ratio Lower Upper

146 100

111 47.7 23.8 71.2

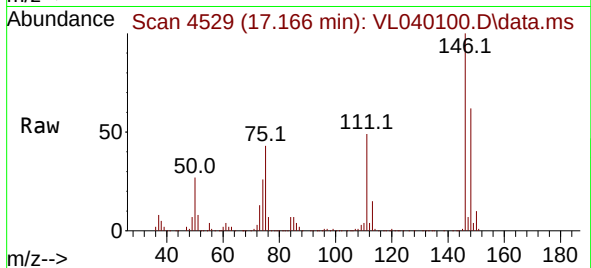
148 66.1 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 8.730 ppbv
RT: 17.166 min Scan# 4529
Delta R.T. 0.013 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

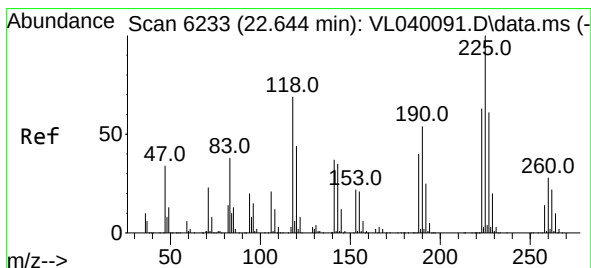
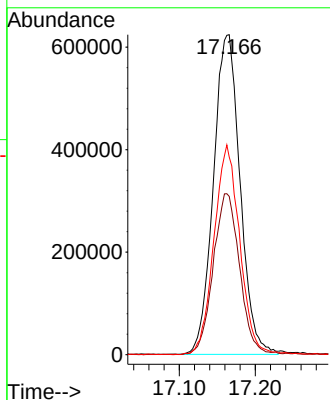
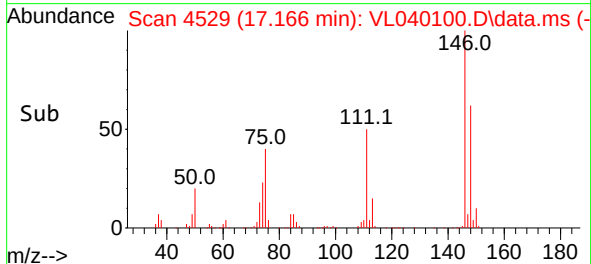
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



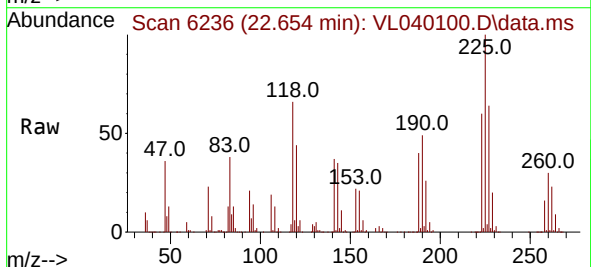
Tgt Ion:146 Resp: 151794
Ion Ratio Lower Upper
146 100
111 50.4 25.1 75.2
148 63.8 32.4 97.0

Manual Integrations
APPROVED

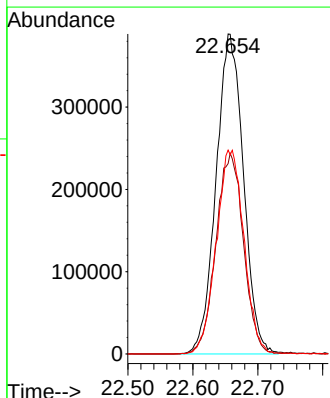
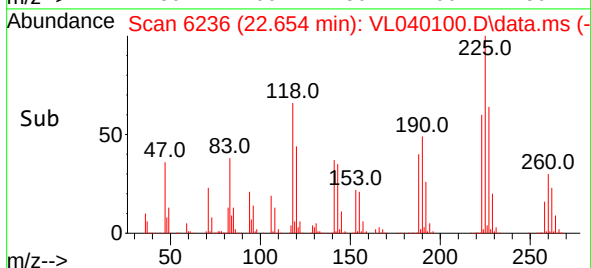
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

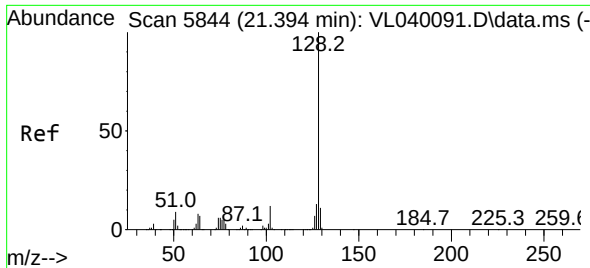


#78
Hexachloro-1,3-Butadiene
Concen: 8.934 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28



