

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
 Data File : VL040778.D
 Acq On : 23 Oct 2023 14:37
 Operator : SY/MD
 Sample : VL1023ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1023ABS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 05:34:46 2023

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	957861	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2707598	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2623955m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.761 95 1972772 10.218 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	1547336	9.173	ppbv	98
3) Chlorodifluoromethane	2.681	51	1448642	10.291	ppbv	99
4) Chloromethane	2.816	50	548818	9.873	ppbv	96
5) Vinyl Chloride	2.922	62	567719	9.884	ppbv	98
6) Bromomethane	3.121	94	255975	10.773	ppbv	98
7) Chloroethane	3.198	64	193250	10.336	ppbv	100
8) Dichlorotetrafluoroethane	2.861	85	1341869	10.494	ppbv	97
9) Propene	2.700	41	528700	10.112	ppbv	99
10) Heptane	7.568	43	1297548	9.879	ppbv	99
11) Trichlorofluoromethane	3.562	101	1375202	10.563	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.063	101	973367	10.483	ppbv	100
13) Ethanol	3.240	45	114773	9.724	ppbv	99
14) Bromoethene	3.369	108	417703	10.504	ppbv	97
15) Acetone	3.468	43	968258	9.778	ppbv	100
16) 1,3-Butadiene	2.989	39	535156	10.302	ppbv	99
17) tert-Butyl alcohol	3.877	59	1036562	10.209	ppbv	100
18) 1,1-Dichloroethene	3.880	96	430175	10.337	ppbv	94
19) Isopropyl Alcohol	3.575	45	697884	10.948	ppbv	100
20) Methylene Chloride	3.931	84	346597	8.403	ppbv	97
21) Allyl Chloride	3.996	41	682131	10.445	ppbv	99
22) trans-1,2-Dichloroethene	4.443	96	466538	10.533	ppbv	98
23) Vinyl Acetate	4.623	43	1138002	9.018	ppbv	98
24) 1,1-Dichloroethane	4.558	63	947771	9.958	ppbv	100
25) Ethyl Acetate	5.198	43	2170253	10.003	ppbv	100
26) Hexane	5.205	57	950073	9.581	ppbv	99
27) Carbon Disulfide	4.121	76	1155920	10.565	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	711505	9.227	ppbv	100
29) Chloroform	5.269	83	1519158	10.588	ppbv	97
30) Cyclohexane	6.590	84	849027	10.062	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	967065	10.583	ppbv	97
32) 1,1,1-Trichloroethane	5.996	97	1545354	10.120	ppbv	99
34) 2-Butanone	4.780	43	1065487	8.694	ppbv	99
35) Carbon Tetrachloride	6.484	117	1651869	10.869	ppbv	97
36) Benzene	6.362	78	2117394	10.167	ppbv	100
37) 1,2-Dichloroethane	5.800	62	1160688	10.882	ppbv	99
38) Trichloroethene	7.282	130	833778	9.046	ppbv	97
39) 1,2-Dichloropropane	7.063	63	812698	9.988	ppbv	95
40) 1,4-Dioxane	7.275	88	328562	10.671	ppbv #	97
41) Tetrahydrofuran	5.549	42	852122	10.040	ppbv	98
42) Bromodichloromethane	7.240	83	1728346	10.817	ppbv	100
43) Methyl Methacrylate	7.465	69	866498	10.394	ppbv	98
44) 2,2,4-Trimethylpentane	7.314	57	3391246	9.629	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	753297	11.332	ppbv	99

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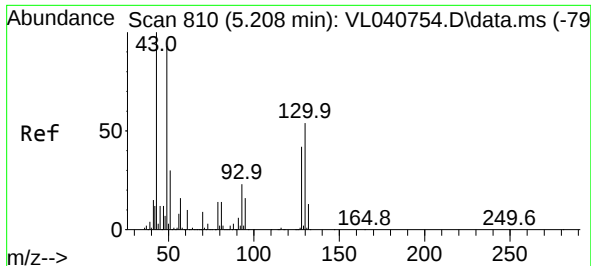
Quant Time: Oct 24 05:34:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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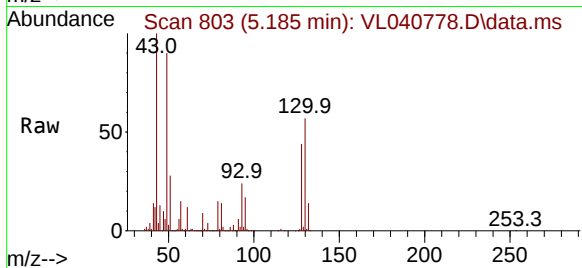
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	881628	10.855	ppbv	98
47) 1,1,2-Trichloroethane	8.886	97	872889	10.213	ppbv	98
48) Dibromochloromethane	9.696	129	1567472	10.944	ppbv	100
49) Bromoform	12.394	173	1276021	10.959	ppbv	100
50) 4-Methyl-2-Pentanone	8.169	43	2125408	10.138	ppbv	99
51) 2-Hexanone	9.539	43	1639395	10.274	ppbv #	99
52) Tetrachloroethene	10.600	164	786518	9.297	ppbv	97
53) Toluene	9.208	91	2458323	9.918	ppbv	99
54) 1,2-Dibromoethane	9.995	107	1309914	10.933	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.497	131	1102361	10.294	ppbv	97
57) Chlorobenzene	11.513	112	1915894	10.191	ppbv	97
58) Ethyl Benzene	12.073	91	3291618	9.963	ppbv	98
59) m/p-Xylene	12.359	91	5430851m	19.973	ppbv	
60) o-Xylene	13.044	91	2559468	9.879	ppbv	99
61) Styrene	12.886	104	1490848	10.386	ppbv	100
62) Isopropylbenzene	14.018	105	3937790	9.880	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.034	83	1816667	9.353	ppbv	99
64) n-propylbenzene	14.905	120	1088979	10.171	ppbv	99
65) tert-Butylbenzene	16.076	119	3463324	9.634	ppbv	99
66) Benzyl Chloride	16.310	91	362458	10.008	ppbv	99
67) sec-Butylbenzene	16.622	105	4873250	9.901	ppbv	99
69) p-Isopropyltoluene	16.979	119	4086959	9.909	ppbv	100
70) n-Butylbenzene	17.870	91	4100178	10.124	ppbv	99
71) 2-Chlorotoluene	14.786	91	2983800	9.966	ppbv	100
72) 4-Ethyltoluene	15.179	105	3137655	10.342	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2716928	10.171	ppbv	100
74) 1,2,4-Trimethylbenzene	16.095	105	2921090	10.009	ppbv	99
75) 1,3-Dichlorobenzene	16.314	146	1818491	10.019	ppbv	99
76) 1,4-Dichlorobenzene	16.458	146	1792396	9.971	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	1751067	9.832	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	851775	6.684	ppbv	100
79) Naphthalene	21.368	128	2767952	11.667	ppbv	99
80) Naphthalene,2-methyl-	24.358	142	887064	13.325	ppbv	99
81) 1,2,4-Trichlorobenzene	21.124	180	1367354	10.616	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.023 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

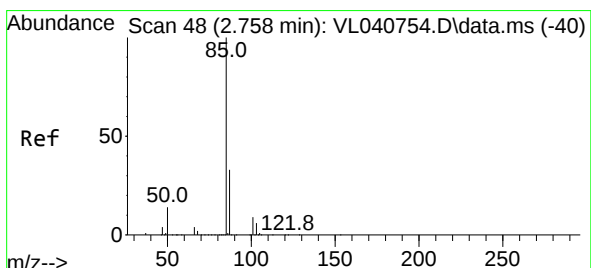
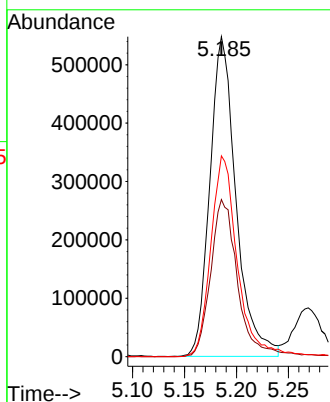
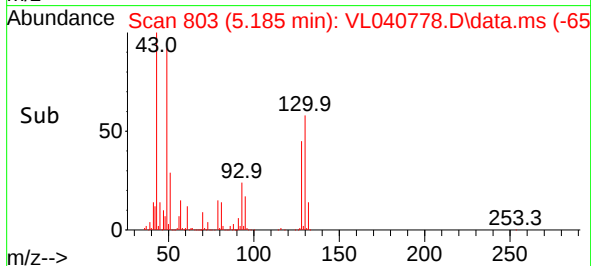
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



Tgt Ion: 49 Resp: 95786
Ion Ratio Lower Upper
49 100
128 51.7 23.9 71.7
130 65.0 30.7 92.1

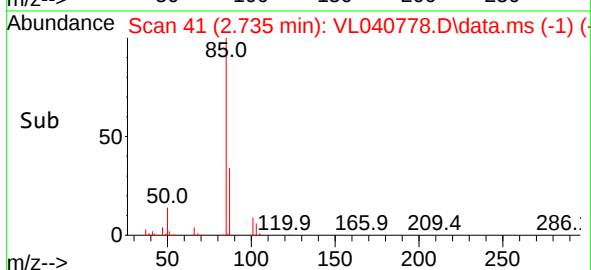
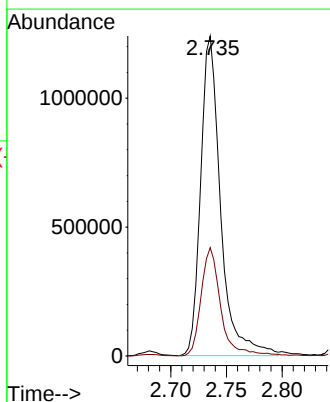
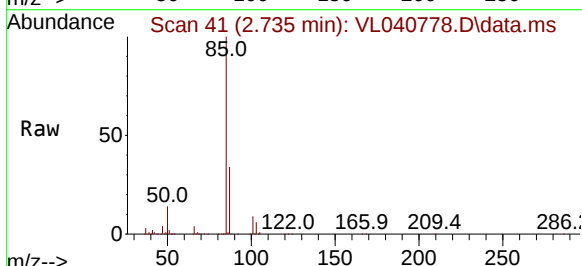
Manual Integrations
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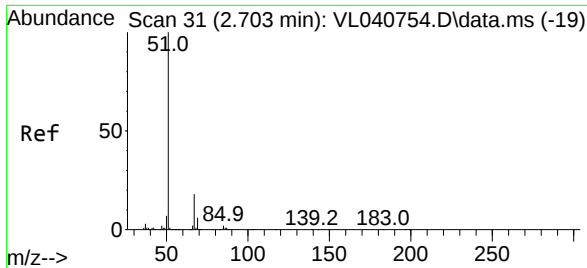
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#2
Dichlorodifluoromethane
Concen: 9.173 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

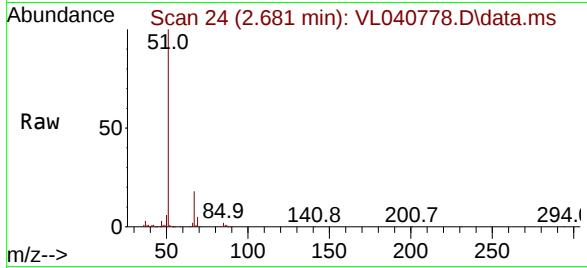
Tgt Ion: 85 Resp: 1547336
Ion Ratio Lower Upper
85 100
87 33.8 26.0 39.0





#3
Chlorodifluoromethane
Concen: 10.291 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

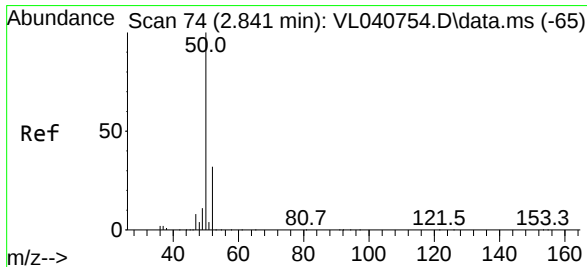
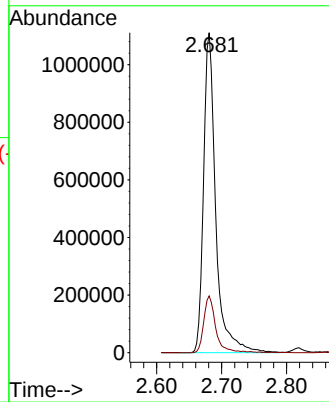
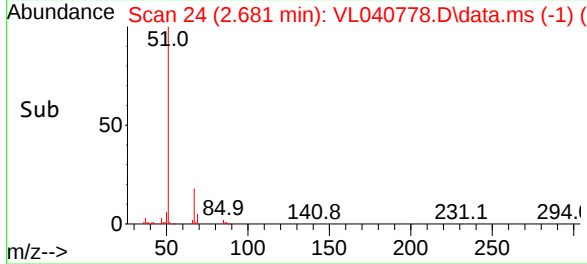
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



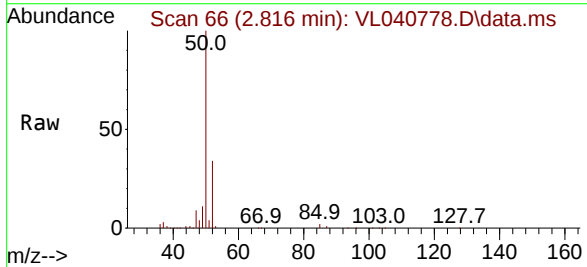
Tgt Ion: 51 Resp: 144864
Ion Ratio Lower Upper
51 100
67 17.6 13.8 20.6

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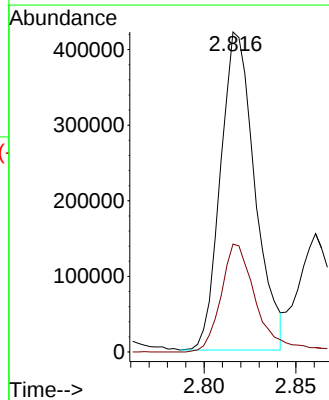
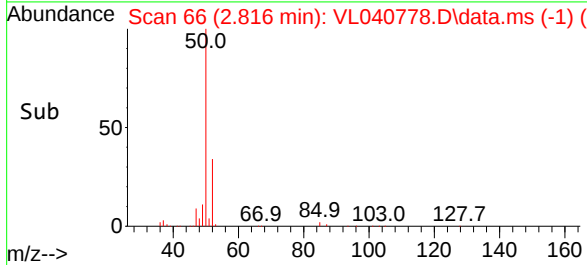
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

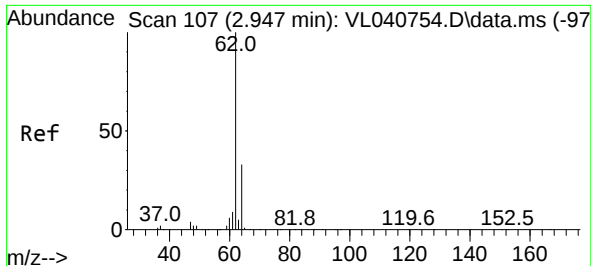


#4
Chloromethane
Concen: 9.873 ppbv
RT: 2.816 min Scan# 66
Delta R.T. -0.026 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



Tgt Ion: 50 Resp: 548818
Ion Ratio Lower Upper
50 100
52 33.9 25.3 37.9





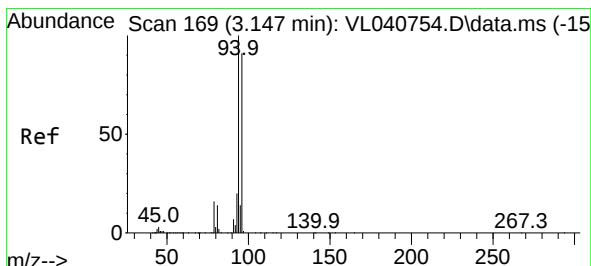
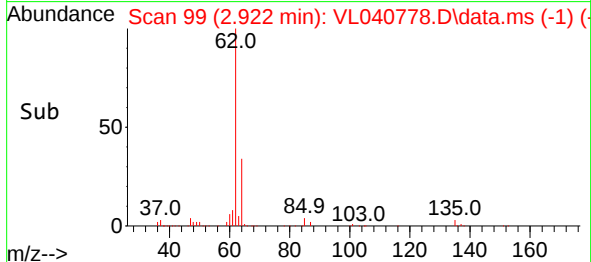
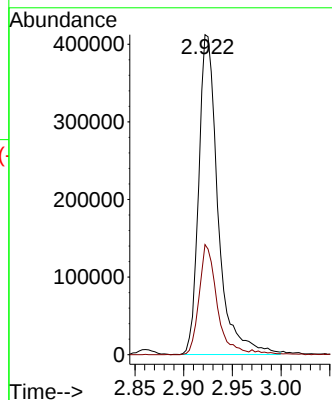
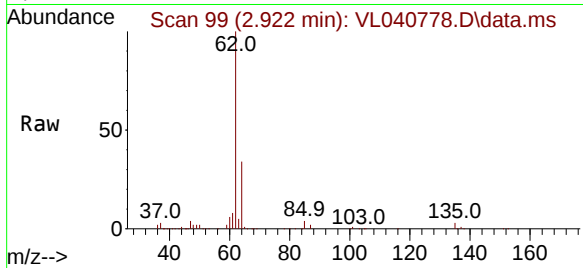
#5
 Vinyl Chloride
 Concen: 9.884 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. -0.026 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1023ABS01

Tgt Ion: 62 Resp: 567719
 Ion Ratio Lower Upper
 62 100
 64 34.4 26.6 39.8

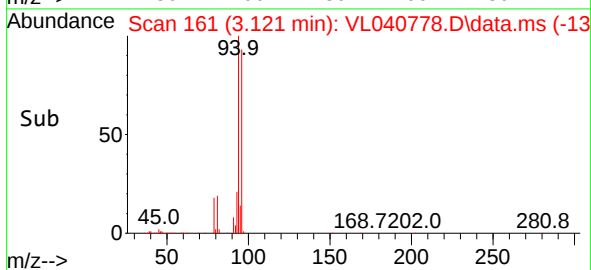
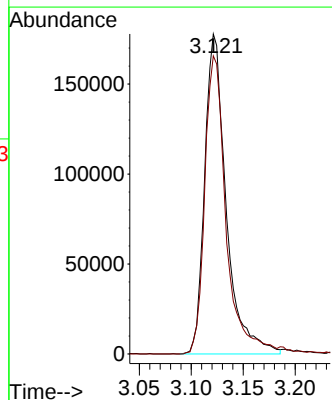
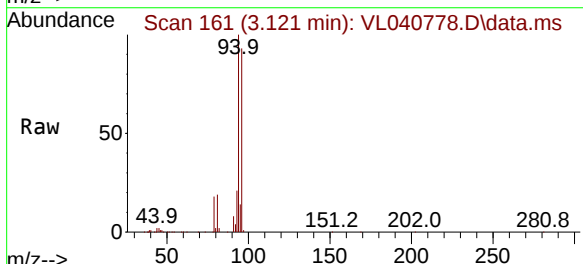
Manual Integrations
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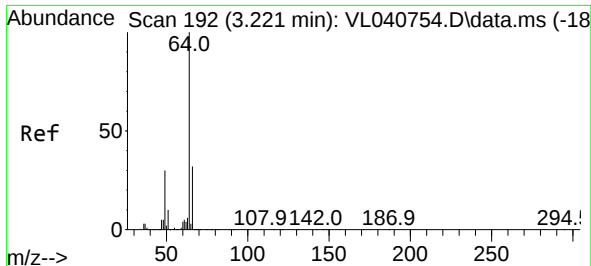
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#6
 Bromomethane
 Concen: 10.773 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. -0.026 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

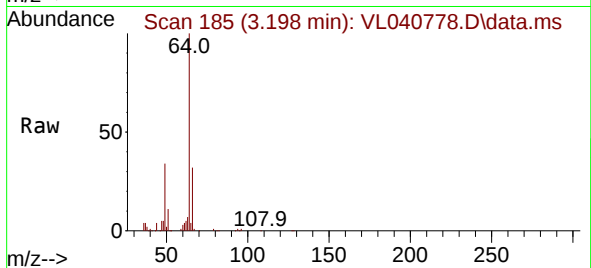
Tgt Ion: 94 Resp: 255975
 Ion Ratio Lower Upper
 94 100
 96 93.1 72.6 109.0





#7
Chloroethane
Concen: 10.336 ppbv
RT: 3.198 min Scan# 11
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

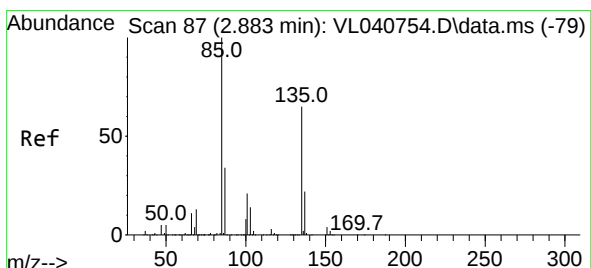
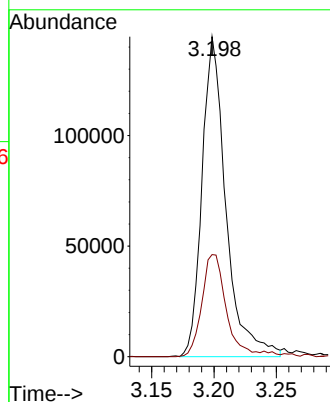
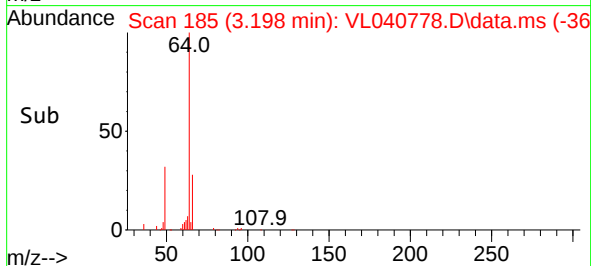
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



Tgt Ion: 64 Resp: 193250
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2

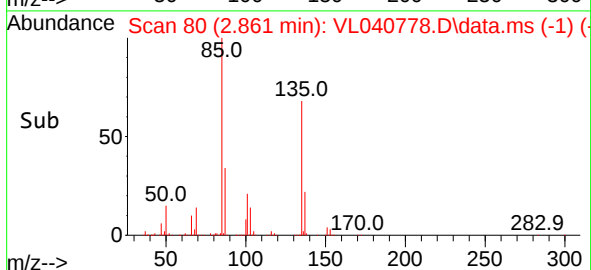
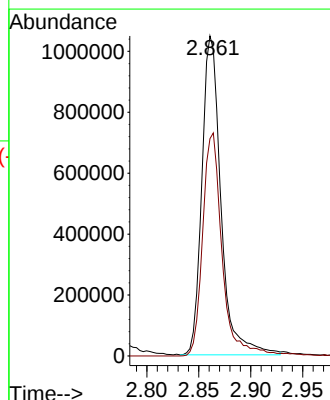
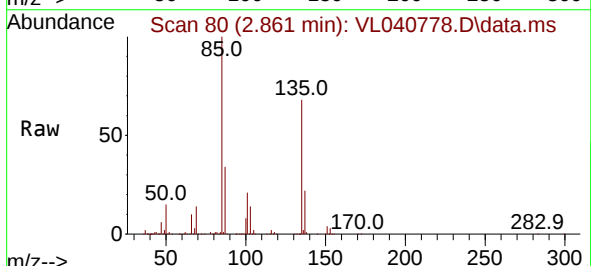
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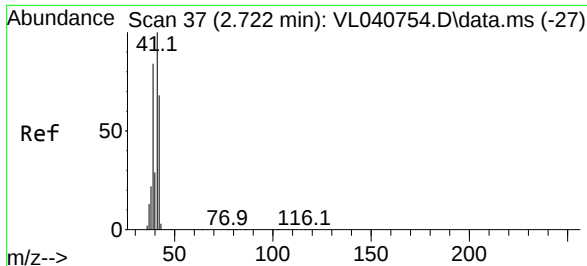
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#8
Dichlorotetrafluoroethane
Concen: 10.494 ppbv
RT: 2.861 min Scan# 80
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion: 85 Resp: 1341869
Ion Ratio Lower Upper
85 100
135 72.0 55.4 83.2





