

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040863.D
 Acq On : 15 Nov 2023 7:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 15 08:26:06 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

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

QLast Update : Mon Nov 13 15:42:46 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	894798	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.642	114	2759400	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2738929m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.741 95 2057302 9.594 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.900%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.758	85	1992293m	10.983	ppbv	
3) Chlorodifluoromethane	2.703	51	1597384	11.181	ppbv	99
4) Chloromethane	2.838	50	591636	11.516	ppbv	100
5) Vinyl Chloride	2.944	62	614638	12.029	ppbv	99
6) Bromomethane	3.140	94	219611	11.260	ppbv	97
7) Chloroethane	3.217	64	209411	11.836	ppbv	93
8) Dichlorotetrafluoroethane	2.883	85	1476329	11.272	ppbv	99
9) Propene	2.722	41	558168	11.593	ppbv	100
10) Heptane	7.561	43	1363234	11.510	ppbv	99
11) Trichlorofluoromethane	3.574	101	1587718	11.391	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.073	101	1152314	11.638	ppbv	99
13) Ethanol	3.256	45	102895	11.006	ppbv #	100
14) Bromoethene	3.381	108	478277	12.009	ppbv	98
15) Acetone	3.481	43	1093446	11.474	ppbv	99
16) 1,3-Butadiene	3.008	39	601979	12.486	ppbv	100
17) tert-Butyl alcohol	3.886	59	1087810	13.348	ppbv	99
18) 1,1-Dichloroethene	3.889	96	492827	11.167	ppbv	99
19) Isopropyl Alcohol	3.590	45	767605	13.384	ppbv #	99
20) Methylene Chloride	3.941	84	417821	10.624	ppbv	98
21) Allyl Chloride	4.005	41	746375	12.238	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	543184	10.845	ppbv	93
23) Vinyl Acetate	4.626	43	1352000	10.987	ppbv	99
24) 1,1-Dichloroethane	4.565	63	1089232	9.931	ppbv	98
25) Ethyl Acetate	5.198	43	1930543	9.784	ppbv	99
26) Hexane	5.208	57	833920	9.549	ppbv	98
27) Carbon Disulfide	4.131	76	1281765	11.574	ppbv	98
28) Methyl tert-Butyl Ether	4.587	73	809131	10.245	ppbv	99
29) Chloroform	5.269	83	1375116	9.290	ppbv	98
30) Cyclohexane	6.587	84	869411	11.572	ppbv	99
31) cis-1,2-Dichloroethene	5.076	61	840890	9.730	ppbv	97
32) 1,1,1-Trichloroethane	5.992	97	1633301	11.827	ppbv	100
34) 2-Butanone	4.783	43	1234521	8.782	ppbv	99
35) Carbon Tetrachloride	6.481	117	1735741	10.252	ppbv	97
36) Benzene	6.359	78	2139914	9.555	ppbv	99
37) 1,2-Dichloroethane	5.799	62	1257993	9.524	ppbv	99
38) Trichloroethene	7.272	130	840130	9.651	ppbv	98
39) 1,2-Dichloropropane	7.057	63	842868	9.492	ppbv	97
40) 1,4-Dioxane	7.266	88	345187	9.797	ppbv #	95
41) Tetrahydrofuran	5.552	42	864506	9.989	ppbv	99
42) Bromodichloromethane	7.230	83	1841048	9.740	ppbv	96
43) Methyl Methacrylate	7.455	69	891186	10.443	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	3550849	9.545	ppbv	100
45) t-1,3-Dichloropropene	8.687	75	577076	11.507	ppbv	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

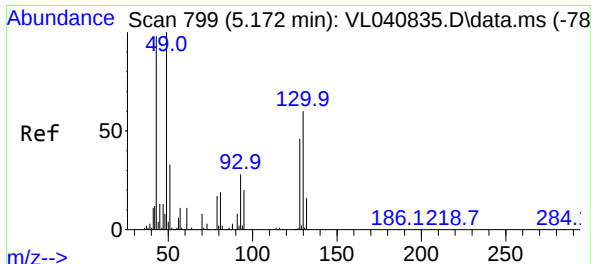
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Mon Nov 13 15:42:46 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	712641	10.959	ppbv	96
47) 1,1,2-Trichloroethane	8.876	97	902457	9.699	ppbv	96
48) Dibromochloromethane	9.680	129	1607861	10.414	ppbv	100
49) Bromoform	12.375	173	1245839	10.729	ppbv	99
50) 4-Methyl-2-Pentanone	8.159	43	2243550	10.313	ppbv	99
51) 2-Hexanone	9.523	43	1664216	10.852	ppbv #	100
52) Tetrachloroethene	10.587	164	751066	9.959	ppbv	97
53) Toluene	9.195	91	2465520	10.005	ppbv	100
54) 1,2-Dibromoethane	9.979	107	1226503	10.243	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.478	131	1131497	9.653	ppbv	97
57) Chlorobenzene	11.497	112	1900470	9.361	ppbv	98
58) Ethyl Benzene	12.060	91	3344677	9.359	ppbv	99
59) m/p-Xylene	12.339	91	5574777m	18.319	ppbv	
60) o-Xylene	13.024	91	2630415	9.080	ppbv	100
61) Styrene	12.867	104	1403045	10.043	ppbv	99
62) Isopropylbenzene	13.995	105	3915474	9.148	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.015	83	1886031	9.185	ppbv	100
64) n-propylbenzene	14.883	120	1037508	9.672	ppbv	96
65) tert-Butylbenzene	16.056	119	3405461	9.436	ppbv	98
66) Benzyl Chloride	16.291	91	131492	9.888	ppbv #	98
67) sec-Butylbenzene	16.603	105	4772714	9.258	ppbv	100
69) p-Isopropyltoluene	16.963	119	3894567	9.474	ppbv	99
70) n-Butylbenzene	17.850	91	4054278	9.340	ppbv	99
71) 2-Chlorotoluene	14.767	91	3023479	9.267	ppbv	98
72) 4-Ethyltoluene	15.159	105	3089337	9.701	ppbv	99
73) 1,3,5-Trimethylbenzene	15.317	105	2648137	9.402	ppbv	98
74) 1,2,4-Trimethylbenzene	16.072	105	2874197	9.144	ppbv	97
75) 1,3-Dichlorobenzene	16.294	146	1653856	9.529	ppbv	99
76) 1,4-Dichlorobenzene	16.439	146	1607496	9.675	ppbv	99
77) 1,2-Dichlorobenzene	17.108	146	1583836	9.386	ppbv	99
78) Hexachloro-1,3-Butadiene	22.590	225	897635	8.496	ppbv	100
79) Naphthalene	21.349	128	2058501	12.742	ppbv	98
80) Naphthalene,2-methyl-	24.348	142	441256	15.473	ppbv	96
81) 1,2,4-Trichlorobenzene	21.104	180	1023887	10.425	ppbv	98

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



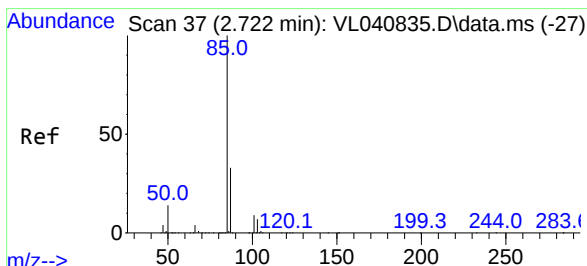
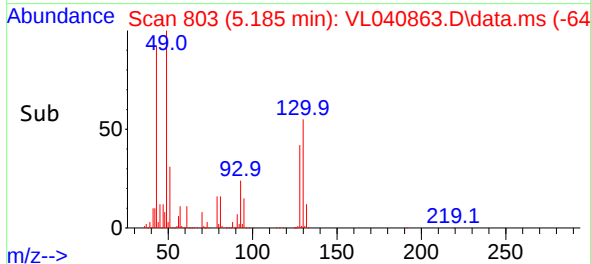
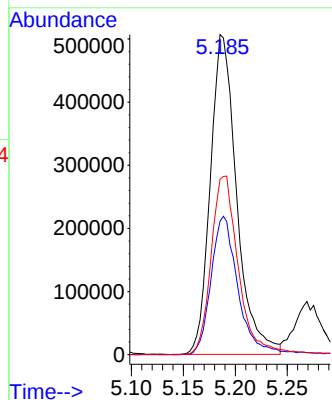
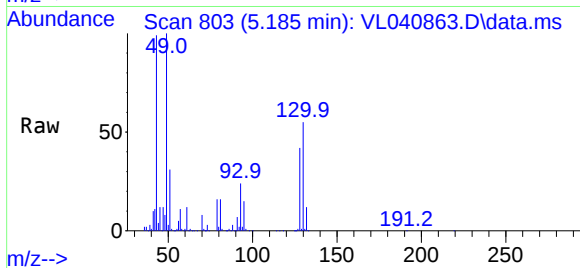
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 894798
Ion Ratio Lower Upper
49 100
128 45.3 23.8 71.2
130 59.2 30.9 92.8

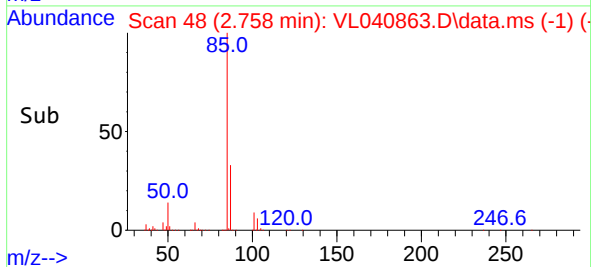
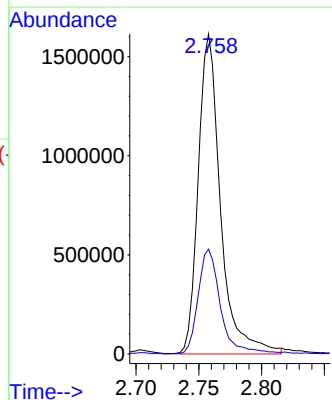
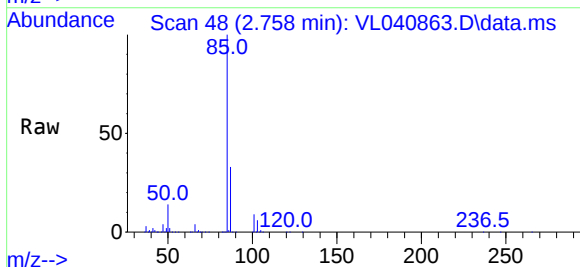
Manual Integrations
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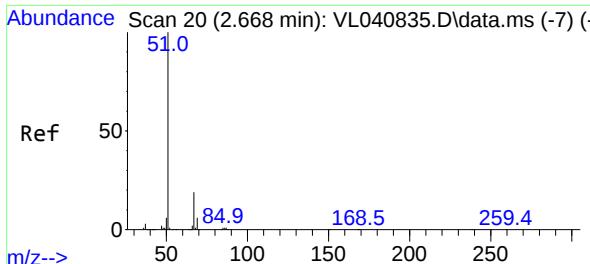
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#2
Dichlorodifluoromethane
Concen: 10.983 ppbv m
RT: 2.758 min Scan# 48
Delta R.T. 0.035 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Tgt Ion: 85 Resp: 1992293
Ion Ratio Lower Upper
85 100
87 32.8 26.7 40.1





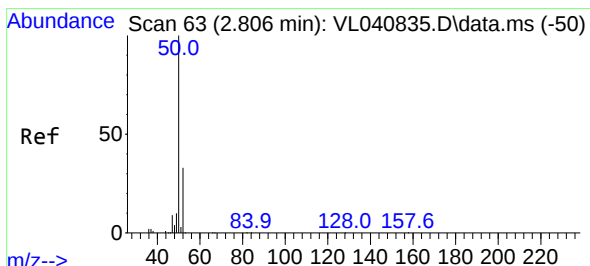
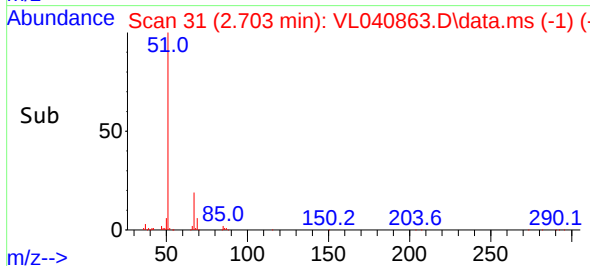
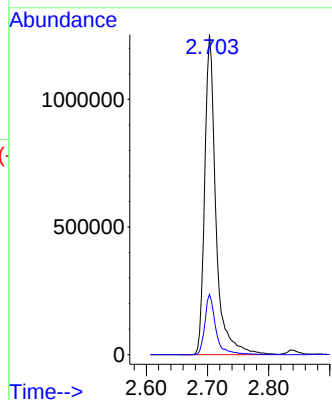
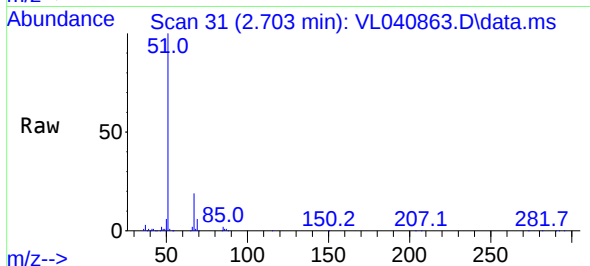
#3
Chlorodifluoromethane
Concen: 11.181 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1597384
Ion Ratio Lower Upper
51 100
67 18.5 15.0 22.4

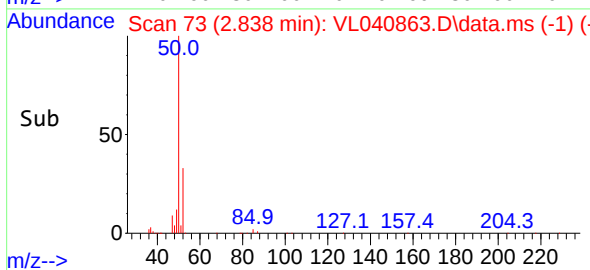
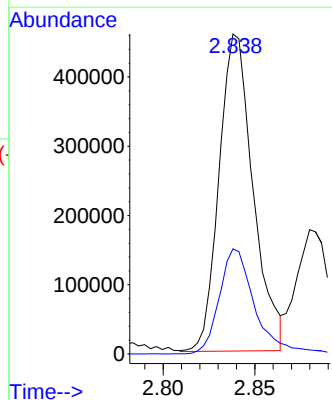
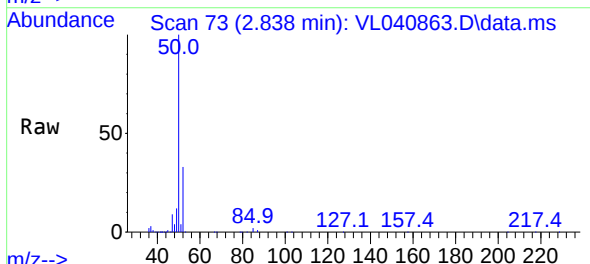
Manual Integrations
APPROVED

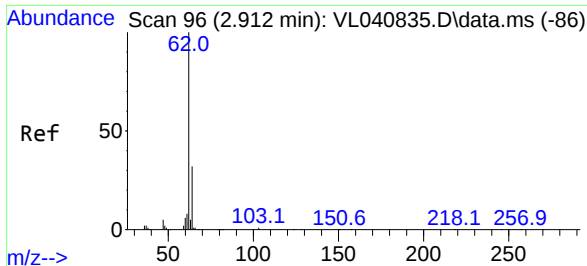
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#4
Chloromethane
Concen: 11.516 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.032 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Tgt Ion: 50 Resp: 591636
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7





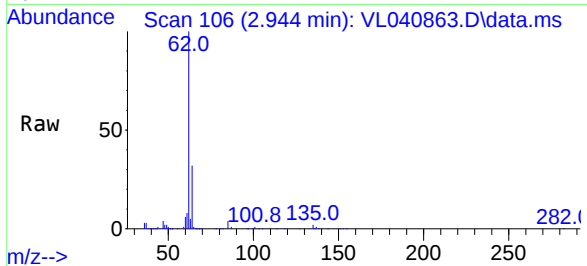
#5
 Vinyl Chloride
 Concen: 12.029 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.032 min
 Lab File: VL040863.D
 Acq: 15 Nov 2023 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

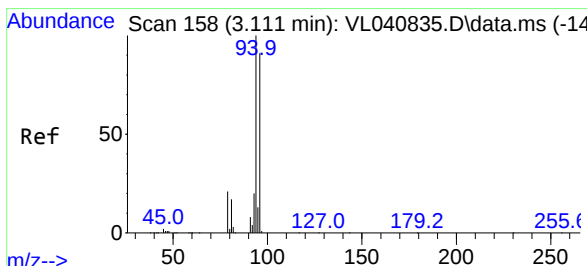
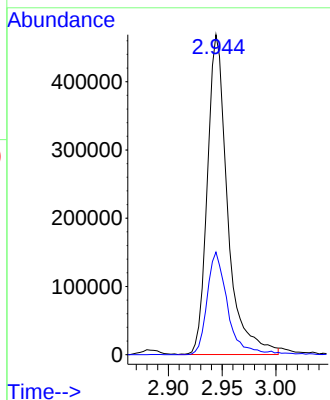
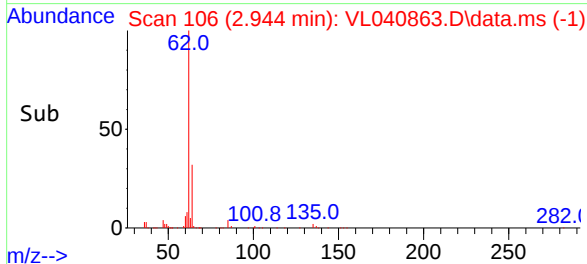


Tgt Ion: 62 Resp: 614638
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.4 38.2

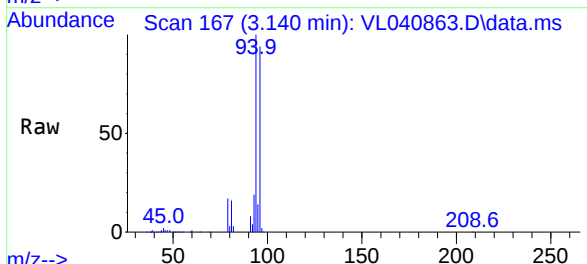
Manual Integrations

APPROVED

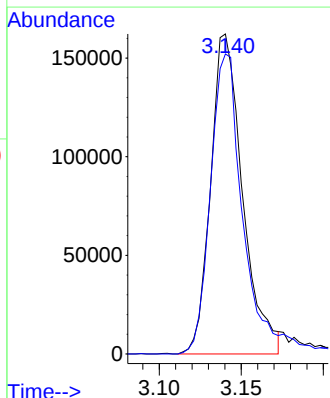
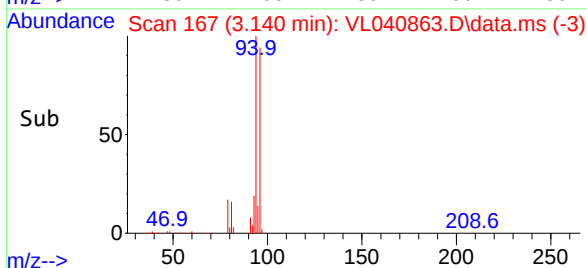
Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

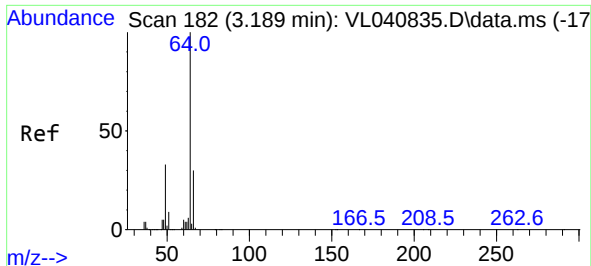


#6
 Bromomethane
 Concen: 11.260 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. 0.029 min
 Lab File: VL040863.D
 Acq: 15 Nov 2023 7:29



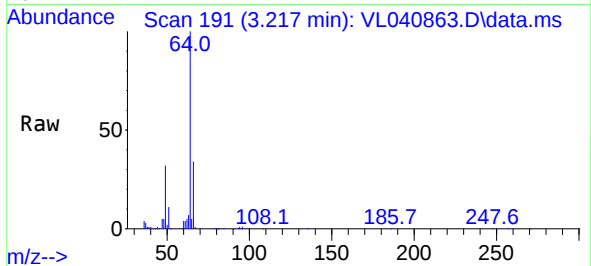
Tgt Ion: 94 Resp: 219611
 Ion Ratio Lower Upper
 94 100
 96 93.7 73.0 109.4





#7
Chloroethane
Concen: 11.836 ppbv
RT: 3.217 min Scan# 191
Delta R.T. 0.029 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

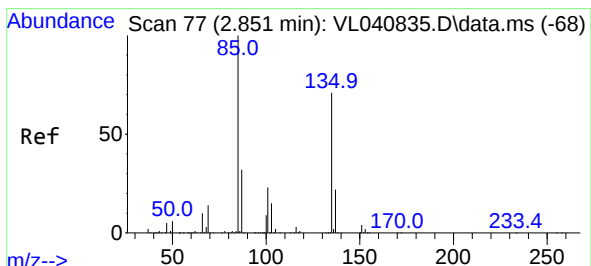
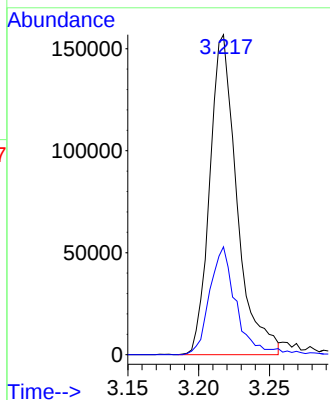
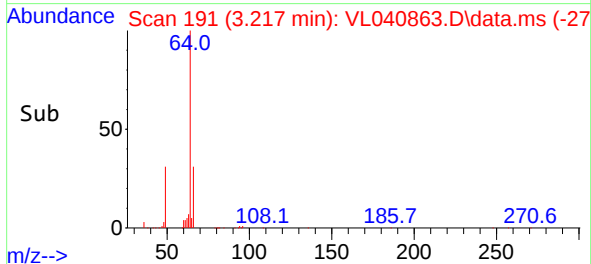
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



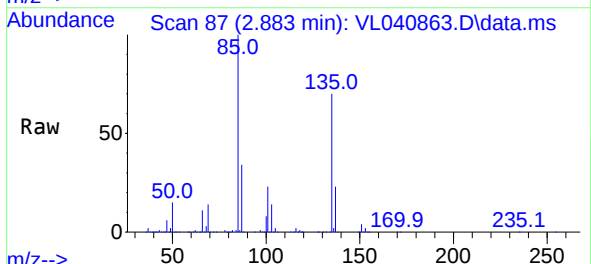
Tgt Ion: 64 Resp: 20941
Ion Ratio Lower Upper
64 100
66 33.7 23.8 35.6

Manual Integrations
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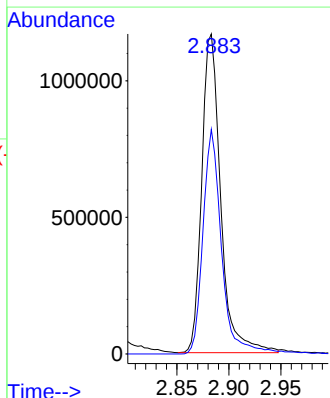
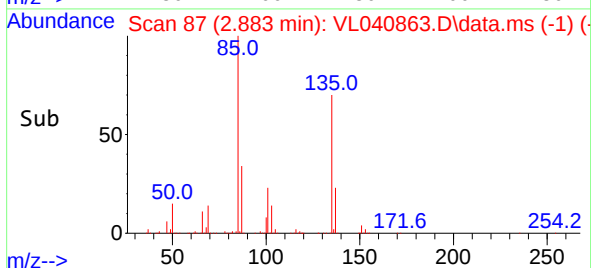
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