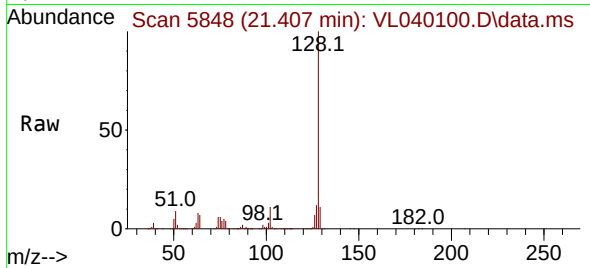
Tgt Ion:225 Resp: 1137816
Ion Ratio Lower Upper
225 100
223 63.4 51.5 77.3
227 64.6 50.6 76.0





#79
Naphthalene
Concen: 12.819 ppbv
RT: 21.407 min Scan# 5848
Delta R.T. 0.013 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

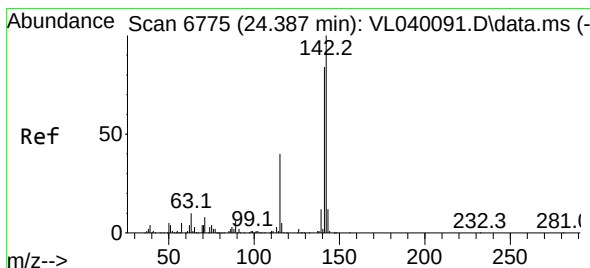
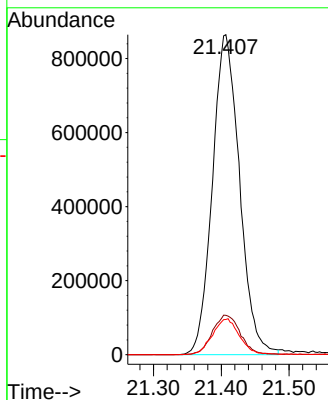
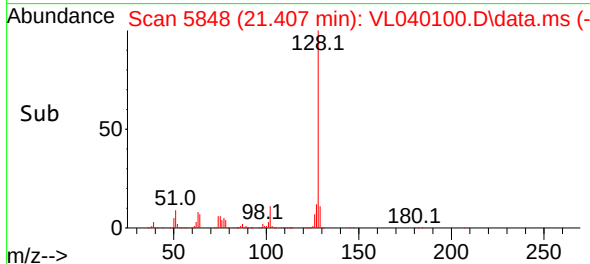
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01



Tgt Ion:128 Resp: 2403894
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 11.0 8.8 13.2

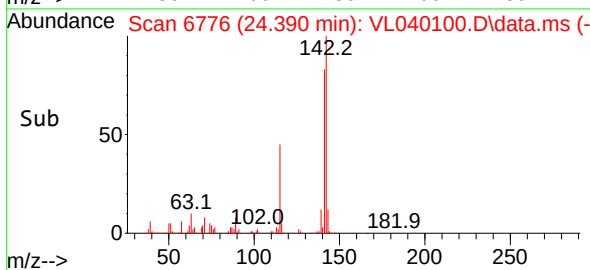
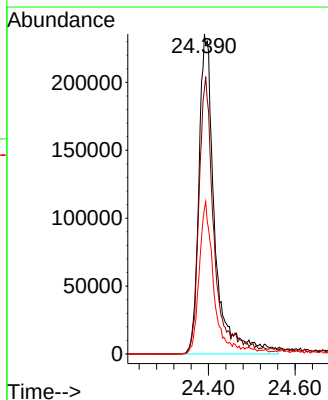
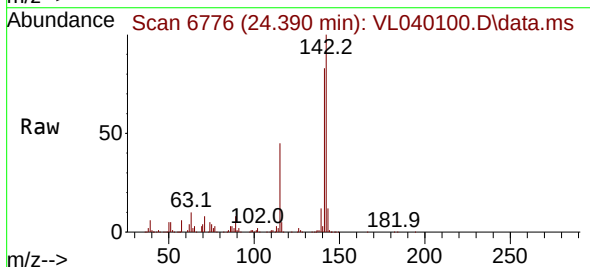
Manual Integrations
APPROVED

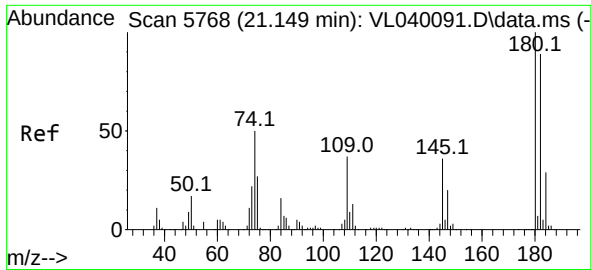
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#80
Naphthalene,2-methyl-
Concen: 9.509 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. 0.003 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion:142 Resp: 600875
Ion Ratio Lower Upper
142 100
141 82.9 65.0 97.6
115 43.1 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 10.463 ppbv

RT: 21.166 min Scan# 51

Delta R.T. 0.016 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

Tgt Ion:180 Resp: 120934

Ion Ratio Lower Upper

180 100

182 96.7 78.6 117.8

184 30.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023