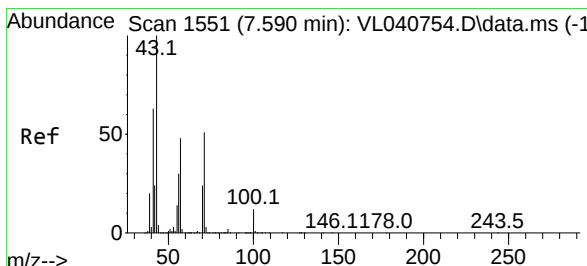
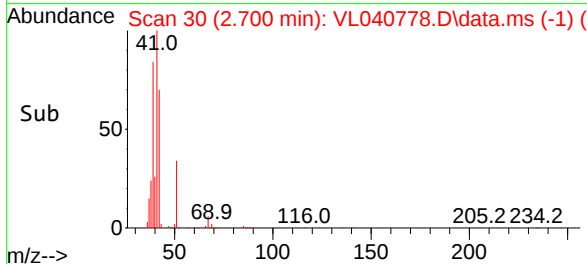
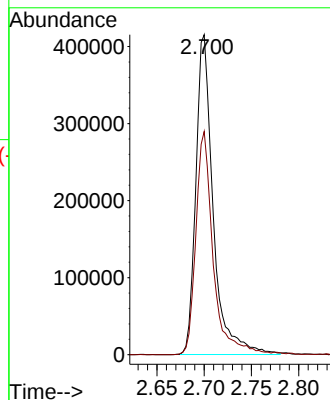
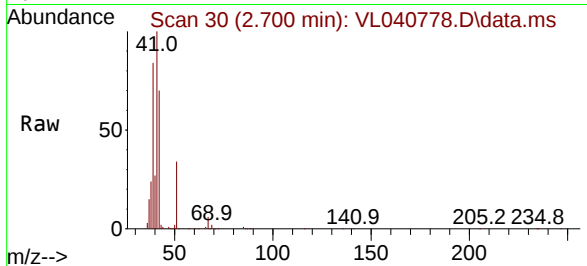
#9
 Propene
 Concen: 10.112 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1023ABS01

Tgt Ion: 41 Resp: 528700
 Ion Ratio Lower Upper
 41 100
 42 70.4 57.1 85.7

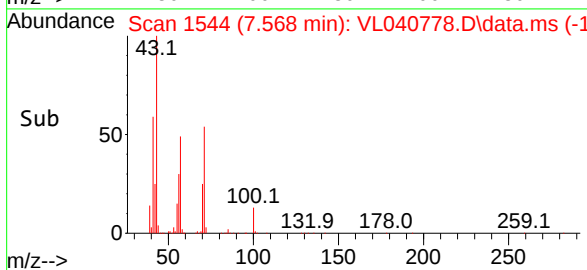
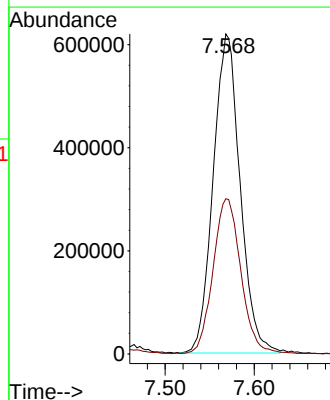
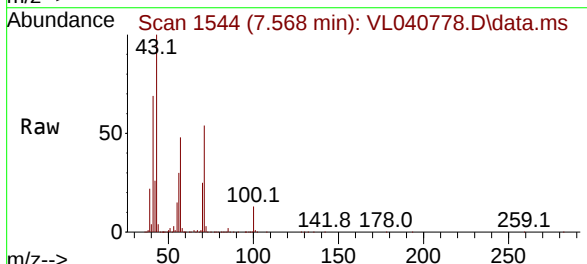
Manual Integrations
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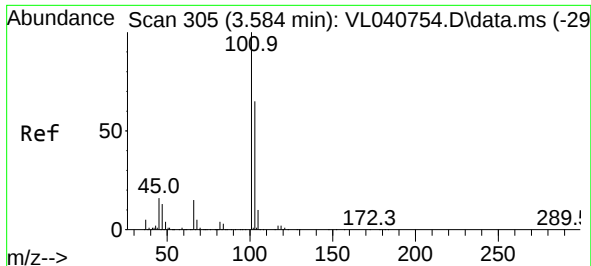
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#10
 Heptane
 Concen: 9.879 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

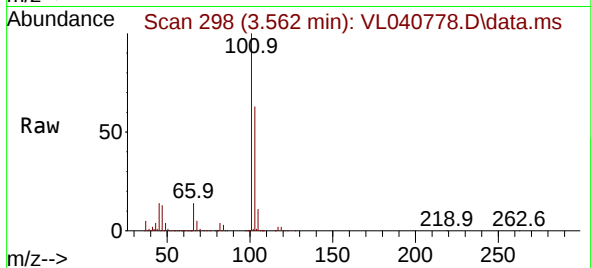
Tgt Ion: 43 Resp: 1297548
 Ion Ratio Lower Upper
 43 100
 57 50.7 40.0 60.0





#11
Trichlorofluoromethane
Concen: 10.563 ppbv
RT: 3.562 min Scan# 298
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

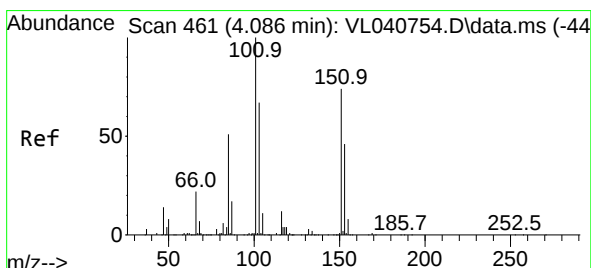
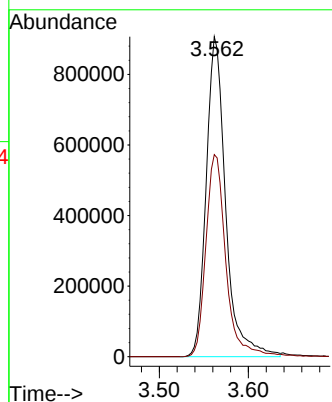
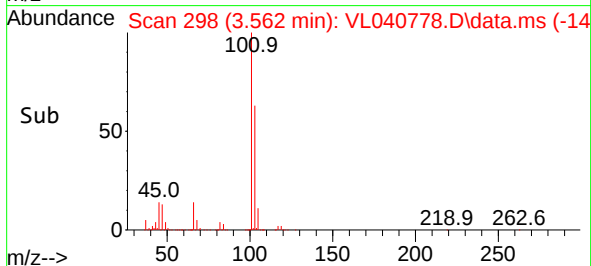
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



Tgt Ion:101 Resp: 137520
Ion Ratio Lower Upper
101 100
103 63.2 52.2 78.2

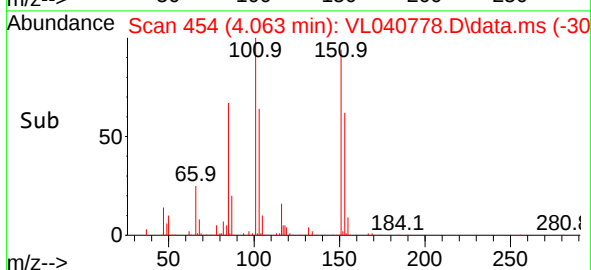
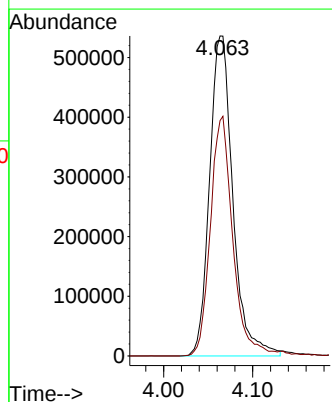
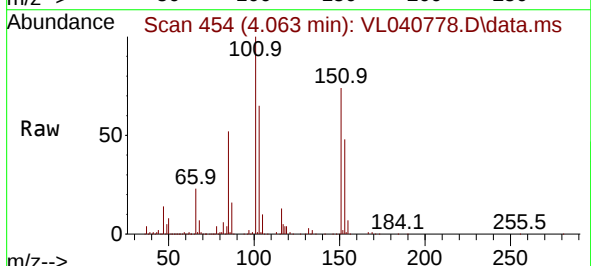
Manual Integrations
APPROVED

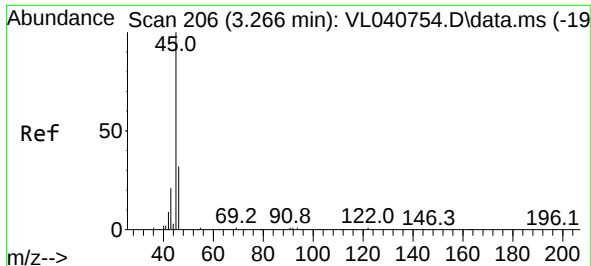
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.483 ppbv
RT: 4.063 min Scan# 454
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

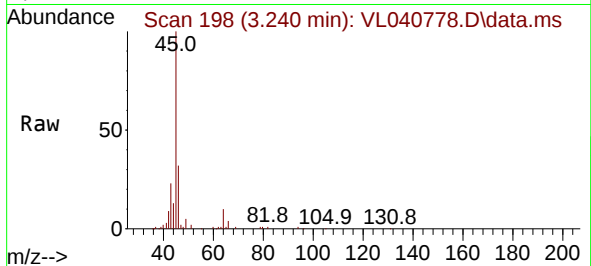
Tgt Ion:101 Resp: 973367
Ion Ratio Lower Upper
101 100
151 73.0 58.1 87.1





#13
Ethanol
Concen: 9.724 ppbv
RT: 3.240 min Scan# 198
Delta R.T. -0.026 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

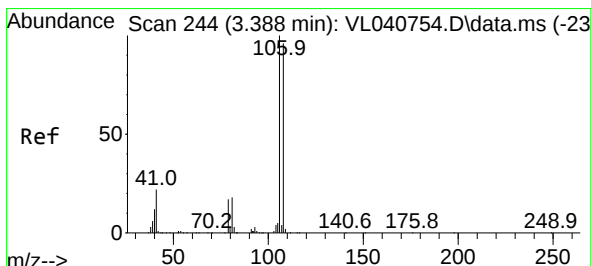
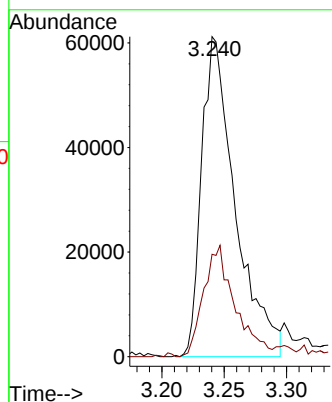
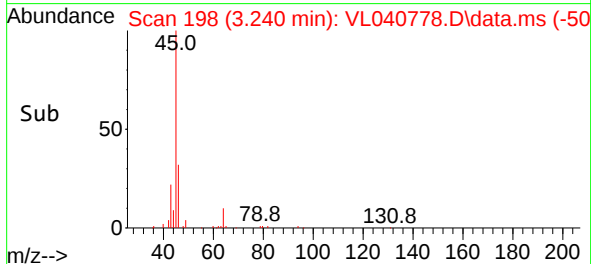
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



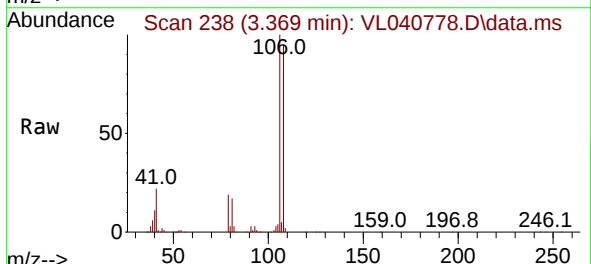
Tgt Ion: 45 Resp: 114773
Ion Ratio Lower Upper
45 100
46 36.1 14.6 58.2

Manual Integrations
APPROVED

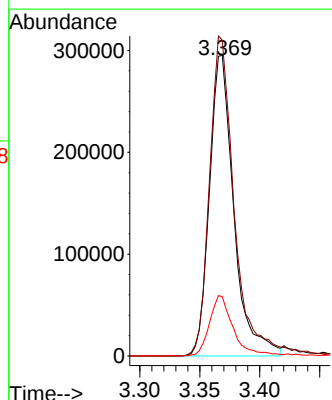
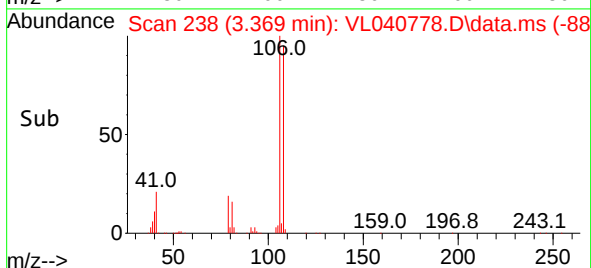
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

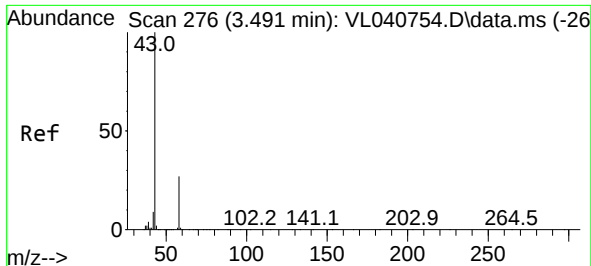


#14
Bromoethene
Concen: 10.504 ppbv
RT: 3.369 min Scan# 238
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



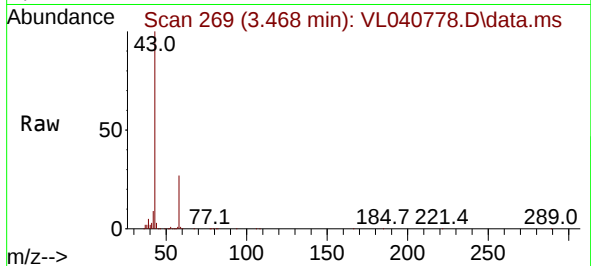
Tgt Ion:108 Resp: 417703
Ion Ratio Lower Upper
108 100
106 109.9 85.2 127.8
79 20.3 15.7 23.5





#15
Acetone
Concen: 9.778 ppbv
RT: 3.468 min Scan# 20
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

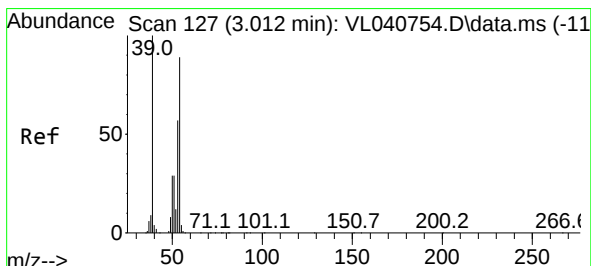
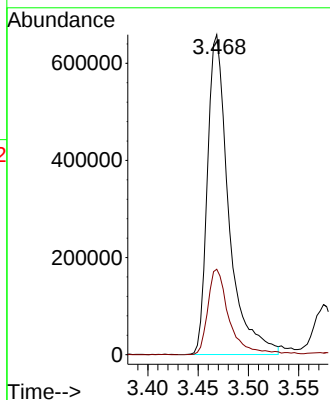
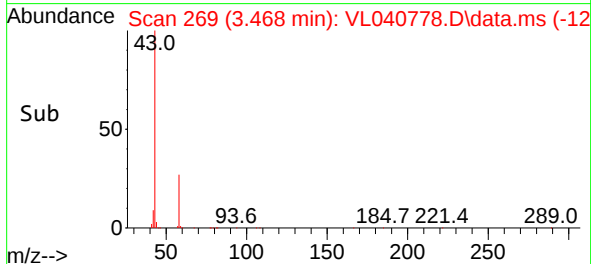
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



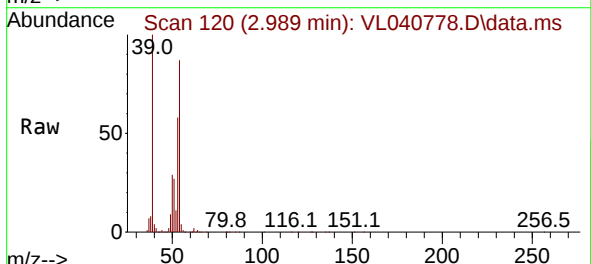
Tgt Ion: 43 Resp: 968258
Ion Ratio Lower Upper
43 100
58 27.1 21.6 32.4

Manual Integrations
APPROVED

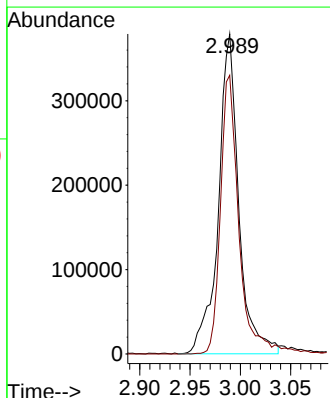
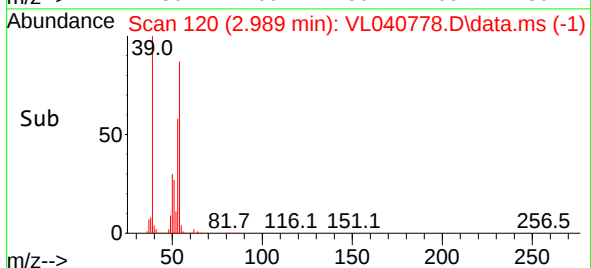
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

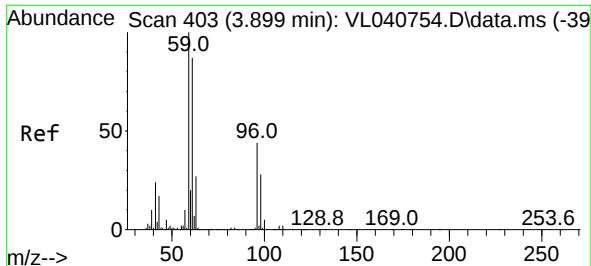


#16
1,3-Butadiene
Concen: 10.302 ppbv
RT: 2.989 min Scan# 120
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



Tgt Ion: 39 Resp: 535156
Ion Ratio Lower Upper
39 100
54 79.8 63.0 94.6





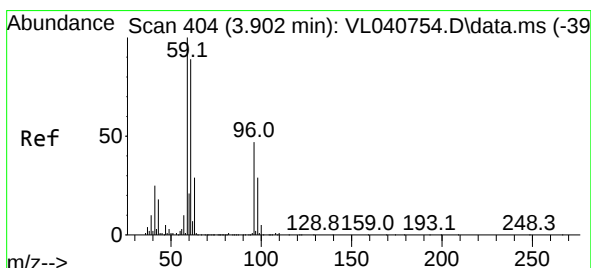
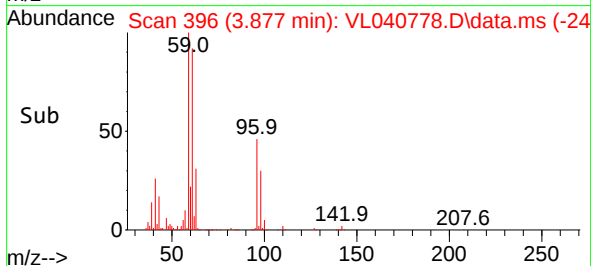
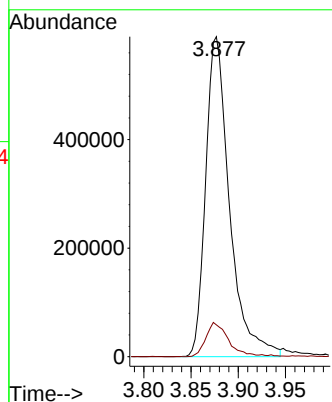
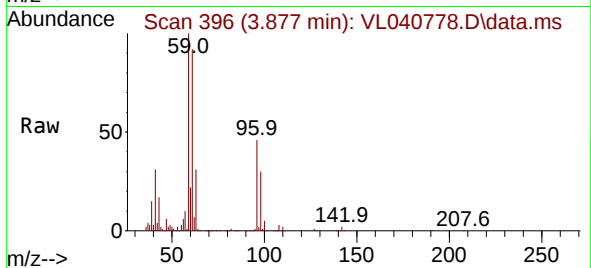
#17
tert-Butyl alcohol
Concen: 10.209 ppbv
RT: 3.877 min Scan# 396
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01

Tgt Ion: 59 Resp: 103656
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0

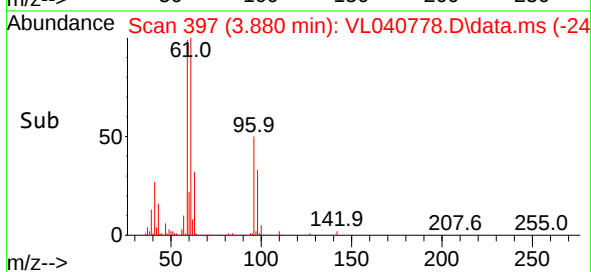
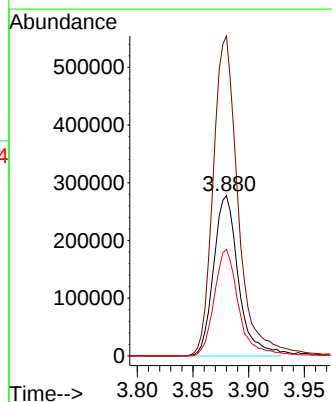
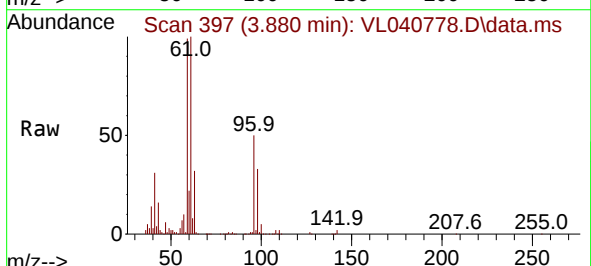
Manual Integrations
APPROVED

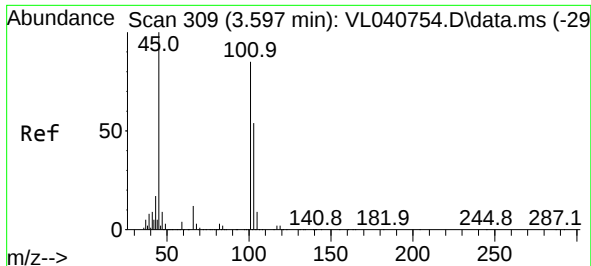
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#18
1,1-Dichloroethene
Concen: 10.337 ppbv
RT: 3.880 min Scan# 397
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

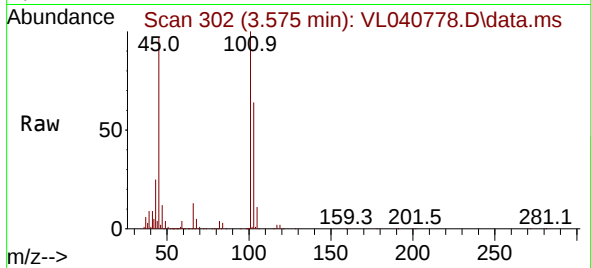
Tgt Ion: 96 Resp: 430175
Ion Ratio Lower Upper
96 100
61 199.5 152.5 228.7
98 66.5 49.6 74.4





