

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
 Data File : VL040865.D
 Acq On : 15 Nov 2023 10:52
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/20/2023
 Supervised By : Mahesh Dadoda 11/21/2023

Quant Time: Nov 15 11:31:06 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri 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	1048557	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.639	114	2712589	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2527515	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.741 95 2008943 10.152 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.751	85	1972610	9.280	ppbv	100
3) Chlorodifluoromethane	2.697	51	1577502	9.423	ppbv	99
4) Chloromethane	2.835	50	571170	9.488	ppbv	99
5) Vinyl Chloride	2.938	62	611498	10.213	ppbv	98
6) Bromomethane	3.134	94	215044	9.409	ppbv	100
7) Chloroethane	3.211	64	209472	10.104	ppbv	98
8) Dichlorotetrafluoroethane	2.877	85	1446187	9.422	ppbv	100
9) Propene	2.716	41	548500	9.722	ppbv	100
10) Heptane	7.562	43	1368129	9.857	ppbv	99
11) Trichlorofluoromethane	3.571	101	1547410	9.474	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.070	101	1106727	9.538	ppbv	99
13) Ethanol	3.253	45	85062	7.764	ppbv #	100
14) Bromoethene	3.378	108	452516	9.696	ppbv	97
15) Acetone	3.478	43	1075484	9.630	ppbv	100
16) 1,3-Butadiene	3.002	39	588114	10.409	ppbv	100
17) tert-Butyl alcohol	3.883	59	867072	9.079	ppbv	98
18) 1,1-Dichloroethene	3.886	96	493423	9.541	ppbv	96
19) Isopropyl Alcohol	3.584	45	620152	9.227	ppbv #	98
20) Methylene Chloride	3.941	84	396144	8.596	ppbv	92
21) Allyl Chloride	4.002	41	700655	9.804	ppbv	99
22) trans-1,2-Dichloroethene	4.446	96	626086	10.667	ppbv	94
23) Vinyl Acetate	4.626	43	1569424	10.883	ppbv	100
24) 1,1-Dichloroethane	4.562	63	1313513	10.219	ppbv	99
25) Ethyl Acetate	5.195	43	2292436	9.914	ppbv	100
26) Hexane	5.205	57	984930	9.624	ppbv	99
27) Carbon Disulfide	4.128	76	1239961	9.555	ppbv	97
28) Methyl tert-Butyl Ether	4.584	73	944815	10.208	ppbv	99
29) Chloroform	5.269	83	1644087	9.479	ppbv	97
30) Cyclohexane	6.584	84	860539	9.774	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	1050092	10.369	ppbv	96
32) 1,1,1-Trichloroethane	5.992	97	1646086	10.172	ppbv	99
34) 2-Butanone	4.780	43	1426197	10.321	ppbv	99
35) Carbon Tetrachloride	6.478	117	1737709	10.441	ppbv	99
36) Benzene	6.356	78	2137763	9.710	ppbv	98
37) 1,2-Dichloroethane	5.796	62	1264604	9.739	ppbv	100
38) Trichloroethene	7.272	130	818432	9.564	ppbv	98
39) 1,2-Dichloropropane	7.053	63	843379	9.662	ppbv	96
40) 1,4-Dioxane	7.269	88	309780	8.944	ppbv #	56
41) Tetrahydrofuran	5.546	42	891531	10.479	ppbv	99
42) Bromodichloromethane	7.230	83	1827024	9.832	ppbv	98
43) Methyl Methacrylate	7.455	69	885887	10.560	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	3527767	9.647	ppbv	99
45) t-1,3-Dichloropropene	8.684	75	576491	11.694	ppbv	99

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Manual Integrations
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 Supervised By :Mahesh Dadoda 11/21/2023

Quant Time: Nov 15 11:31:06 2023

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

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

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

Response via : Initial Calibration

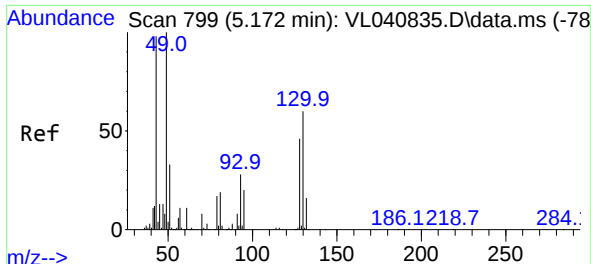
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	698259	10.923	ppbv	96
47) 1,1,2-Trichloroethane	8.873	97	884125	9.666	ppbv	98
48) Dibromochloromethane	9.684	129	1579114	10.405	ppbv	99
49) Bromoform	12.375	173	1238835	10.852	ppbv	100
50) 4-Methyl-2-Pentanone	8.160	43	2208918	10.329	ppbv	100
51) 2-Hexanone	9.523	43	1630539	10.816	ppbv	100
52) Tetrachloroethene	10.587	164	745056	10.050	ppbv	96
53) Toluene	9.195	91	2445228	10.093	ppbv	100
54) 1,2-Dibromoethane	9.979	107	1228210	10.434	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.481	131	1108432	10.247	ppbv	97
57) Chlorobenzene	11.497	112	1887758	10.077	ppbv	99
58) Ethyl Benzene	12.060	91	3320358	10.068	ppbv	100
59) m/p-Xylene	12.339	91	5533104m	19.703	ppbv	
60) o-Xylene	13.024	91	2626187	9.823	ppbv	99
61) Styrene	12.867	104	1390822	10.788	ppbv	99
62) Isopropylbenzene	13.999	105	3890737	9.851	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.015	83	1870475	9.872	ppbv	100
64) n-propylbenzene	14.886	120	1012520	10.228	ppbv	98
65) tert-Butylbenzene	16.056	119	3359096	10.086	ppbv	99
66) Benzyl Chloride	16.288	91	139040m	11.330	ppbv	
67) sec-Butylbenzene	16.600	105	4730850	9.944	ppbv	100
69) p-Isopropyltoluene	16.960	119	3859599	10.174	ppbv	99
70) n-Butylbenzene	17.854	91	3992835	9.968	ppbv	99
71) 2-Chlorotoluene	14.767	91	2990337	9.932	ppbv	98
72) 4-Ethyltoluene	15.159	105	3034691	10.326	ppbv	99
73) 1,3,5-Trimethylbenzene	15.320	105	2633825	10.134	ppbv	100
74) 1,2,4-Trimethylbenzene	16.072	105	2837325	9.782	ppbv	98
75) 1,3-Dichlorobenzene	16.297	146	1634113	10.203	ppbv	99
76) 1,4-Dichlorobenzene	16.439	146	1595530	10.406	ppbv	99
77) 1,2-Dichlorobenzene	17.108	146	1540227	9.891	ppbv	99
78) Hexachloro-1,3-Butadiene	22.593	225	871224	8.935	ppbv	99
79) Naphthalene	21.346	128	1875646	12.582	ppbv	98
80) Naphthalene,2-methyl-	24.345	142	312644	11.880	ppbv	95
81) 1,2,4-Trichlorobenzene	21.104	180	977910	10.790	ppbv	100