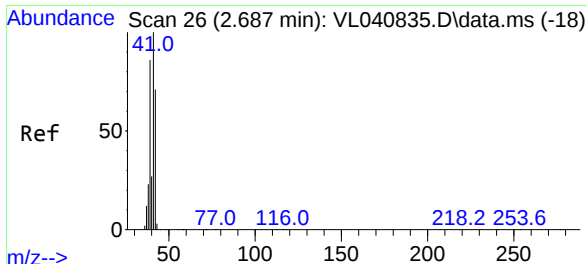


#8
Dichlorotetrafluoroethane
Concen: 11.272 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.032 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



Tgt Ion: 85 Resp: 1476329
Ion Ratio Lower Upper
85 100
135 69.9 55.3 82.9





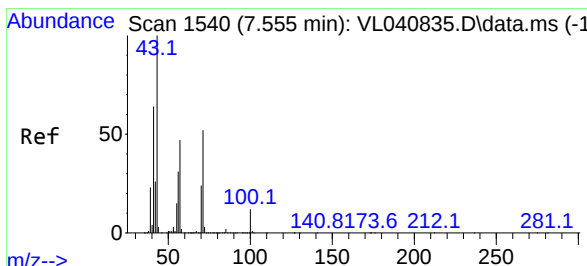
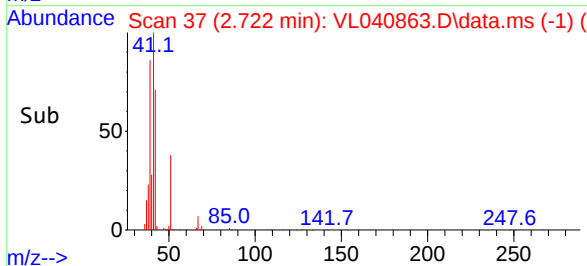
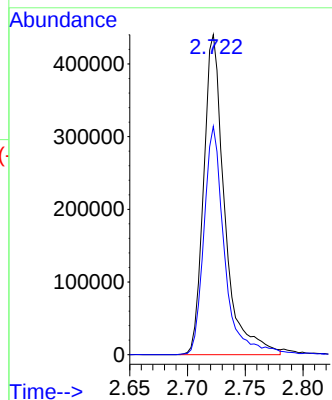
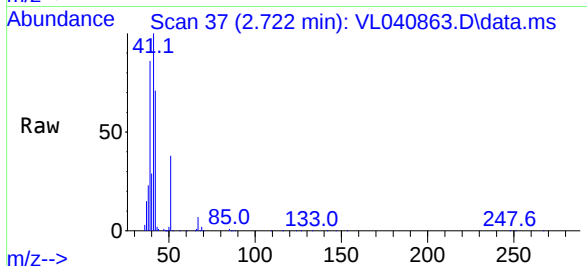
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Propene
Concen: 11.593 ppbv
RT: 2.722 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 558168
Ion Ratio Lower Upper
41 100
42 70.5 56.5 84.7

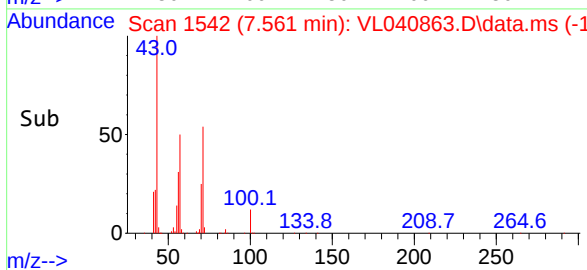
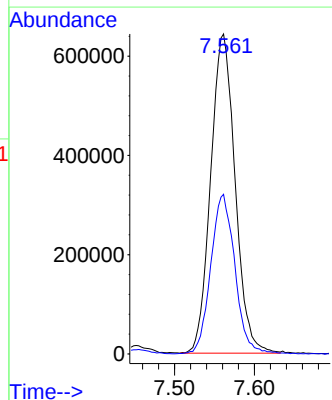
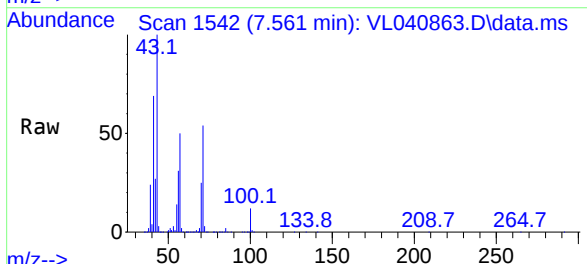
Manual Integrations
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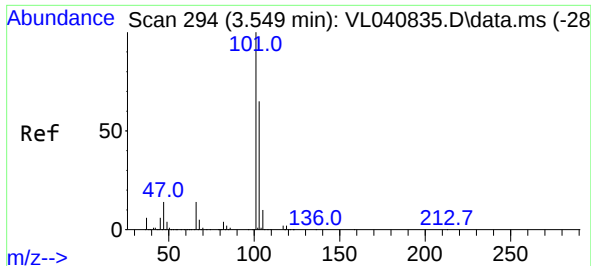
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#10
Heptane
Concen: 11.510 ppbv
RT: 7.561 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

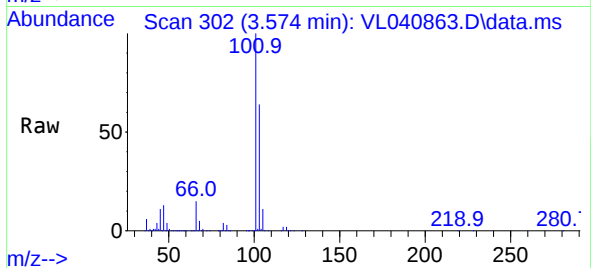
Tgt Ion: 43 Resp: 1363234
Ion Ratio Lower Upper
43 100
57 49.7 39.4 59.0





#11
Trichlorofluoromethane
Concen: 11.391 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.026 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

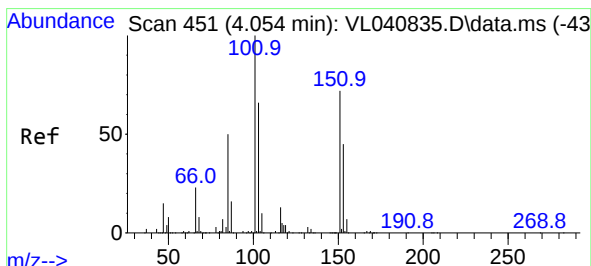
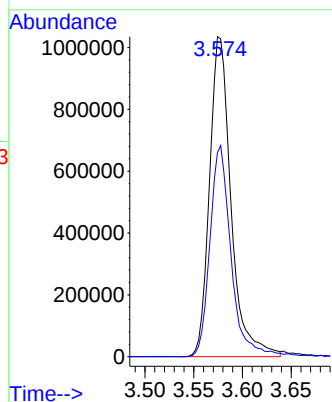
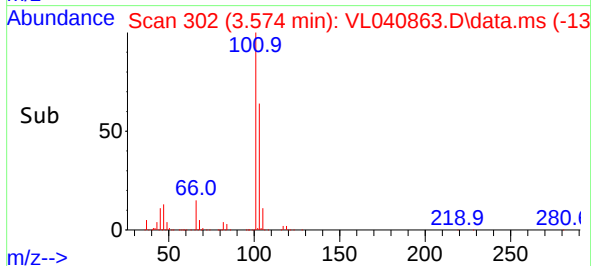
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



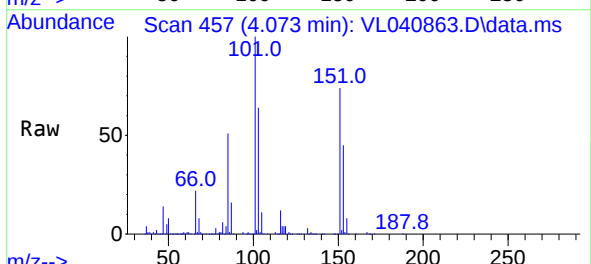
Tgt Ion:101 Resp: 1587718
Ion Ratio Lower Upper
101 100
103 63.8 51.8 77.8

Manual Integrations
APPROVED

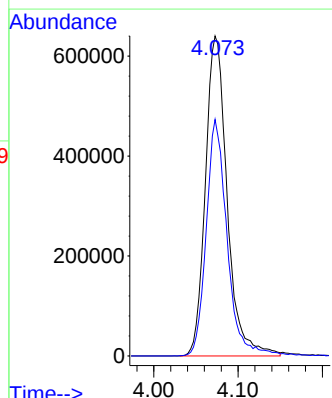
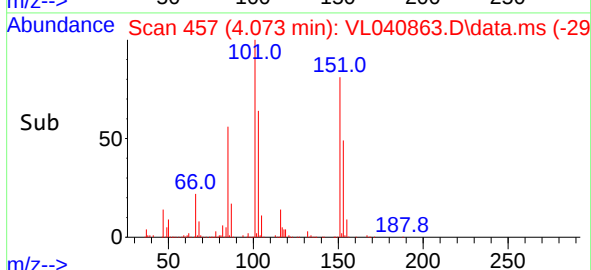
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

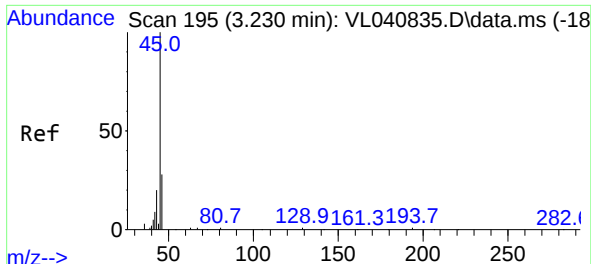


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.638 ppbv
RT: 4.073 min Scan# 457
Delta R.T. 0.019 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



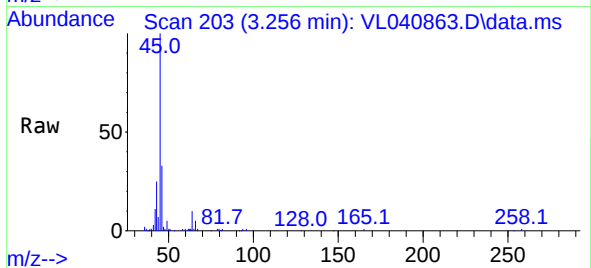
Tgt Ion:101 Resp: 1152314
Ion Ratio Lower Upper
101 100
151 71.4 57.8 86.6





#13
Ethanol
Concen: 11.006 ppbv
RT: 3.256 min Scan# 203
Delta R.T. 0.026 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

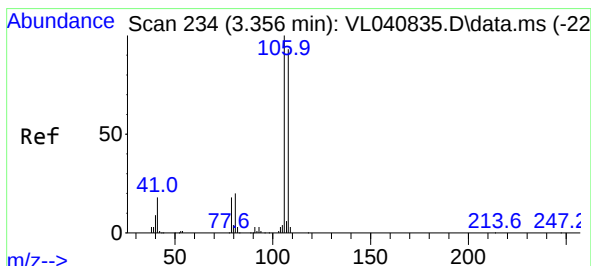
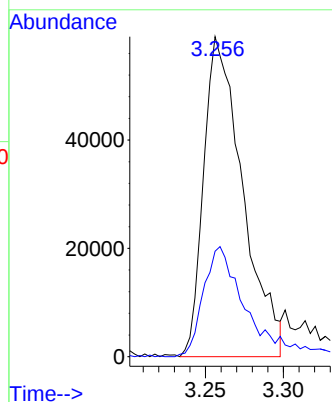
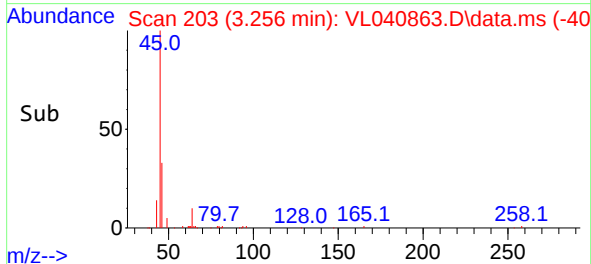
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



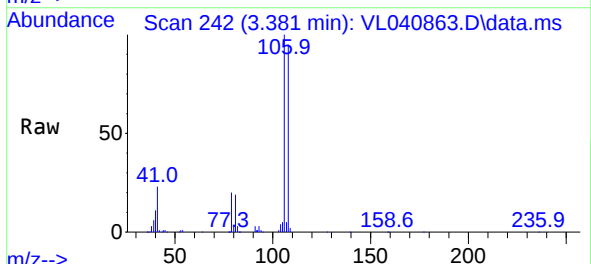
Tgt Ion: 45 Resp: 102895
Ion Ratio Lower Upper
45 100
46 40.0 0.0 0.0

Manual Integrations
APPROVED

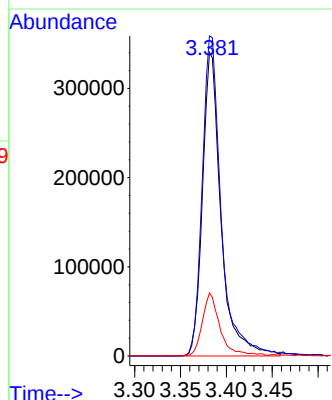
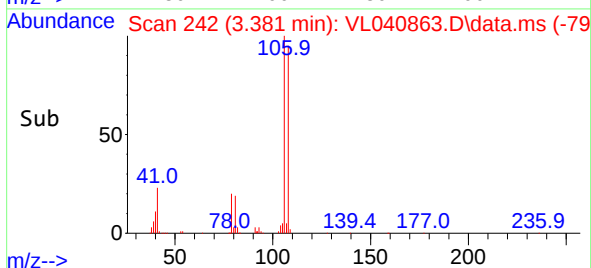
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

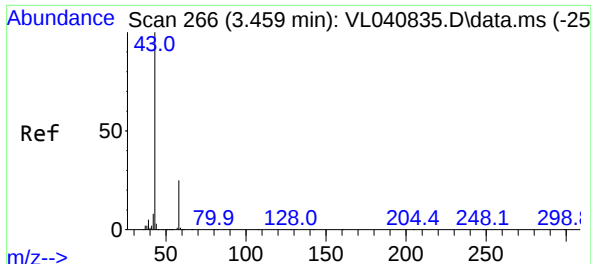


#14
Bromoethene
Concen: 12.009 ppbv
RT: 3.381 min Scan# 242
Delta R.T. 0.026 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



Tgt Ion:108 Resp: 478277
Ion Ratio Lower Upper
108 100
106 108.7 85.4 128.2
79 20.7 16.7 25.1





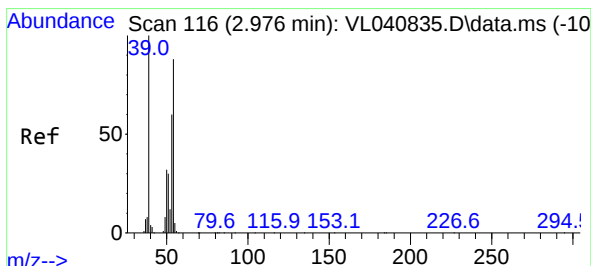
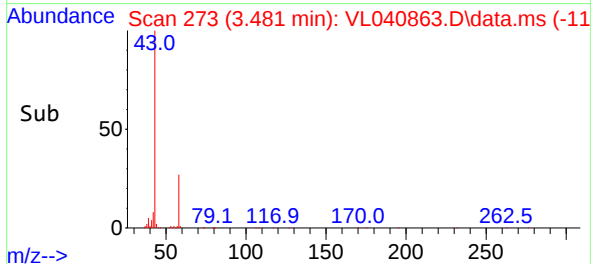
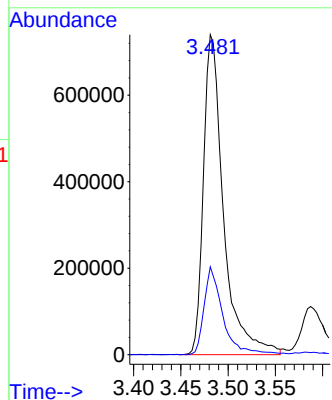
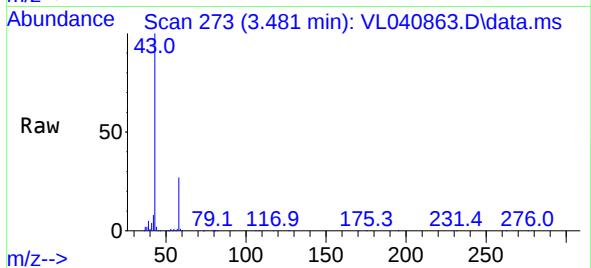
#15
Acetone
Concen: 11.474 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 109344
Ion Ratio Lower Upper
43 100
58 25.8 20.9 31.3

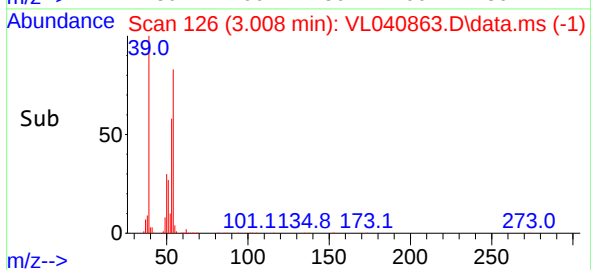
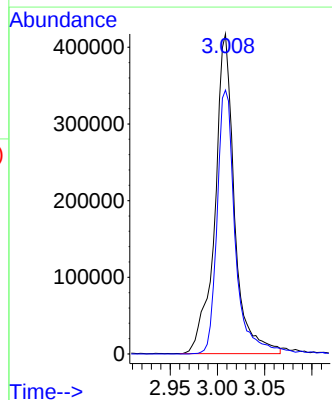
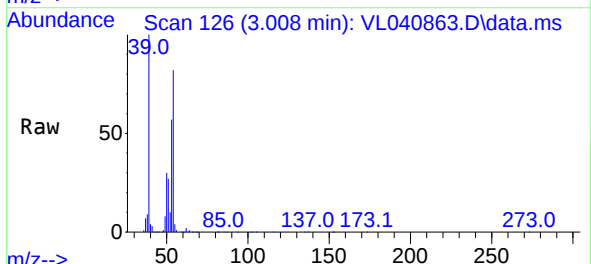
Manual Integrations
APPROVED

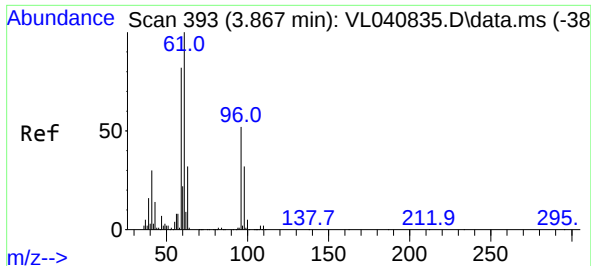
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#16
1,3-Butadiene
Concen: 12.486 ppbv
RT: 3.008 min Scan# 126
Delta R.T. 0.032 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

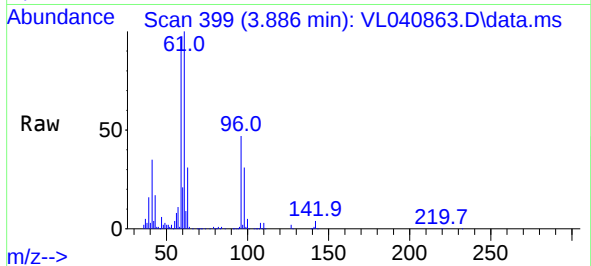
Tgt Ion: 39 Resp: 601979
Ion Ratio Lower Upper
39 100
54 77.5 61.8 92.6





#17
tert-Butyl alcohol
Concen: 13.348 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.019 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

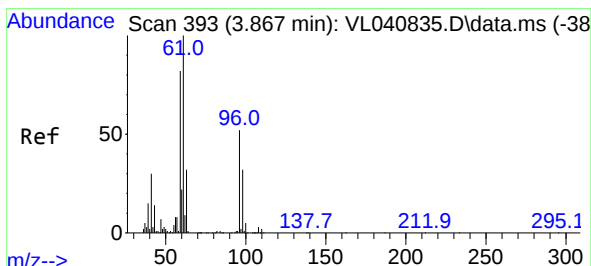
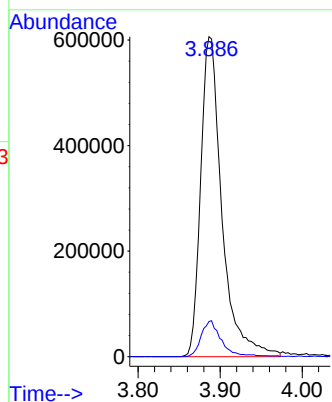
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



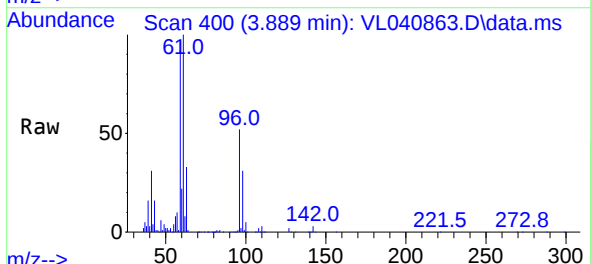
Tgt Ion: 59 Resp: 1087810
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.4

Manual Integrations
APPROVED

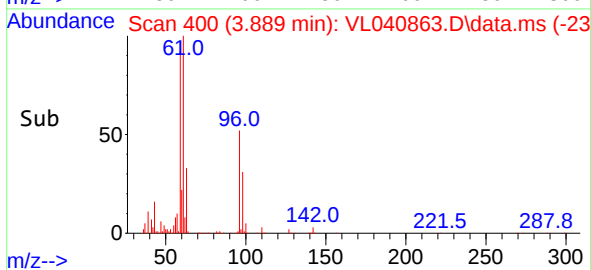
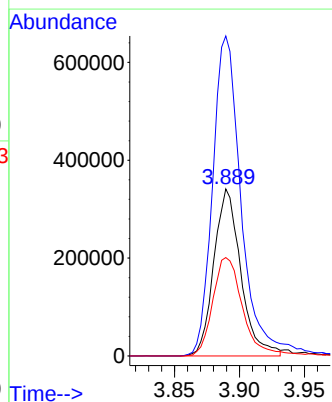
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

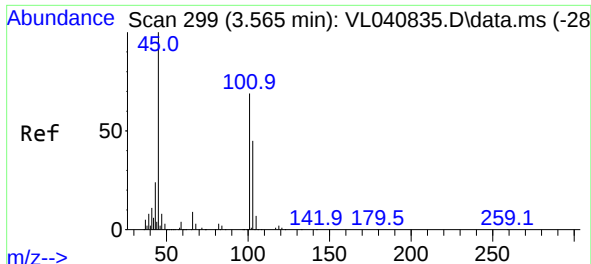


#18
1,1-Dichloroethene
Concen: 11.167 ppbv
RT: 3.889 min Scan# 400
Delta R.T. 0.022 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



Tgt Ion: 96 Resp: 492827
Ion Ratio Lower Upper
96 100
61 191.7 152.6 228.8
98 58.9 49.2 73.8