#19
Isopropyl Alcohol
Concen: 10.948 ppbv
RT: 3.575 min Scan# 309
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

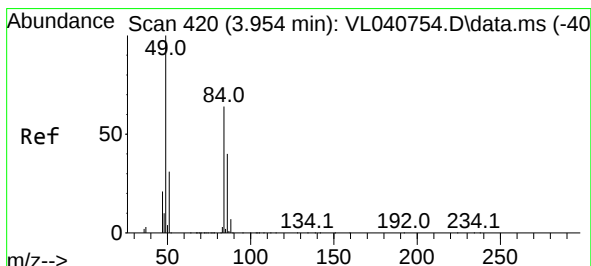
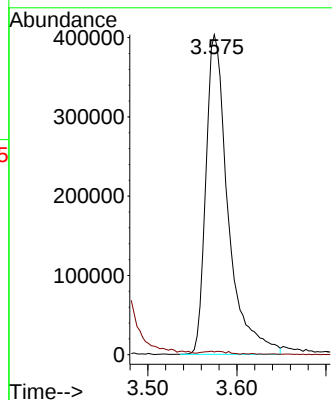
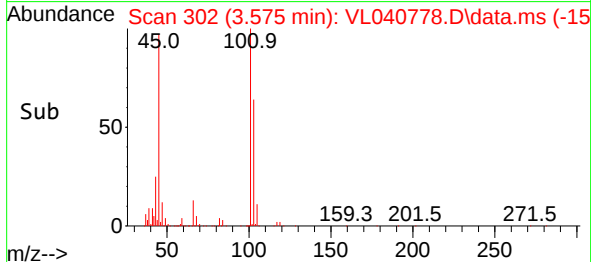
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



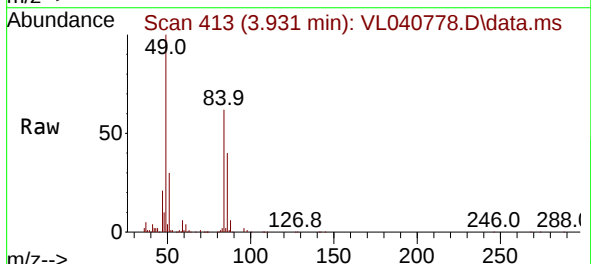
Tgt Ion: 45 Resp: 697884
Ion Ratio Lower Upper
45 100
58 37.6 30.3 45.5

Manual Integrations
APPROVED

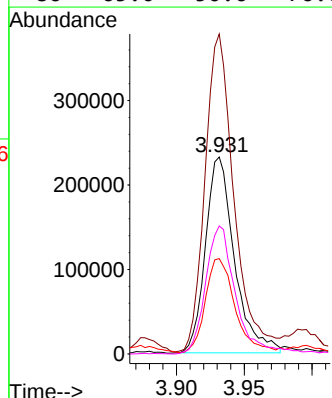
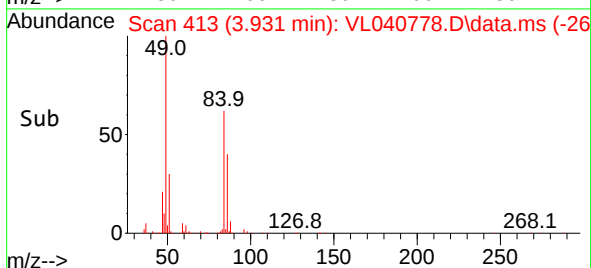
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

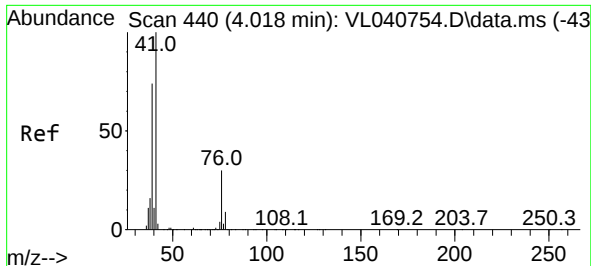


#20
Methylene Chloride
Concen: 8.403 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



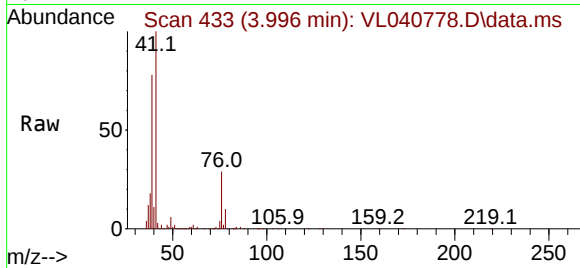
Tgt Ion: 84 Resp: 346597
Ion Ratio Lower Upper
84 100
49 161.8 125.6 188.4
51 47.9 38.9 58.3
86 65.0 50.6 76.0





#21
 Allyl Chloride
 Concen: 10.445 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

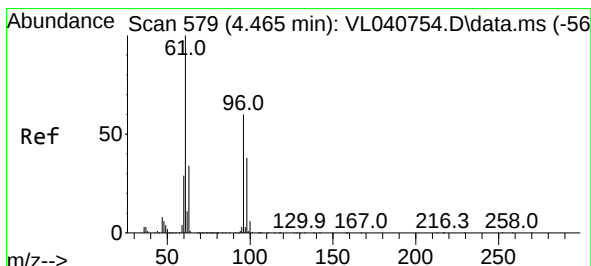
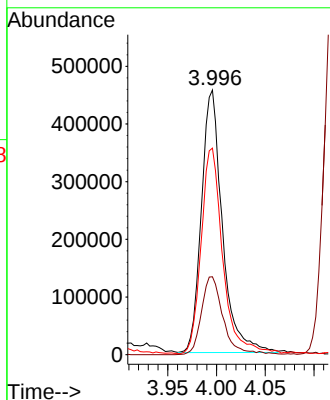
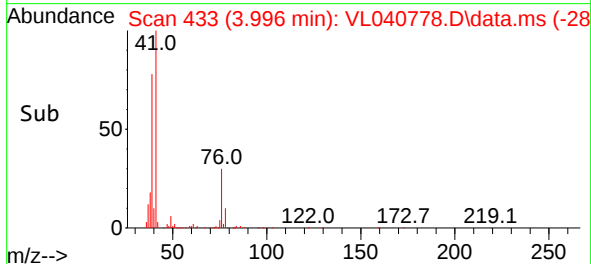
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1023ABS01



Tgt Ion: 41 Resp: 68213
 Ion Ratio Lower Upper
 41 100
 76 31.0 24.1 36.1
 39 80.9 63.8 95.6

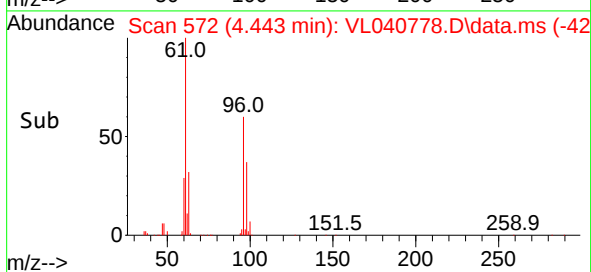
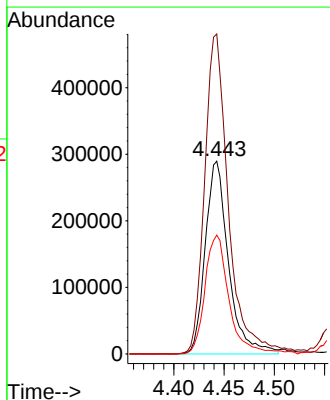
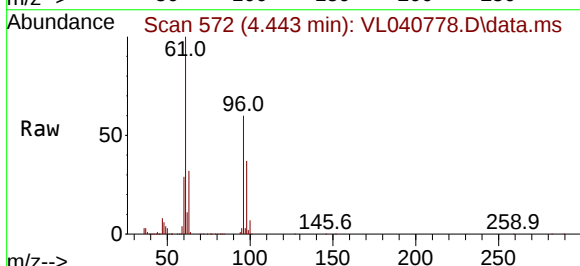
Manual Integrations
 APPROVED

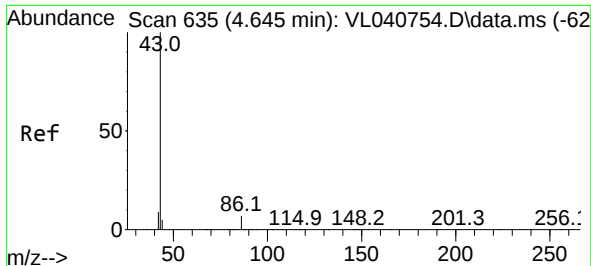
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.533 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

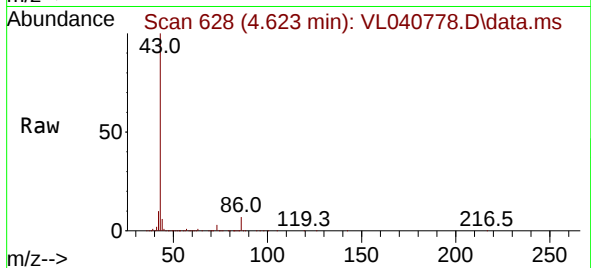
Tgt Ion: 96 Resp: 466538
 Ion Ratio Lower Upper
 96 100
 61 165.9 134.0 201.0
 98 61.6 51.0 76.4





#23
 Vinyl Acetate
 Concen: 9.018 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

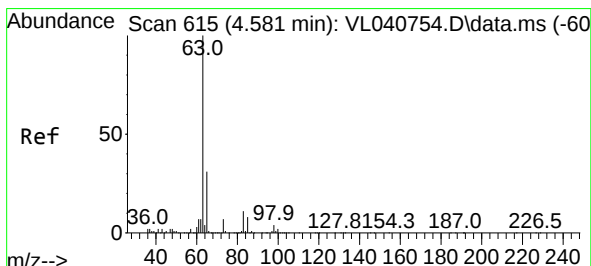
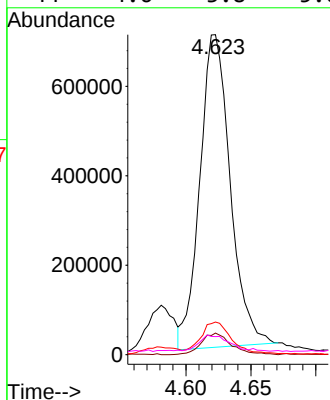
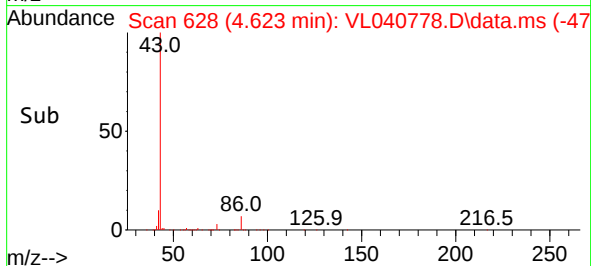
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1023ABS01



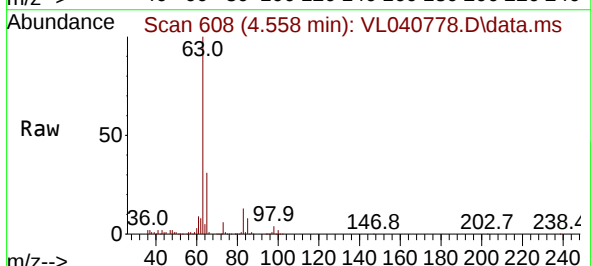
Tgt Ion: 43 Resp: 113800
 Ion Ratio Lower Upper
 43 100
 86 7.0 4.9 7.3
 42 10.2 7.8 11.6
 44 4.6 3.8 5.6

Manual Integrations
 APPROVED

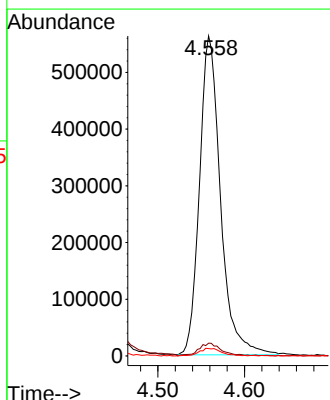
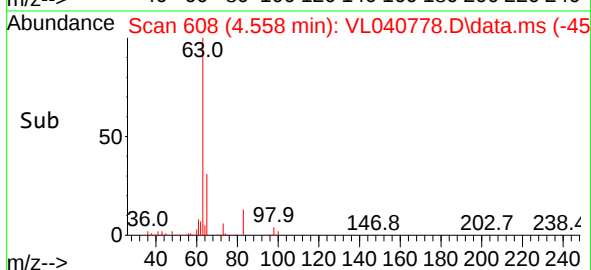
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

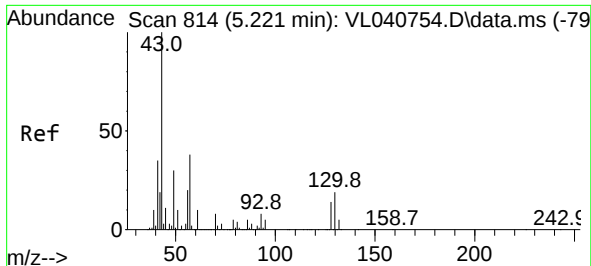


#24
 1,1-Dichloroethane
 Concen: 9.958 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37



Tgt Ion: 63 Resp: 947771
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.0 5.8
 100 2.3 1.3 3.8





#25

Ethyl Acetate

Concen: 10.003 ppbv

RT: 5.198 min Scan# 807

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

VL1023ABS01

Tgt Ion: 43 Resp: 217025

Ion Ratio Lower Upper

43 100

45 10.0 8.2 12.4

61 10.1 8.2 12.2

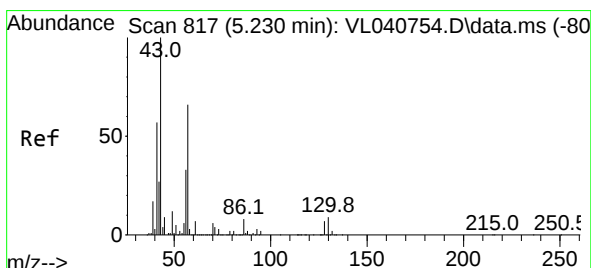
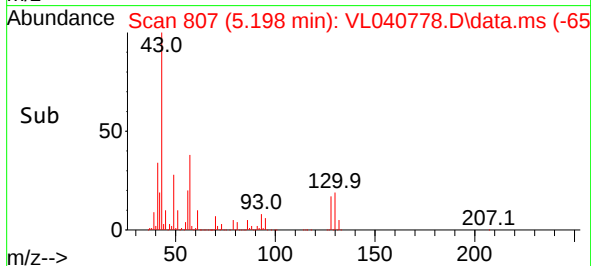
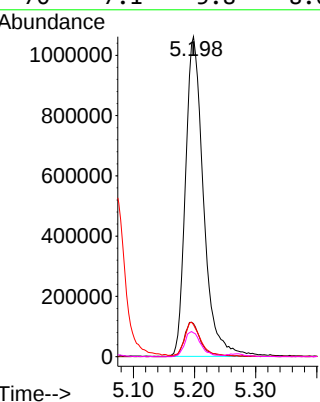
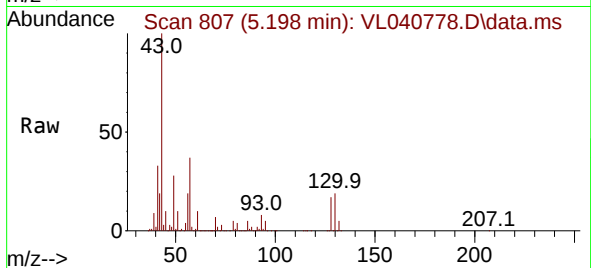
70 7.1 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#26

Hexane

Concen: 9.581 ppbv

RT: 5.205 min Scan# 809

Delta R.T. -0.026 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Tgt Ion: 57 Resp: 950073

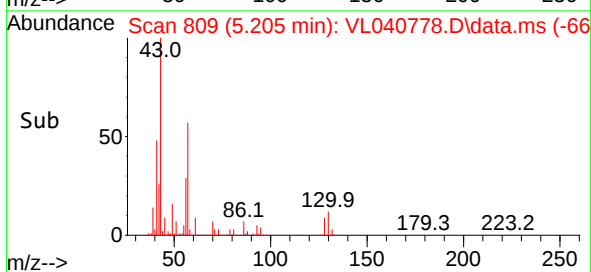
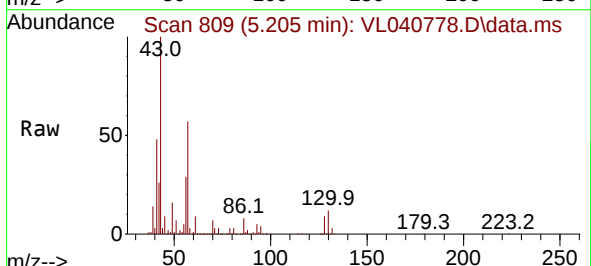
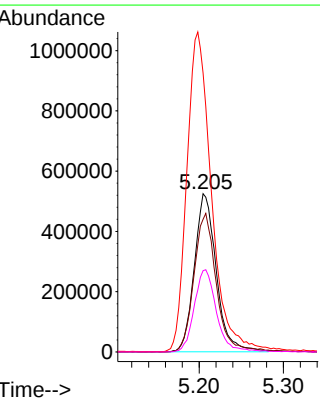
Ion Ratio Lower Upper

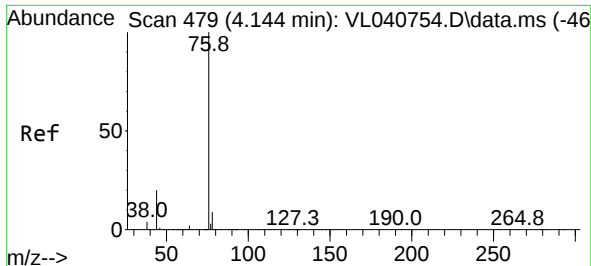
57 100

41 90.0 71.4 107.2

43 228.9 182.3 273.5

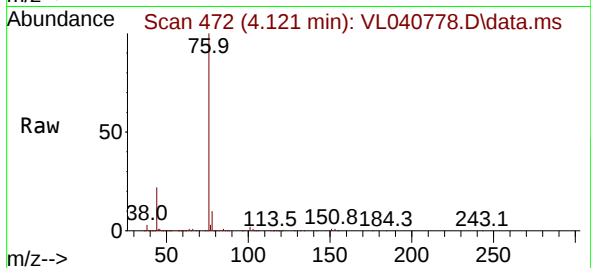
56 53.0 42.0 63.0





#27
Carbon Disulfide
Concen: 10.565 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

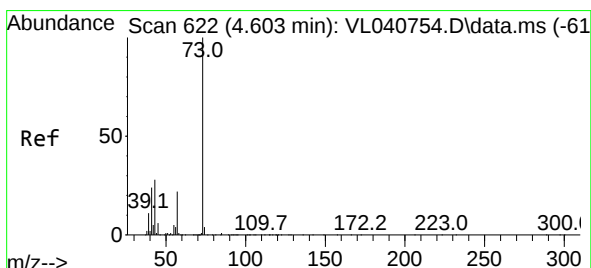
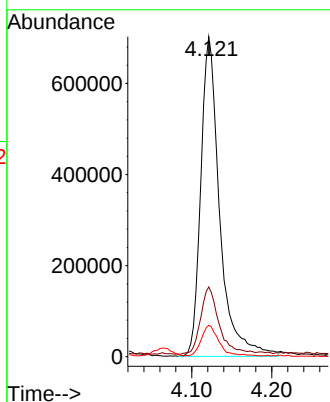
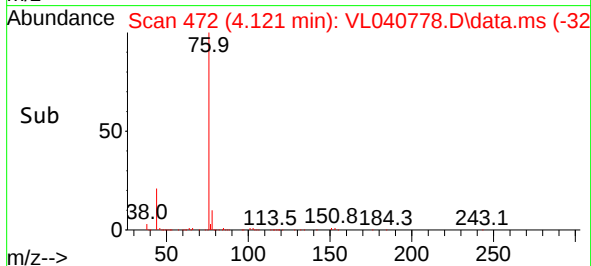
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



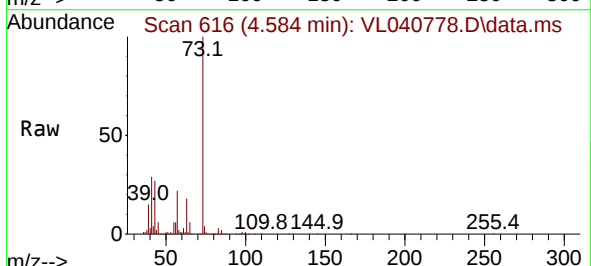
Tgt Ion: 76 Resp: 1155920
Ion Ratio Lower Upper
76 100
44 21.1 16.6 25.0
78 9.8 7.8 11.6

Manual Integrations
APPROVED

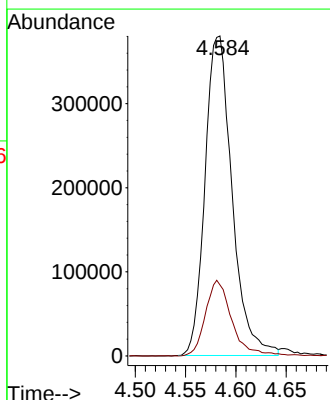
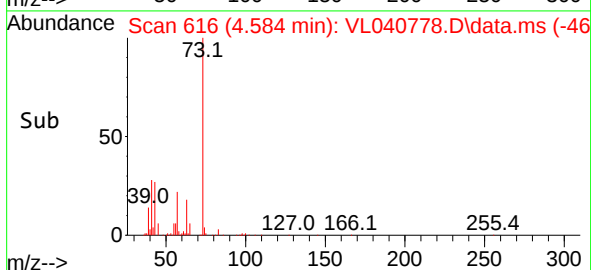
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

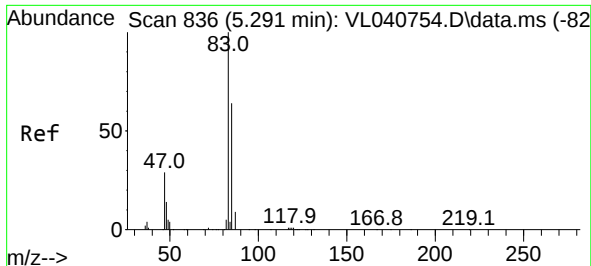


#28
Methyl tert-Butyl Ether
Concen: 9.227 ppbv
RT: 4.584 min Scan# 616
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



Tgt Ion: 73 Resp: 711505
Ion Ratio Lower Upper
73 100
57 23.4 18.9 28.3





#29

Chloroform

Concen: 10.588 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

VL1023ABS01

Tgt Ion: 83 Resp: 151915

Ion Ratio Lower Upper

83 100

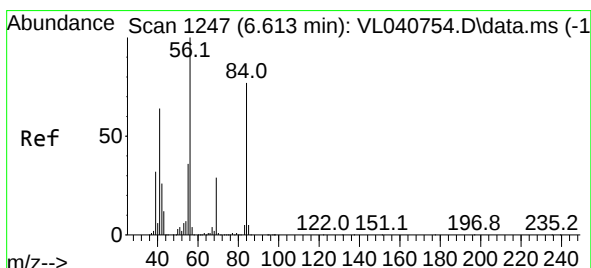
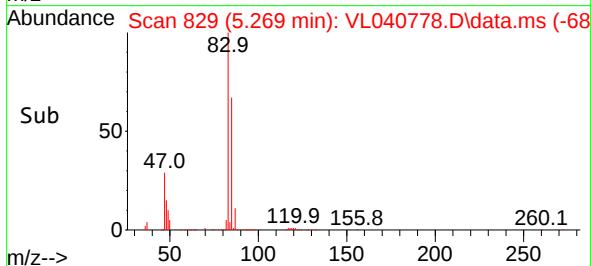
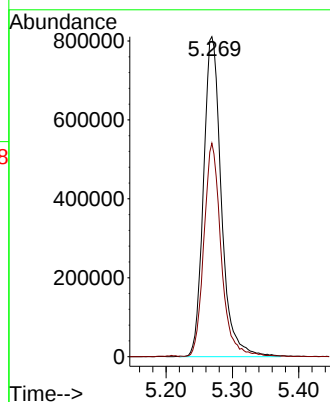
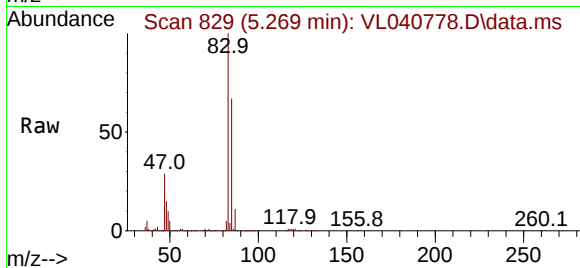
85 66.5 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#30