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

Manual Integrations APPROVED

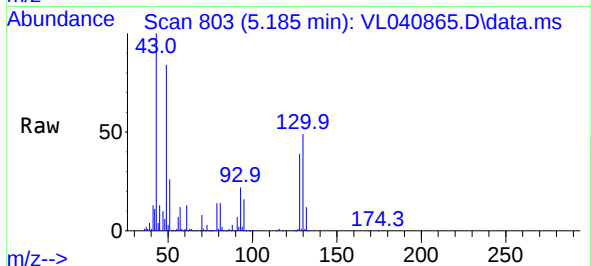
Quant Time: Nov 15 11:31:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon Nov 13 15:42:46 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

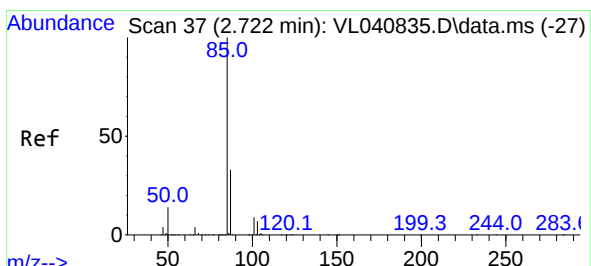
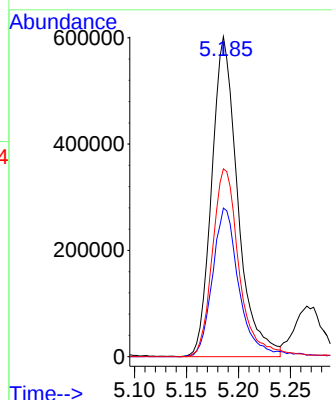
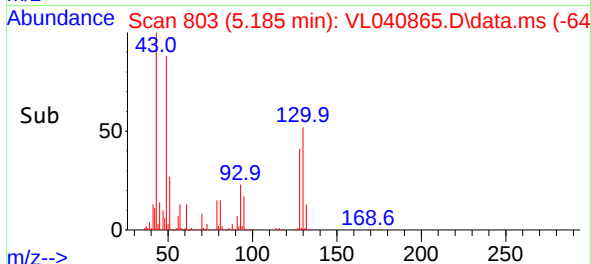
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



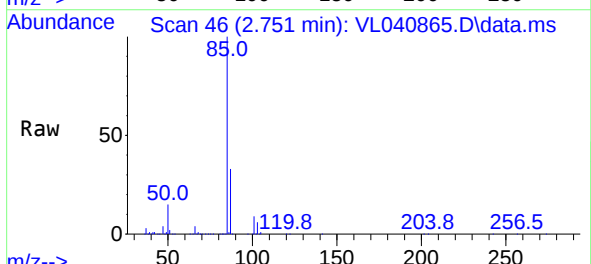
Tgt Ion: 49 Resp: 104855
Ion Ratio Lower Upper
49 100
128 48.4 23.8 71.2
130 61.8 30.9 92.8

Manual Integrations
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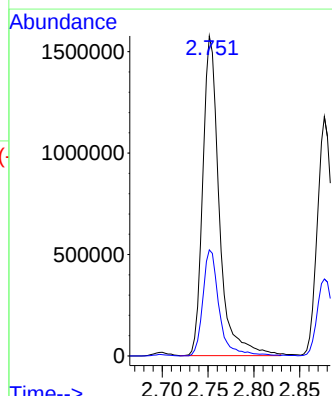
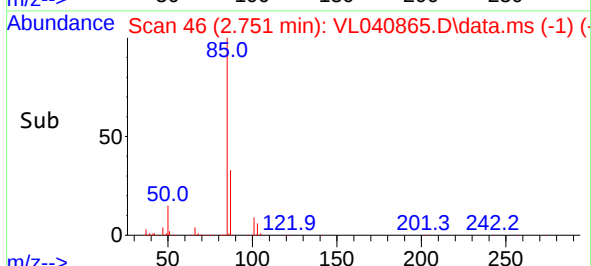
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

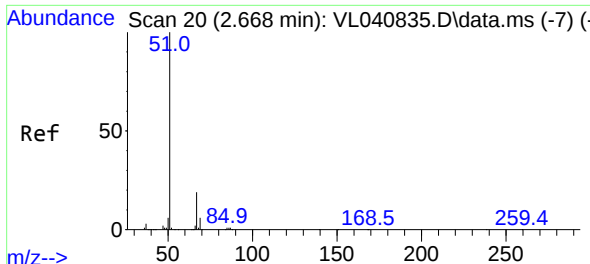


#2
Dichlorodifluoromethane
Concen: 9.280 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.029 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



Tgt Ion: 85 Resp: 1972610
Ion Ratio Lower Upper
85 100
87 33.2 26.7 40.1





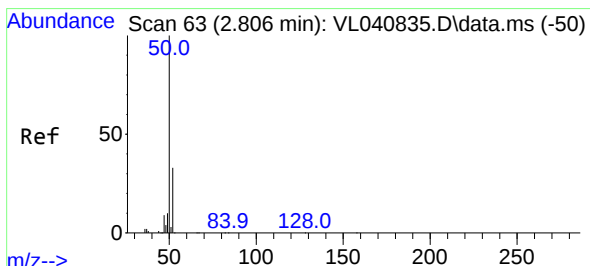
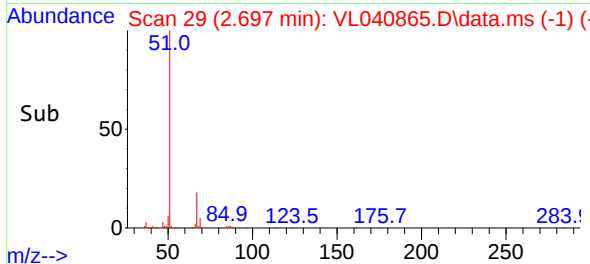
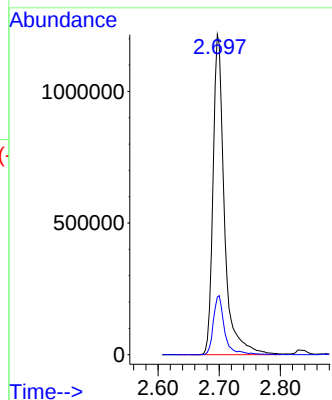
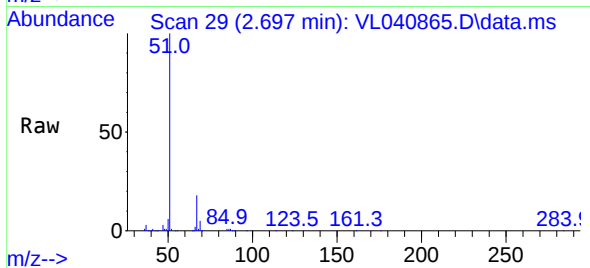
#3
Chlorodifluoromethane
Concen: 9.423 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.029 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 157750
Ion Ratio Lower Upper
51 100
67 18.2 15.0 22.4