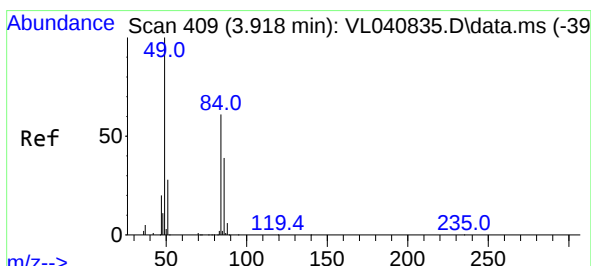
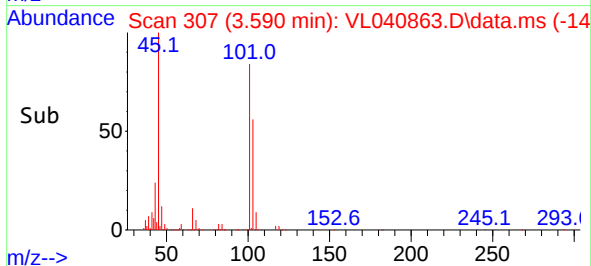
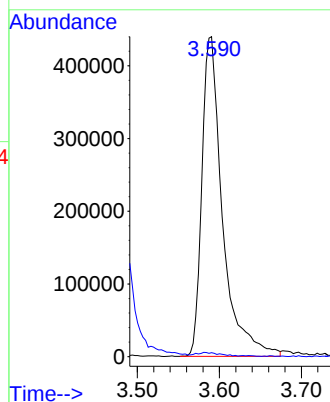
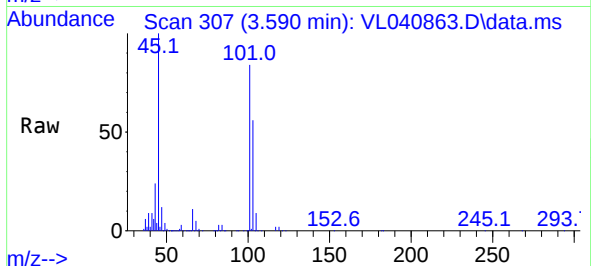
#19
Isopropyl Alcohol
Concen: 13.384 ppbv
RT: 3.590 min Scan# 307
Delta R.T. 0.026 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 767609
Ion Ratio Lower Upper
45 100
58 1.5 1.6 2.4

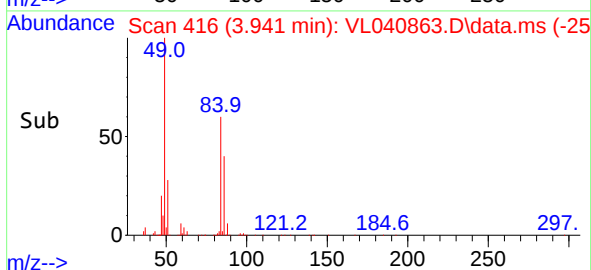
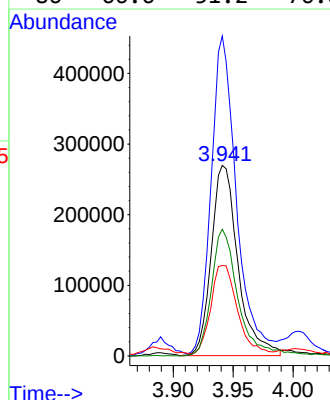
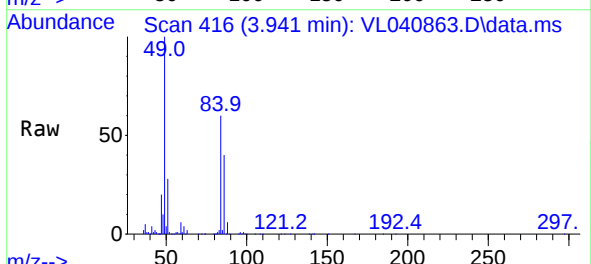
Manual Integrations
APPROVED

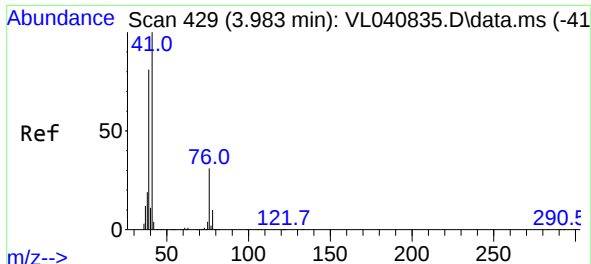
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#20
Methylene Chloride
Concen: 10.624 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.022 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Tgt Ion: 84 Resp: 417821
Ion Ratio Lower Upper
84 100
49 165.6 131.0 196.4
51 45.7 36.9 55.3
86 66.6 51.2 76.8





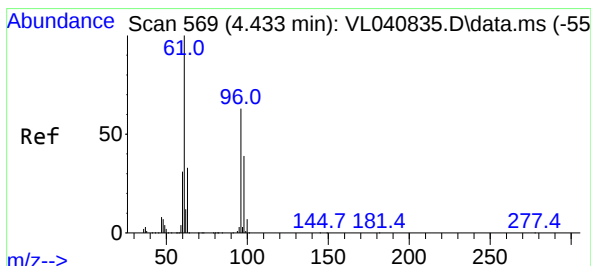
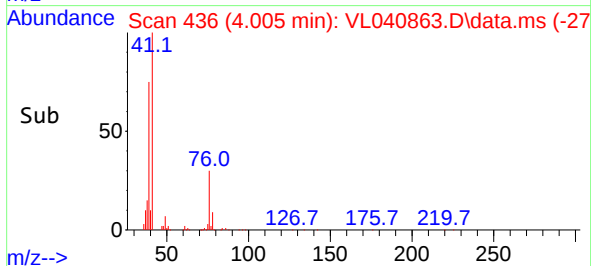
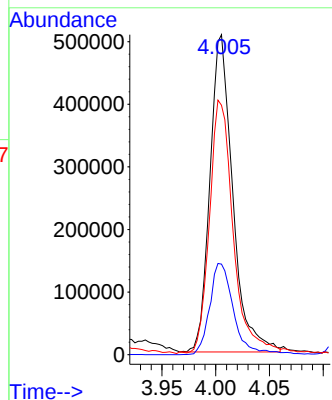
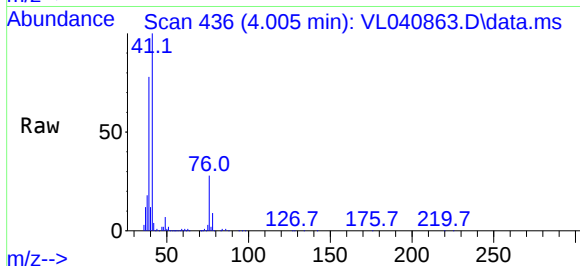
#21
 Allyl Chloride
 Concen: 12.238 ppbv
 RT: 4.005 min Scan# 41
 Delta R.T. 0.022 min
 Lab File: VL040863.D
 Acq: 15 Nov 2023 7:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 746375
 Ion Ratio Lower Upper
 41 100
 76 30.5 24.4 36.6
 39 84.4 68.1 102.1

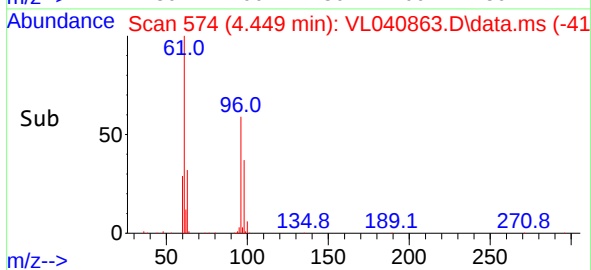
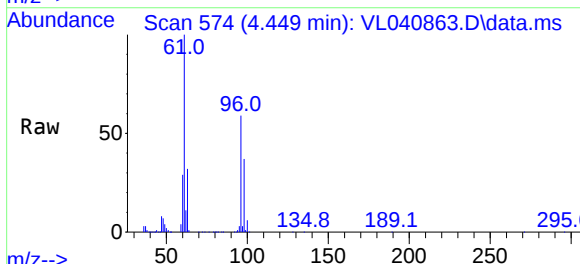
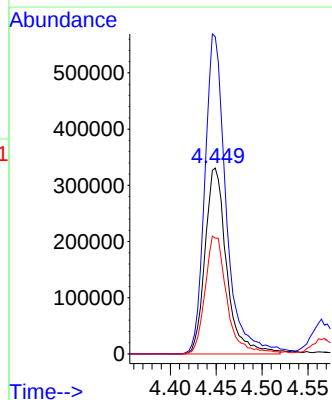
Manual Integrations
 APPROVED

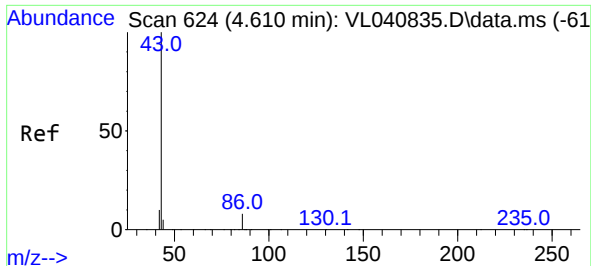
Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.845 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.016 min
 Lab File: VL040863.D
 Acq: 15 Nov 2023 7:29

Tgt Ion: 96 Resp: 543184
 Ion Ratio Lower Upper
 96 100
 61 170.5 126.8 190.2
 98 62.3 49.9 74.9





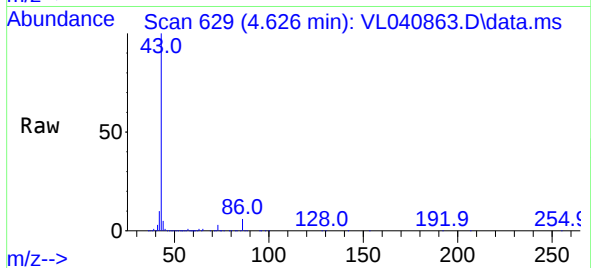
#23
 Vinyl Acetate
 Concen: 10.987 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. 0.016 min
 Lab File: VL040863.D
 Acq: 15 Nov 2023 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

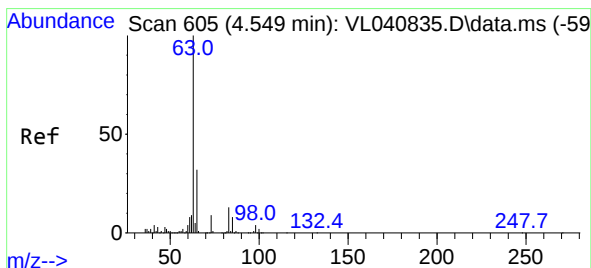
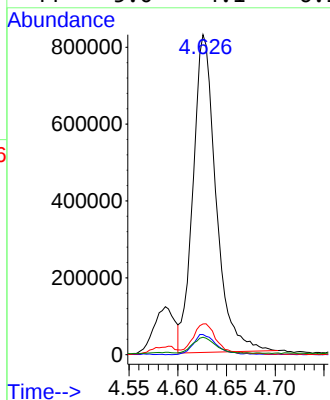
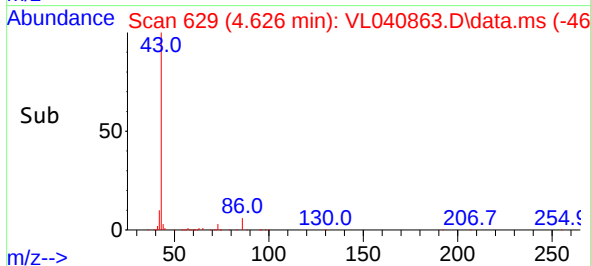


Tgt Ion: 43 Resp: 1352000
 Ion Ratio Lower Upper
 43 100
 86 6.2 5.5 8.3
 42 9.5 8.2 12.2
 44 5.0 4.1 6.1

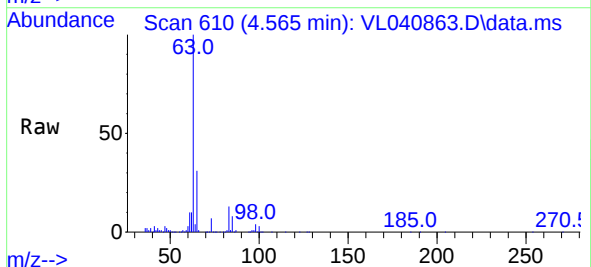
Manual Integrations

APPROVED

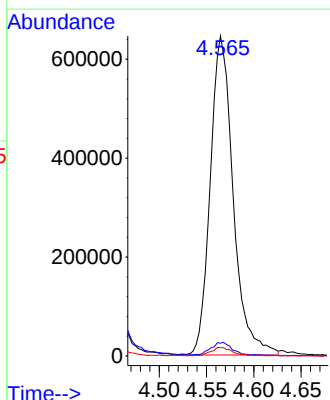
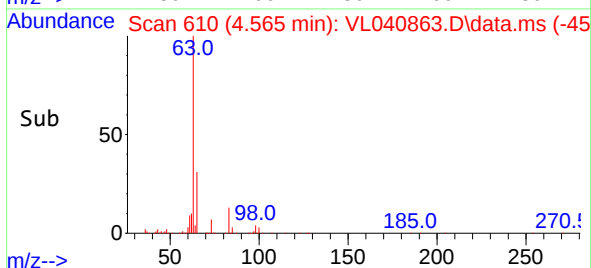
Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

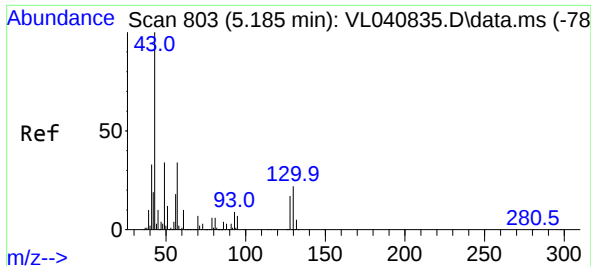


#24
 1,1-Dichloroethane
 Concen: 9.931 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.016 min
 Lab File: VL040863.D
 Acq: 15 Nov 2023 7:29



Tgt Ion: 63 Resp: 1089232
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.2 6.6
 100 2.5 1.0 3.0





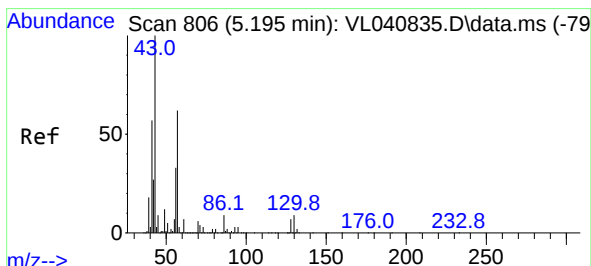
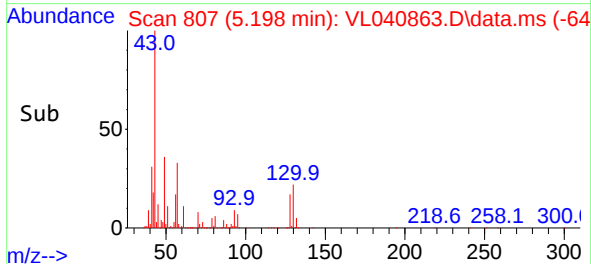
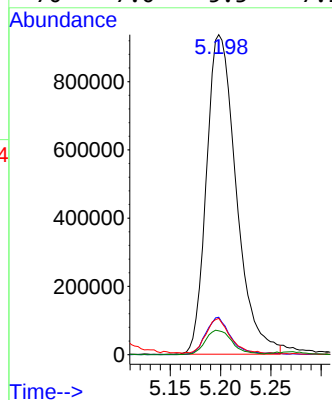
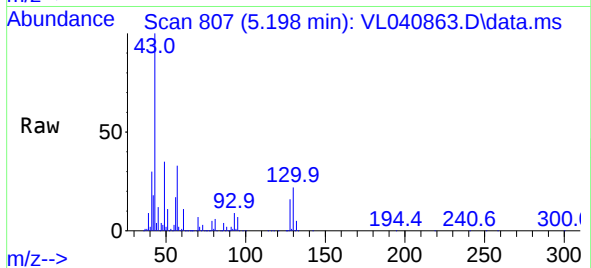
#25
Ethyl Acetate
Concen: 9.784 ppbv
RT: 5.198 min Scan# 803
Delta R.T. 0.013 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 193054
Ion Ratio Lower Upper
43 100
45 10.2 8.1 12.1
61 10.0 7.8 11.6
70 7.0 5.3 7.9

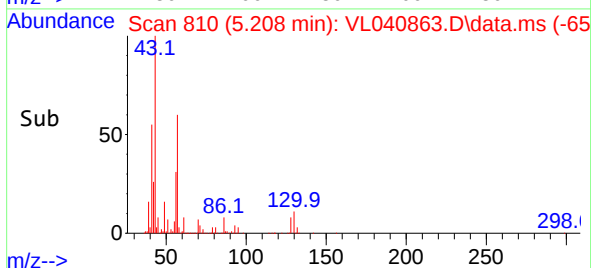
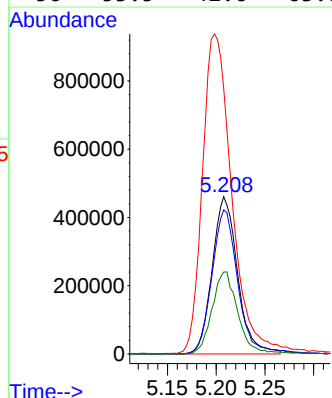
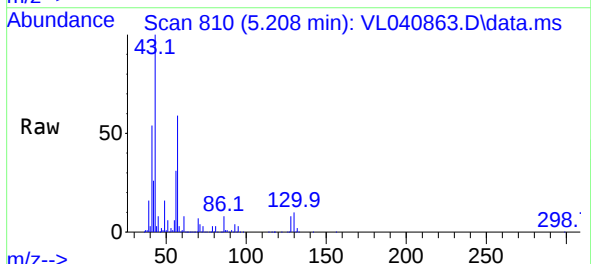
Manual Integrations
APPROVED

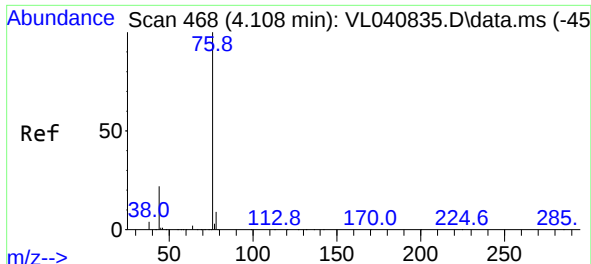
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#26
Hexane
Concen: 9.549 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.013 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

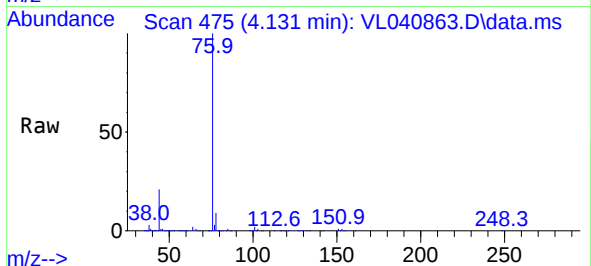
Tgt Ion: 57 Resp: 833920
Ion Ratio Lower Upper
57 100
41 94.2 75.4 113.0
43 237.5 185.9 278.9
56 53.5 42.6 63.8





#27
Carbon Disulfide
Concen: 11.574 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.022 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

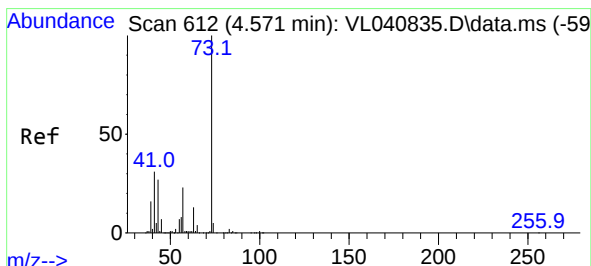
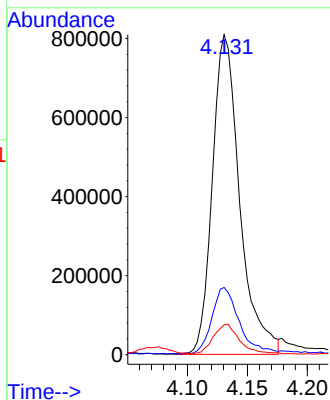
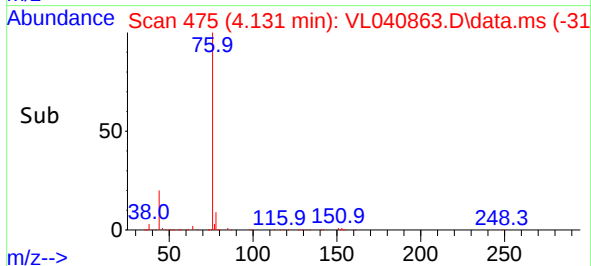
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 128176
Ion Ratio Lower Upper
76 100
44 22.3 16.7 25.1
78 9.8 7.6 11.4

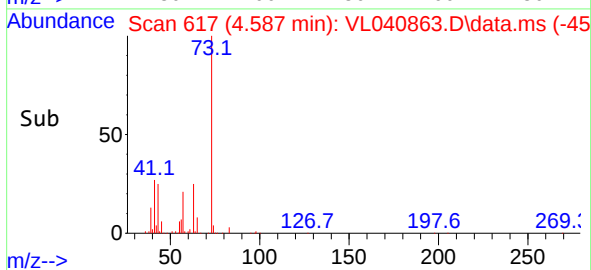
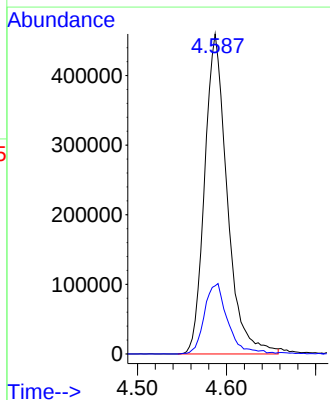
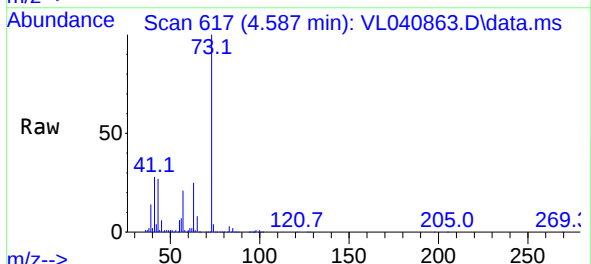
Manual Integrations
APPROVED

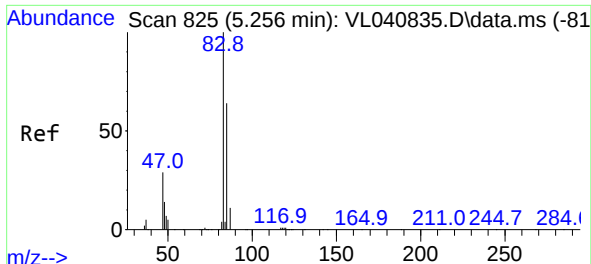
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#28
Methyl tert-Butyl Ether
Concen: 10.245 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.016 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

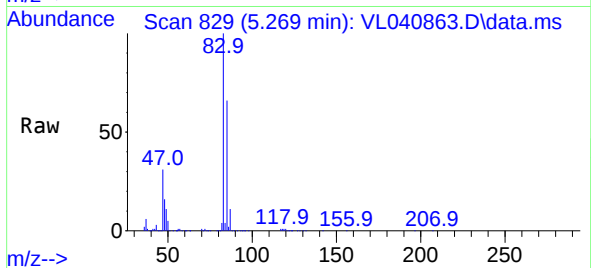
Tgt Ion: 73 Resp: 809131
Ion Ratio Lower Upper
73 100
57 23.1 18.0 27.0





#29
Chloroform
Concen: 9.290 ppbv
RT: 5.269 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

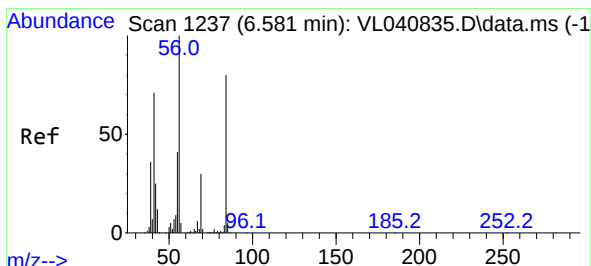
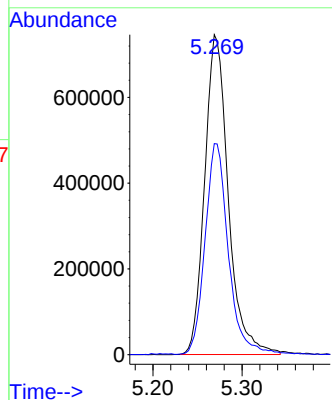
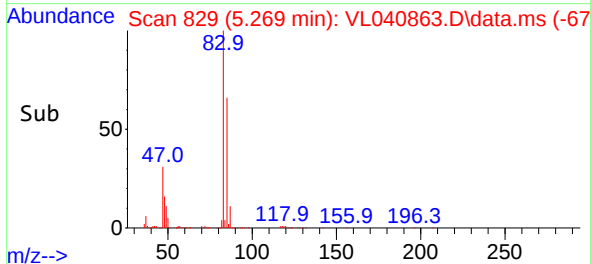
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