Cyclohexane

Concen: 10.062 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

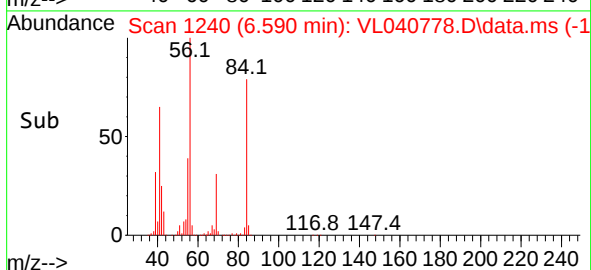
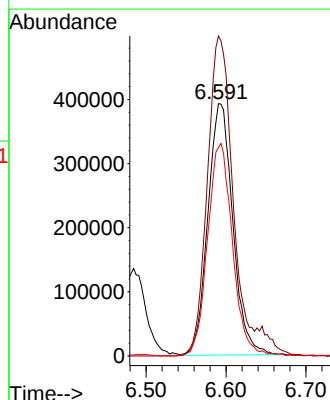
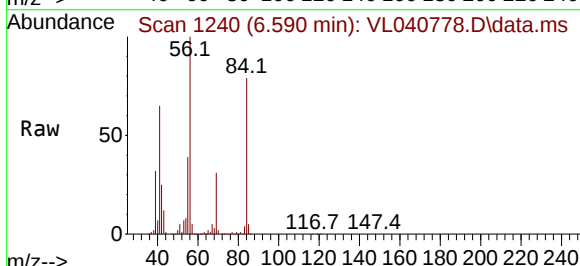
Tgt Ion: 84 Resp: 849027

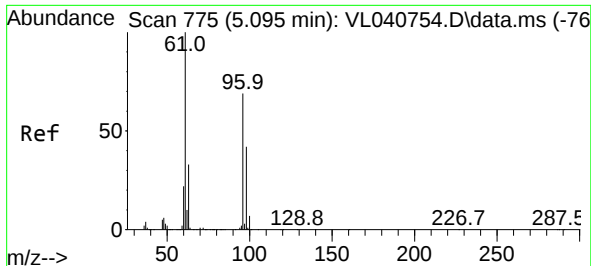
Ion Ratio Lower Upper

84 100

56 135.5 110.3 165.5

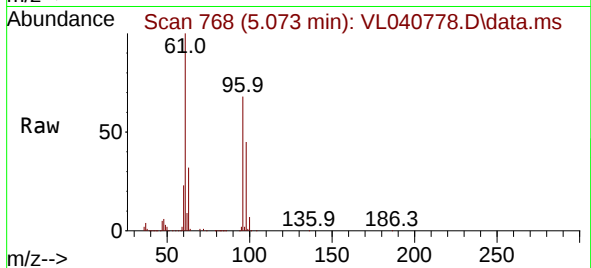
41 84.5 67.4 101.2





#31
 cis-1,2-Dichloroethene
 Concen: 10.583 ppbv
 RT: 5.073 min Scan# 70
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

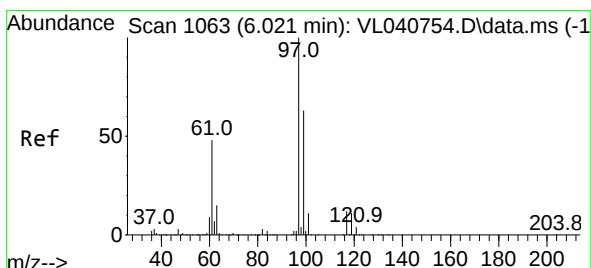
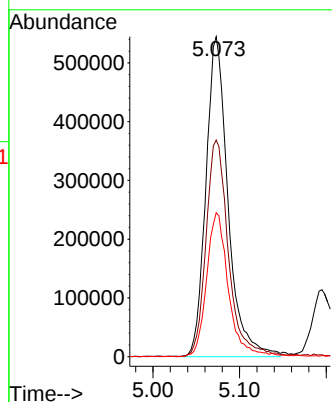
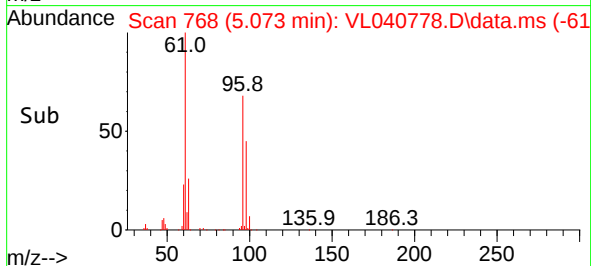
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1023ABS01



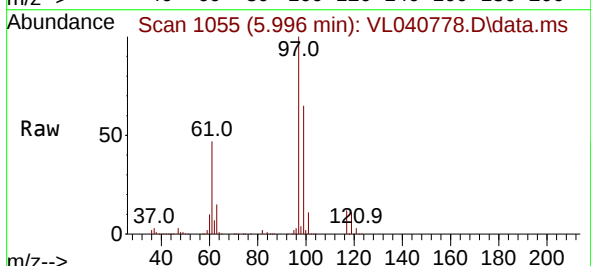
Tgt Ion: 61 Resp: 967065
 Ion Ratio Lower Upper
 61 100
 96 67.5 55.1 82.7
 98 44.9 33.5 50.3

Manual Integrations
 APPROVED

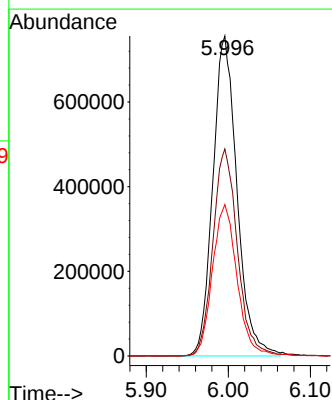
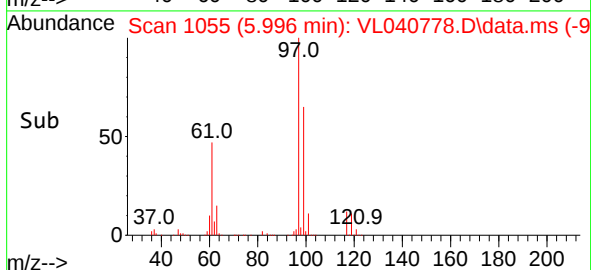
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

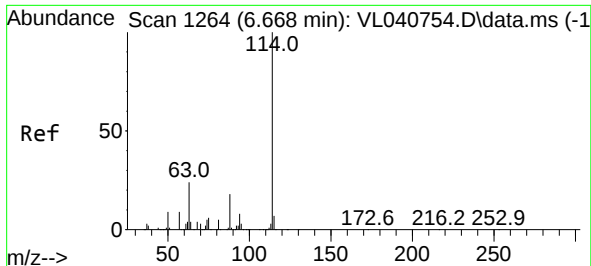


#32
 1,1,1-Trichloroethane
 Concen: 10.120 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.026 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37



Tgt Ion: 97 Resp: 1545354
 Ion Ratio Lower Upper
 97 100
 99 65.9 51.8 77.6
 61 48.6 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

VL1023ABS01

Tgt Ion:114 Resp: 2707598

Ion Ratio Lower Upper

114 100

63 24.0 19.8 29.6

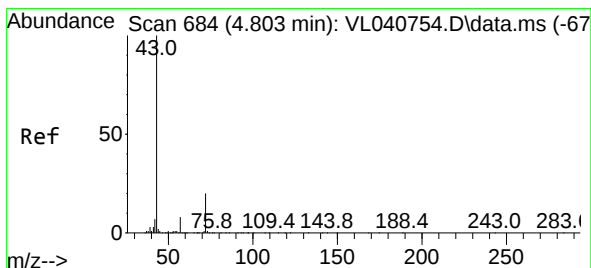
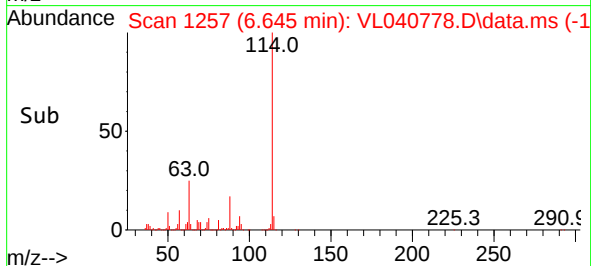
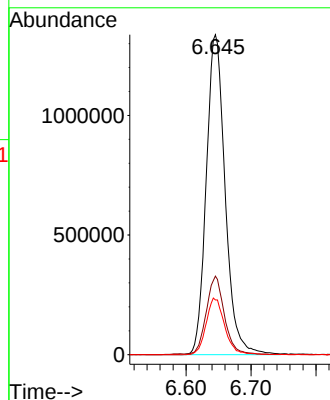
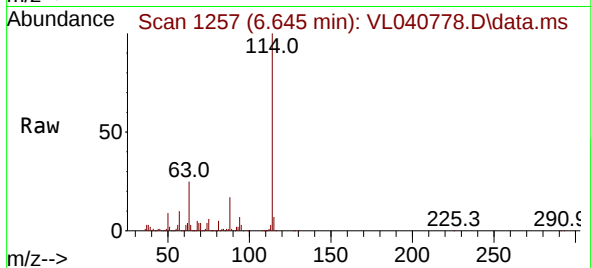
88 17.5 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#34

2-Butanone

Concen: 8.694 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.022 min

Lab File: VL040778.D

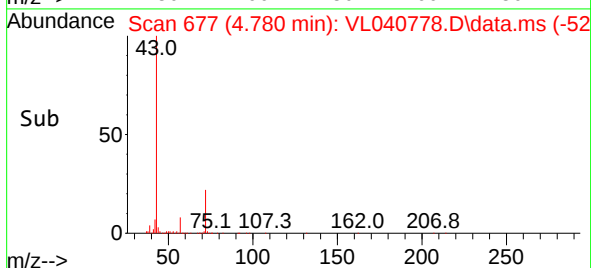
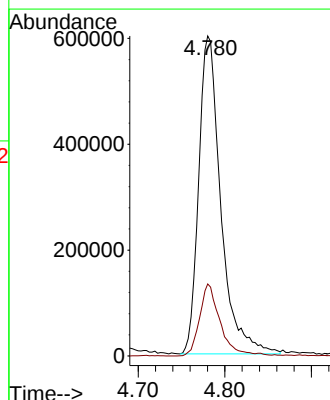
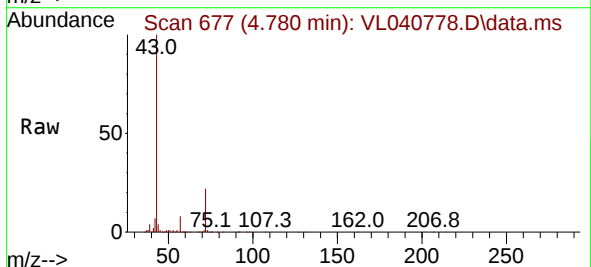
Acq: 23 Oct 2023 14:37

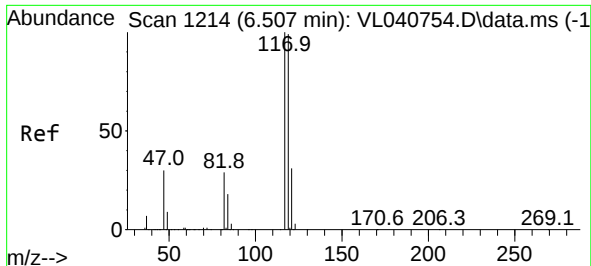
Tgt Ion: 43 Resp: 1065487

Ion Ratio Lower Upper

43 100

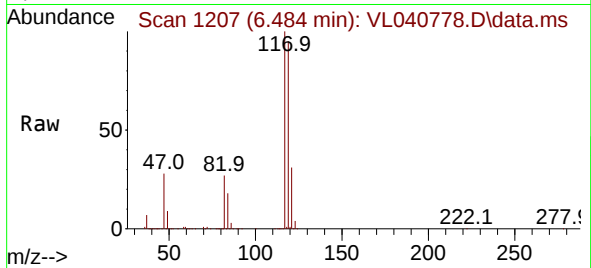
72 21.6 16.8 25.2





#35
Carbon Tetrachloride
Concen: 10.869 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

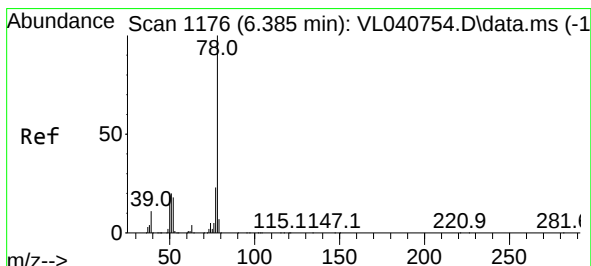
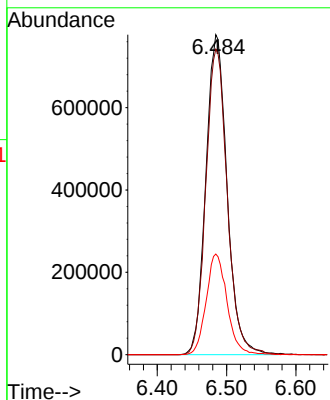
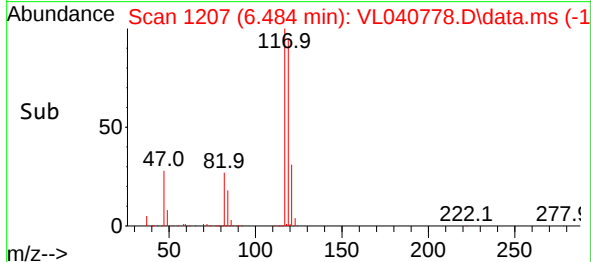
Instrument : MSVOA_L
ClientSampleId : VL1023ABS01



Tgt Ion: 117 Resp: 1651869
Ion Ratio Lower Upper
117 100
119 95.4 79.4 119.0
121 31.4 25.0 37.4

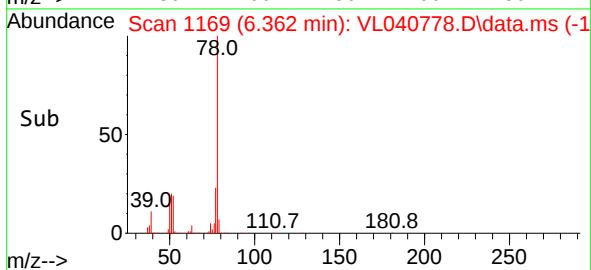
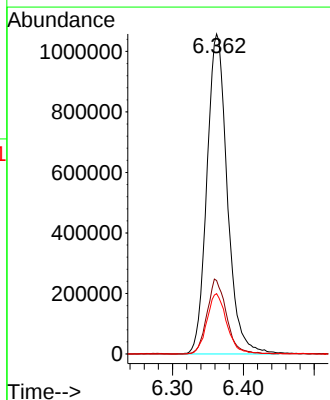
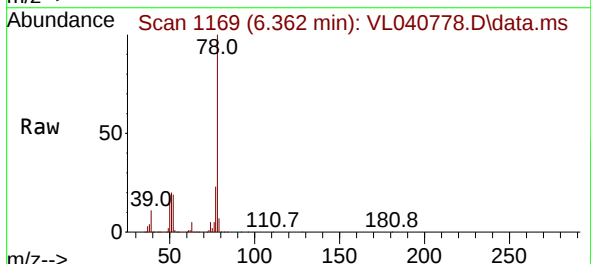
Manual Integrations
APPROVED

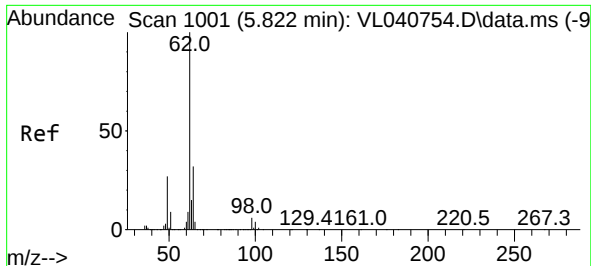
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#36
Benzene
Concen: 10.167 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

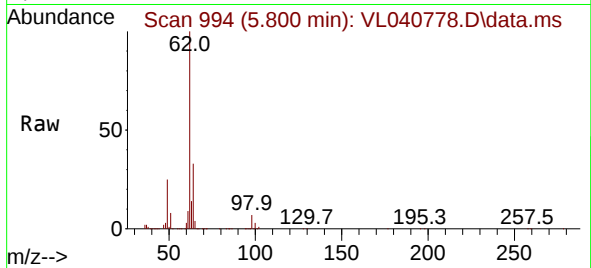
Tgt Ion: 78 Resp: 2117394
Ion Ratio Lower Upper
78 100
77 22.9 18.4 27.6
50 18.8 15.0 22.4





#37
1,2-Dichloroethane
Concen: 10.882 ppbv
RT: 5.800 min Scan# 91
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

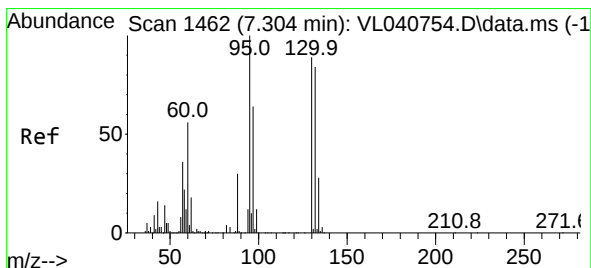
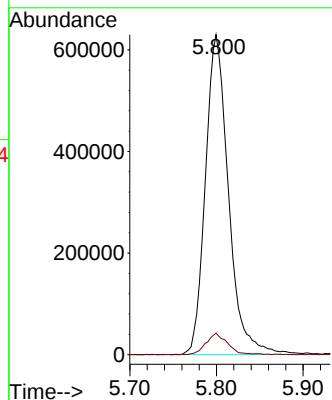
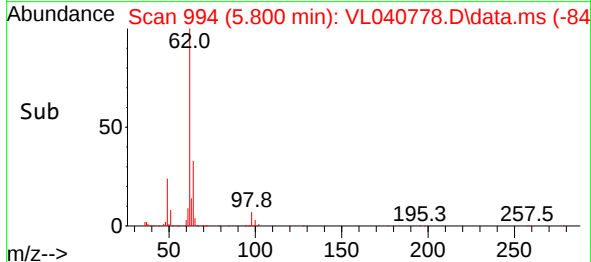
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



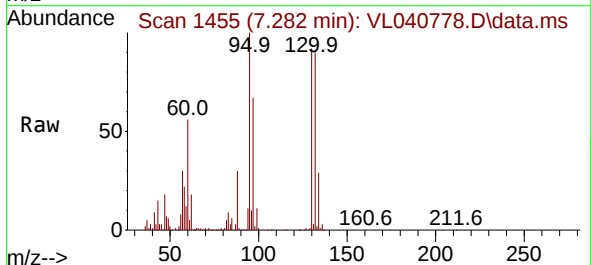
Tgt Ion: 62 Resp: 116068
Ion Ratio Lower Upper
62 100
98 6.4 5.4 8.0

Manual Integrations
APPROVED

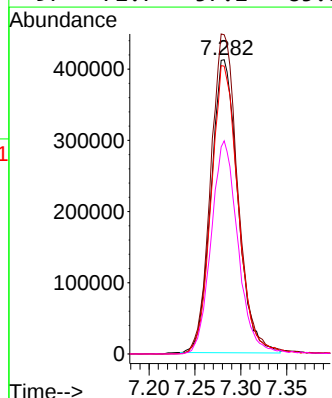
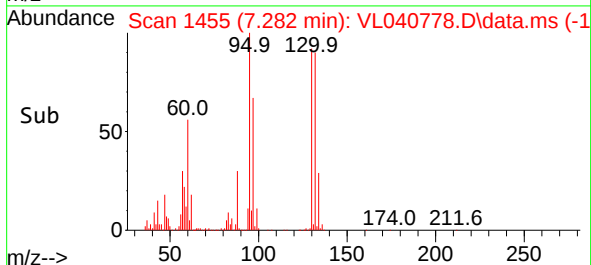
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

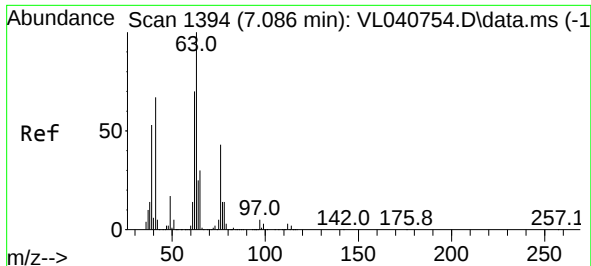


#38
Trichloroethene
Concen: 9.046 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



Tgt Ion:130 Resp: 833778
Ion Ratio Lower Upper
130 100
95 108.9 89.4 134.2
132 98.2 74.8 112.2
97 72.7 57.2 85.8





#39

1,2-Dichloropropane

Concen: 9.988 ppbv

RT: 7.063 min Scan# 1453

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

VL1023ABS01

Tgt Ion: 63 Resp: 812698

Ion Ratio Lower Upper

63 100

41 73.1 53.7 80.5

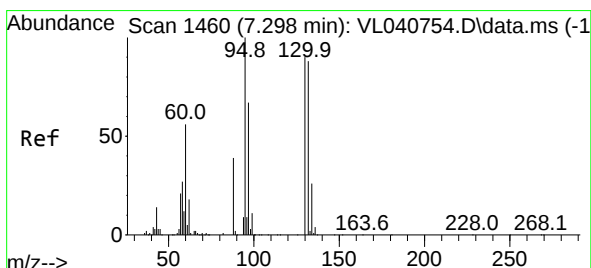
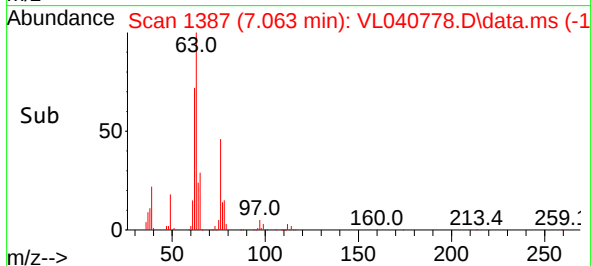
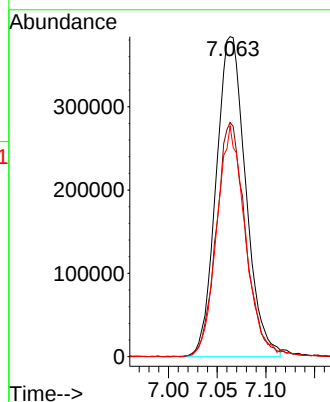
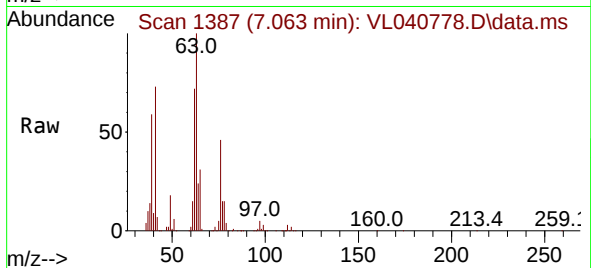
62 71.9 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#40