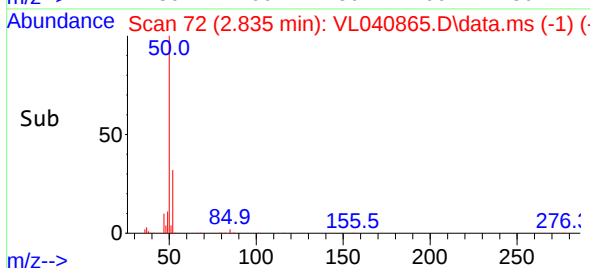
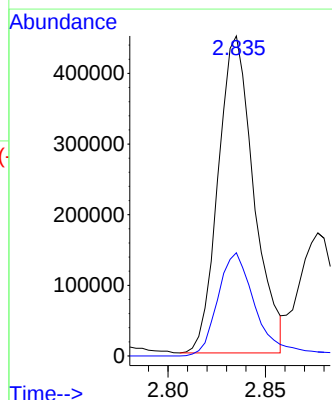
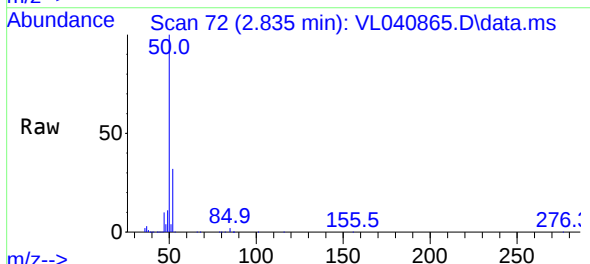
Manual Integrations
APPROVED

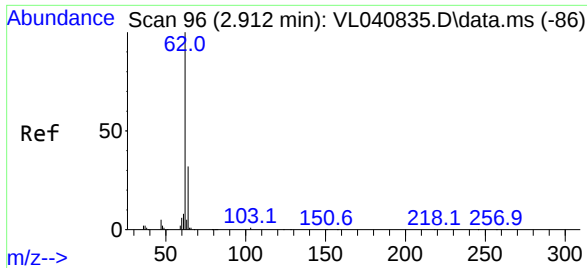
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#4
Chloromethane
Concen: 9.488 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.029 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Tgt Ion: 50 Resp: 571170
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7





#5
 Vinyl Chloride
 Concen: 10.213 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.026 min
 Lab File: VL040865.D
 Acq: 15 Nov 2023 10:52

Instrument :

MSVOA_L

ClientSampleId :

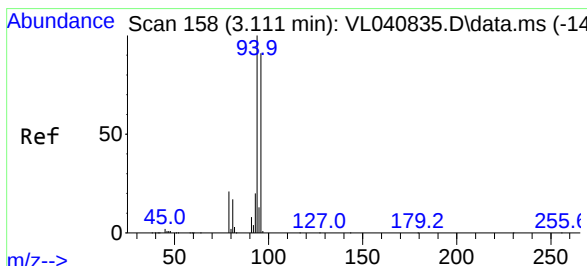
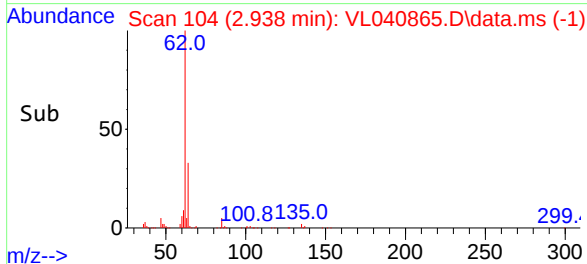
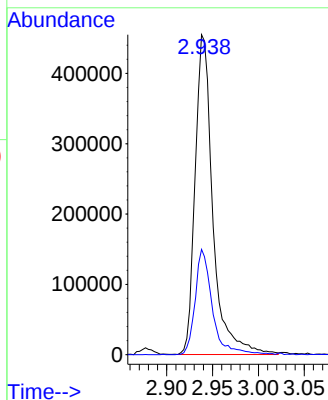
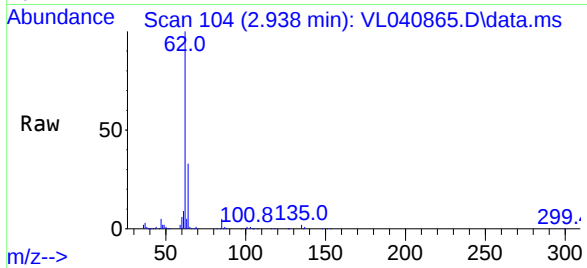
VSTDCCC010

Tgt Ion: 62 Resp: 611498
 Ion Ratio Lower Upper
 62 100
 64 32.9 25.4 38.2

Manual Integrations

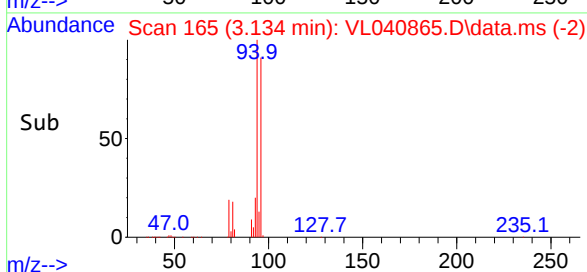
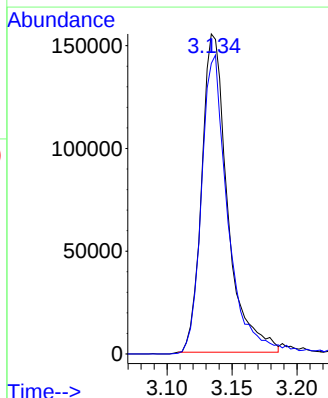
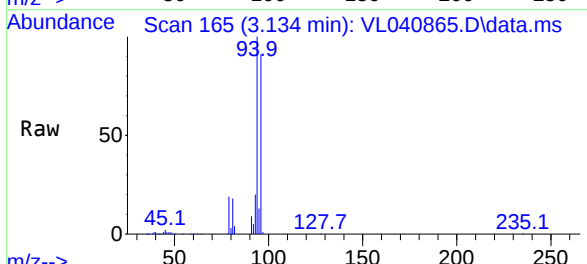
APPROVED

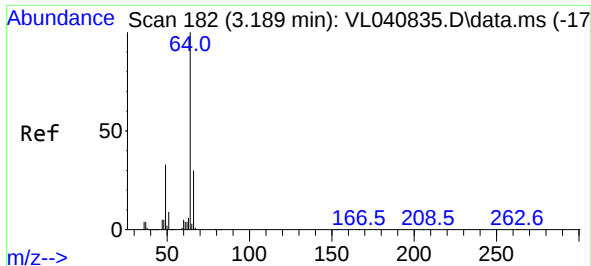
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023