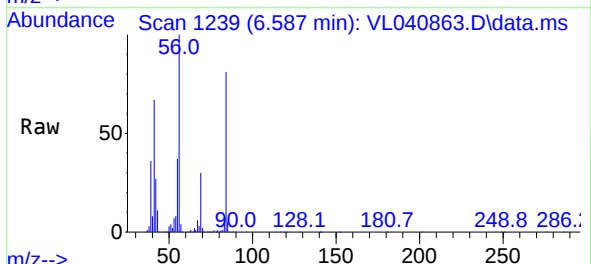
Tgt Ion: 83 Resp: 1375110
Ion Ratio Lower Upper
83 100
85 65.8 51.4 77.0

Manual Integrations
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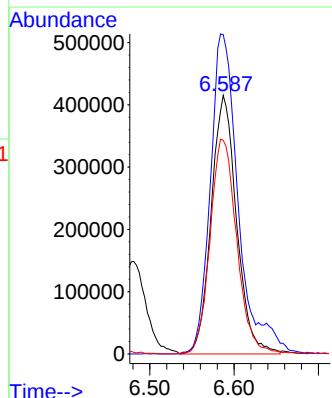
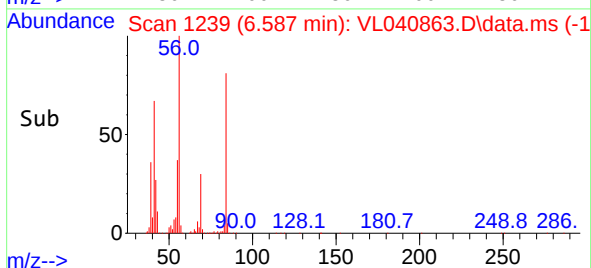
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

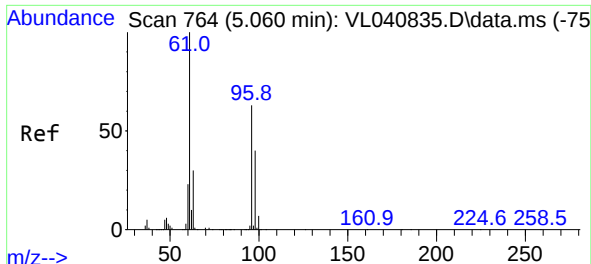


#30
Cyclohexane
Concen: 11.572 ppbv
RT: 6.587 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



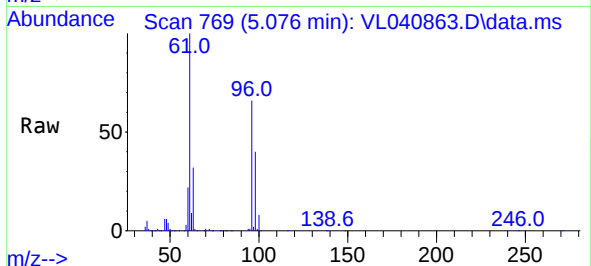
Tgt Ion: 84 Resp: 869411
Ion Ratio Lower Upper
84 100
56 136.8 109.3 163.9
41 87.5 71.4 107.2





#31
cis-1,2-Dichloroethene
Concen: 9.730 ppbv
RT: 5.076 min Scan# 769
Delta R.T. 0.016 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

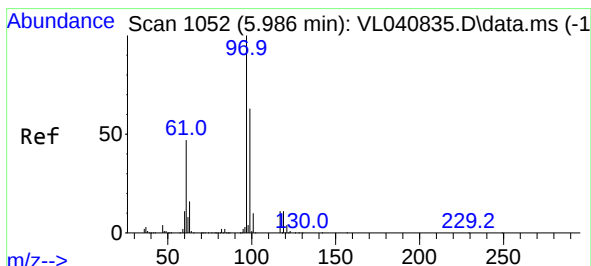
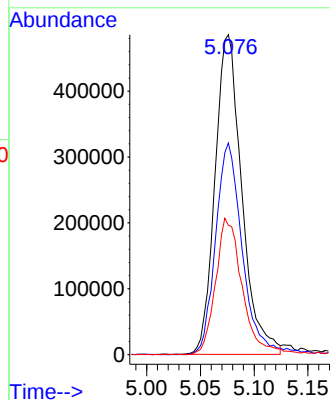
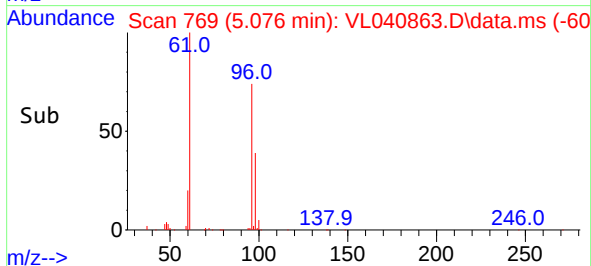
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



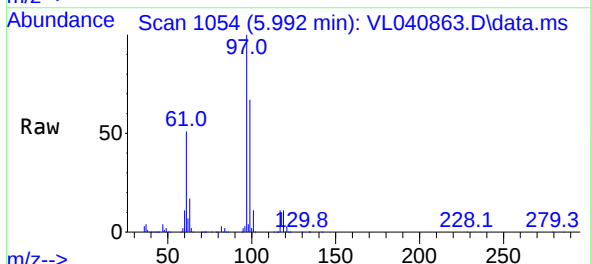
Tgt Ion: 61 Resp: 840890
Ion Ratio Lower Upper
61 100
96 66.1 50.5 75.7
98 40.4 31.9 47.9

Manual Integrations
APPROVED

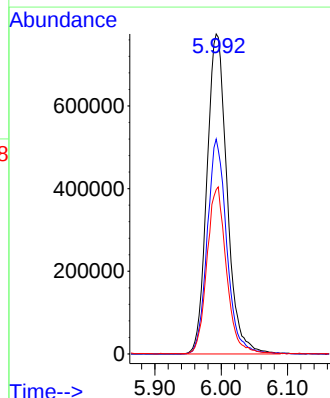
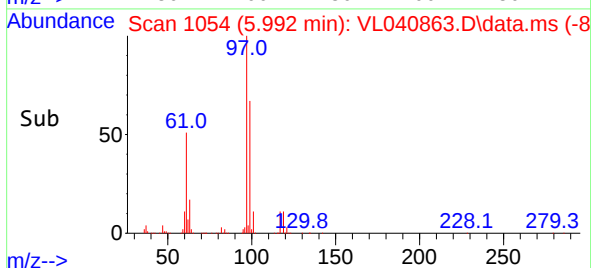
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

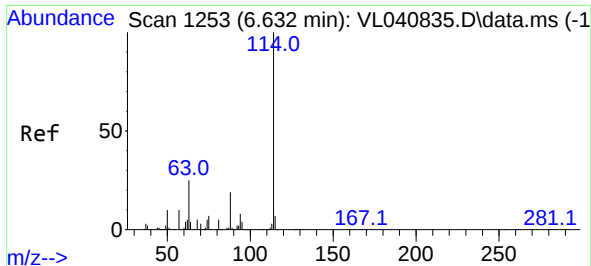


#32
1,1,1-Trichloroethane
Concen: 11.827 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



Tgt Ion: 97 Resp: 1633301
Ion Ratio Lower Upper
97 100
99 65.1 52.2 78.4
61 50.8 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040863.D

Acq: 15 Nov 2023 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 2759400

Ion Ratio Lower Upper

114 100

63 25.2 20.9 31.3

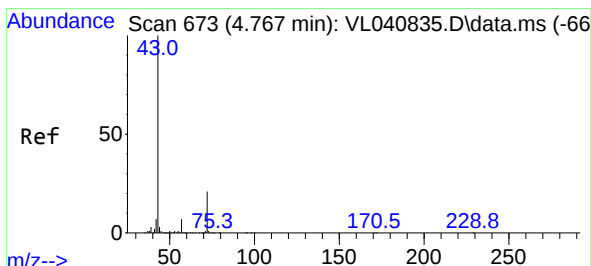
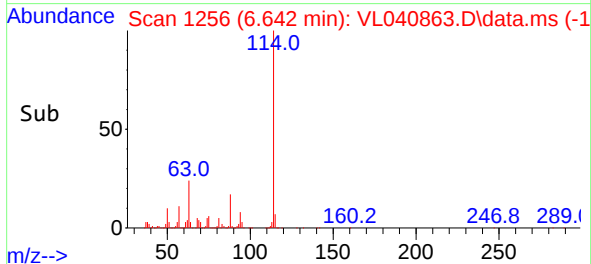
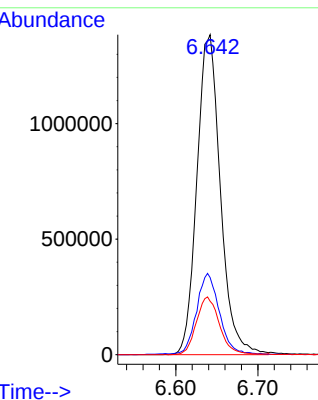
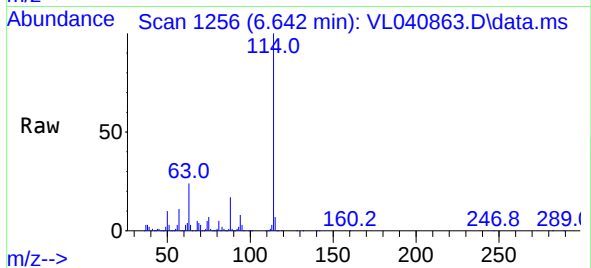
88 17.9 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#34

2-Butanone

Concen: 8.782 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.016 min

Lab File: VL040863.D

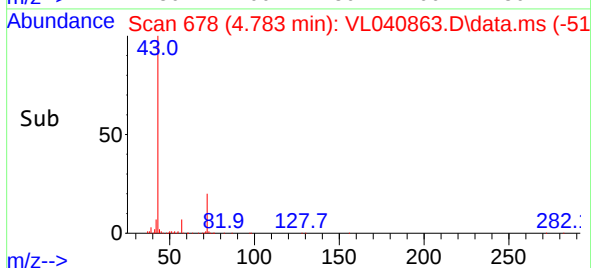
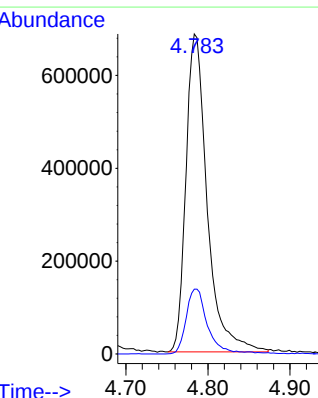
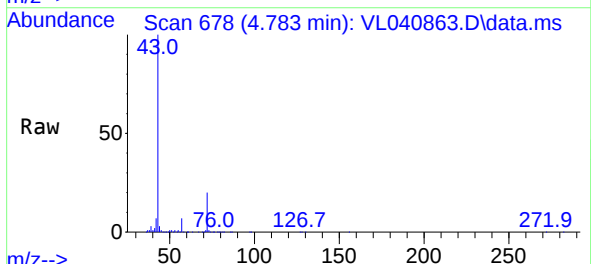
Acq: 15 Nov 2023 7:29

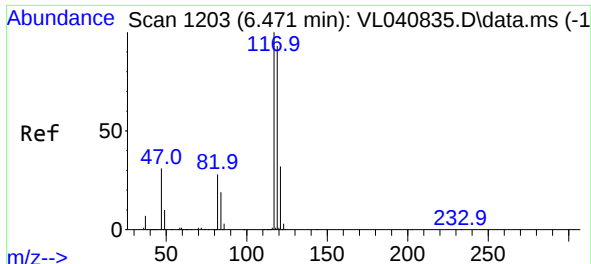
Tgt Ion: 43 Resp: 1234521

Ion Ratio Lower Upper

43 100

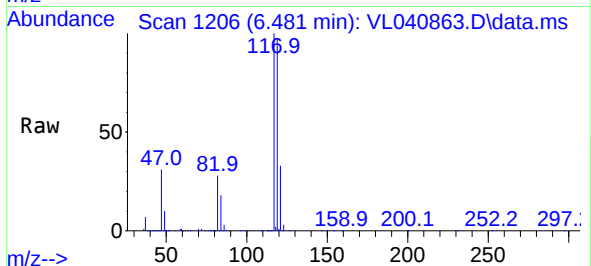
72 20.9 17.2 25.8





#35
Carbon Tetrachloride
Concen: 10.252 ppbv
RT: 6.481 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

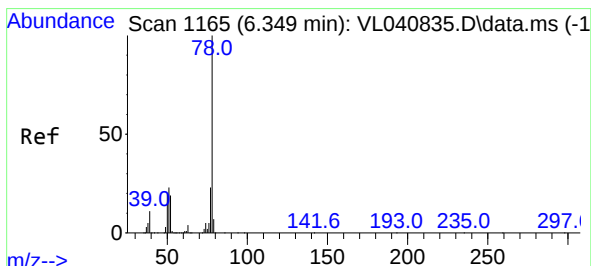
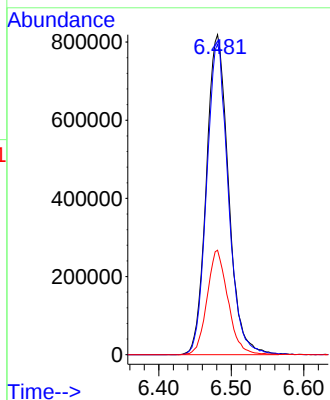
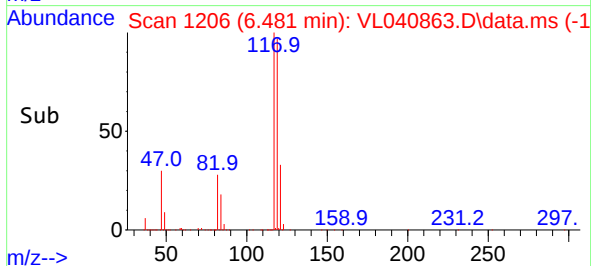
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



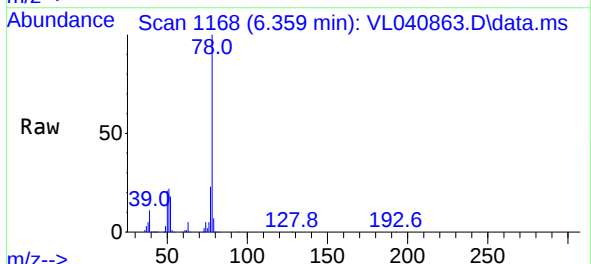
Tgt Ion:117 Resp: 173574
Ion Ratio Lower Upper
117 100
119 96.8 74.7 112.1
121 32.7 25.5 38.3

Manual Integrations
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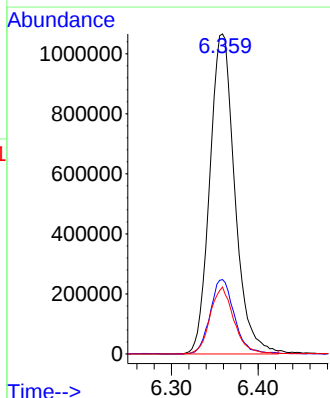
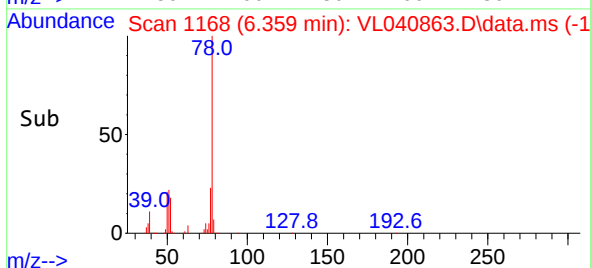
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

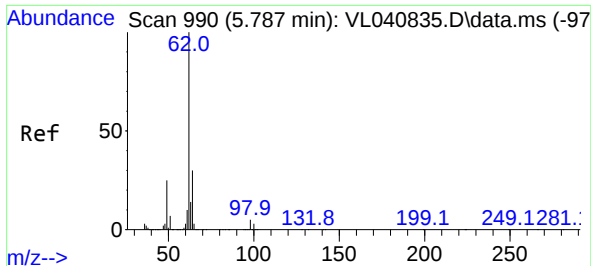


#36
Benzene
Concen: 9.555 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. 0.010 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



Tgt Ion: 78 Resp: 2139914
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6
50 20.9 16.2 24.2





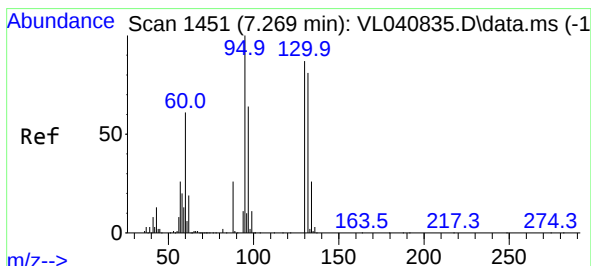
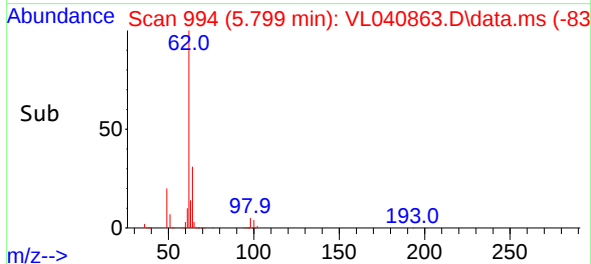
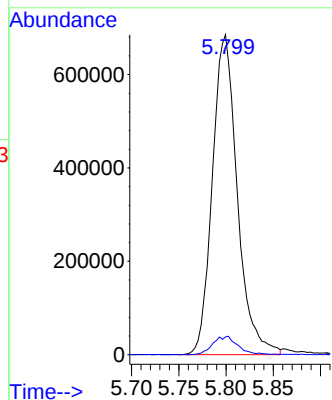
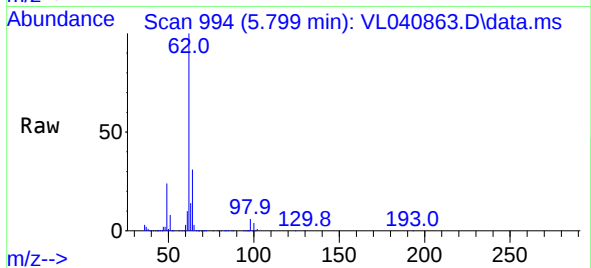
#37
1,2-Dichloroethane
Concen: 9.524 ppbv
RT: 5.799 min Scan# 990
Delta R.T. 0.013 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 125799
Ion Ratio Lower Upper
62 100
98 5.9 4.6 6.8

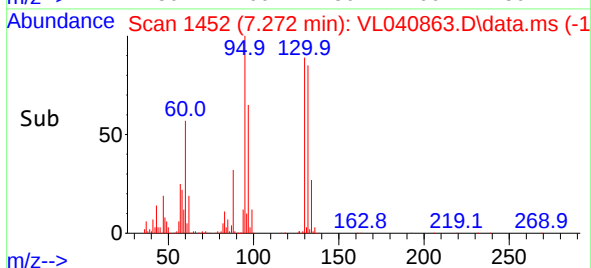
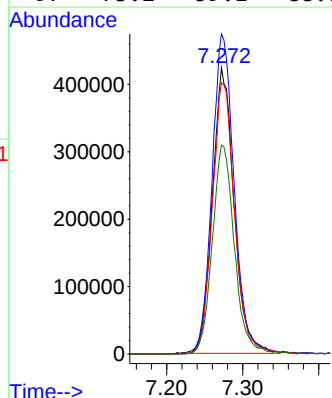
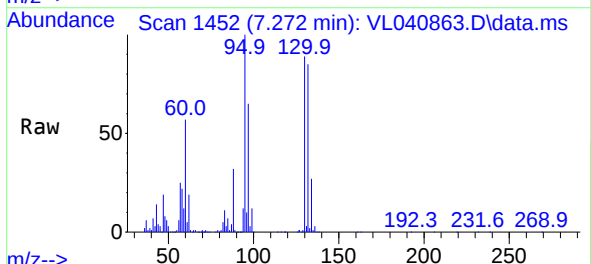
Manual Integrations
APPROVED

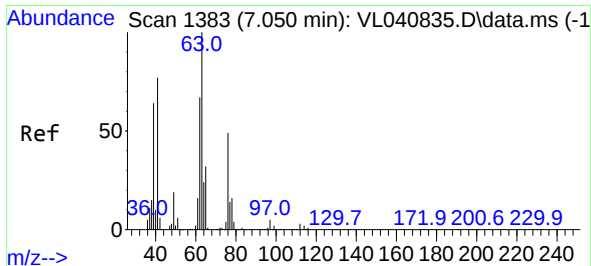
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#38
Trichloroethene
Concen: 9.651 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. 0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

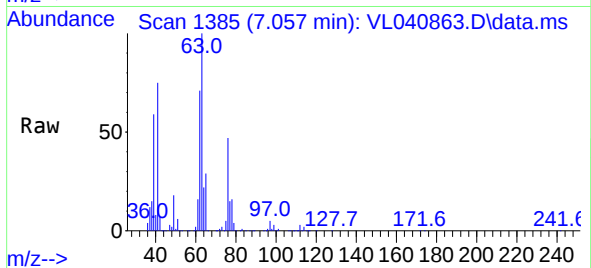
Tgt Ion:130 Resp: 840130
Ion Ratio Lower Upper
130 100
95 112.0 92.4 138.6
132 94.9 75.1 112.7
97 73.2 59.1 88.7





#39
1,2-Dichloropropane
Concen: 9.492 ppbv
RT: 7.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

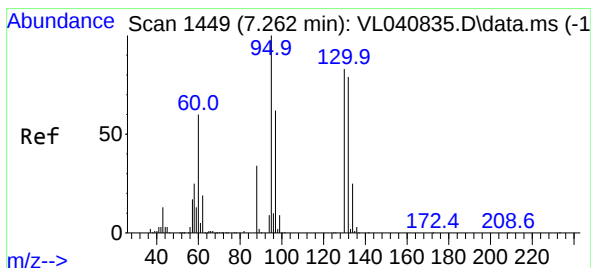
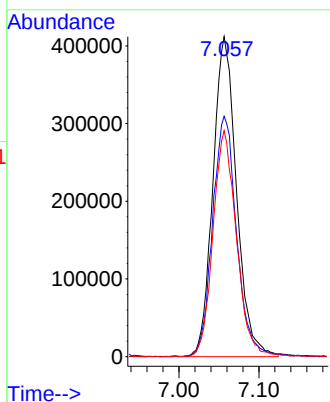
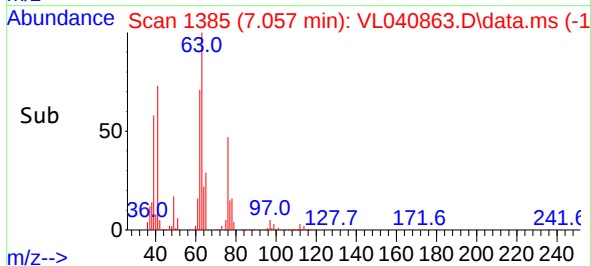
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