1,4-Dioxane

Concen: 10.671 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Tgt Ion: 88 Resp: 328562

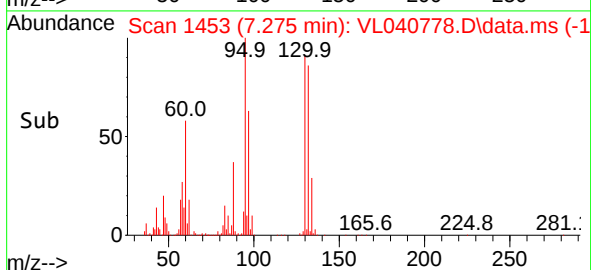
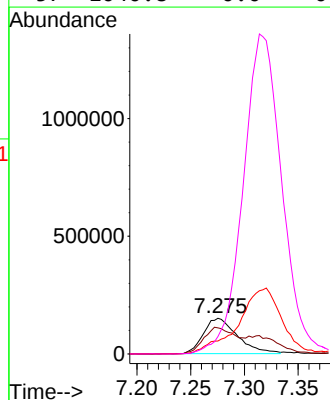
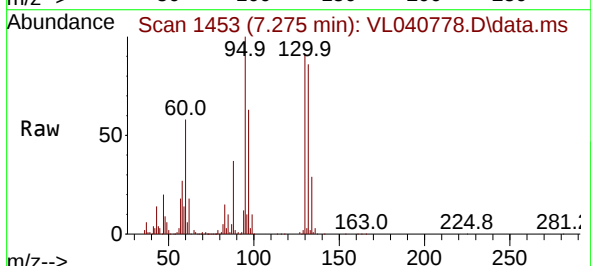
Ion Ratio Lower Upper

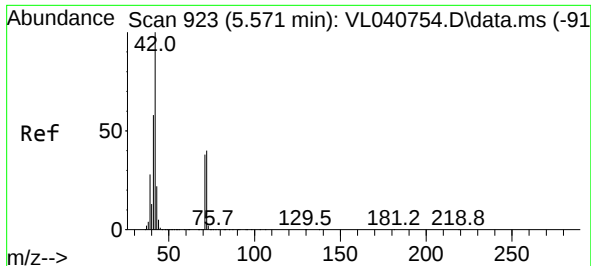
88 100

58 121.7 100.0 150.0

43 240.9 0.0 0.0#

57 1040.8 0.0 0.0#





#41

Tetrahydrofuran

Concen: 10.040 ppbv

RT: 5.549 min Scan# 916

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

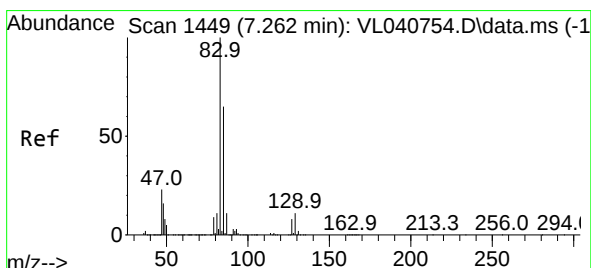
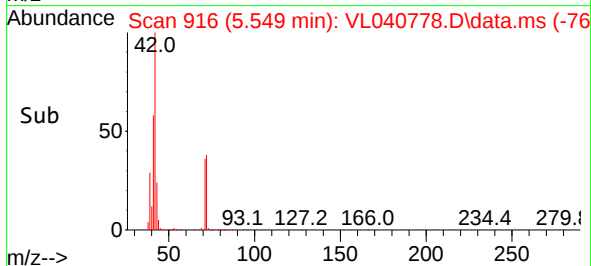
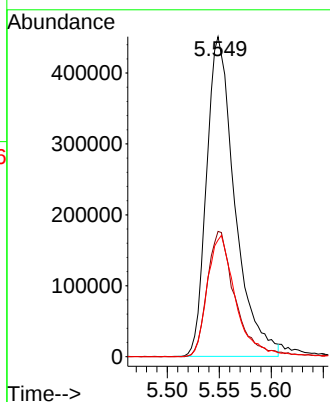
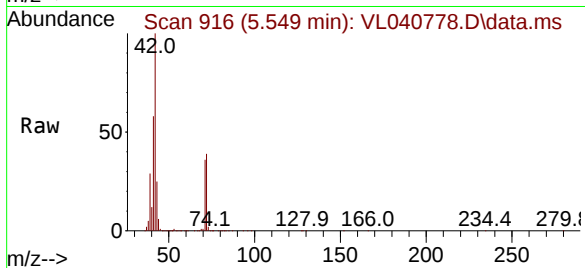
VL1023ABS01

Tgt Ion:	42	Resp:	85212
Ion	Ratio	Lower	Upper
42	100		
72	39.6	31.1	46.7
71	38.8	29.7	44.5

Manual Integrations

APPROVED

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



#42

Bromodichloromethane

Concen: 10.817 ppbv

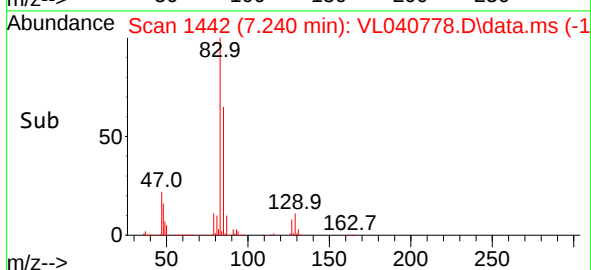
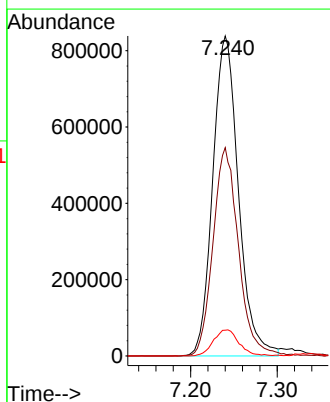
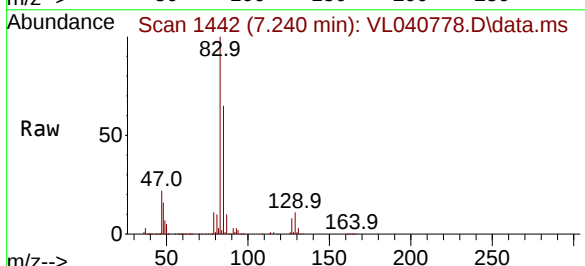
RT: 7.240 min Scan# 1442

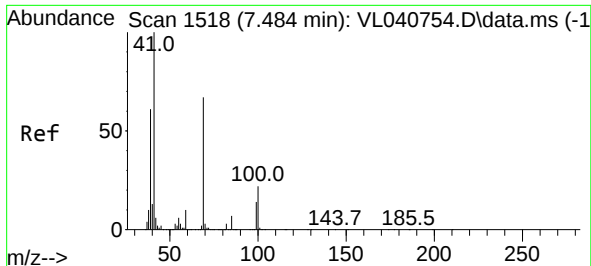
Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

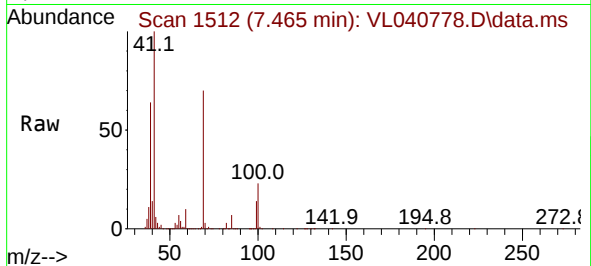
Tgt Ion:	83	Resp:	1728346
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.1	78.1
127	8.0	6.7	10.1





#43
Methyl Methacrylate
Concen: 10.394 ppbv
RT: 7.465 min Scan# 1465
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

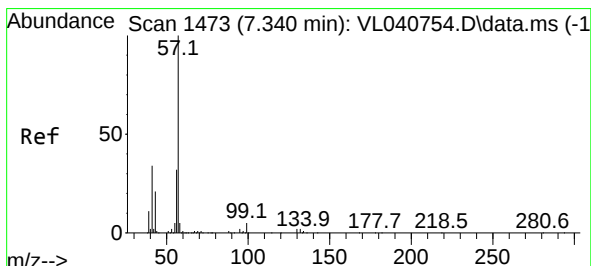
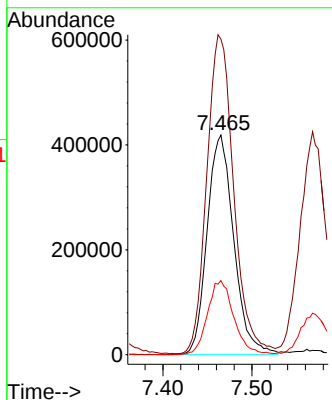
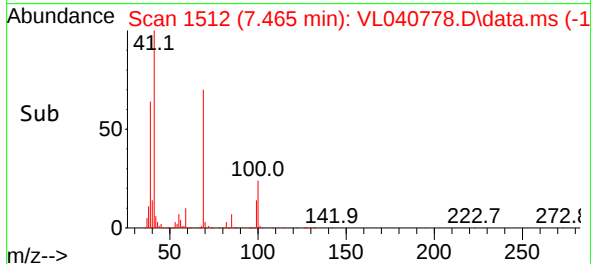
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



Tgt Ion: 69 Resp: 866498
Ion Ratio Lower Upper
69 100
41 148.4 120.6 181.0
100 33.3 27.1 40.7

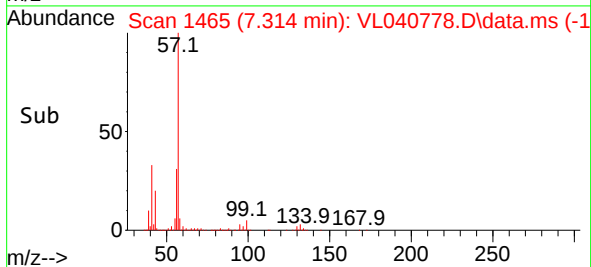
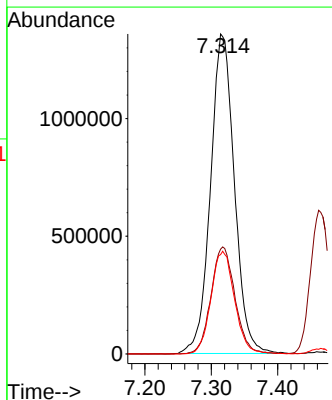
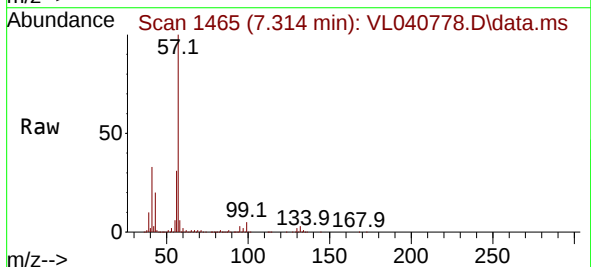
Manual Integrations
APPROVED

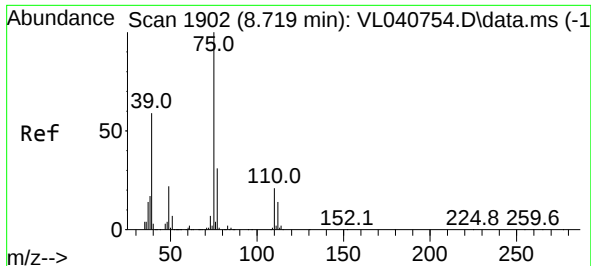
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#44
2,2,4-Trimethylpentane
Concen: 9.629 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.026 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion: 57 Resp: 3391246
Ion Ratio Lower Upper
57 100
41 33.9 27.4 41.0
56 31.9 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 11.332 ppbv

RT: 8.700 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

VL1023ABS01

Tgt Ion: 75 Resp: 75329

Ion Ratio Lower Upper

75 100

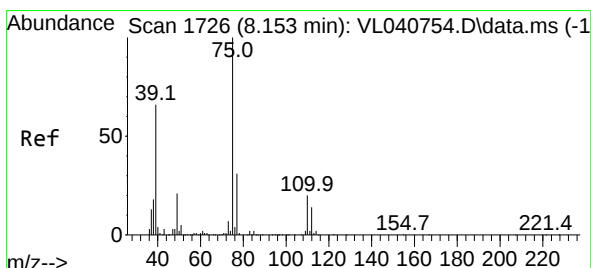
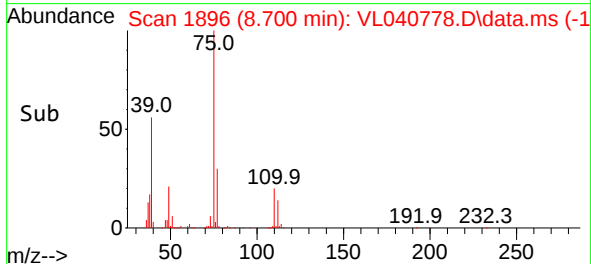
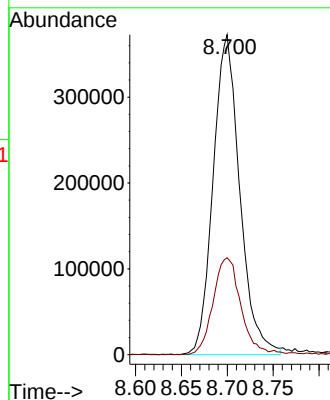
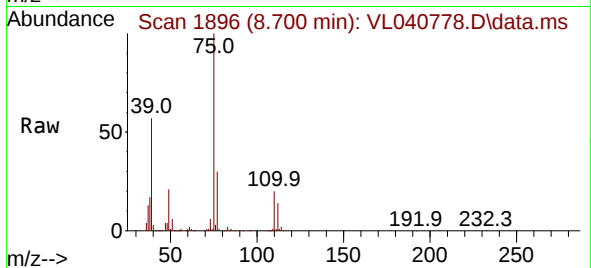
77 30.3 24.9 37.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#46

cis-1,3-Dichloropropene

Concen: 10.855 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.019 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

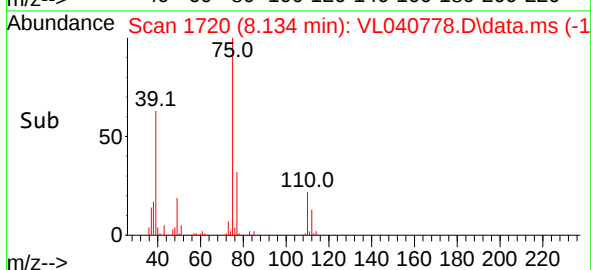
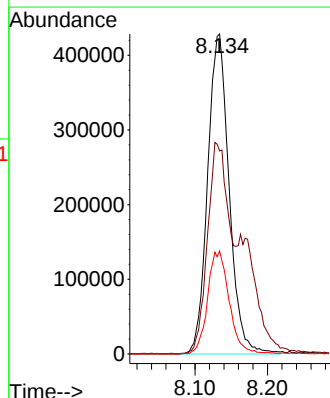
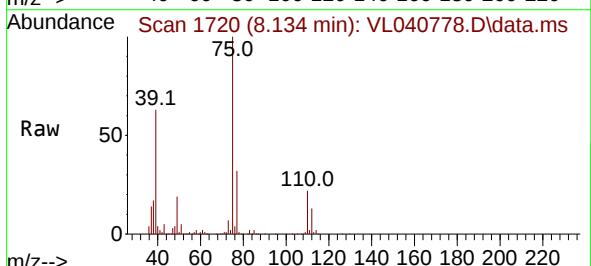
Tgt Ion: 75 Resp: 881628

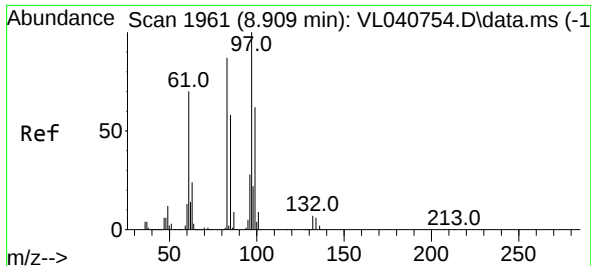
Ion Ratio Lower Upper

75 100

39 63.4 52.4 78.6

77 32.2 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 10.213 ppbv

RT: 8.886 min Scan# 1961

Delta R.T. -0.022 min

Lab File: VL040778.D

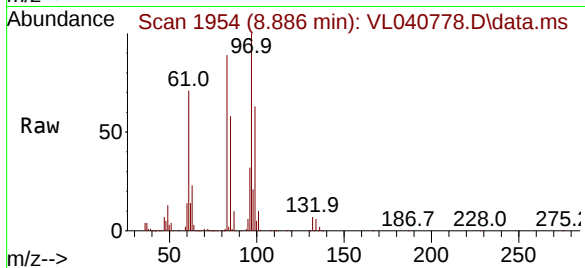
Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

VL1023ABS01



Tgt Ion: 97 Resp: 872889

Ion Ratio Lower Upper

97 100

83 88.9 69.5 104.3

85 57.9 46.6 69.8

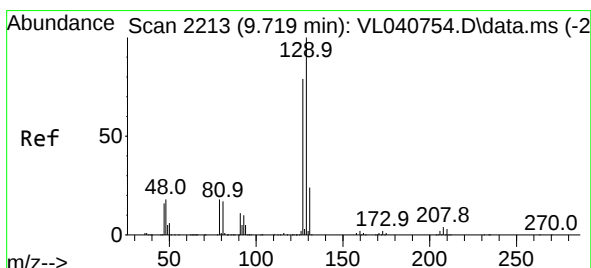
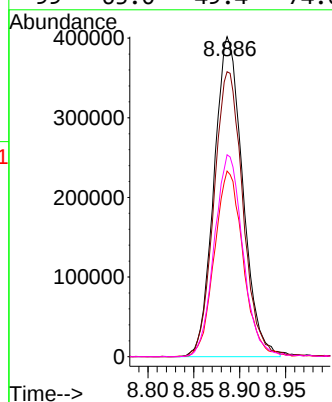
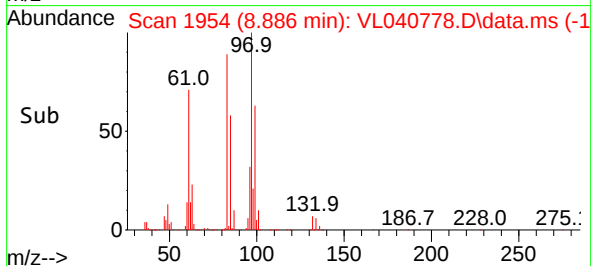
99 63.0 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#48

Dibromochloromethane

Concen: 10.944 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. -0.022 min

Lab File: VL040778.D

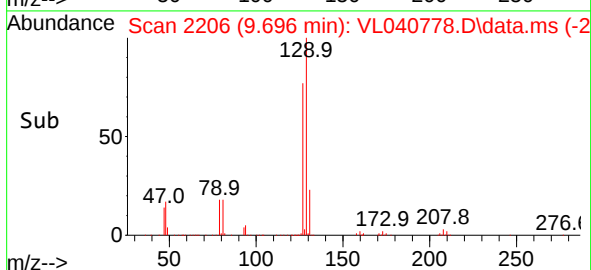
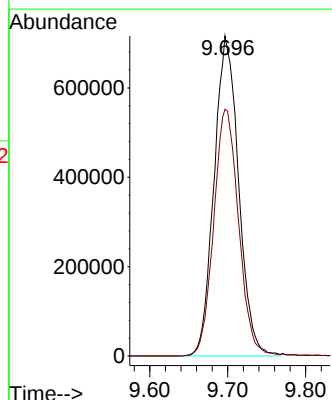
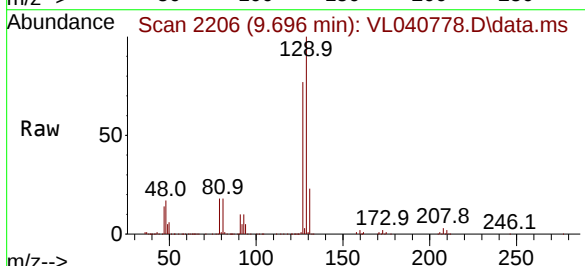
Acq: 23 Oct 2023 14:37

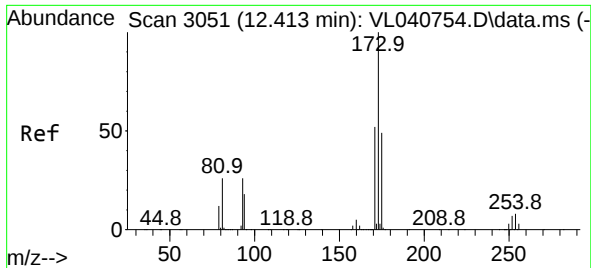
Tgt Ion:129 Resp: 1567472

Ion Ratio Lower Upper

129 100

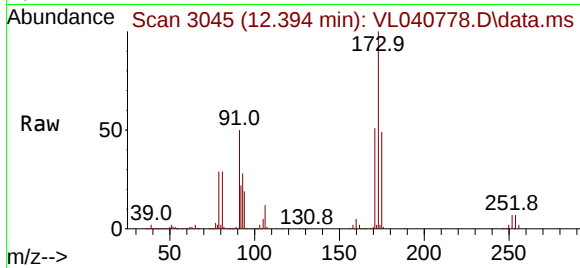
127 78.5 39.1 117.3





#49
Bromoform
Concen: 10.959 ppbv
RT: 12.394 min Scan# 3051
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

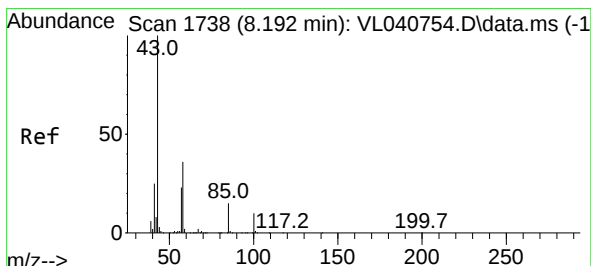
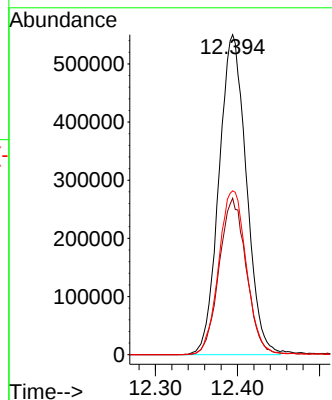
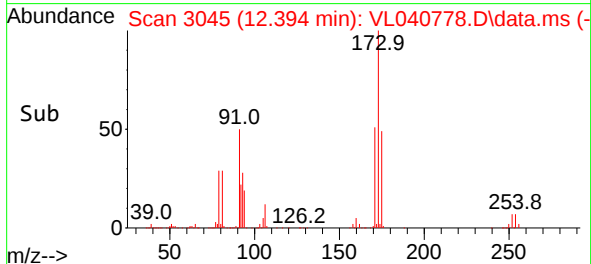
Instrument : MSVOA_L
ClientSampleId : VL1023ABS01



Tgt Ion:173 Resp: 127602
Ion Ratio Lower Upper
173 100
175 48.7 39.2 58.8
171 52.2 42.0 63.0