#6
 Bromomethane
 Concen: 9.409 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. 0.023 min
 Lab File: VL040865.D
 Acq: 15 Nov 2023 10:52

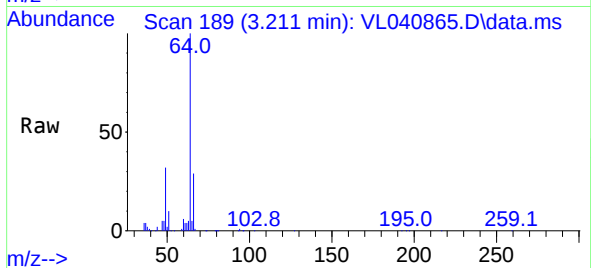
Tgt Ion: 94 Resp: 215044
 Ion Ratio Lower Upper
 94 100
 96 91.1 73.0 109.4





#7
Chloroethane
Concen: 10.104 ppbv
RT: 3.211 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

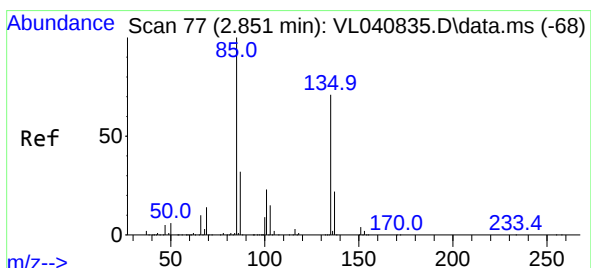
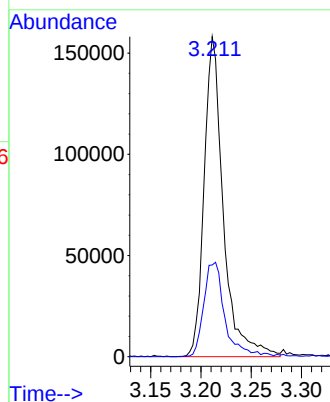
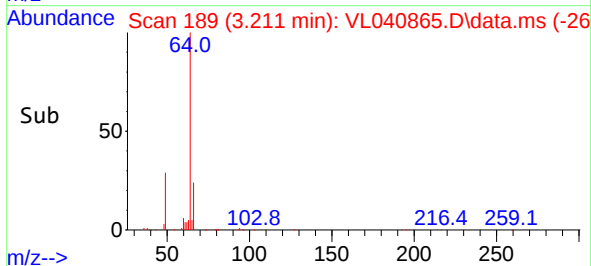
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



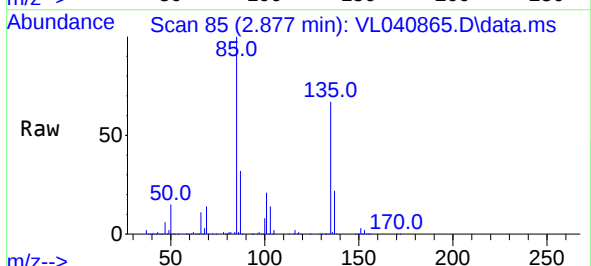
Tgt Ion: 64 Resp: 209472
Ion Ratio Lower Upper
64 100
66 28.7 23.8 35.6

Manual Integrations
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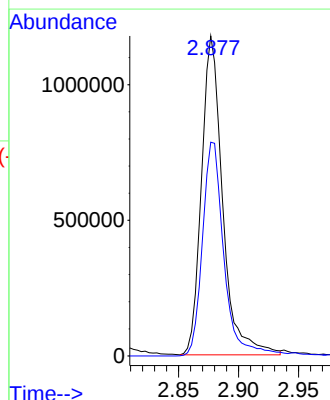
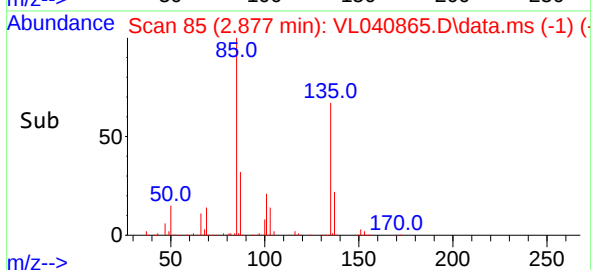
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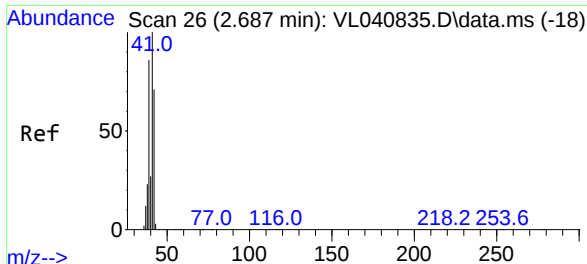


#8
Dichlorotetrafluoroethane
Concen: 9.422 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.026 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



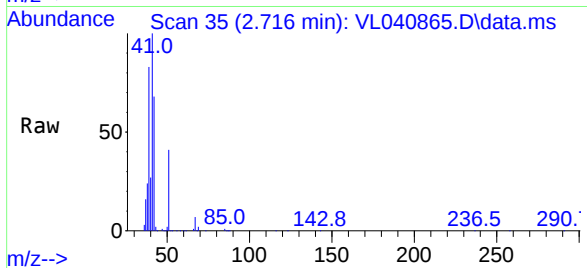
Tgt Ion: 85 Resp: 1446187
Ion Ratio Lower Upper
85 100
135 69.3 55.3 82.9





#9
 Propene
 Concen: 9.722 ppbv
 RT: 2.716 min Scan# 31
 Delta R.T. 0.029 min
 Lab File: VL040865.D
 Acq: 15 Nov 2023 10:52

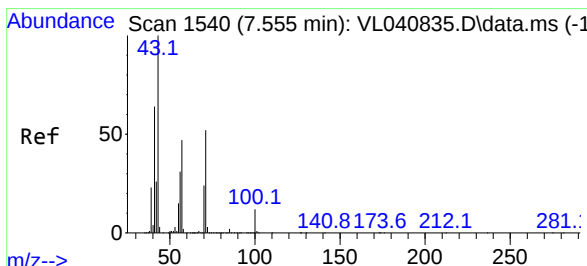
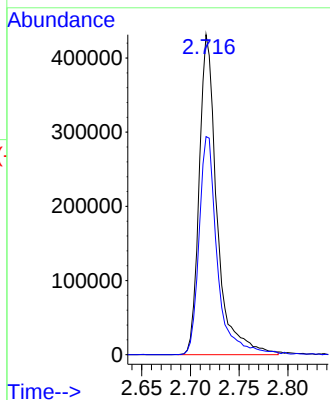
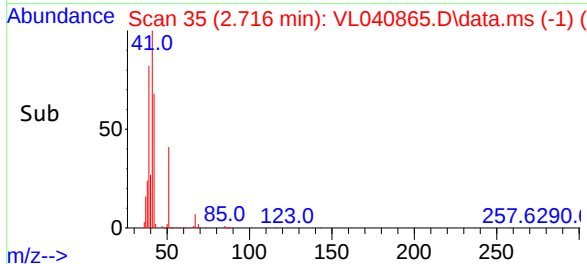
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