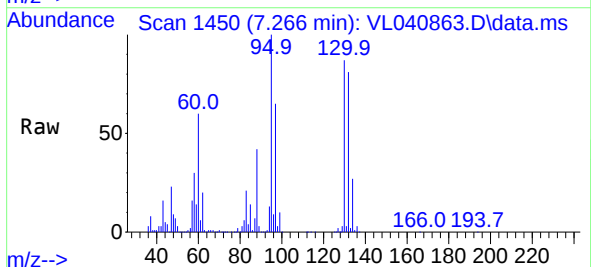
Tgt Ion: 63 Resp: 842868
Ion Ratio Lower Upper
63 100
41 75.0 61.5 92.3
62 70.6 53.9 80.9

Manual Integrations
APPROVED

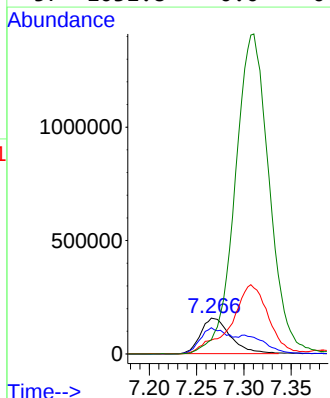
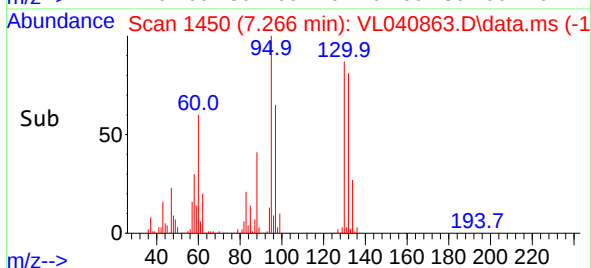
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

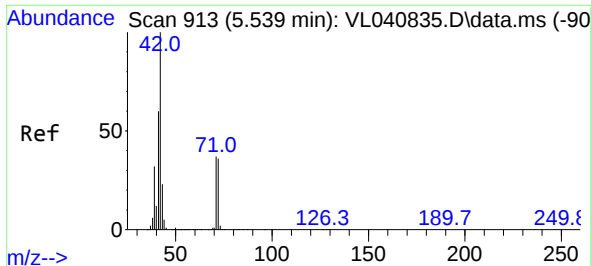


#40
1,4-Dioxane
Concen: 9.797 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



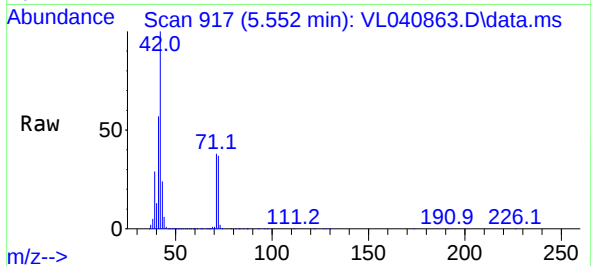
Tgt Ion: 88 Resp: 345187
Ion Ratio Lower Upper
88 100
58 120.9 101.0 151.6
43 241.0 0.0 0.0#
57 1031.8 0.0 0.0#





#41
Tetrahydrofuran
Concen: 9.989 ppbv
RT: 5.552 min Scan# 913
Delta R.T. 0.013 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

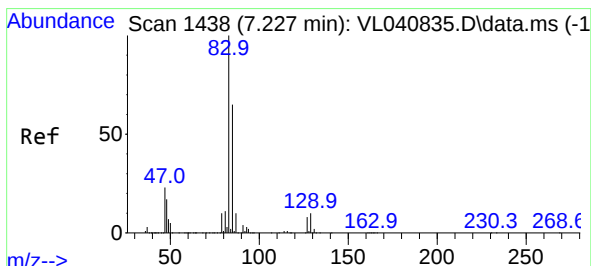
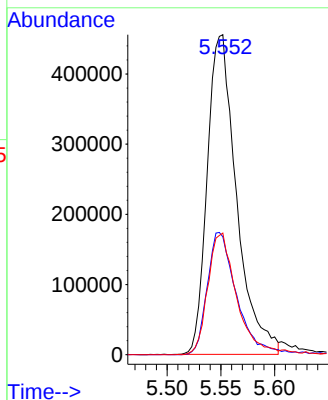
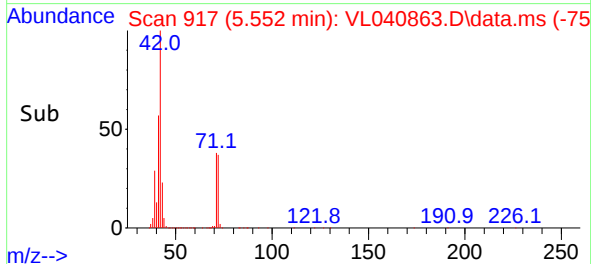
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



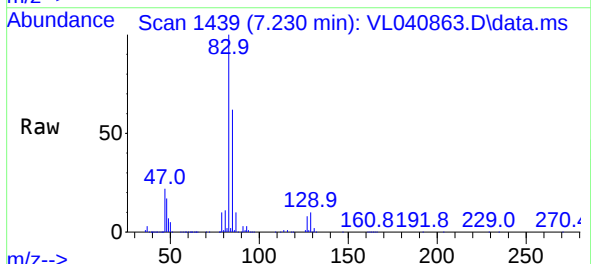
Tgt Ion: 42 Resp: 864500
Ion Ratio Lower Upper
42 100
72 39.1 30.8 46.2
71 38.2 30.0 45.0

Manual Integrations
APPROVED

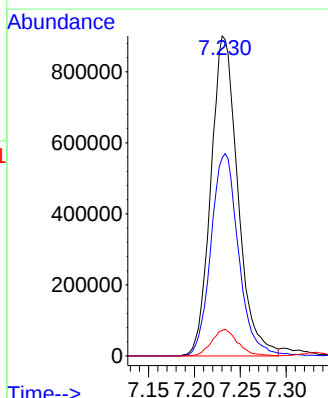
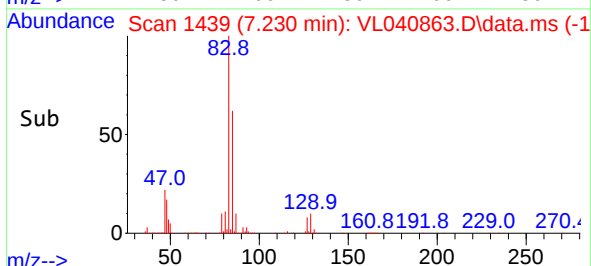
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

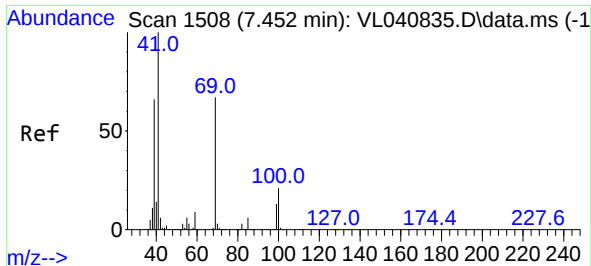


#42
Bromodichloromethane
Concen: 9.740 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. 0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



Tgt Ion: 83 Resp: 1841048
Ion Ratio Lower Upper
83 100
85 61.9 52.3 78.5
127 8.0 6.6 10.0





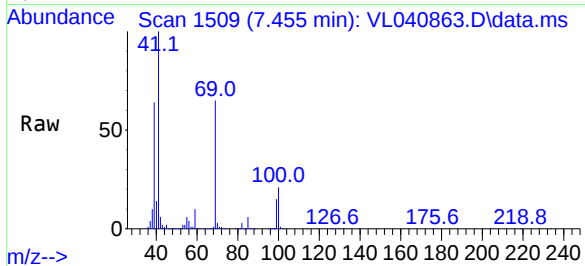
#43
Methyl Methacrylate
Concen: 10.443 ppbv
RT: 7.455 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

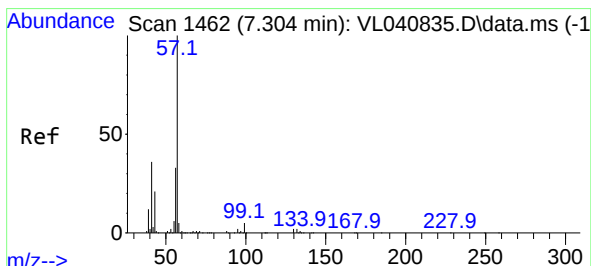
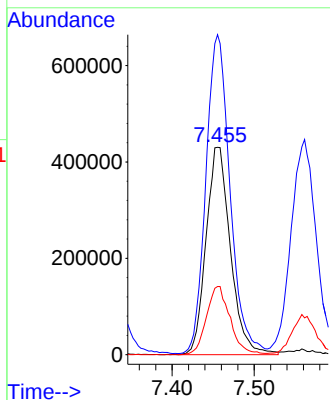
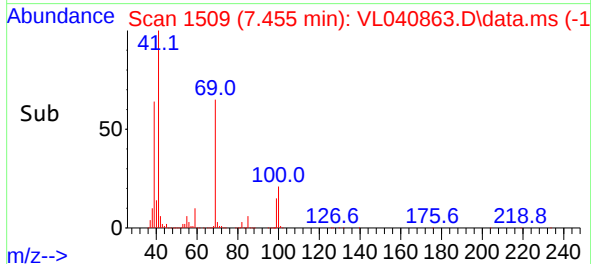


Tgt Ion: 69 Resp: 891180
Ion Ratio Lower Upper
69 100
41 152.7 123.0 184.4
100 31.8 25.4 38.2

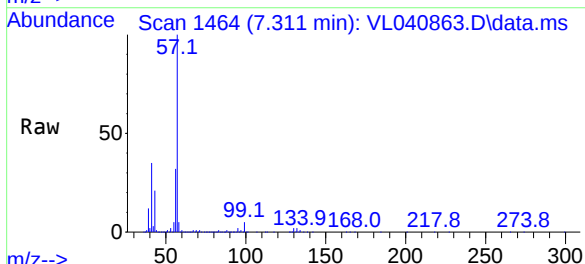
Manual Integrations

APPROVED

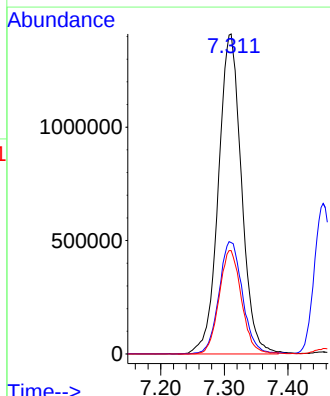
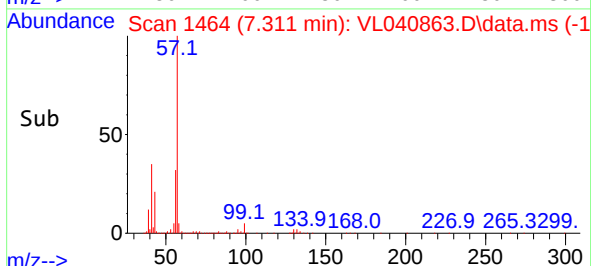
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

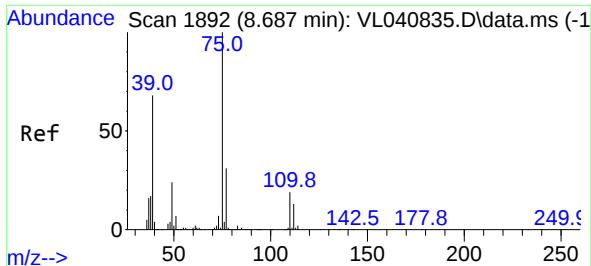


#44
2,2,4-Trimethylpentane
Concen: 9.545 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



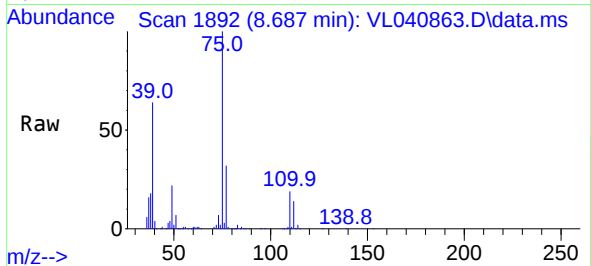
Tgt Ion: 57 Resp: 3550849
Ion Ratio Lower Upper
57 100
41 35.9 29.0 43.6
56 31.4 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 11.507 ppbv
RT: 8.687 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

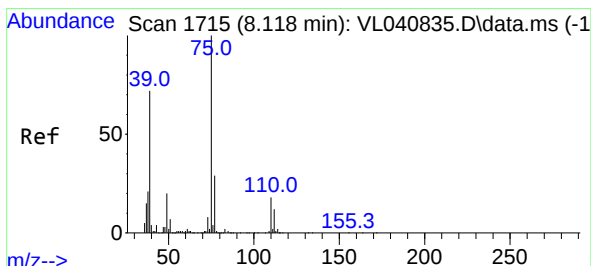
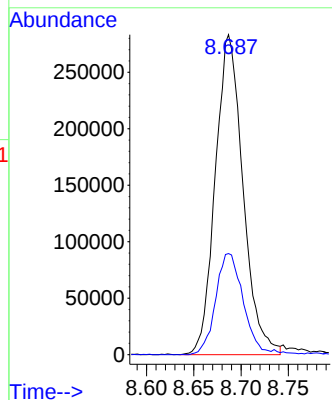
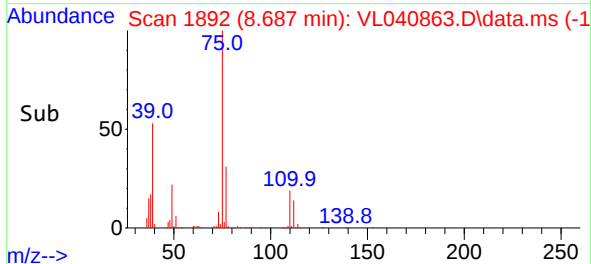
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



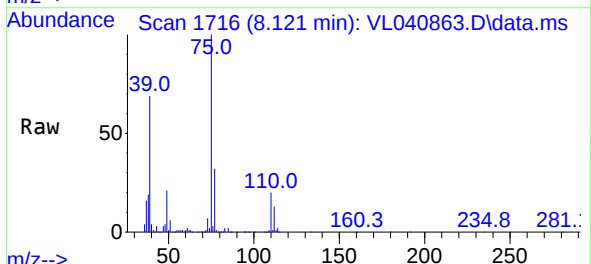
Tgt Ion: 75 Resp: 577070
Ion Ratio Lower Upper
75 100
77 31.6 24.9 37.3

Manual Integrations
APPROVED

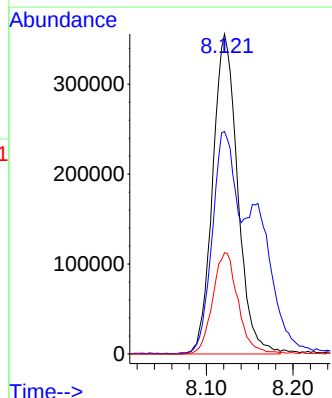
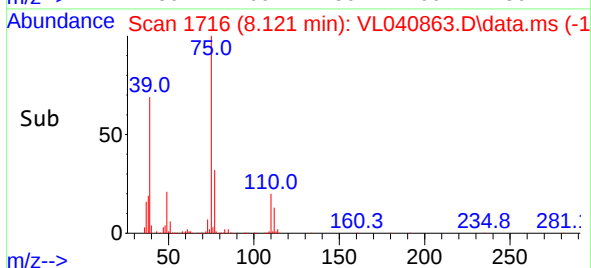
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

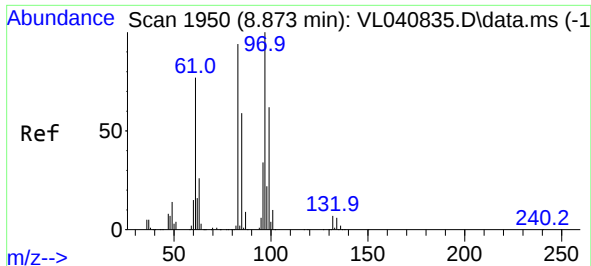


#46
cis-1,3-Dichloropropene
Concen: 10.959 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. 0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



Tgt Ion: 75 Resp: 712641
Ion Ratio Lower Upper
75 100
39 69.1 57.3 85.9
77 31.7 23.0 34.6





#47

1,1,2-Trichloroethane

Concen: 9.699 ppbv

RT: 8.876 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VL040863.D

Acq: 15 Nov 2023 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 90245

Ion Ratio Lower Upper

97 100

83 87.2 74.8 112.2

85 58.1 47.4 71.0

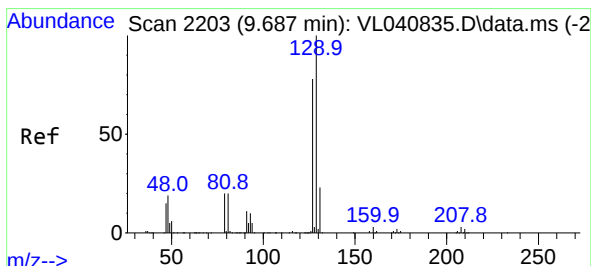
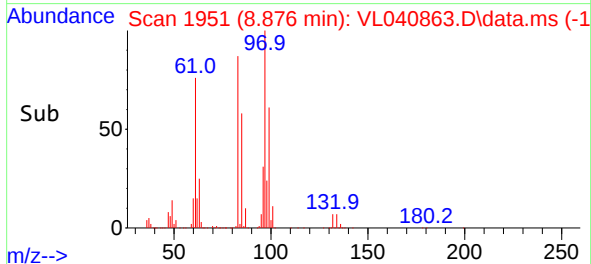
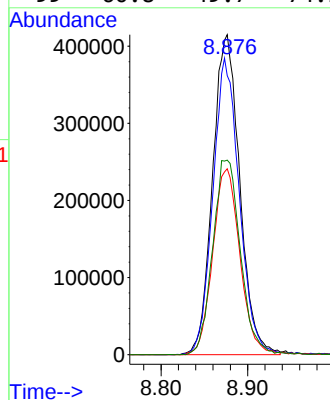
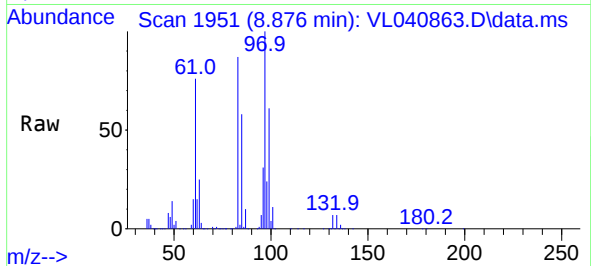
99 60.8 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#48

Dibromochloromethane

Concen: 10.414 ppbv

RT: 9.680 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VL040863.D

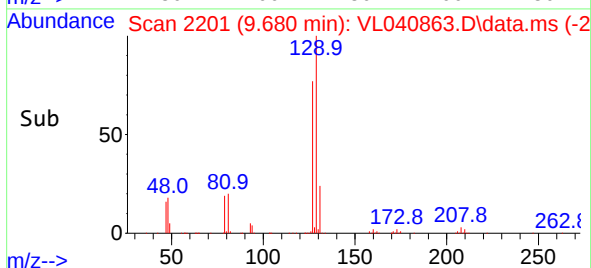
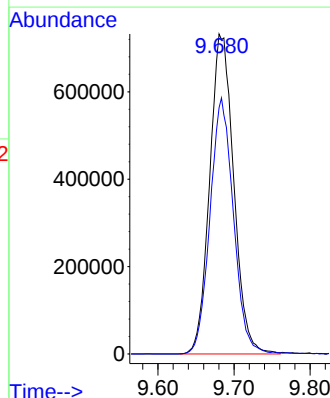
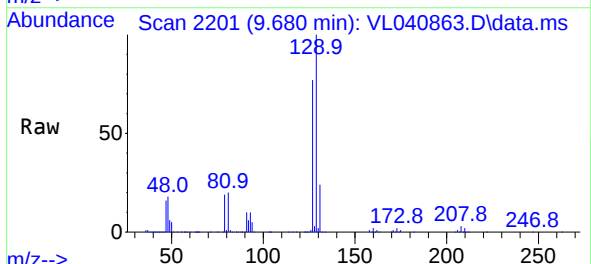
Acq: 15 Nov 2023 7:29

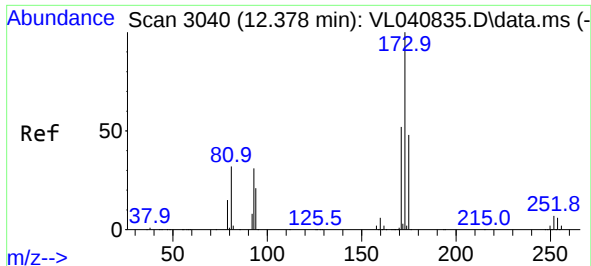
Tgt Ion:129 Resp: 1607861

Ion Ratio Lower Upper

129 100

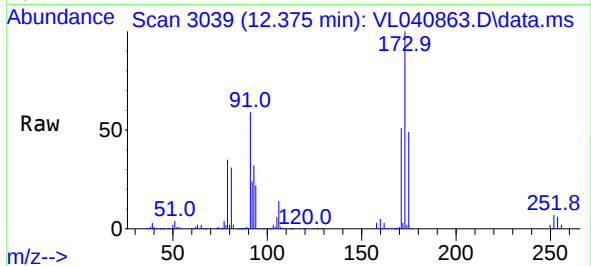
127 78.3 39.3 117.9





#49
Bromoform
Concen: 10.729 ppbv
RT: 12.375 min Scan# 3040
Delta R.T. -0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

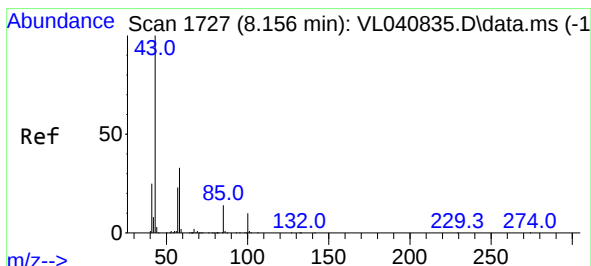
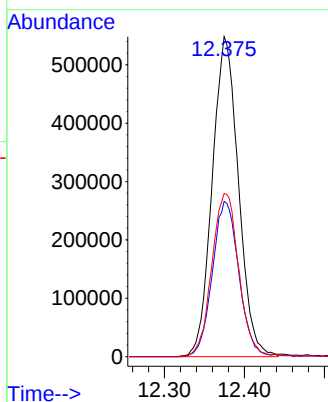
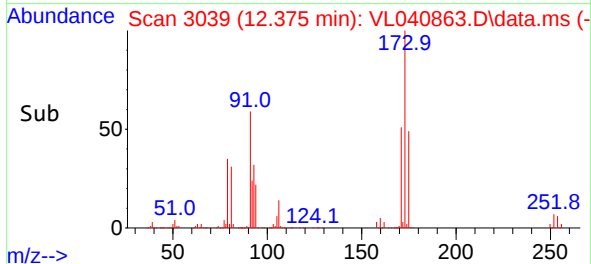
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



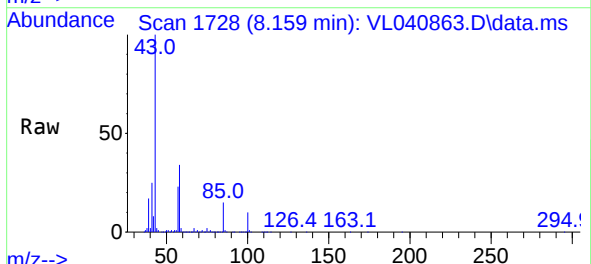
Tgt Ion:173 Resp: 1245839
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.6
171 52.7 41.8 62.6