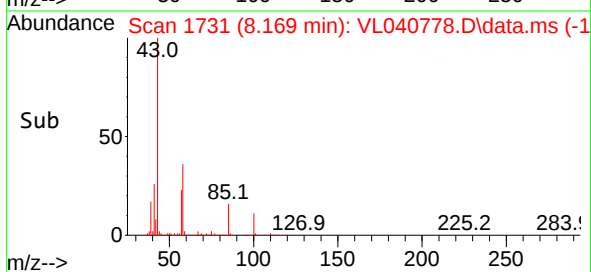
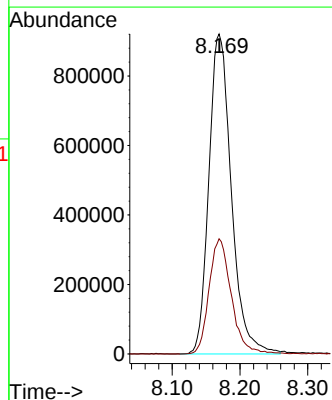
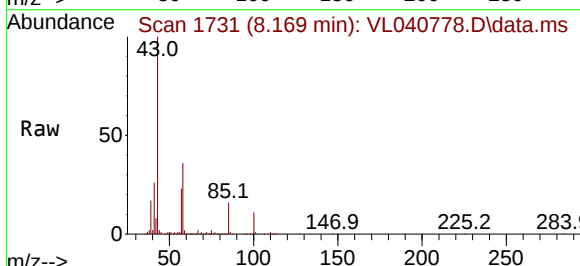
Manual Integrations
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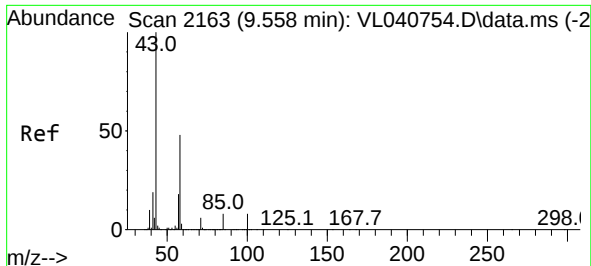
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#50
4-Methyl-2-Pentanone
Concen: 10.138 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

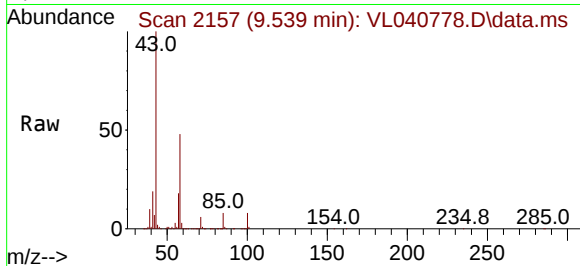
Tgt Ion: 43 Resp: 2125408
Ion Ratio Lower Upper
43 100
58 35.6 28.8 43.2





#51
2-Hexanone
Concen: 10.274 ppbv
RT: 9.539 min Scan# 2163
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

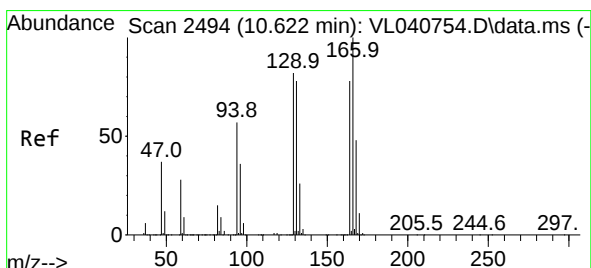
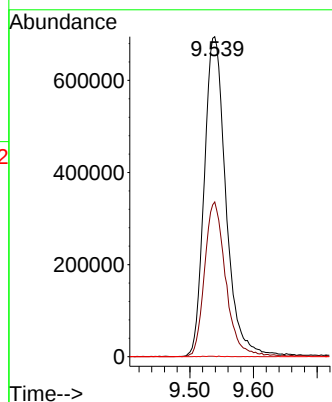
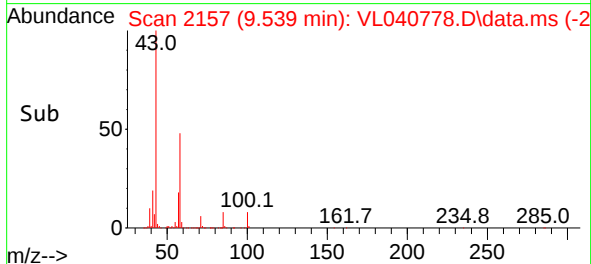
Instrument : MSVOA_L
ClientSampleId : VL1023ABS01



Tgt Ion: 43 Resp: 163939
Ion Ratio Lower Upper
43 100
58 47.7 38.6 58.0
98 0.1 0.0 0.0

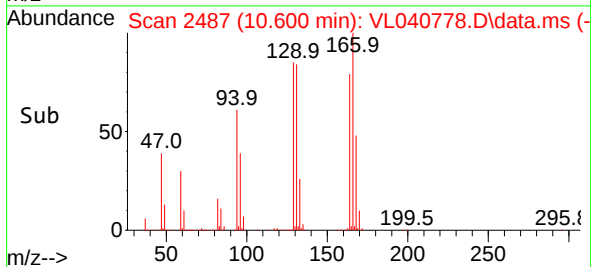
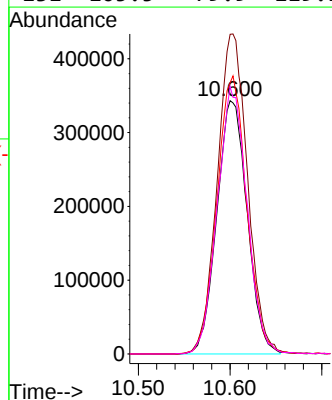
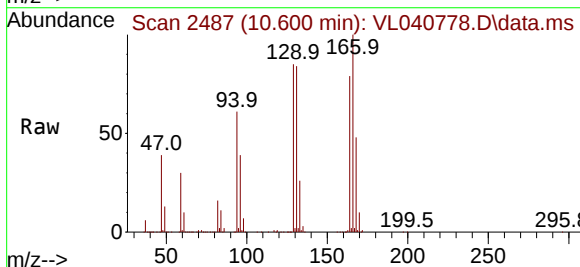
Manual Integrations
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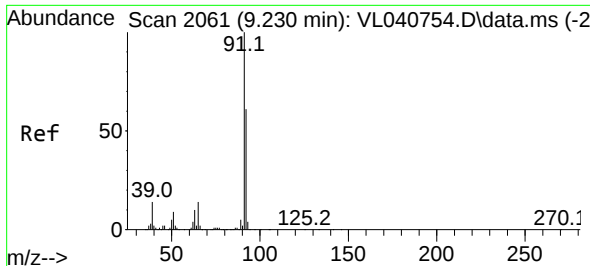
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#52
Tetrachloroethene
Concen: 9.297 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

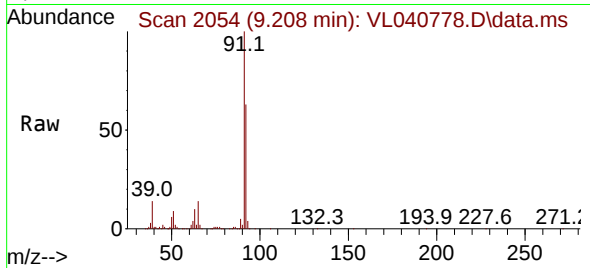
Tgt Ion:164 Resp: 786518
Ion Ratio Lower Upper
164 100
166 126.2 102.4 153.6
129 106.9 84.2 126.4
131 105.5 79.9 119.9





#53
Toluene
Concen: 9.918 ppbv
RT: 9.208 min Scan# 2061
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

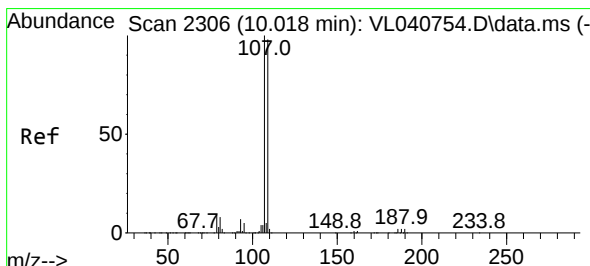
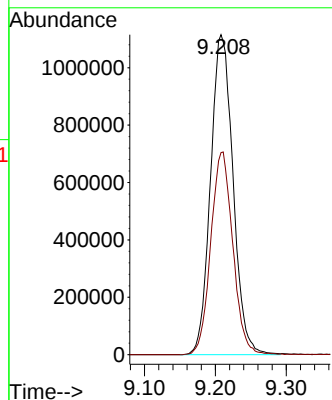
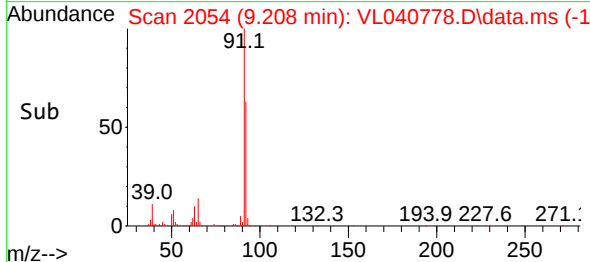
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



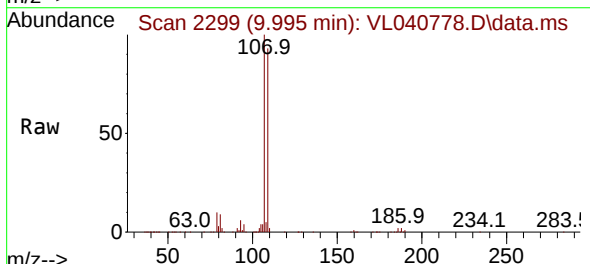
Tgt Ion: 91 Resp: 245832
Ion Ratio Lower Upper
91 100
92 62.2 50.2 75.2

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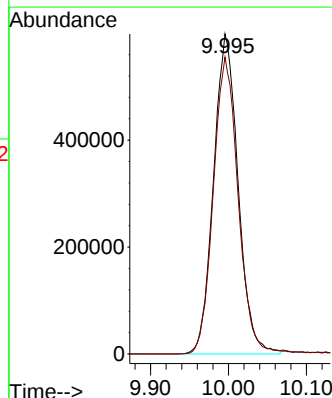
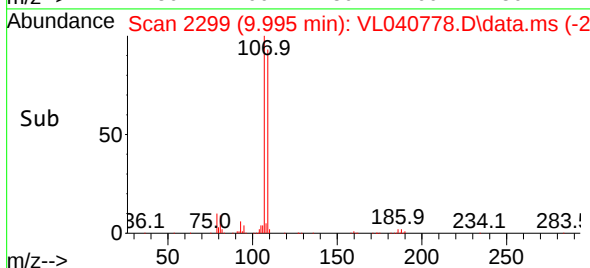
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

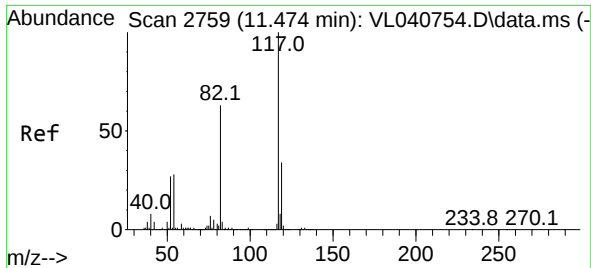


#54
1,2-Dibromoethane
Concen: 10.933 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



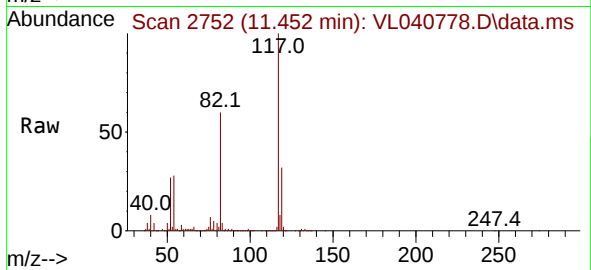
Tgt Ion:107 Resp: 1309914
Ion Ratio Lower Upper
107 100
109 92.7 78.2 117.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.452 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

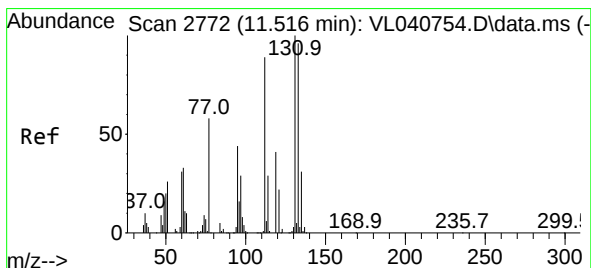
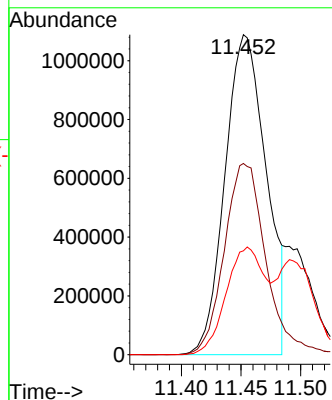
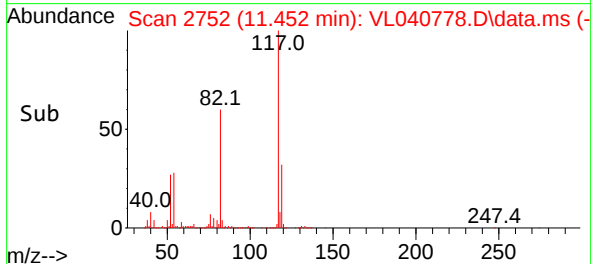
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



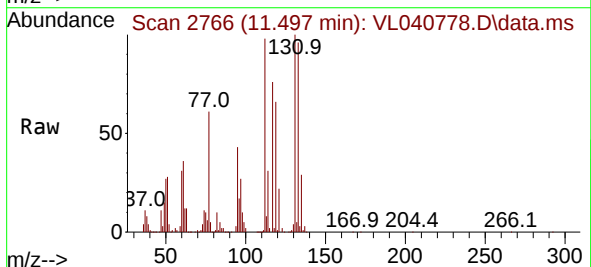
Tgt Ion:117 Resp: 262395
Ion Ratio Lower Upper
117 100
82 60.5 46.6 70.0
119 33.3 26.0 39.0

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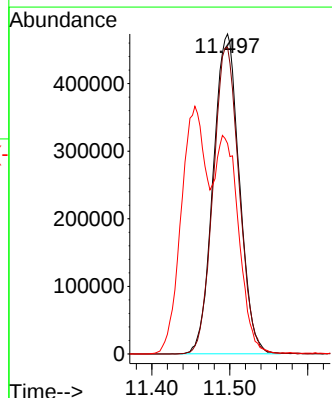
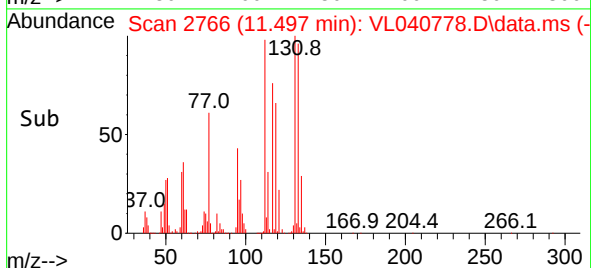
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

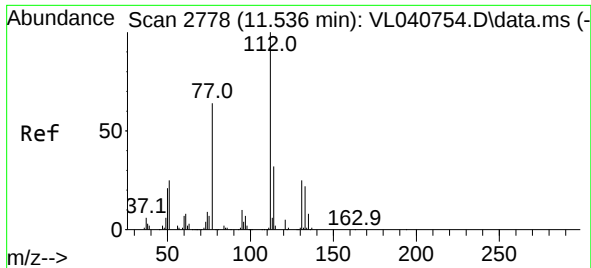


#56
1,1,1,2-Tetrachloroethane
Concen: 10.294 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



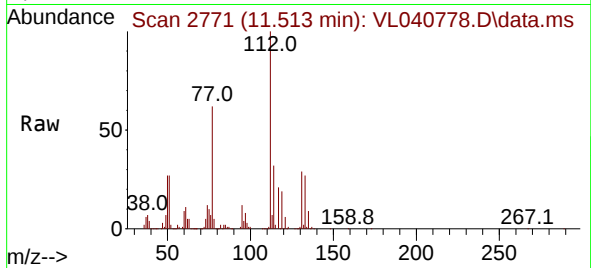
Tgt Ion:131 Resp: 1102361
Ion Ratio Lower Upper
131 100
133 95.8 75.0 112.6
119 60.4 45.4 68.0





#57
Chlorobenzene
Concen: 10.191 ppbv
RT: 11.513 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

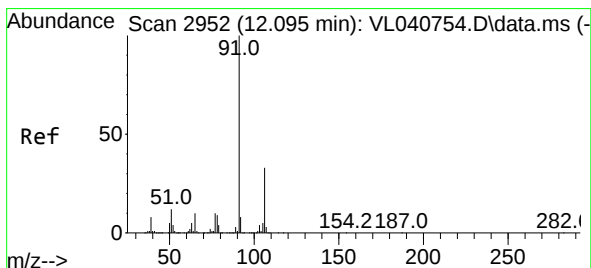
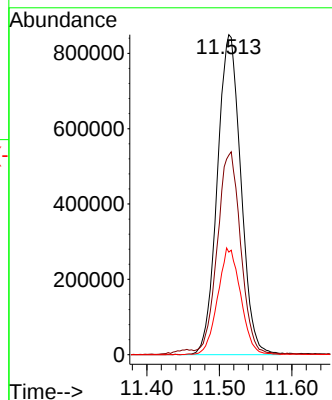
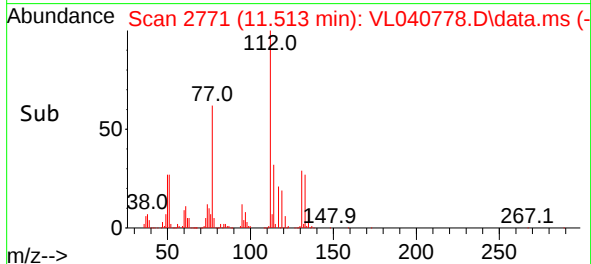
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



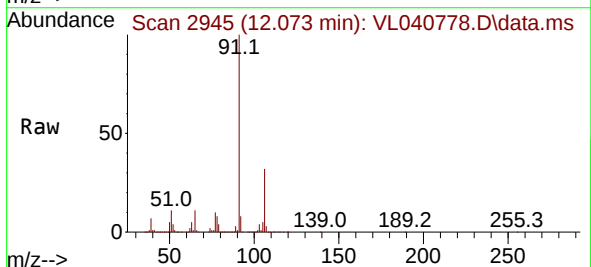
Tgt Ion:112 Resp: 1915894
Ion Ratio Lower Upper
112 100
77 62.1 51.9 77.9
114 32.0 28.6 35.0

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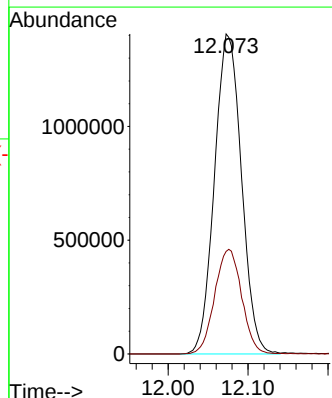
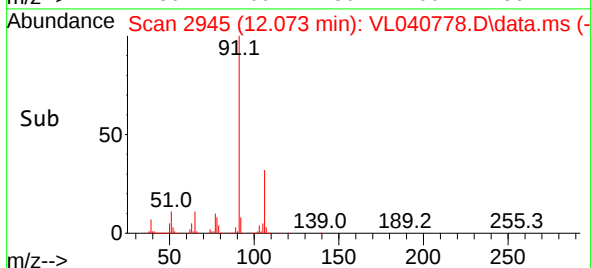
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

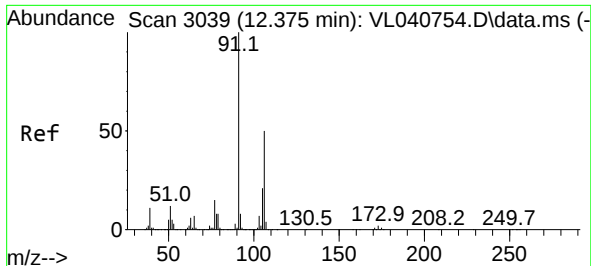


#58
Ethyl Benzene
Concen: 9.963 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



Tgt Ion: 91 Resp: 3291618
Ion Ratio Lower Upper
91 100
106 32.0 26.7 40.1





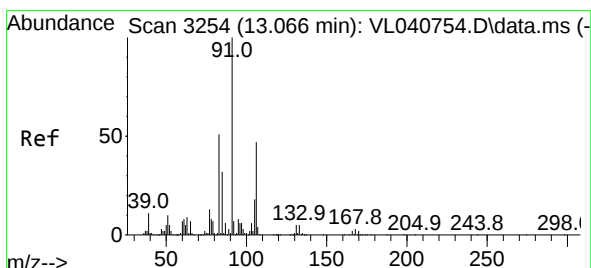
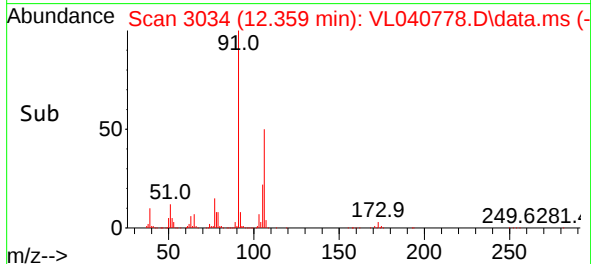
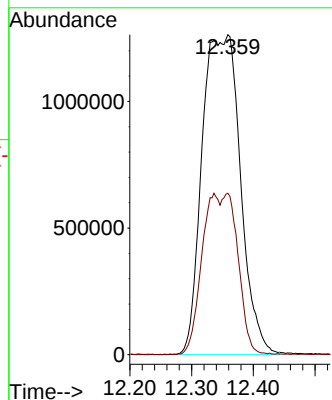
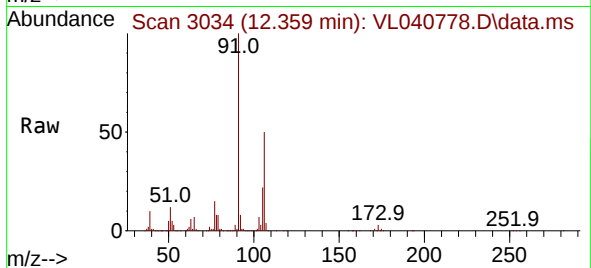
#59
m/p-Xylene
Concen: 19.973 ppbv m
RT: 12.359 min Scan# 3039
Delta R.T. -0.016 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01

Tgt Ion: 91 Resp: 543085
Ion Ratio Lower Upper
91 100
106 46.8 37.7 56.5

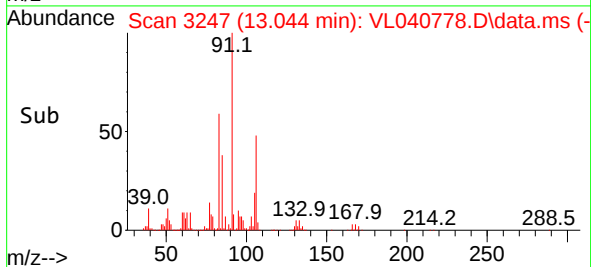
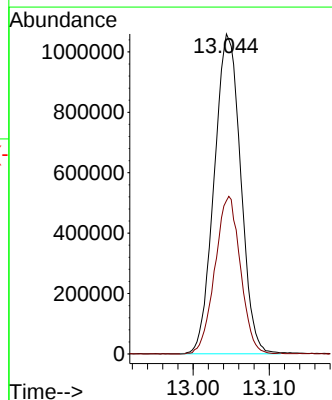
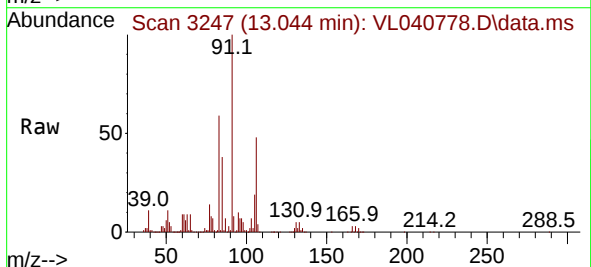
Manual Integrations
APPROVED