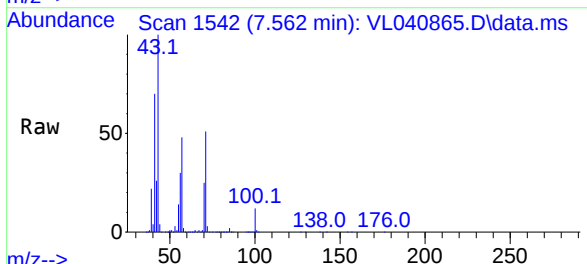
Tgt Ion: 41 Resp: 548500
 Ion Ratio Lower Upper
 41 100
 42 70.6 56.5 84.7

Manual Integrations
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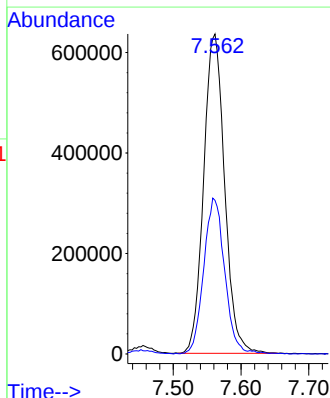
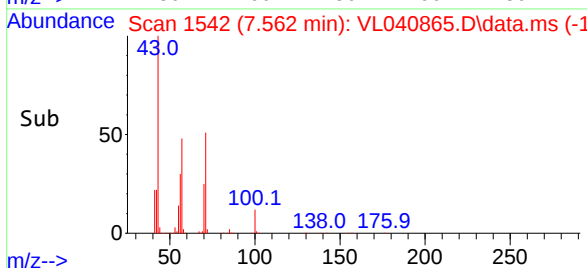
Reviewed By :Semsettin Yesilyurt 11/20/2023
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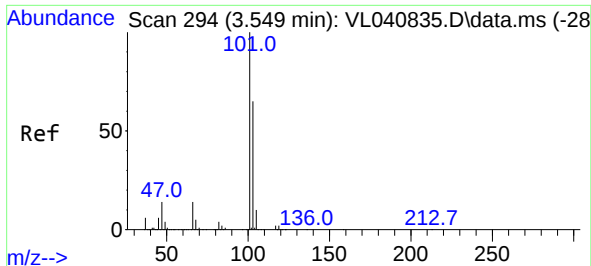


#10
 Heptane
 Concen: 9.857 ppbv
 RT: 7.562 min Scan# 1542
 Delta R.T. 0.007 min
 Lab File: VL040865.D
 Acq: 15 Nov 2023 10:52



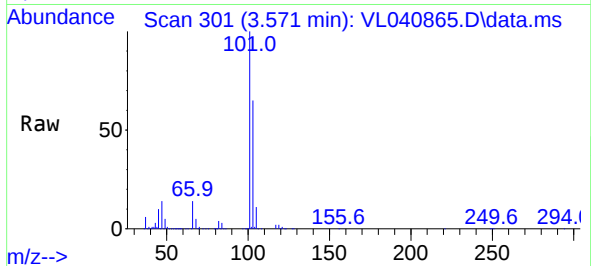
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 Ion Ratio Lower Upper
 43 100
 57 48.8 39.4 59.0





#11
Trichlorofluoromethane
Concen: 9.474 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.023 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

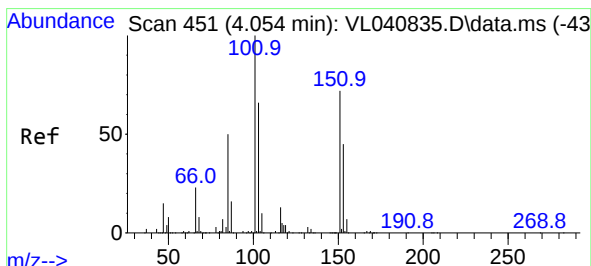
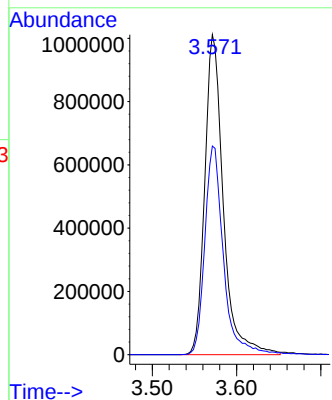
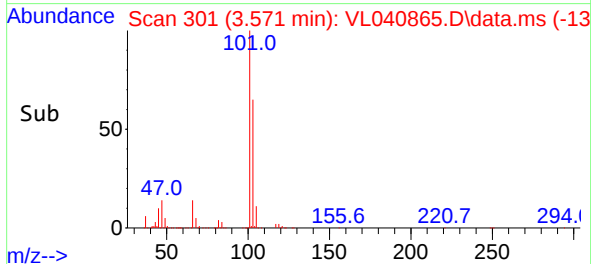
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



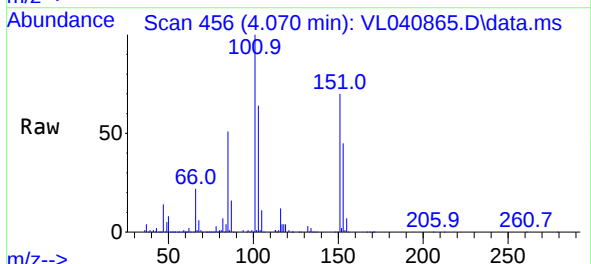
Tgt Ion:101 Resp: 1547410
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8

Manual Integrations
APPROVED

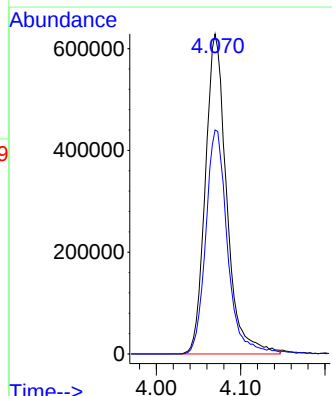
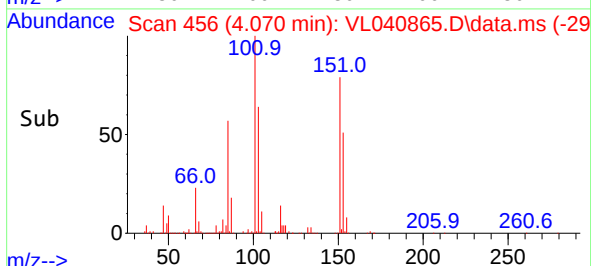
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