Manual Integrations
APPROVED

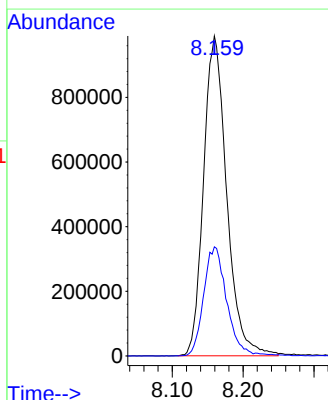
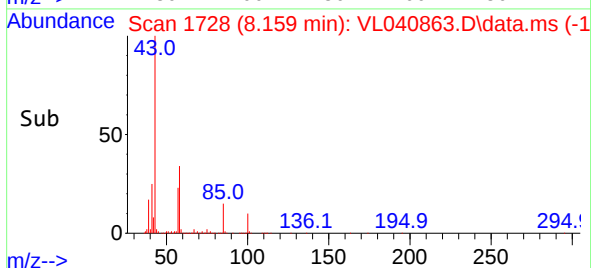
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

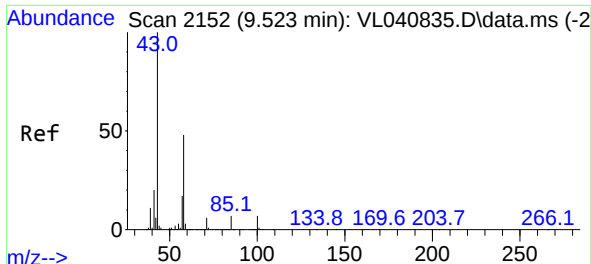


#50
4-Methyl-2-Pentanone
Concen: 10.313 ppbv
RT: 8.159 min Scan# 1728
Delta R.T. 0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



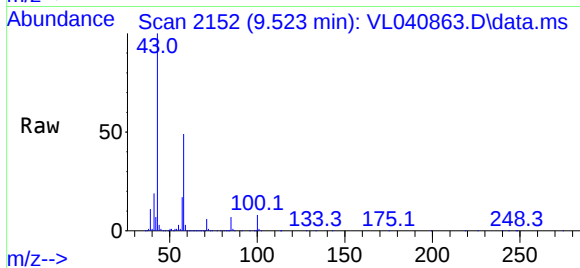
Tgt Ion: 43 Resp: 2243550
Ion Ratio Lower Upper
43 100
58 34.3 27.8 41.6





#51
2-Hexanone
Concen: 10.852 ppbv
RT: 9.523 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

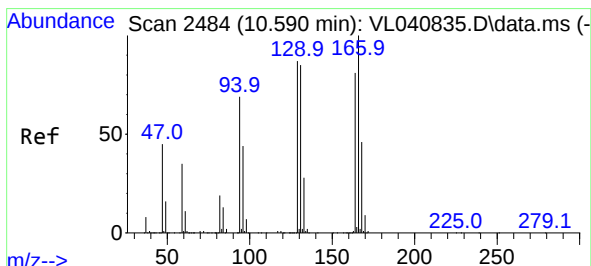
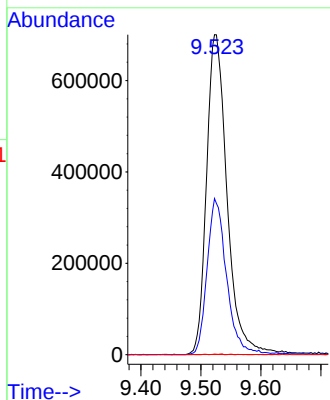
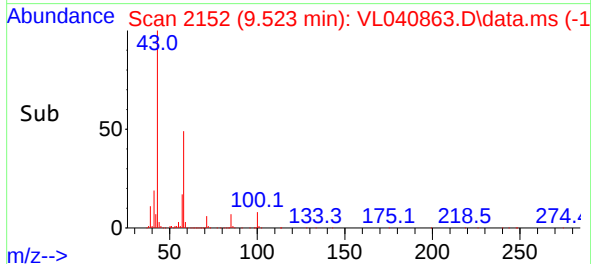
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



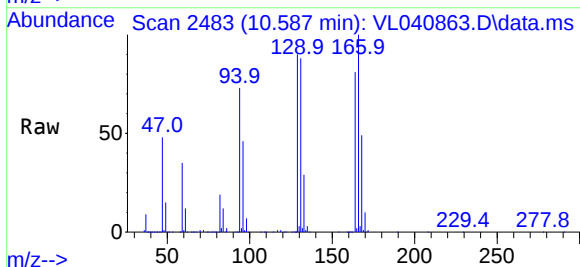
Tgt Ion: 43 Resp: 1664210
Ion Ratio Lower Upper
43 100
58 46.9 37.4 56.2
98 0.1 0.2 0.2

Manual Integrations
APPROVED

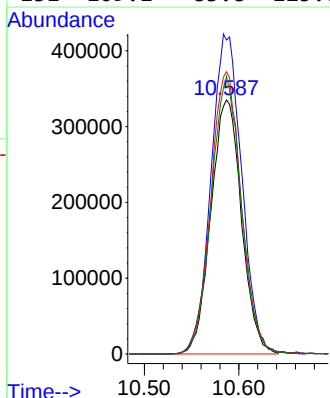
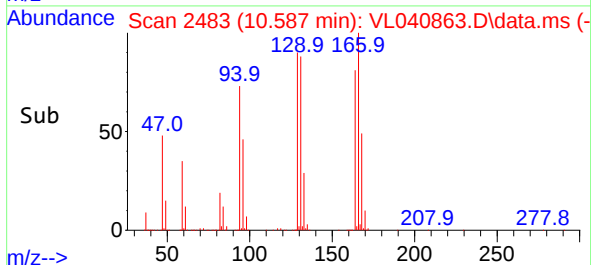
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

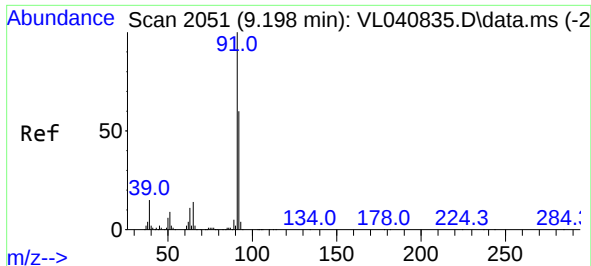


#52
Tetrachloroethene
Concen: 9.959 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. -0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



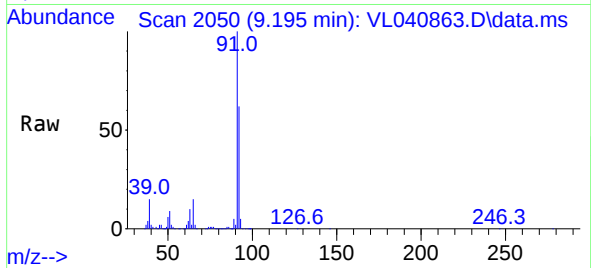
Tgt Ion:164 Resp: 751066
Ion Ratio Lower Upper
164 100
166 123.2 98.3 147.5
129 110.7 85.1 127.7
131 109.1 83.8 125.6





#53
Toluene
Concen: 10.005 ppbv
RT: 9.195 min Scan# 2050
Delta R.T. -0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

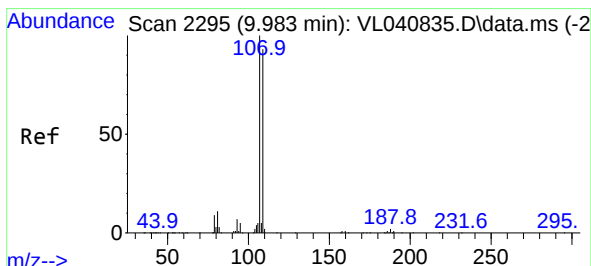
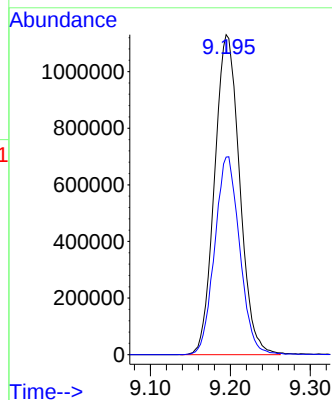
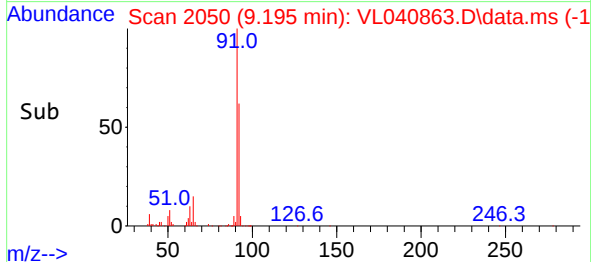
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



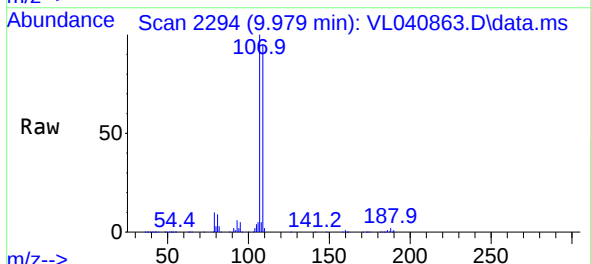
Tgt Ion: 91 Resp: 2465520
Ion Ratio Lower Upper
91 100
92 61.8 49.4 74.2

Manual Integrations
APPROVED

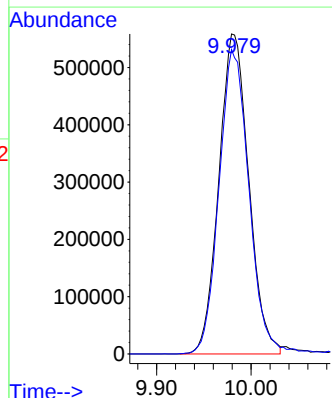
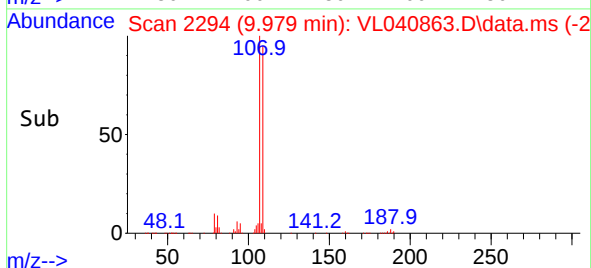
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

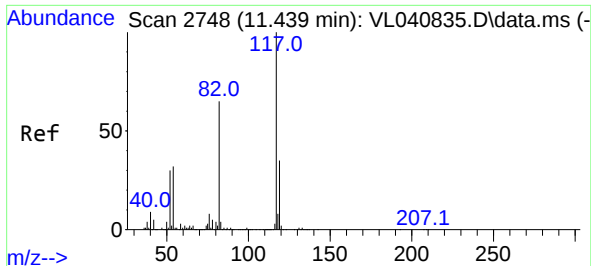


#54
1,2-Dibromoethane
Concen: 10.243 ppbv
RT: 9.979 min Scan# 2294
Delta R.T. -0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



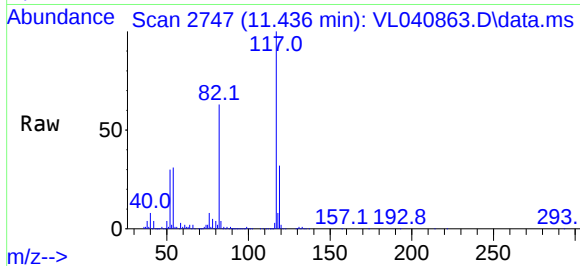
Tgt Ion:107 Resp: 1226503
Ion Ratio Lower Upper
107 100
109 95.0 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.436 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

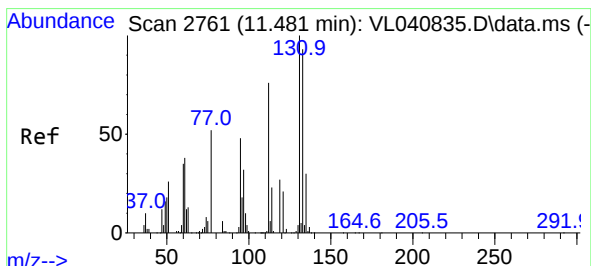
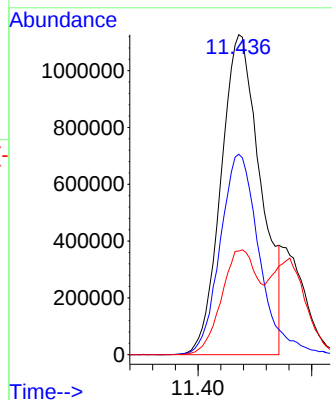
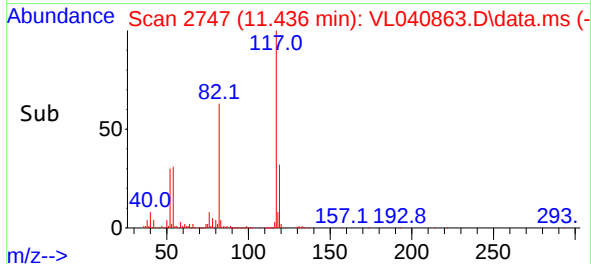
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



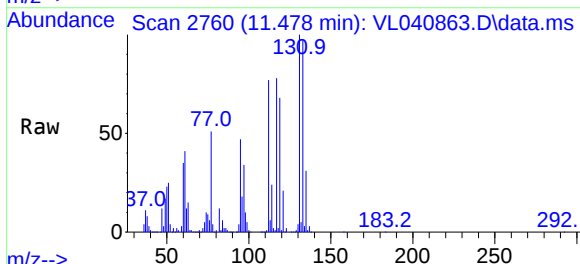
Tgt Ion:117 Resp: 2738929
Ion Ratio Lower Upper
117 100
82 62.2 50.6 75.8
119 28.8 23.3 34.9

Manual Integrations
APPROVED

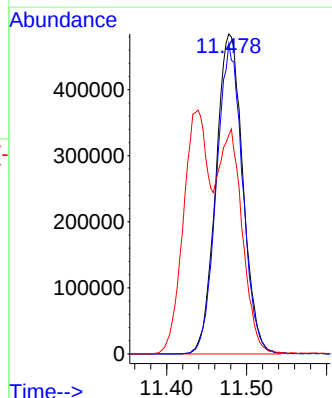
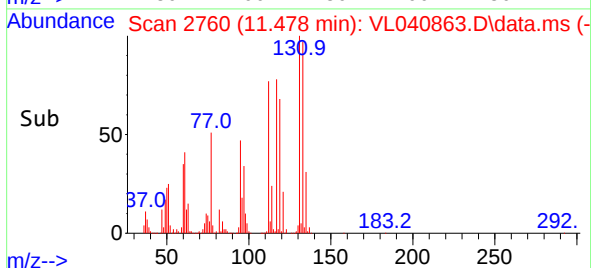
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

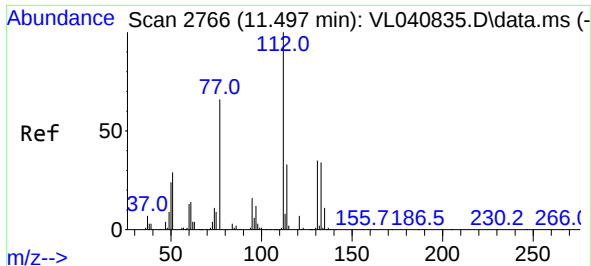


#56
1,1,1,2-Tetrachloroethane
Concen: 9.653 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



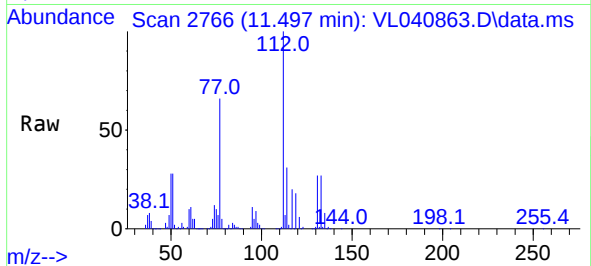
Tgt Ion:131 Resp: 1131497
Ion Ratio Lower Upper
131 100
133 94.2 76.4 114.6
119 59.6 51.1 76.7





#57
Chlorobenzene
Concen: 9.361 ppbv
RT: 11.497 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

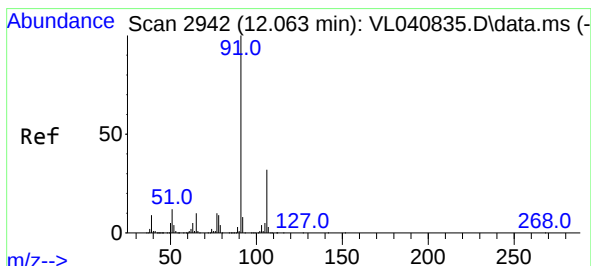
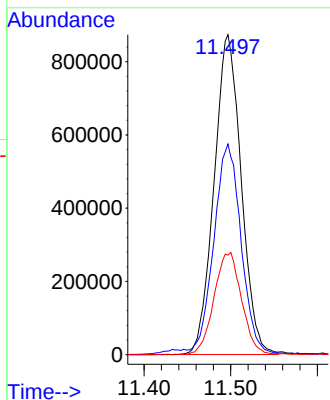
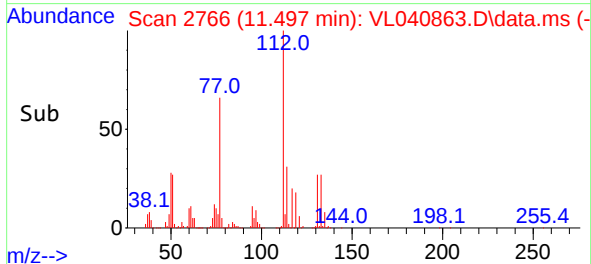
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



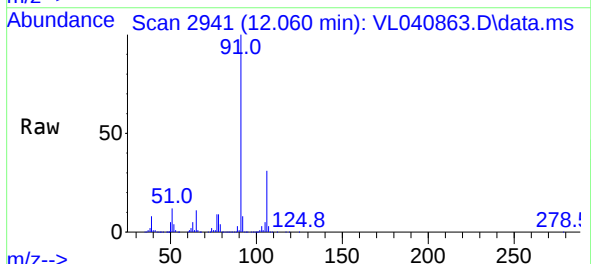
Tgt Ion: 112 Resp: 1900470
Ion Ratio Lower Upper
112 100
77 65.4 53.3 79.9
114 31.1 29.3 35.9

Manual Integrations
APPROVED

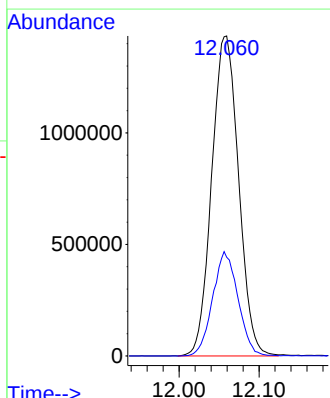
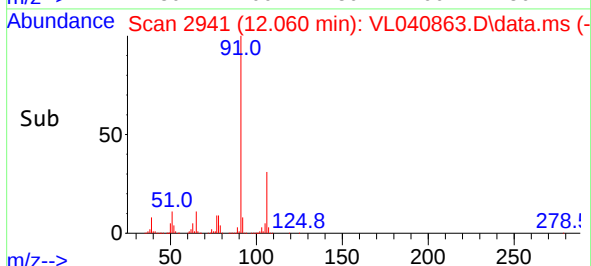
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

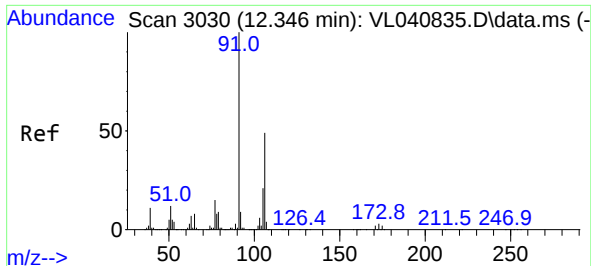


#58
Ethyl Benzene
Concen: 9.359 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. -0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



Tgt Ion: 91 Resp: 3344677
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8





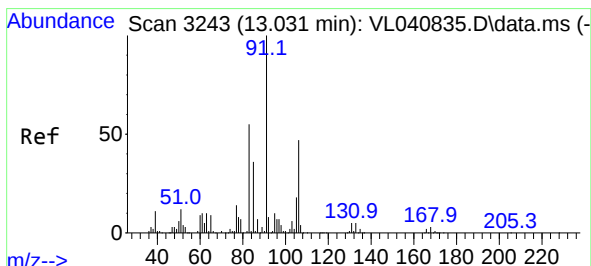
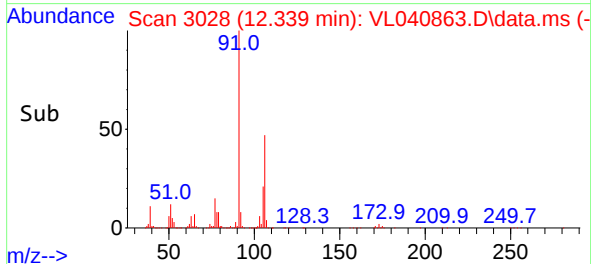
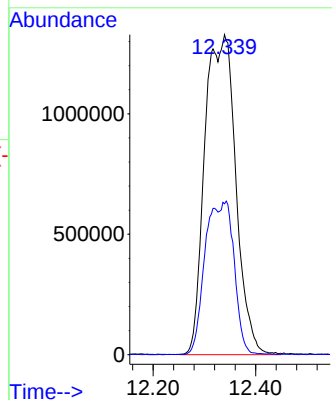
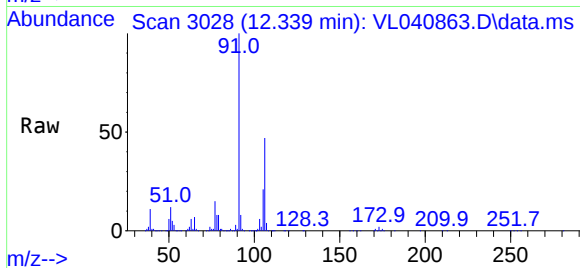
#59
m/p-Xylene
Concen: 18.319 ppbv m
RT: 12.339 min Scan# 3030
Delta R.T. -0.007 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 557477
Ion Ratio Lower Upper
91 100
106 45.0 35.4 53.0

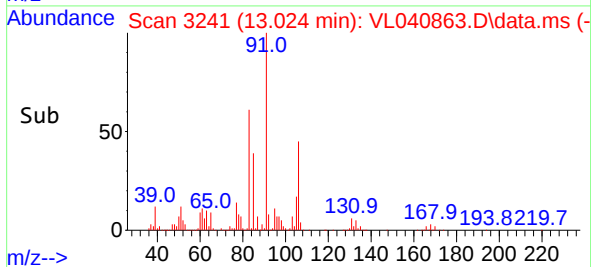
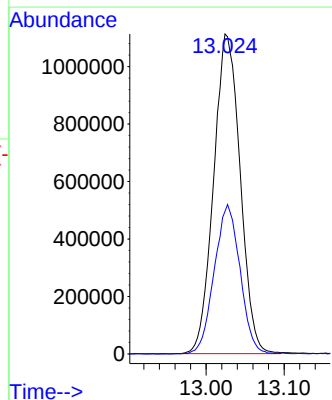
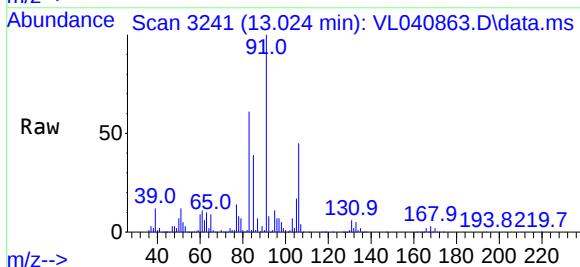
Manual Integrations
APPROVED

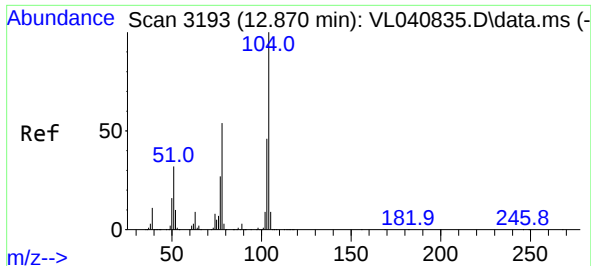
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#60
o-Xylene
Concen: 9.080 ppbv
RT: 13.024 min Scan# 3241
Delta R.T. -0.006 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Tgt Ion: 91 Resp: 2630415
Ion Ratio Lower Upper
91 100
106 45.6 22.9 68.5