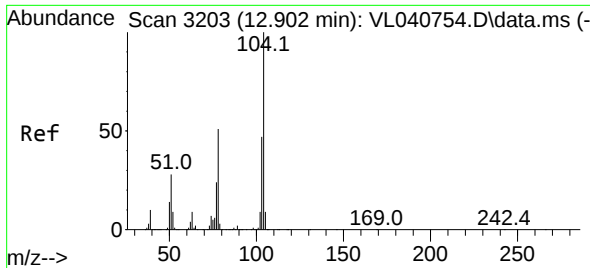
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#60
o-Xylene
Concen: 9.879 ppbv
RT: 13.044 min Scan# 3247
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

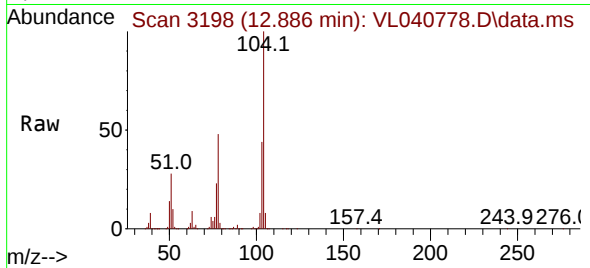
Tgt Ion: 91 Resp: 2559468
Ion Ratio Lower Upper
91 100
106 47.5 23.5 70.5





#61
Styrene
Concen: 10.386 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. -0.016 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

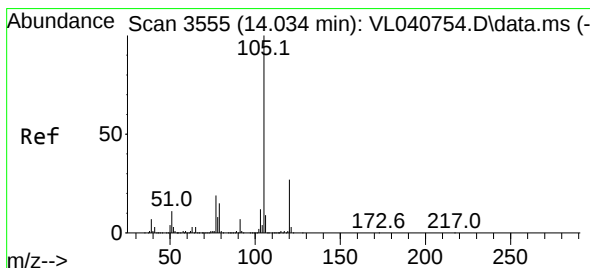
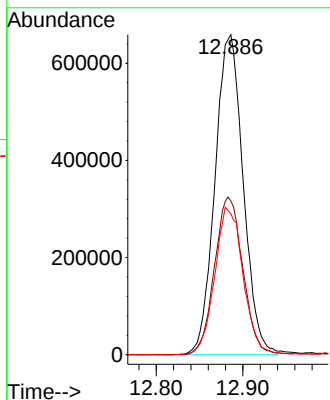
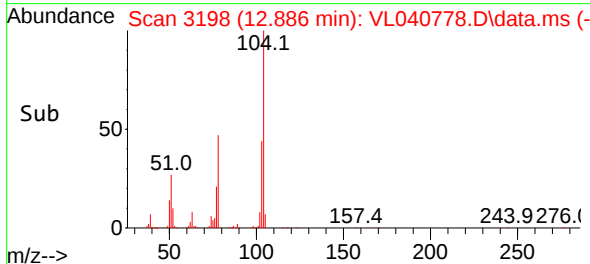
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



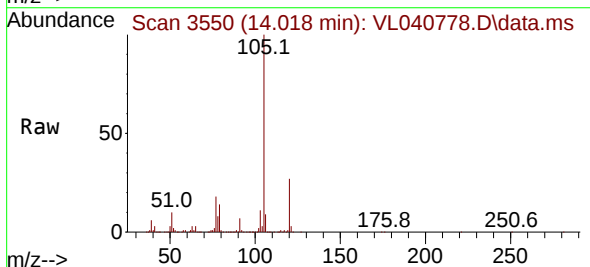
Tgt Ion:104 Resp: 1490848
Ion Ratio Lower Upper
104 100
78 49.6 39.8 59.6
103 46.3 37.5 56.3

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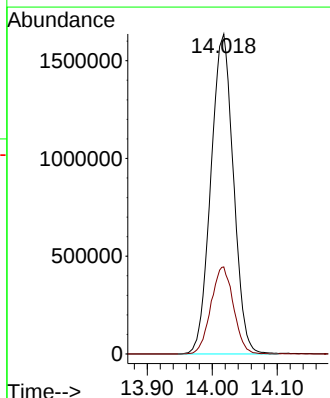
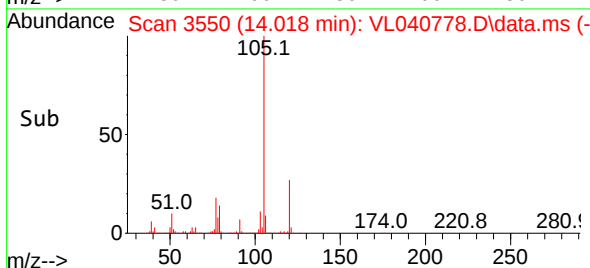
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

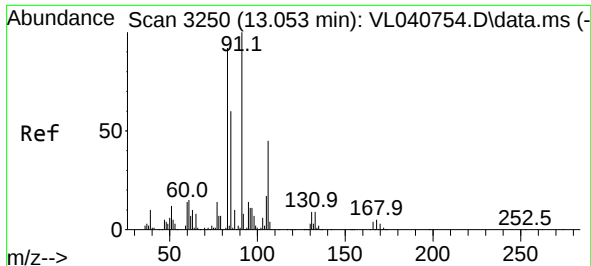


#62
Isopropylbenzene
Concen: 9.880 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. -0.016 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



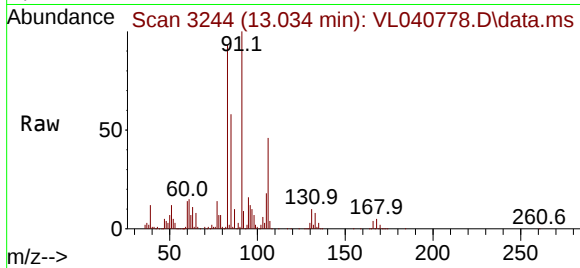
Tgt Ion:105 Resp: 3937790
Ion Ratio Lower Upper
105 100
120 27.1 21.5 32.3





#63
1,1,2,2-Tetrachloroethane
Concen: 9.353 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

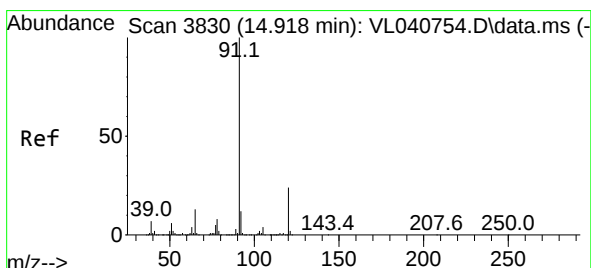
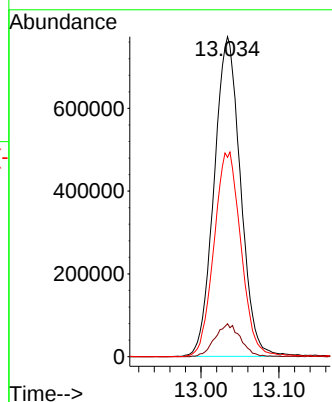
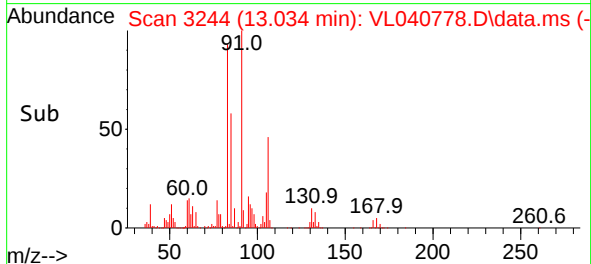
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



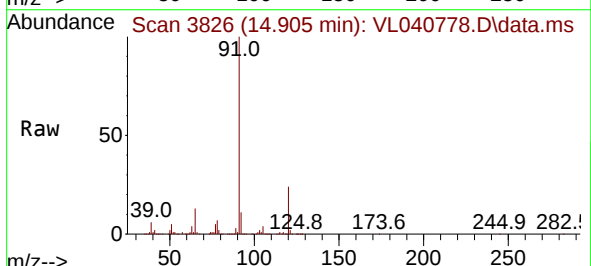
Tgt Ion: 83 Resp: 181666
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.6
85 66.3 32.9 98.7

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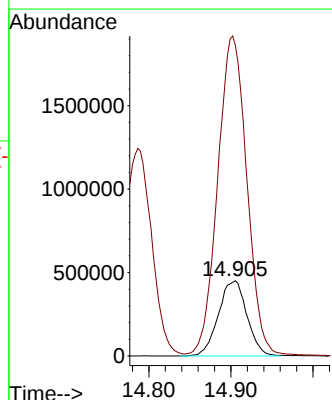
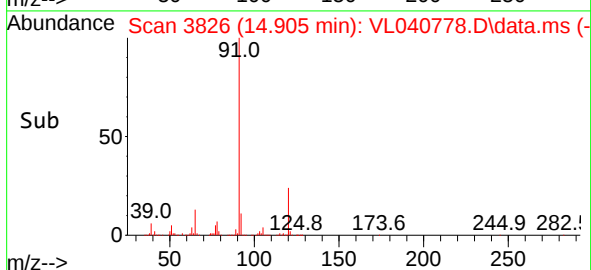
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

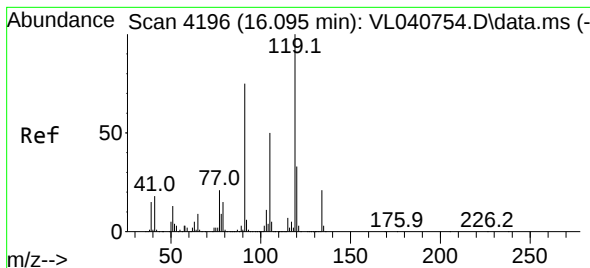


#64
n-propylbenzene
Concen: 10.171 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. -0.013 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



Tgt Ion:120 Resp: 1088979
Ion Ratio Lower Upper
120 100
91 435.8 345.9 518.9





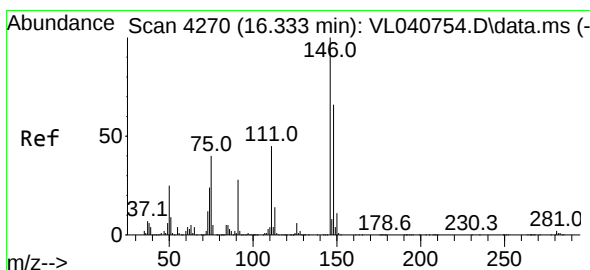
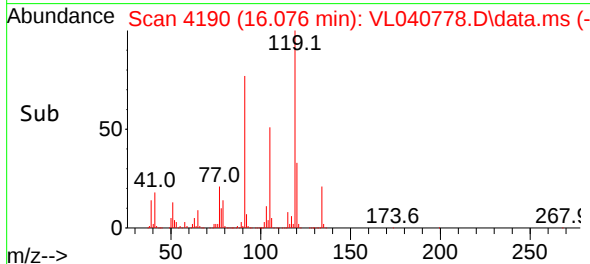
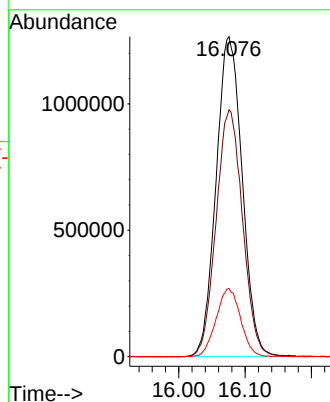
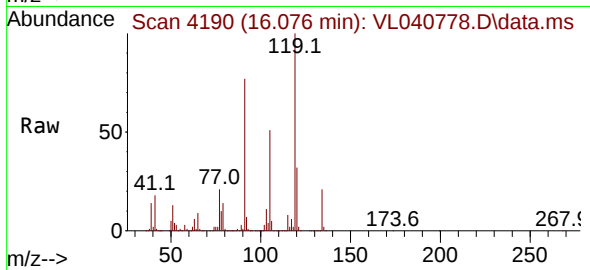
#65
tert-Butylbenzene
Concen: 9.634 ppbv
RT: 16.076 min Scan# 4196
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01

Tgt Ion:119 Resp: 3463324
Ion Ratio Lower Upper
119 100
91 78.3 62.2 93.2
134 20.0 16.1 24.1

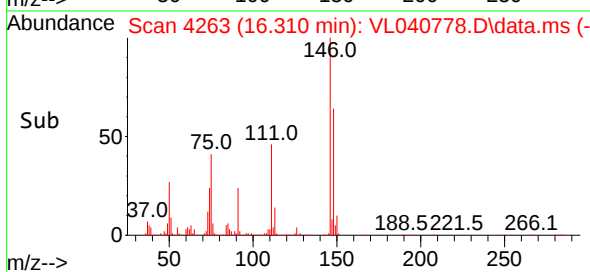
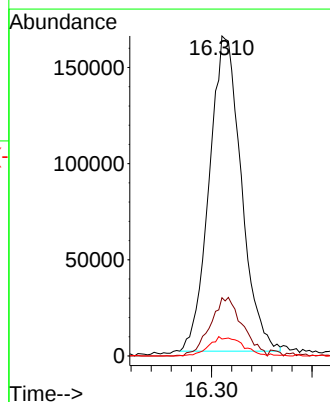
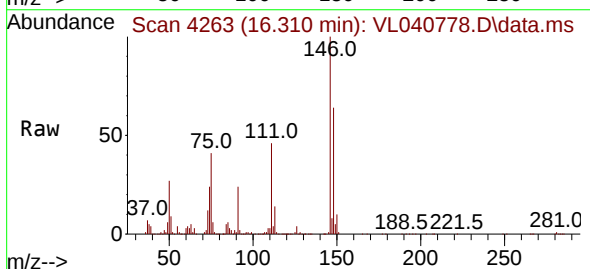
Manual Integrations
APPROVED

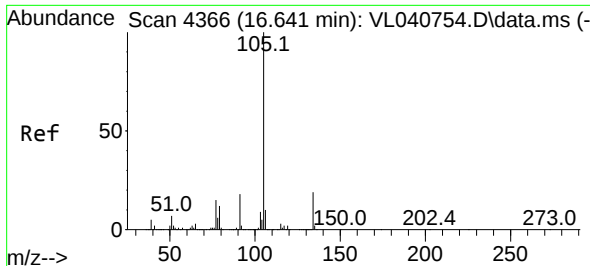
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#66
Benzyl Chloride
Concen: 10.008 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

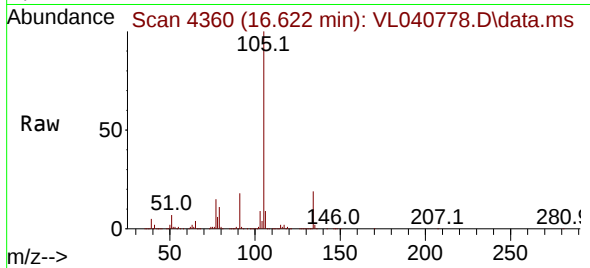
Tgt Ion: 91 Resp: 362458
Ion Ratio Lower Upper
91 100
126 19.7 16.1 24.1
128 6.5 5.2 7.8





#67
 sec-Butylbenzene
 Concen: 9.901 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

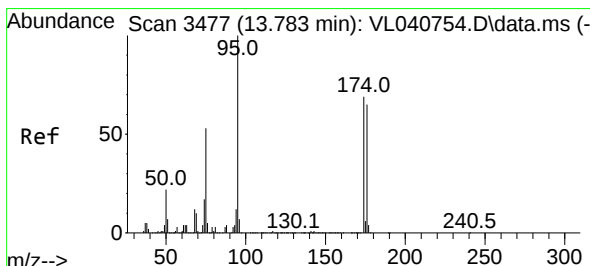
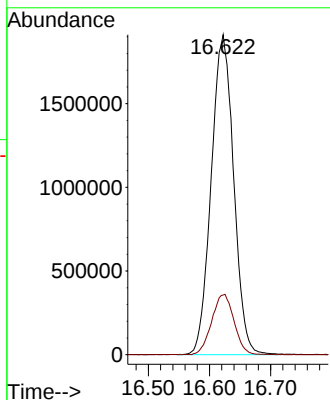
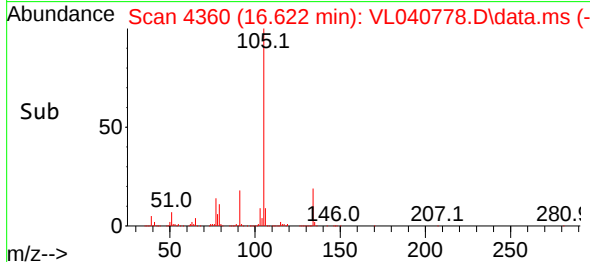
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1023ABS01



Tgt Ion:105 Resp: 4873250
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.4 23.2

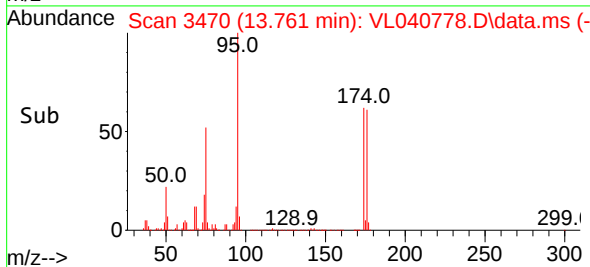
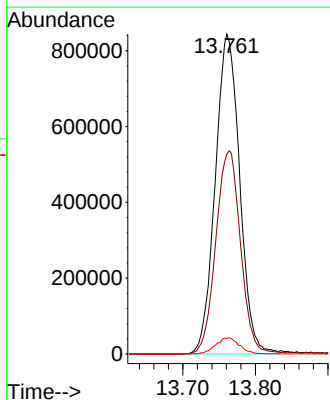
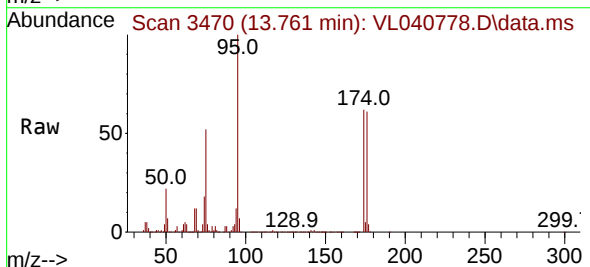
Manual Integrations
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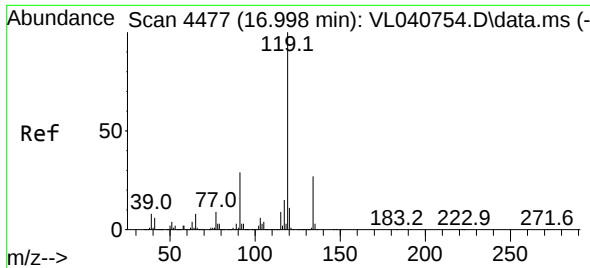
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.218 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

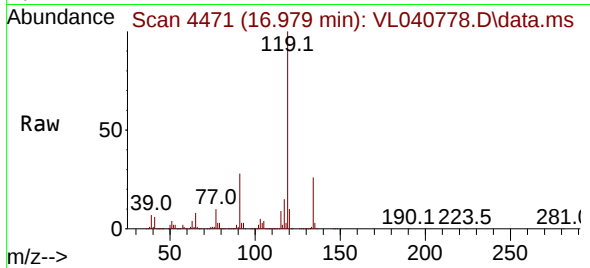
Tgt Ion: 95 Resp: 1972772
 Ion Ratio Lower Upper
 95 100
 174 64.7 54.7 82.1
 175 5.0 4.2 6.4





#69
p-Isopropyltoluene
Concen: 9.909 ppbv
RT: 16.979 min Scan# 4477
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

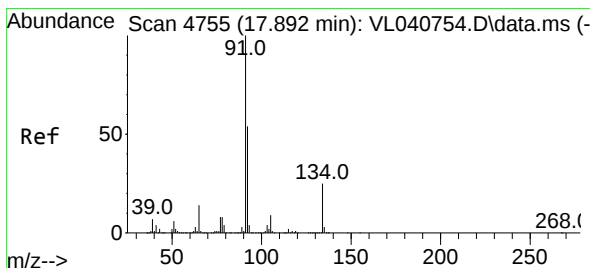
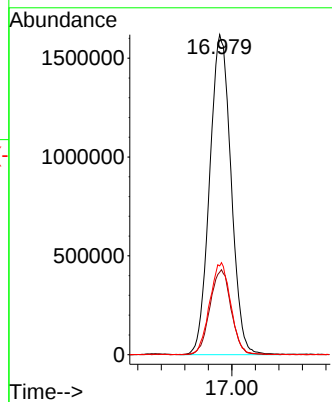
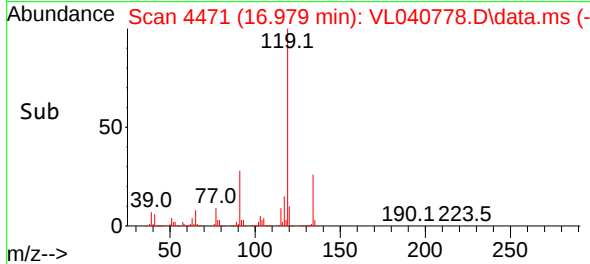
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



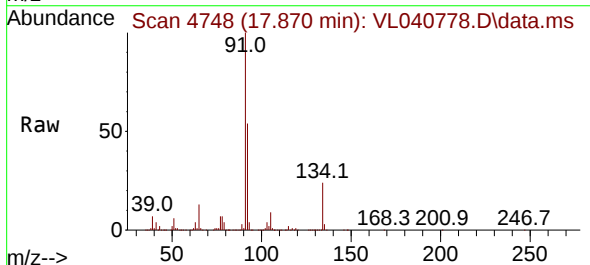
Tgt Ion:119 Resp: 4086958
Ion Ratio Lower Upper
119 100
134 26.3 21.0 31.4
91 28.4 22.8 34.2

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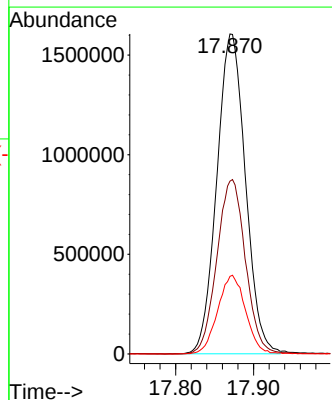
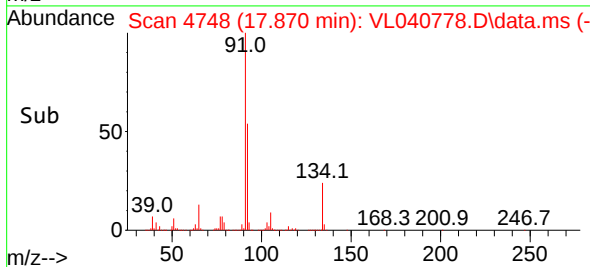
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

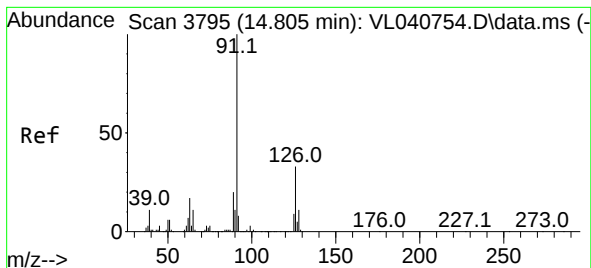


#70
n-Butylbenzene
Concen: 10.124 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



Tgt Ion: 91 Resp: 4100178
Ion Ratio Lower Upper
91 100
92 54.6 44.1 66.1
134 24.1 19.5 29.3