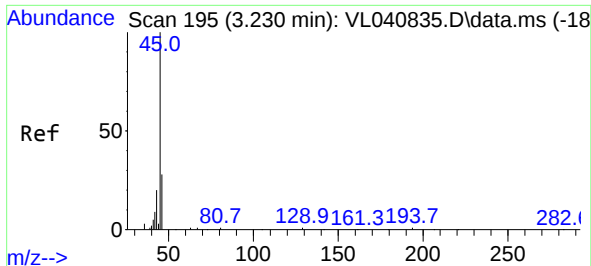


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.538 ppbv
RT: 4.070 min Scan# 456
Delta R.T. 0.016 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



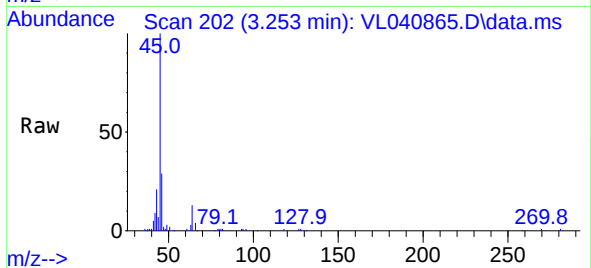
Tgt Ion:101 Resp: 1106727
Ion Ratio Lower Upper
101 100
151 71.8 57.8 86.6





#13
Ethanol
Concen: 7.764 ppbv
RT: 3.253 min Scan# 202
Delta R.T. 0.023 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

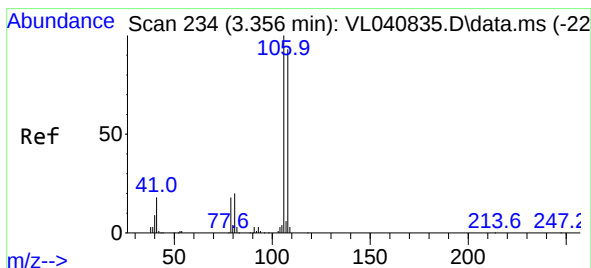
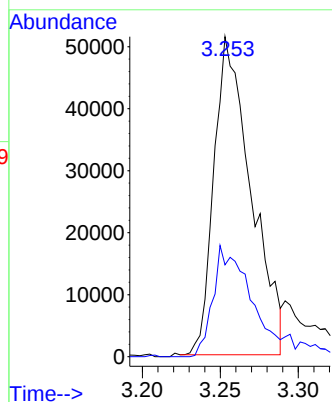
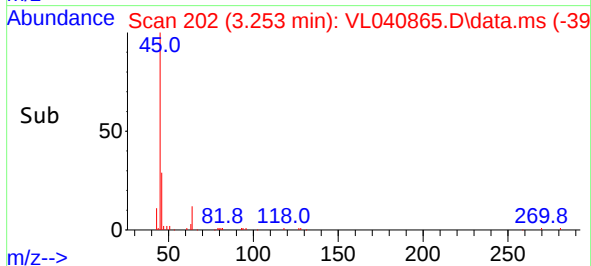
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



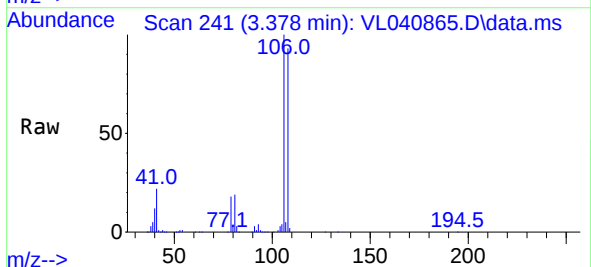
Tgt Ion: 45 Resp: 85062
Ion Ratio Lower Upper
45 100
46 40.5 0.0 0.0

Manual Integrations
APPROVED

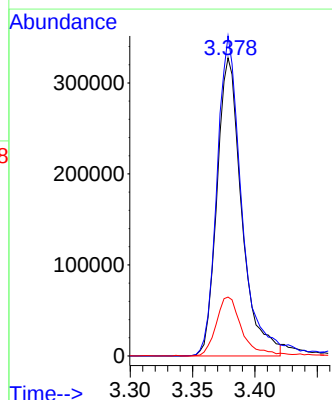
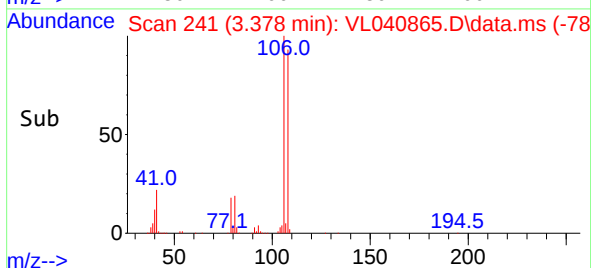
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

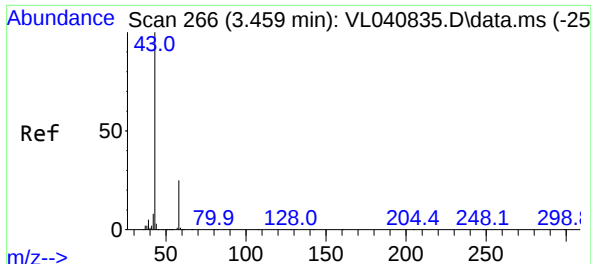


#14
Bromoethene
Concen: 9.696 ppbv
RT: 3.378 min Scan# 241
Delta R.T. 0.023 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



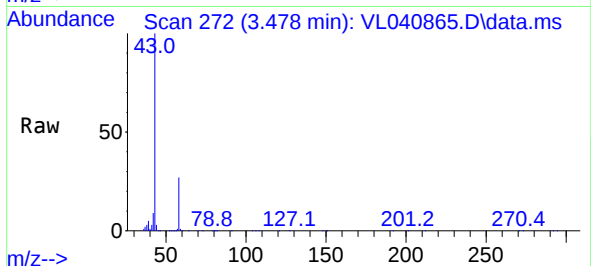
Tgt Ion:108 Resp: 452516
Ion Ratio Lower Upper
108 100
106 110.7 85.4 128.2
79 21.5 16.7 25.1