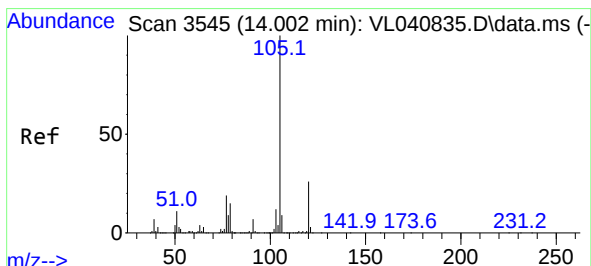
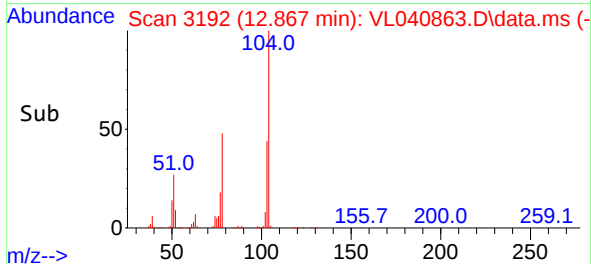
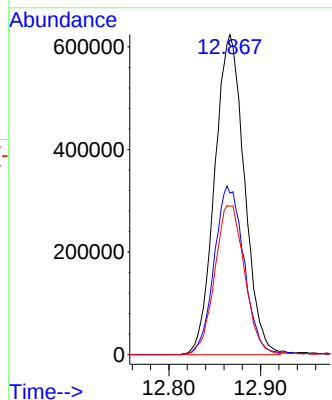
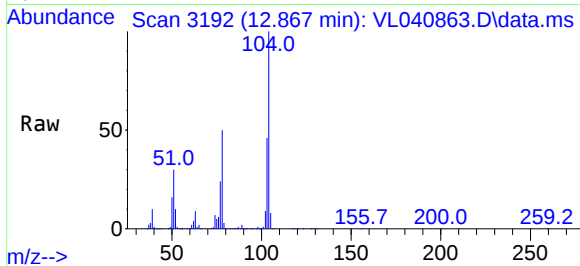
#61
Styrene
Concen: 10.043 ppbv
RT: 12.867 min Scan# 3192
Delta R.T. -0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:104 Resp: 140304
Ion Ratio Lower Upper
104 100
78 53.2 43.3 64.9
103 47.3 37.6 56.4

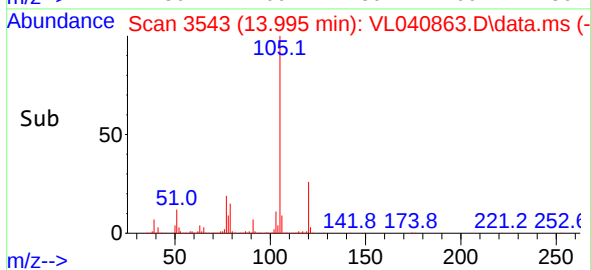
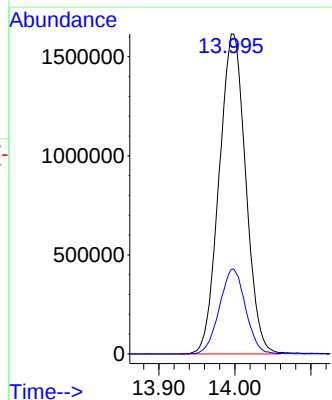
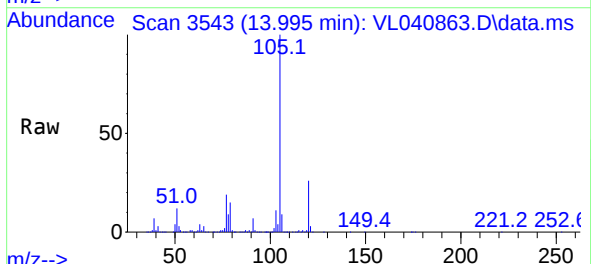
Manual Integrations
APPROVED

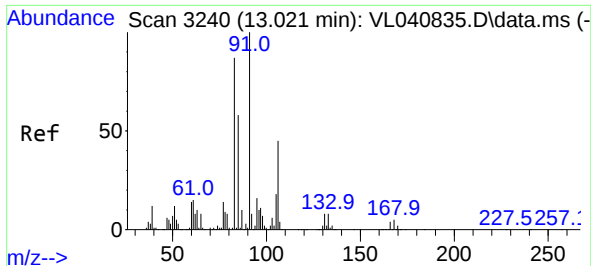
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#62
Isopropylbenzene
Concen: 9.148 ppbv
RT: 13.995 min Scan# 3543
Delta R.T. -0.007 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

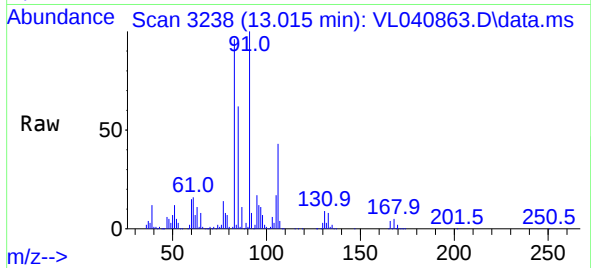
Tgt Ion:105 Resp: 3915474
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.185 ppbv
RT: 13.015 min Scan# 3188
Delta R.T. -0.006 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

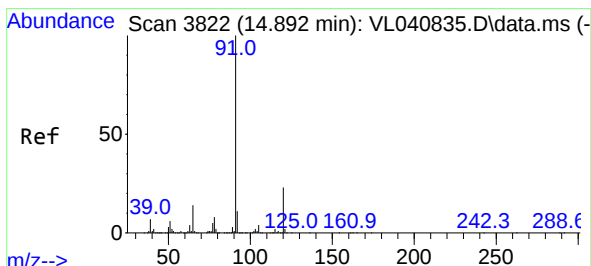
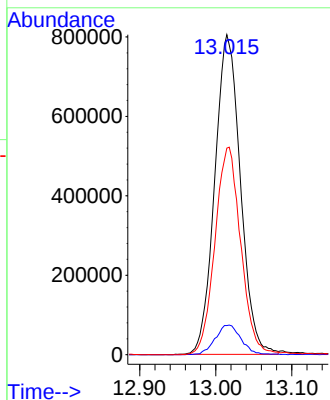
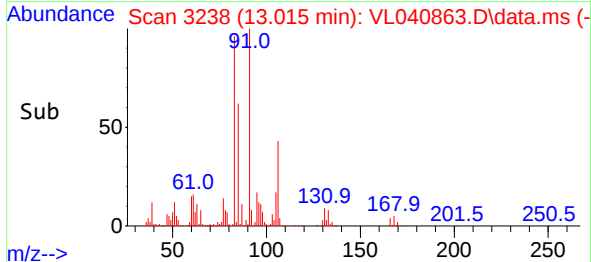
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



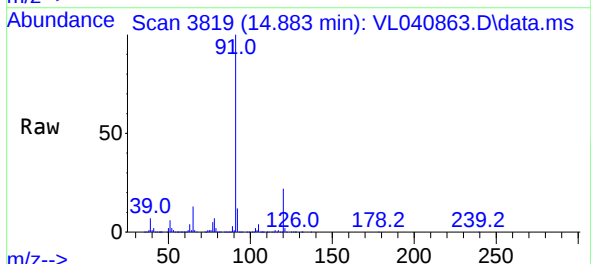
Tgt Ion: 83 Resp: 188603
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.7
85 65.6 32.9 98.7

Manual Integrations
APPROVED

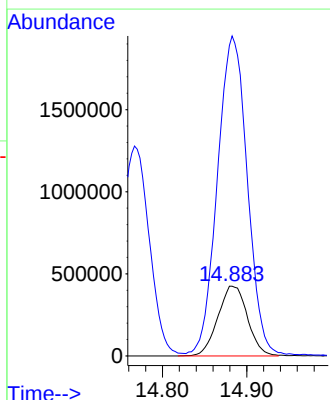
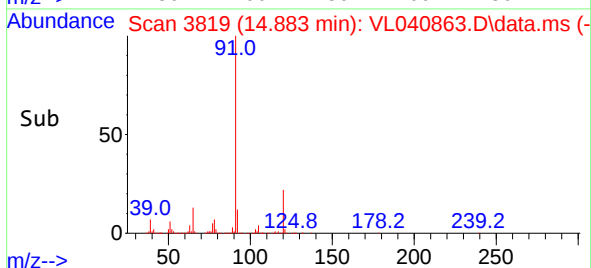
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

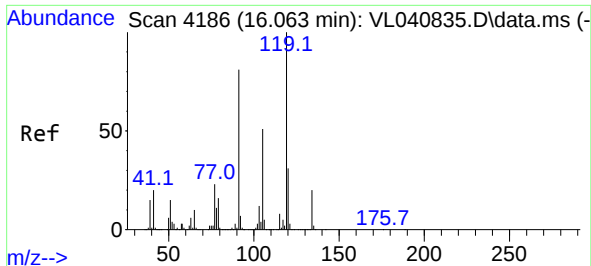


#64
n-propylbenzene
Concen: 9.672 ppbv
RT: 14.883 min Scan# 3819
Delta R.T. -0.010 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



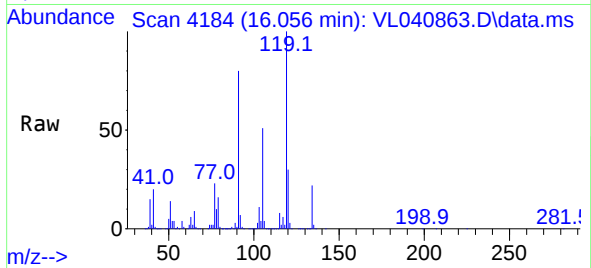
Tgt Ion:120 Resp: 1037508
Ion Ratio Lower Upper
120 100
91 466.3 381.1 571.7





#65
tert-Butylbenzene
Concen: 9.436 ppbv
RT: 16.056 min Scan# 4186
Delta R.T. -0.006 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

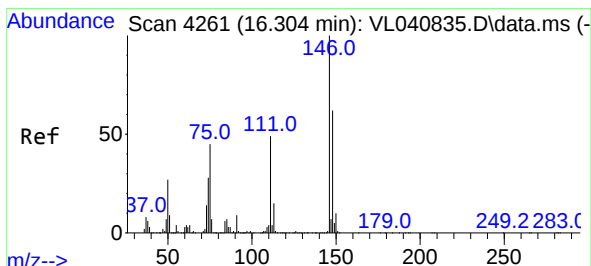
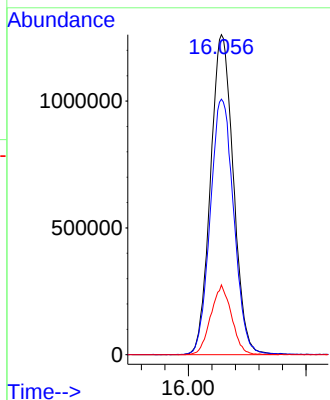
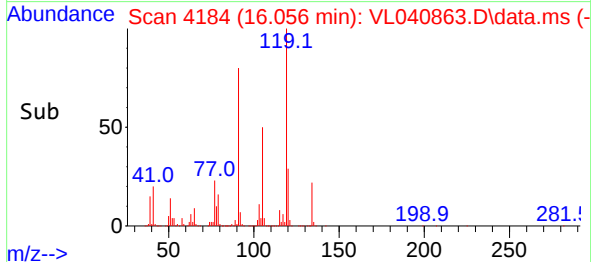
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



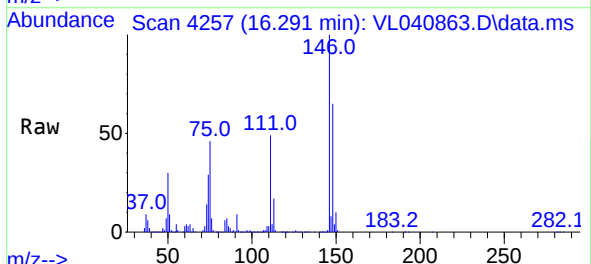
Tgt Ion: 119 Resp: 340546
Ion Ratio Lower Upper
119 100
91 82.4 67.5 101.3
134 19.8 15.9 23.9

Manual Integrations
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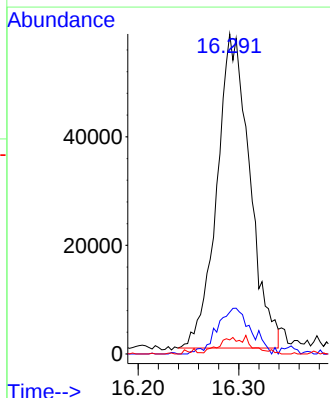
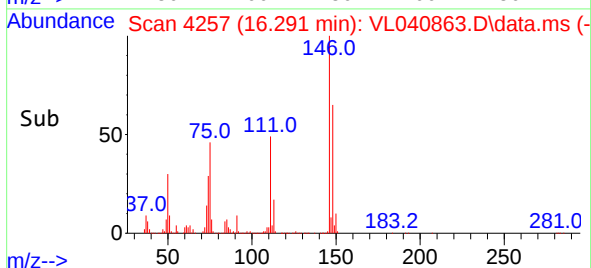
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

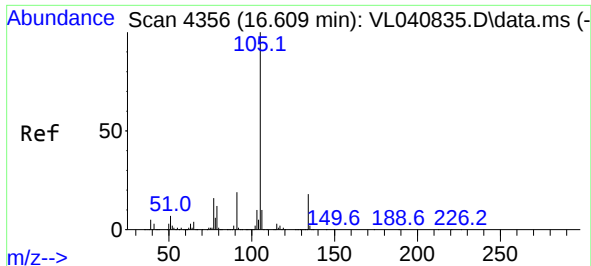


#66
Benzyl Chloride
Concen: 9.888 ppbv
RT: 16.291 min Scan# 4257
Delta R.T. -0.013 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



Tgt Ion: 91 Resp: 131492
Ion Ratio Lower Upper
91 100
126 15.2 12.8 19.2
128 5.7 0.0 0.0#





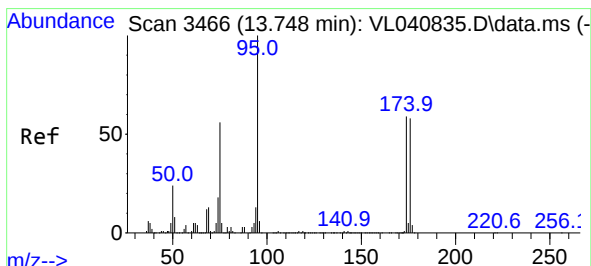
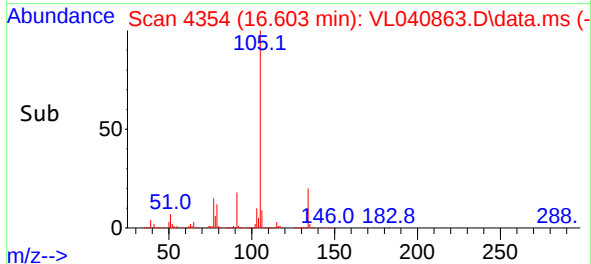
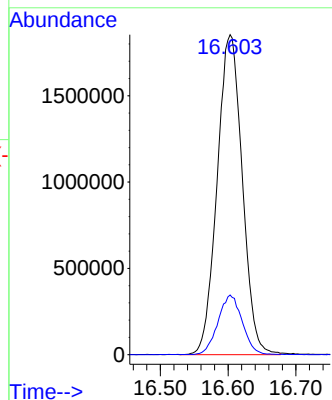
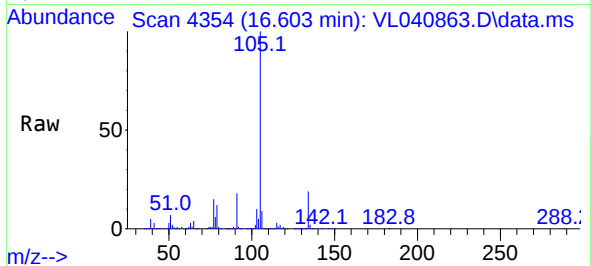
#67
 sec-Butylbenzene
 Concen: 9.258 ppbv
 RT: 16.603 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL040863.D
 Acq: 15 Nov 2023 7:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:105 Resp: 4772714
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.3 21.5

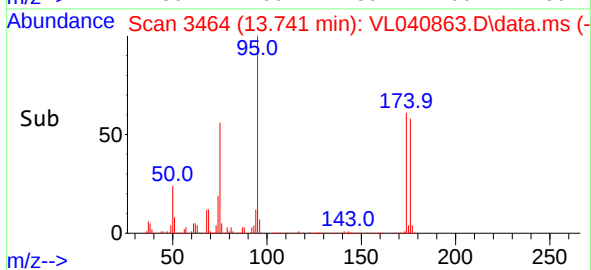
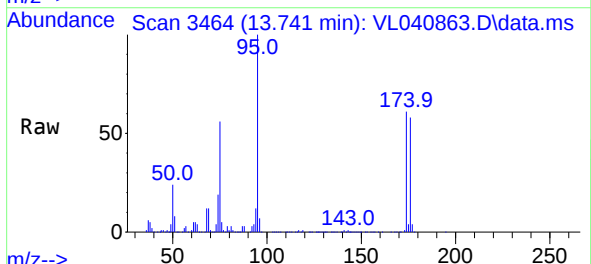
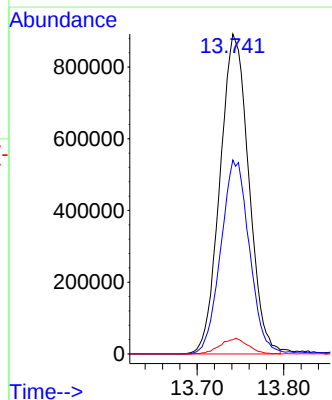
Manual Integrations
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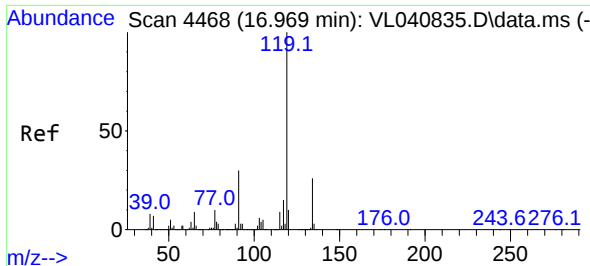
Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.594 ppbv
 RT: 13.741 min Scan# 3464
 Delta R.T. -0.007 min
 Lab File: VL040863.D
 Acq: 15 Nov 2023 7:29

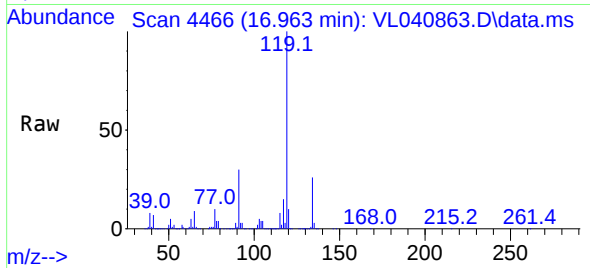
Tgt Ion: 95 Resp: 2057302
 Ion Ratio Lower Upper
 95 100
 174 60.9 47.5 71.3
 175 4.8 3.6 5.4





#69
p-Isopropyltoluene
Concen: 9.474 ppbv
RT: 16.963 min Scan# 4468
Delta R.T. -0.006 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

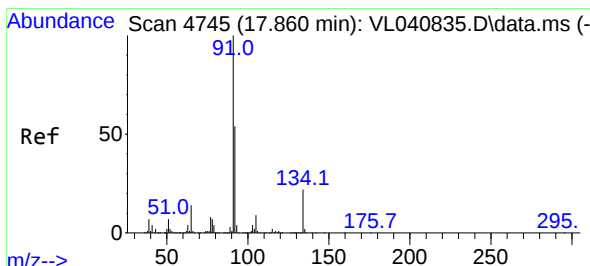
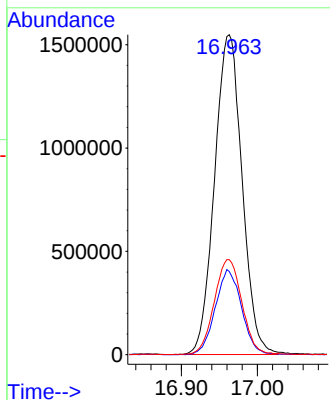
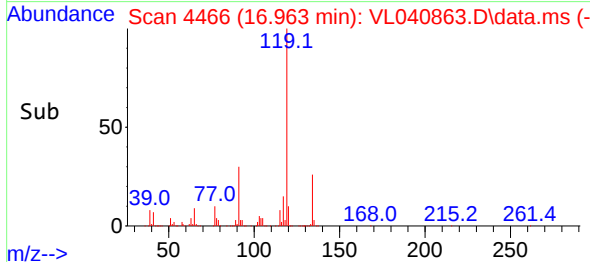
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



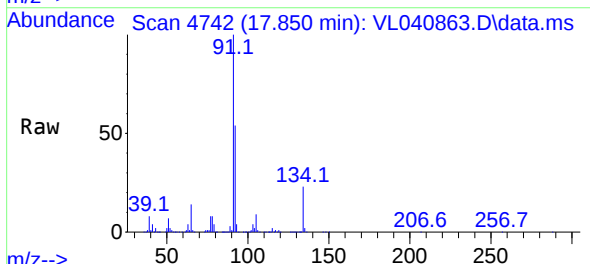
Tgt Ion:119 Resp: 389456
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 29.8 24.7 37.1

Manual Integrations
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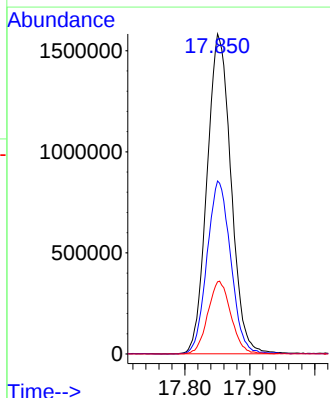
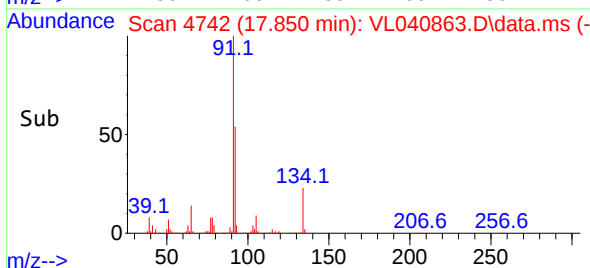
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

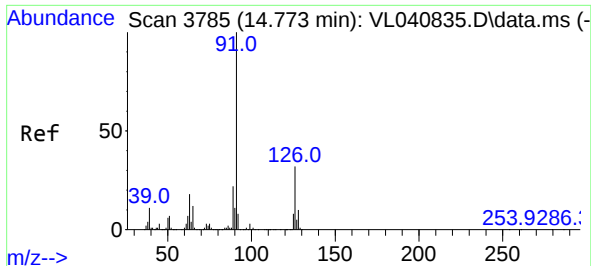


#70
n-Butylbenzene
Concen: 9.340 ppbv
RT: 17.850 min Scan# 4742
Delta R.T. -0.010 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



Tgt Ion: 91 Resp: 4054278
Ion Ratio Lower Upper
91 100
92 53.8 43.4 65.2
134 22.1 17.4 26.0