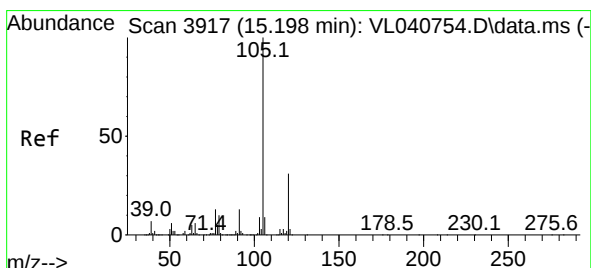
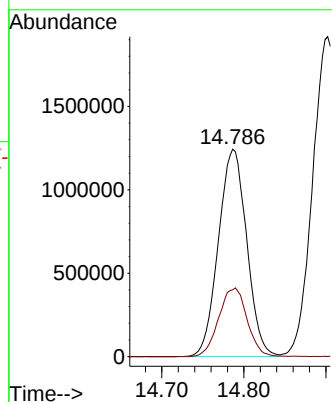
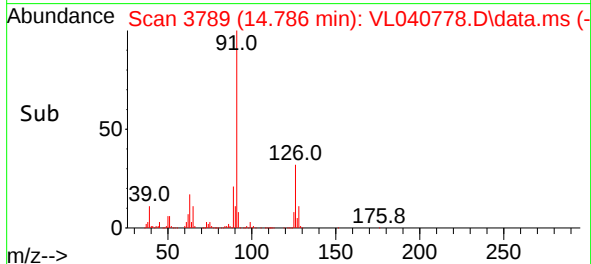
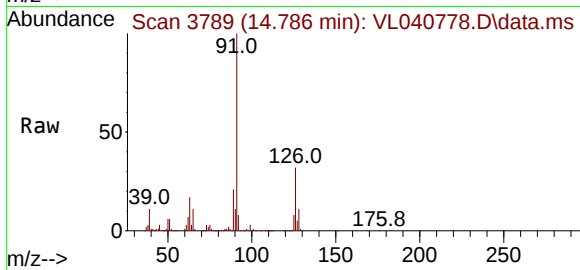
#71
2-Chlorotoluene
Concen: 9.966 ppbv
RT: 14.786 min Scan# 3111
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01

Tgt Ion: 91 Resp: 2983800
Ion Ratio Lower Upper
91 100
126 33.4 13.3 53.1

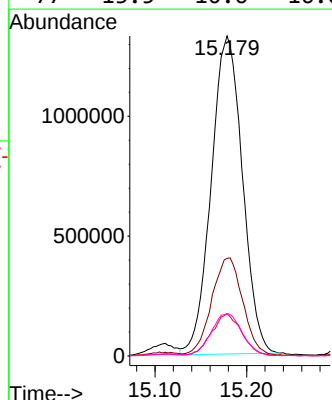
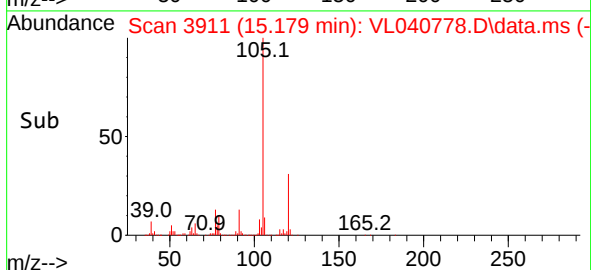
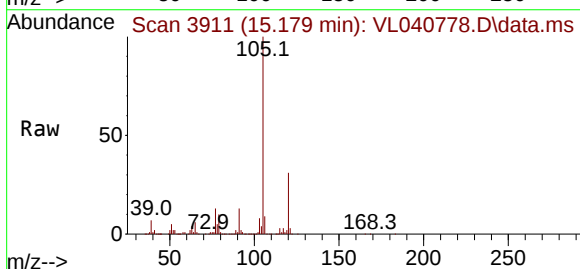
Manual Integrations
APPROVED

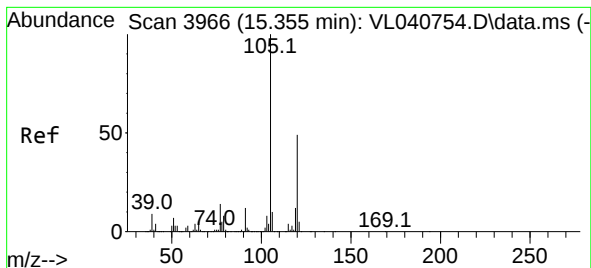
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#72
4-Ethyltoluene
Concen: 10.342 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion:105 Resp: 3137655
Ion Ratio Lower Upper
105 100
120 31.1 25.0 37.4
91 13.3 9.8 14.8
77 13.5 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 10.171 ppbv

RT: 15.339 min Scan# 3961

Delta R.T. -0.016 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

VL1023ABS01

Tgt Ion:105 Resp: 2716928

Ion Ratio Lower Upper

105 100

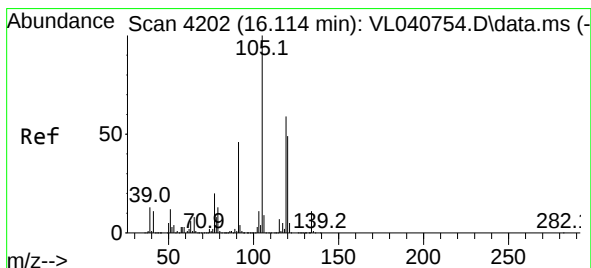
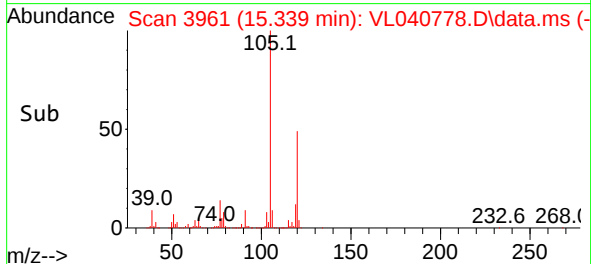
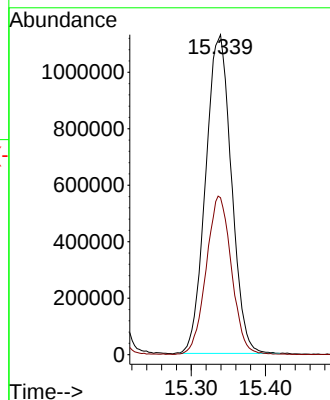
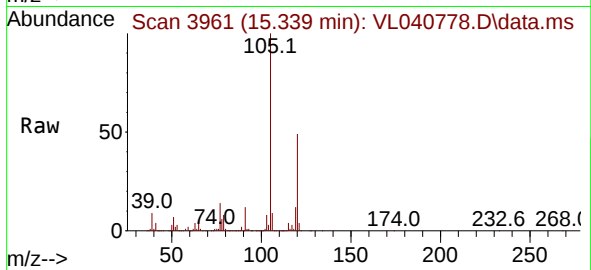
120 49.0 39.4 59.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.009 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. -0.019 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Tgt Ion:105 Resp: 2921090

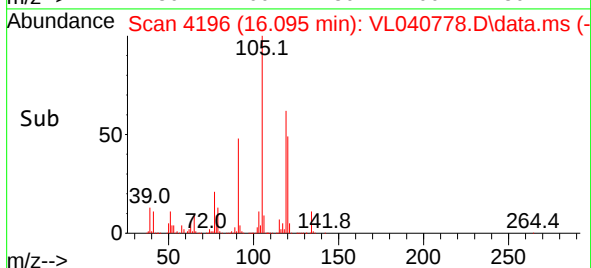
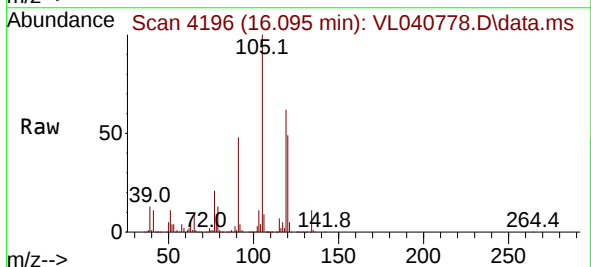
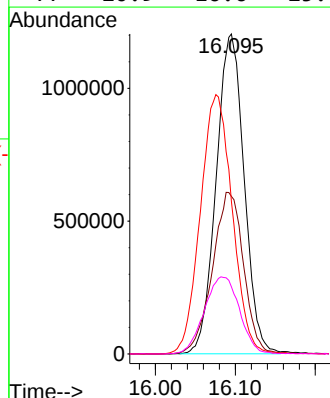
Ion Ratio Lower Upper

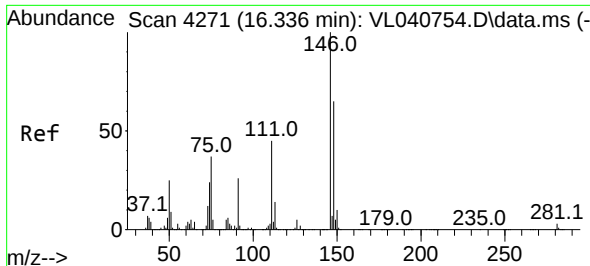
105 100

120 49.0 39.4 59.2

91 47.3 38.6 58.0

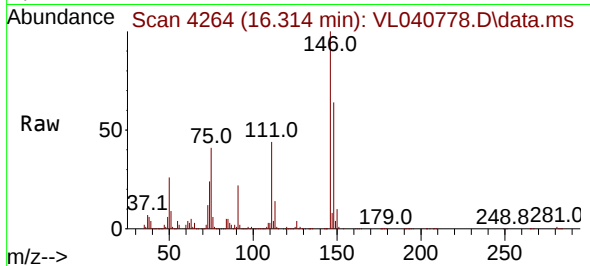
77 20.9 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 10.019 ppbv
RT: 16.314 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

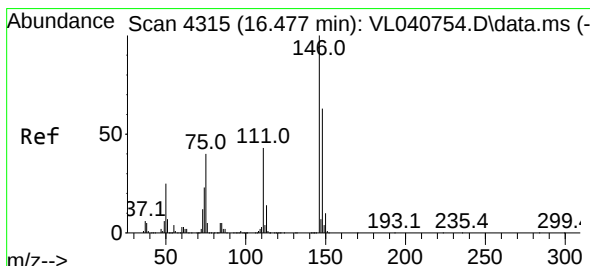
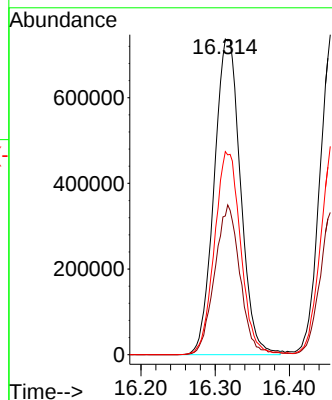
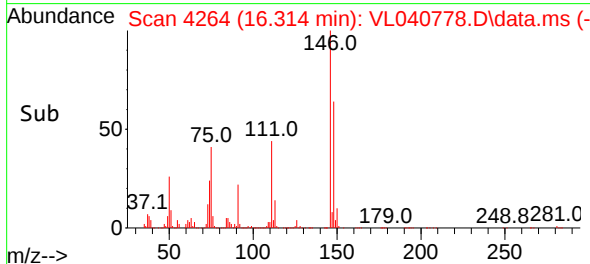
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



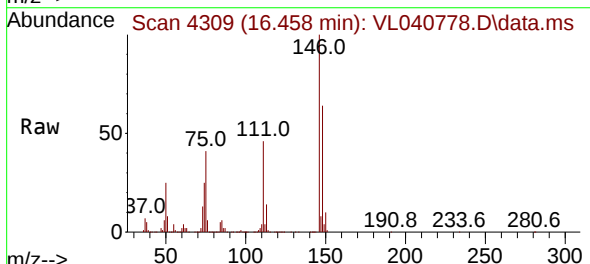
Tgt Ion:146 Resp: 181849
Ion Ratio Lower Upper
146 100
111 45.7 22.6 67.7
148 64.0 32.4 97.0

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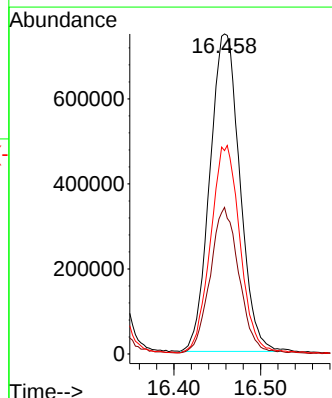
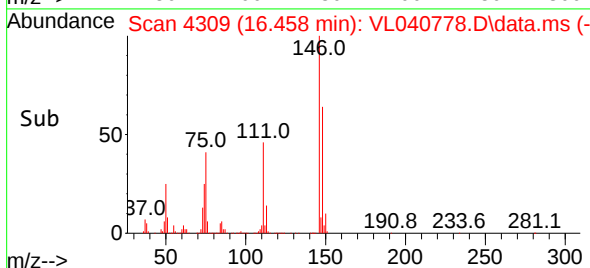
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

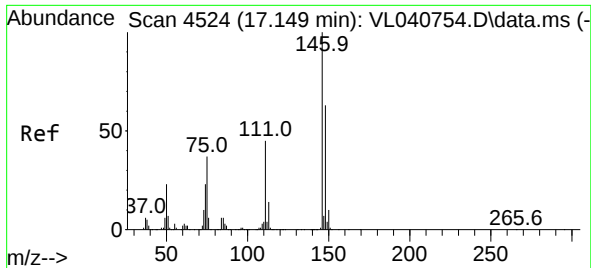


#76
1,4-Dichlorobenzene
Concen: 9.971 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



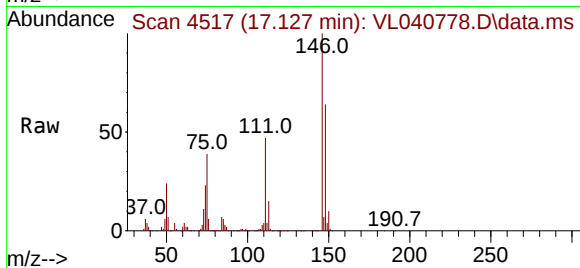
Tgt Ion:146 Resp: 1792396
Ion Ratio Lower Upper
146 100
111 45.0 22.0 66.0
148 65.8 33.4 100.1





#77
1,2-Dichlorobenzene
Concen: 9.832 ppbv
RT: 17.127 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

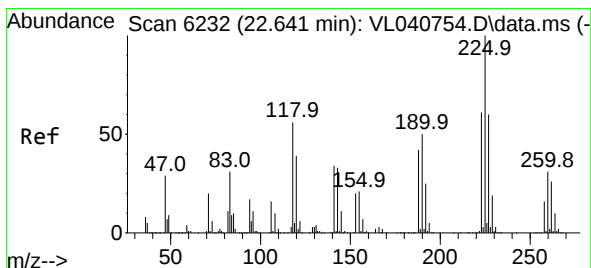
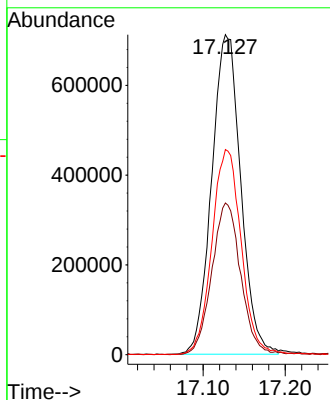
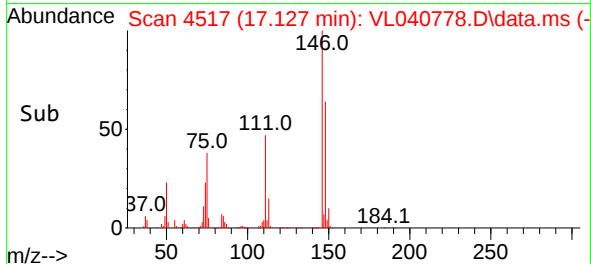
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



Tgt Ion:146 Resp: 175106
Ion Ratio Lower Upper
146 100
111 47.6 22.9 68.8
148 64.9 32.3 96.8

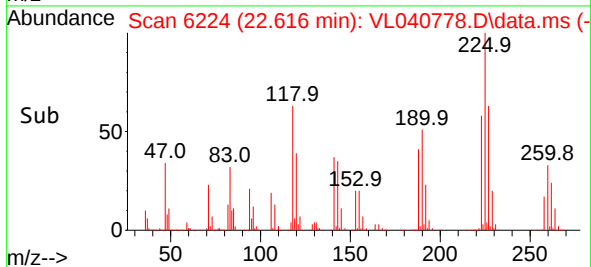
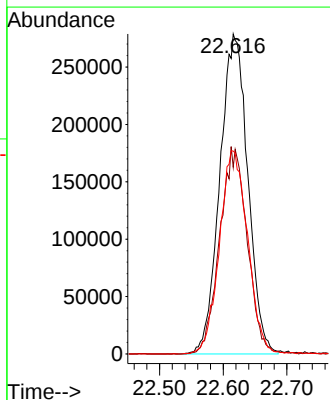
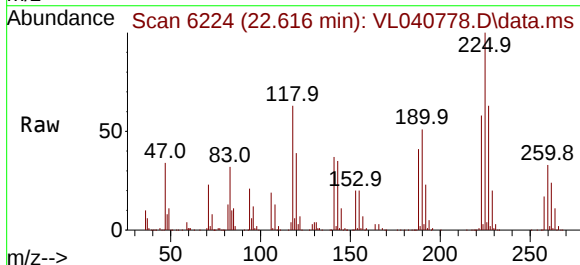
Manual Integrations
APPROVED

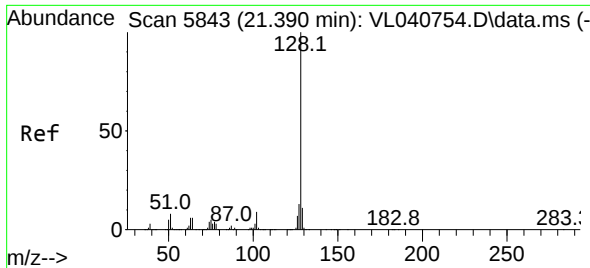
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#78
Hexachloro-1,3-Butadiene
Concen: 6.684 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. -0.026 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

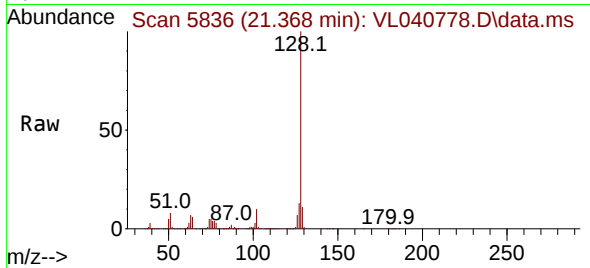
Tgt Ion:225 Resp: 851775
Ion Ratio Lower Upper
225 100
223 63.8 50.7 76.1
227 64.2 51.4 77.0





#79
Naphthalene
Concen: 11.667 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

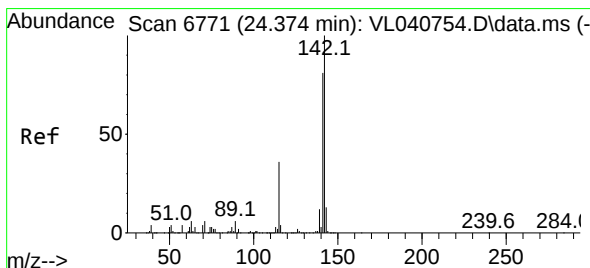
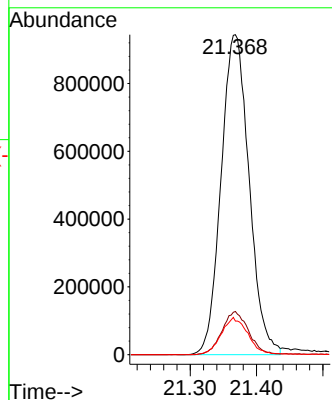
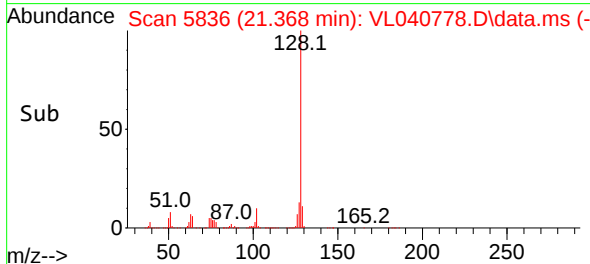
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



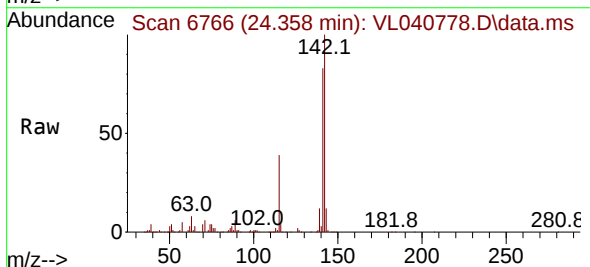
Tgt Ion:128 Resp: 2767952
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 10.5 9.0 13.4

Manual Integrations
APPROVED

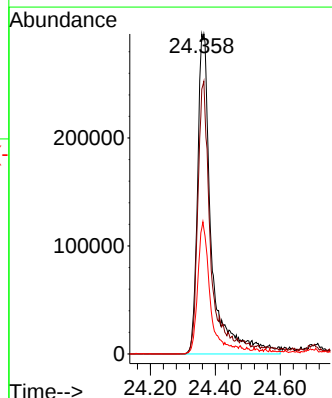
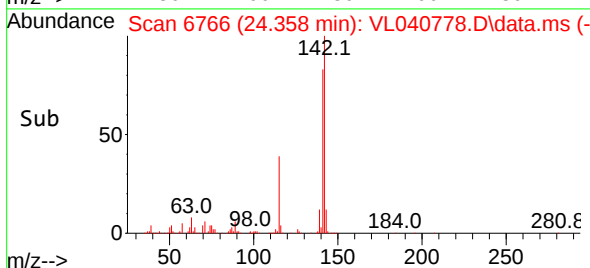
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

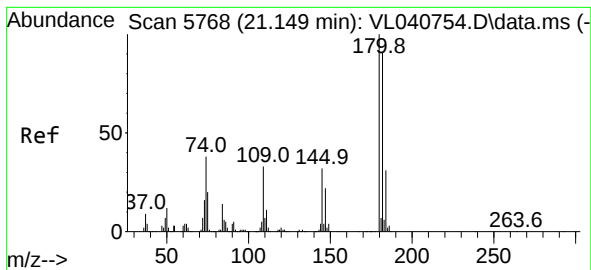


#80
Naphthalene,2-methyl-
Concen: 13.325 ppbv
RT: 24.358 min Scan# 6766
Delta R.T. -0.016 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



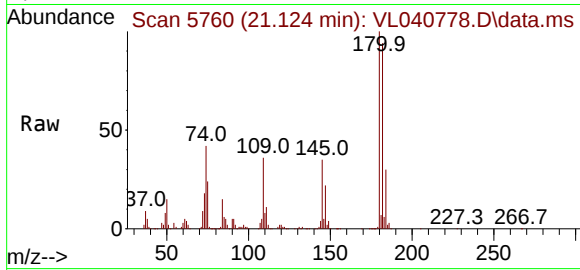
Tgt Ion:142 Resp: 887064
Ion Ratio Lower Upper
142 100
141 82.5 66.3 99.5
115 38.7 30.0 45.0





#81
1,2,4-Trichlorobenzene
Concen: 10.616 ppbv
RT: 21.124 min Scan# 51
Delta R.T. -0.026 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Instrument :
MSVOA_L
ClientSampleId :
VL1023ABS01



Tgt Ion:180 Resp: 1367354
Ion Ratio Lower Upper
180 100
182 97.3 77.9 116.9
184 31.4 25.0 37.6

Manual Integrations
APPROVED

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