#15
Acetone
Concen: 9.630 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

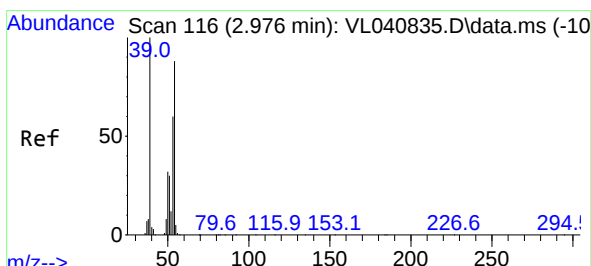
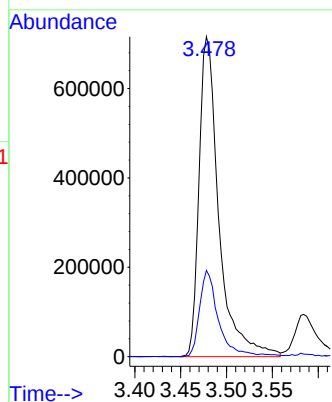
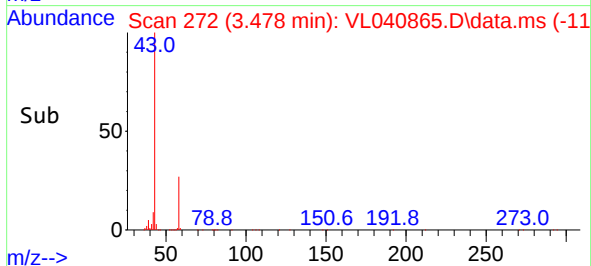
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



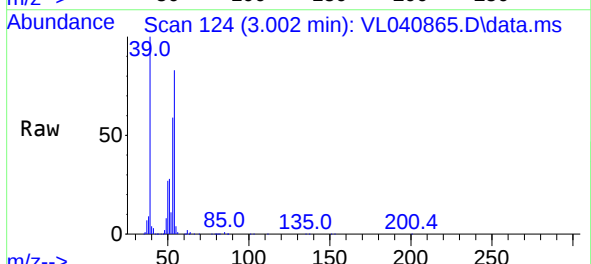
Tgt Ion: 43 Resp: 1075484
Ion Ratio Lower Upper
43 100
58 25.9 20.9 31.3

Manual Integrations
APPROVED

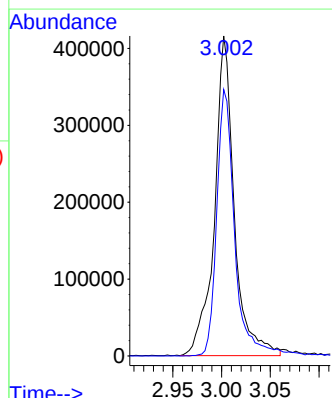
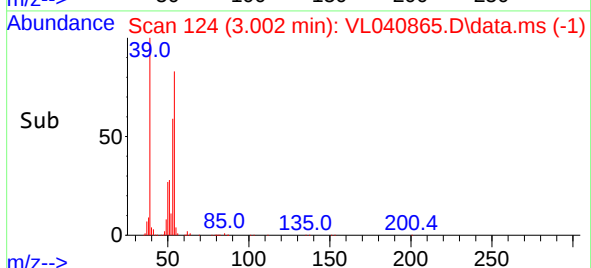
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

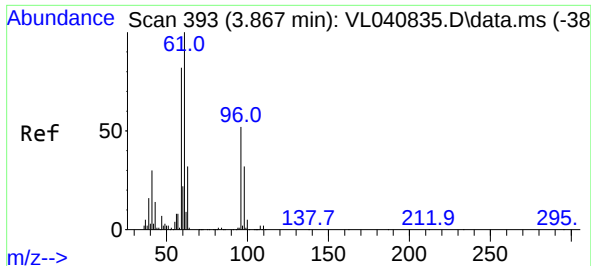


#16
1,3-Butadiene
Concen: 10.409 ppbv
RT: 3.002 min Scan# 124
Delta R.T. 0.026 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



Tgt Ion: 39 Resp: 588114
Ion Ratio Lower Upper
39 100
54 76.8 61.8 92.6





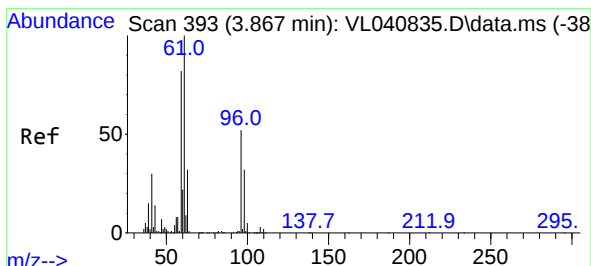
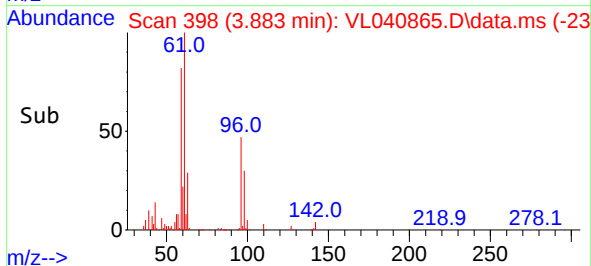
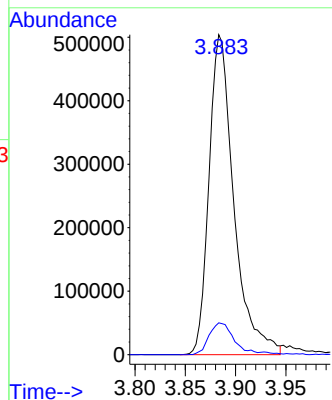
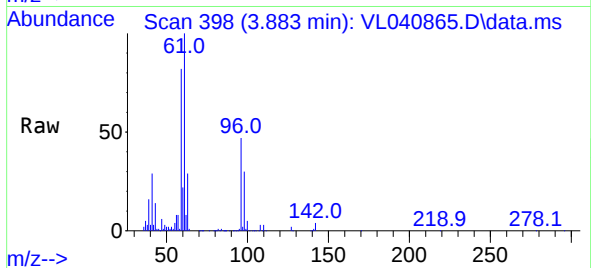
#17
tert-Butyl alcohol
Concen: 9.079 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.016 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 867072
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4

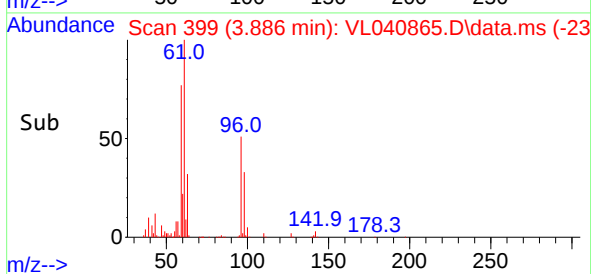
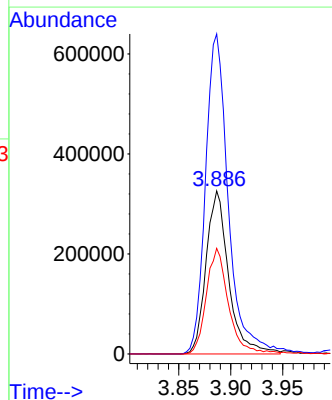
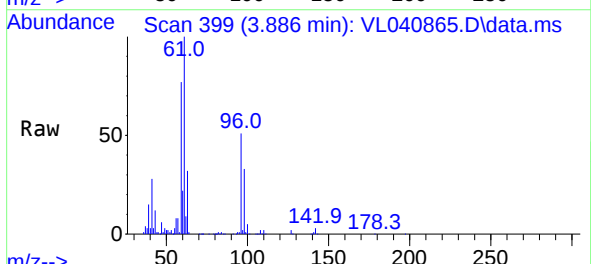
Manual Integrations
APPROVED