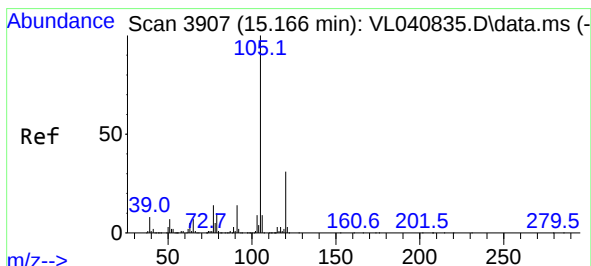
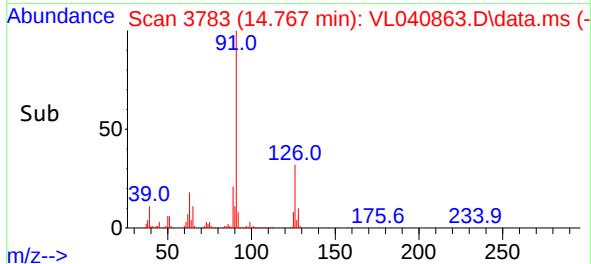
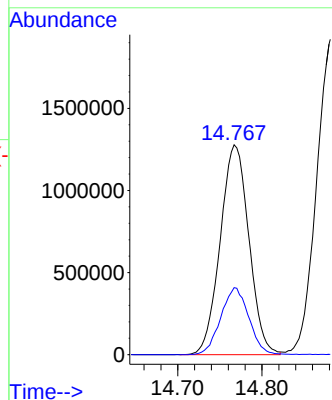
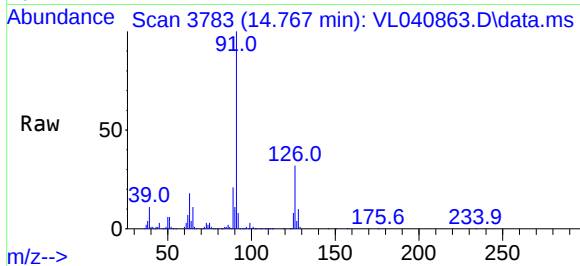
#71
2-Chlorotoluene
Concen: 9.267 ppbv
RT: 14.767 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3023479
Ion Ratio Lower Upper
91 100
126 31.4 12.1 48.5

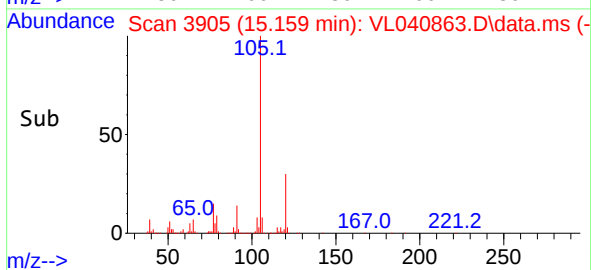
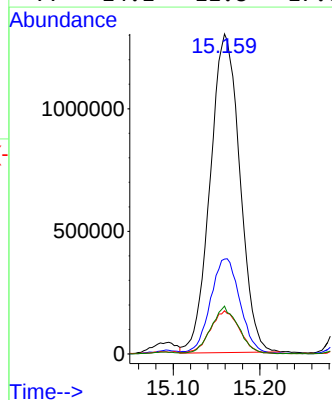
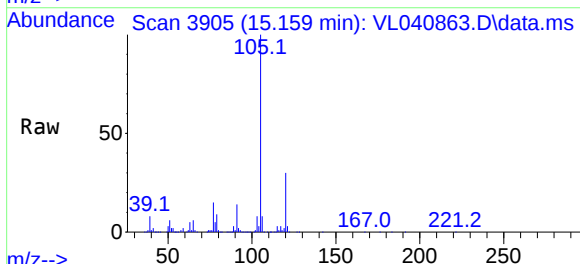
Manual Integrations
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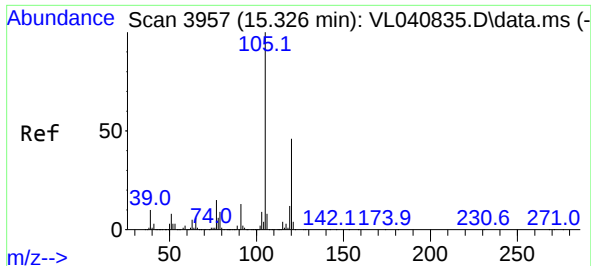
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#72
4-Ethyltoluene
Concen: 9.701 ppbv
RT: 15.159 min Scan# 3905
Delta R.T. -0.007 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

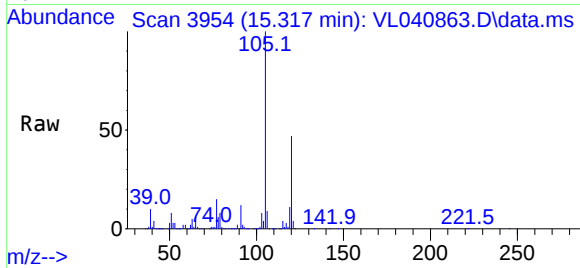
Tgt Ion:105 Resp: 3089337
Ion Ratio Lower Upper
105 100
120 30.9 24.5 36.7
91 13.3 10.6 16.0
77 14.1 11.8 17.6





#73
1,3,5-Trimethylbenzene
Concen: 9.402 ppbv
RT: 15.317 min Scan# 3954
Delta R.T. -0.010 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

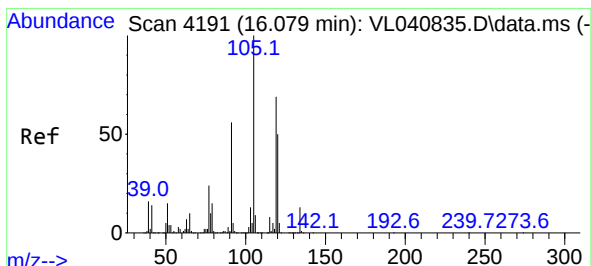
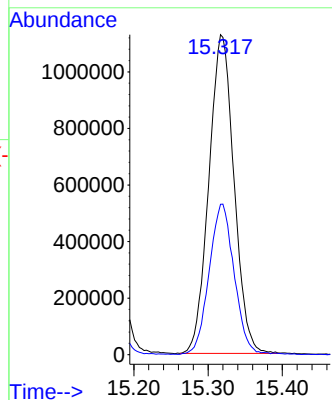
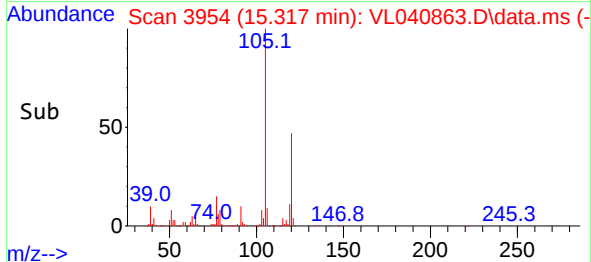
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



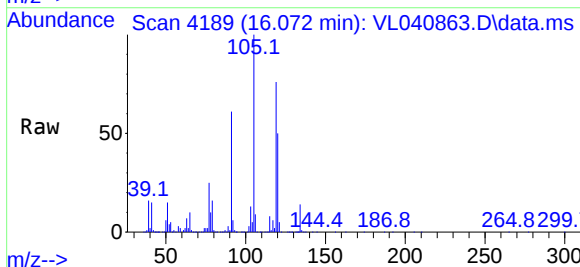
Tgt Ion:105 Resp: 264813
Ion Ratio Lower Upper
105 100
120 47.1 36.8 55.2

Manual Integrations
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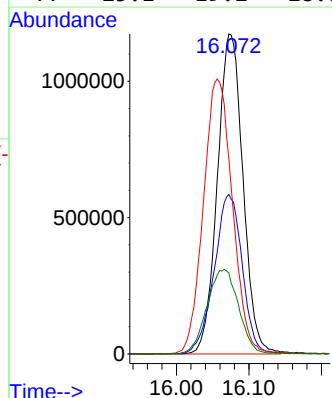
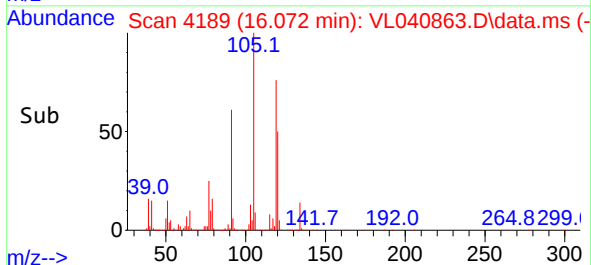
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

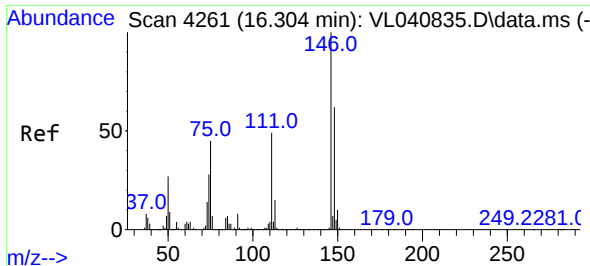


#74
1,2,4-Trimethylbenzene
Concen: 9.144 ppbv
RT: 16.072 min Scan# 4189
Delta R.T. -0.006 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



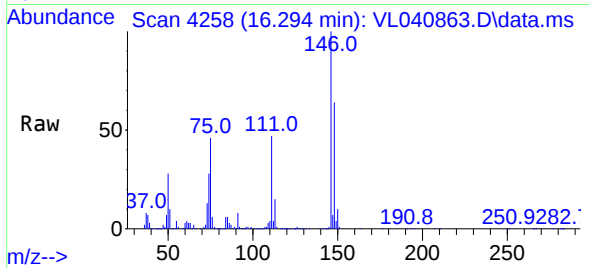
Tgt Ion:105 Resp: 2874197
Ion Ratio Lower Upper
105 100
120 49.7 40.2 60.2
91 60.9 45.7 68.5
77 25.1 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 9.529 ppbv
RT: 16.294 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

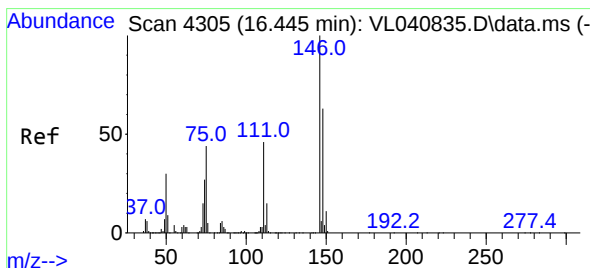
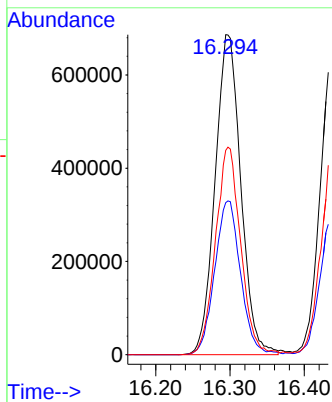
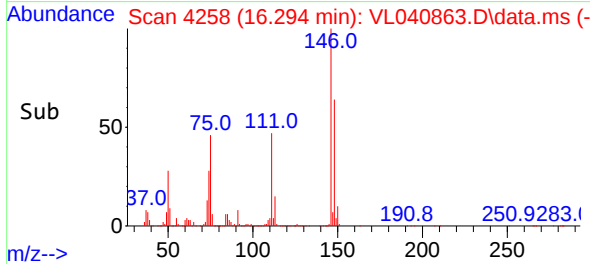
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



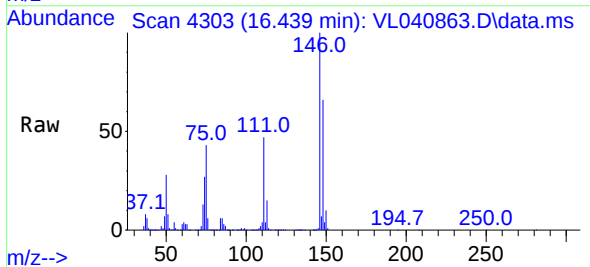
Tgt Ion:146 Resp: 1653850
Ion Ratio Lower Upper
146 100
111 48.3 24.9 74.8
148 63.8 32.1 96.5

Manual Integrations
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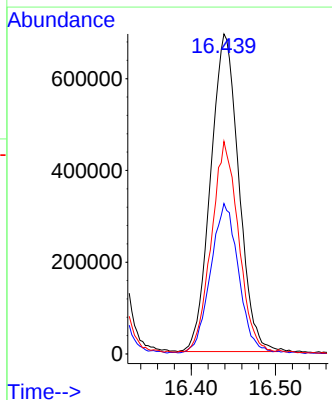
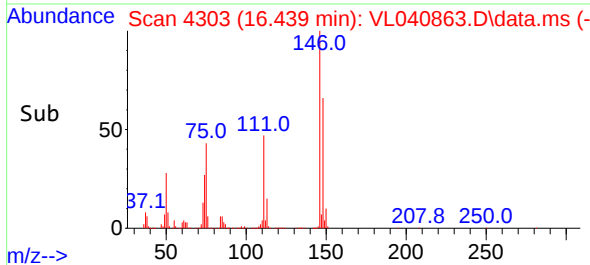
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

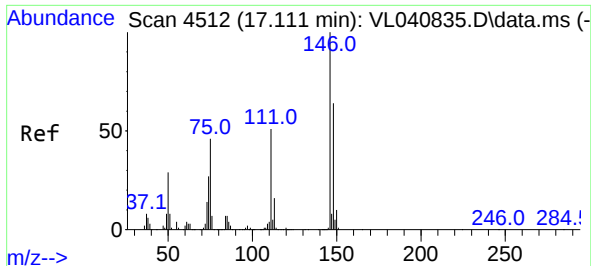


#76
1,4-Dichlorobenzene
Concen: 9.675 ppbv
RT: 16.439 min Scan# 4303
Delta R.T. -0.006 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



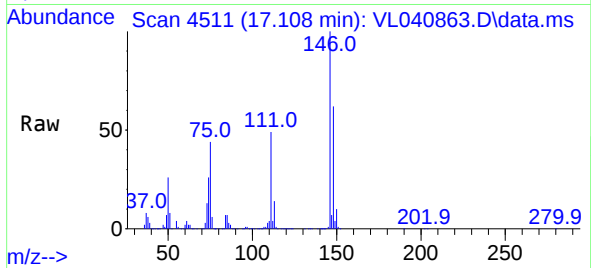
Tgt Ion:146 Resp: 1607496
Ion Ratio Lower Upper
146 100
111 48.3 24.1 72.4
148 65.3 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 9.386 ppbv
RT: 17.108 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

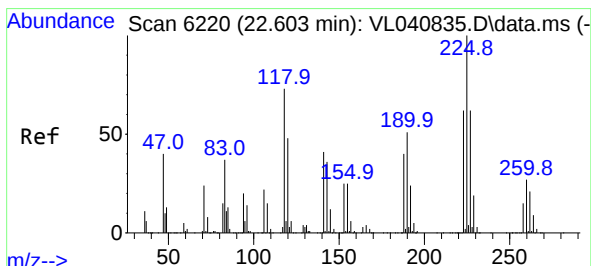
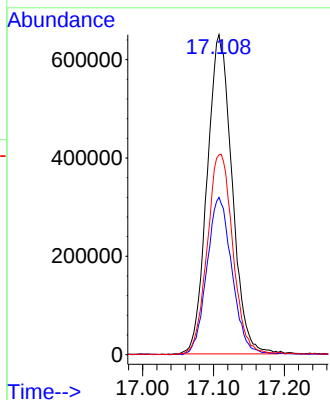
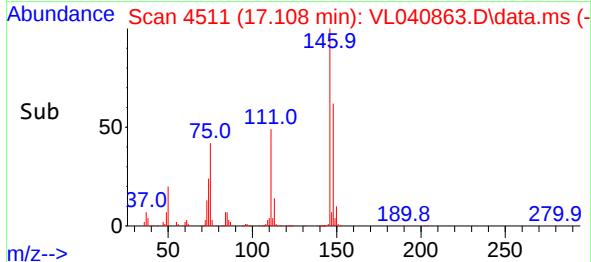
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



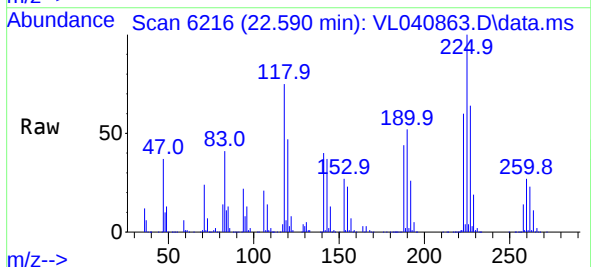
Tgt Ion:146 Resp: 158383
Ion Ratio Lower Upper
146 100
111 50.2 25.7 77.1
148 64.9 32.3 96.9

Manual Integrations
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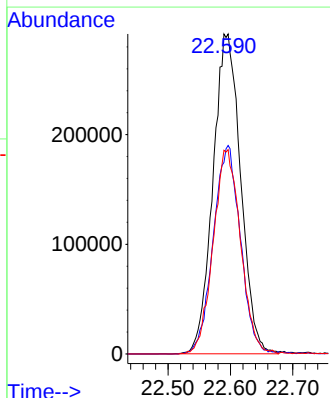
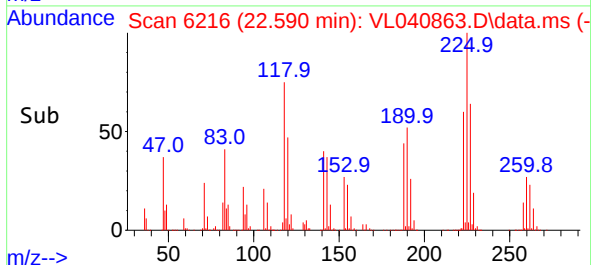
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

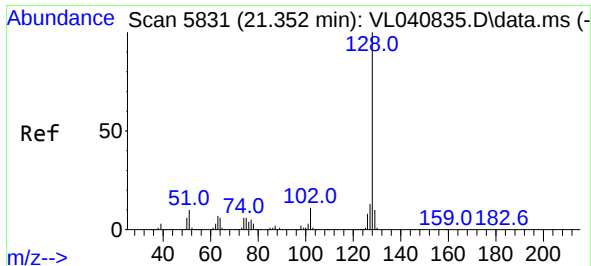


#78
Hexachloro-1,3-Butadiene
Concen: 8.496 ppbv
RT: 22.590 min Scan# 6216
Delta R.T. -0.013 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



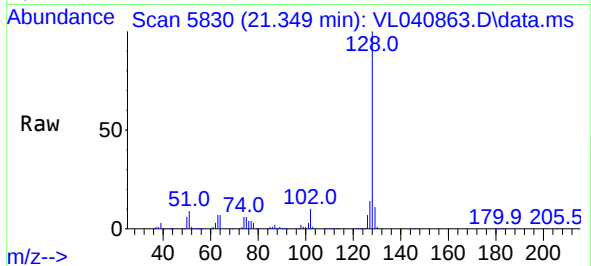
Tgt Ion:225 Resp: 897635
Ion Ratio Lower Upper
225 100
223 64.3 51.1 76.7
227 63.4 50.8 76.2





#79
Naphthalene
Concen: 12.742 ppbv
RT: 21.349 min Scan# 5831
Delta R.T. -0.003 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29

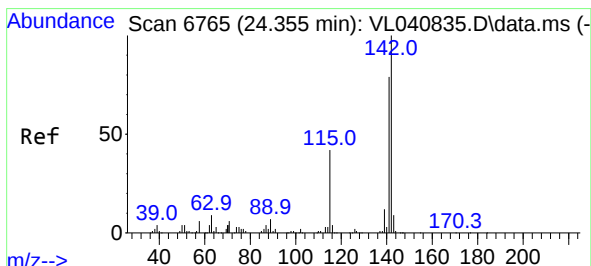
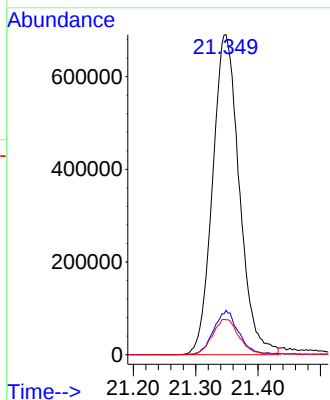
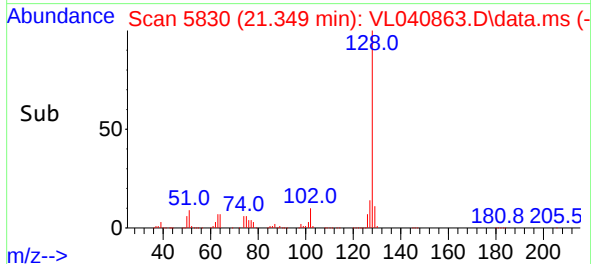
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



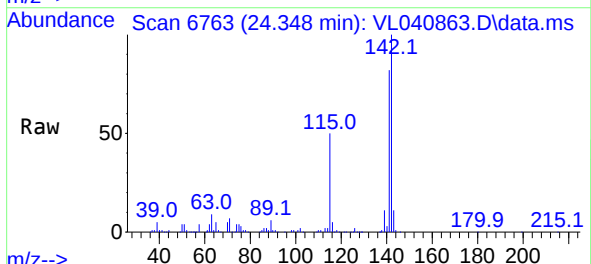
Tgt Ion:128 Resp: 205850
Ion Ratio Lower Upper
128 100
127 13.9 10.0 15.0
129 10.9 8.3 12.5

Manual Integrations
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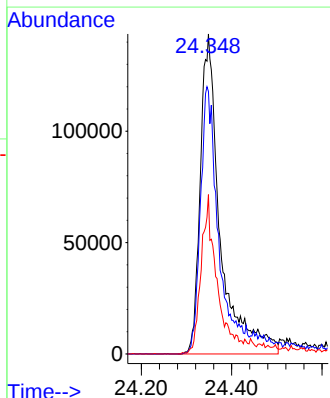
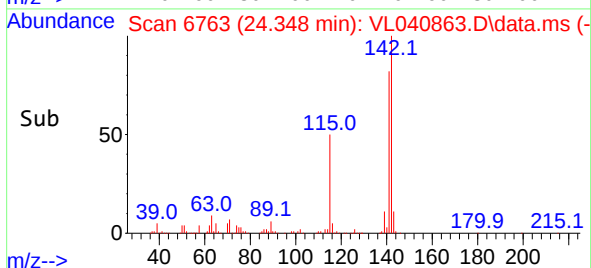
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

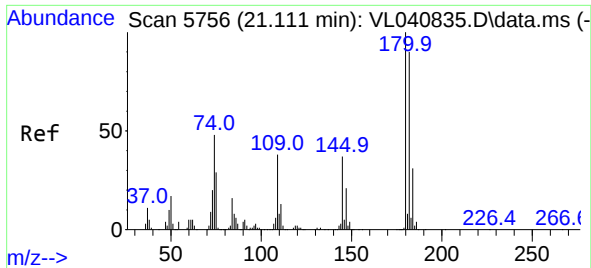


#80
Naphthalene,2-methyl-
Concen: 15.473 ppbv
RT: 24.348 min Scan# 6763
Delta R.T. -0.006 min
Lab File: VL040863.D
Acq: 15 Nov 2023 7:29



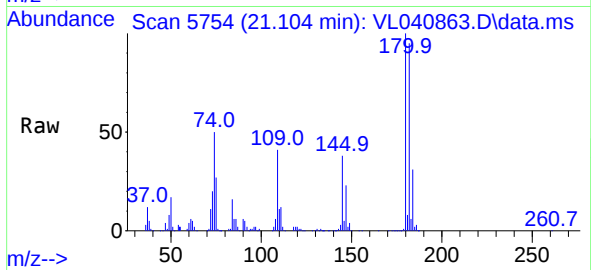
Tgt Ion:142 Resp: 441256
Ion Ratio Lower Upper
142 100
141 76.6 65.8 98.8
115 43.9 35.6 53.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.425 ppbv
 RT: 21.104 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VL040863.D
 Acq: 15 Nov 2023 7:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 102388
 Ion Ratio Lower Upper
 180 100
 182 99.7 77.6 116.4
 184 30.5 24.2 36.2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