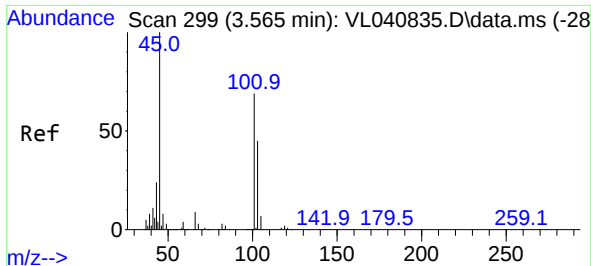
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#18
1,1-Dichloroethene
Concen: 9.541 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.019 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Tgt Ion: 96 Resp: 493423
Ion Ratio Lower Upper
96 100
61 196.2 152.6 228.8
98 64.8 49.2 73.8





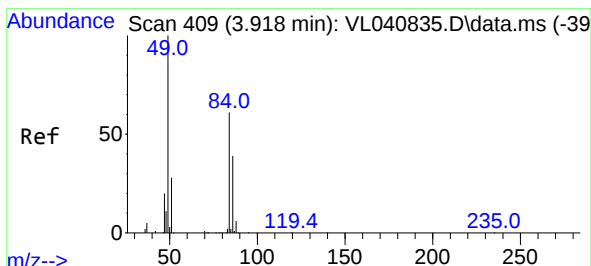
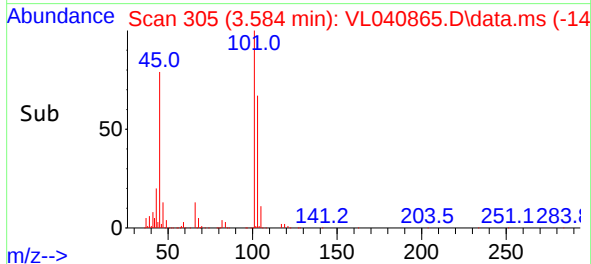
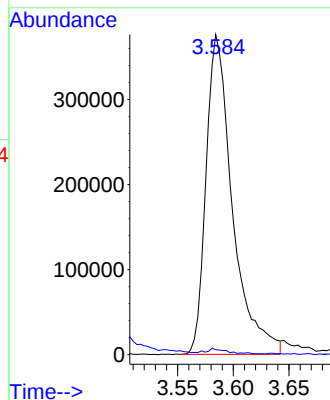
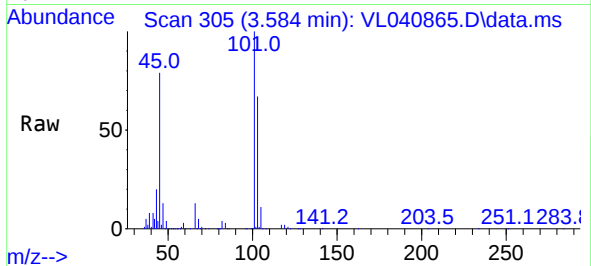
#19
Isopropyl Alcohol
Concen: 9.227 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.019 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 620152
Ion Ratio Lower Upper
45 100
58 2.6 1.6 2.4

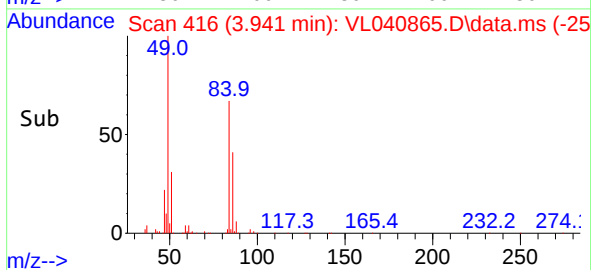
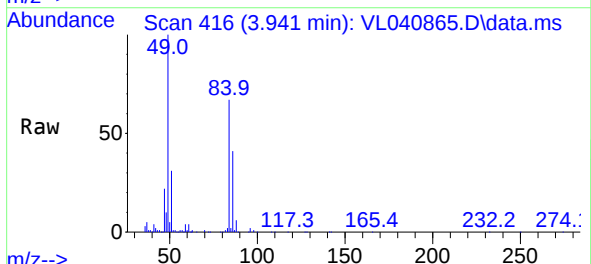
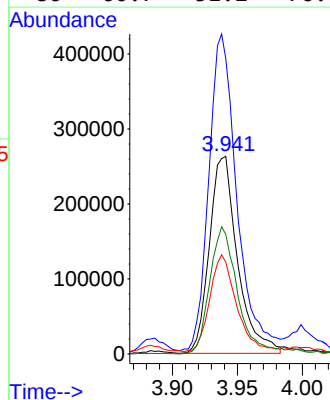
Manual Integrations
APPROVED

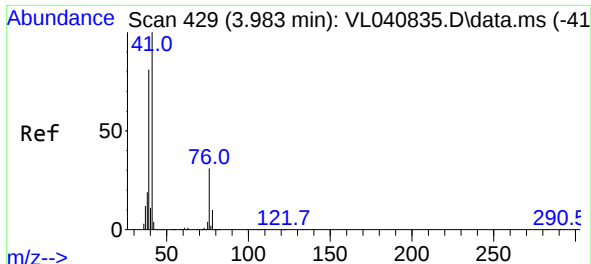
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#20
Methylene Chloride
Concen: 8.596 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.023 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Tgt Ion: 84 Resp: 396144
Ion Ratio Lower Upper
84 100
49 148.2 131.0 196.4
51 45.1 36.9 55.3
86 60.7 51.2 76.8





#21

Allyl Chloride

Concen: 9.804 ppbv

RT: 4.002 min Scan# 41

Delta R.T. 0.019 min

Lab File: VL040865.D

Acq: 15 Nov 2023 10:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 70065

Ion Ratio Lower Upper

41 100

76 31.3 24.4 36.6

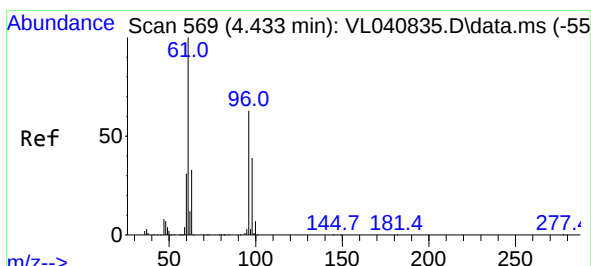
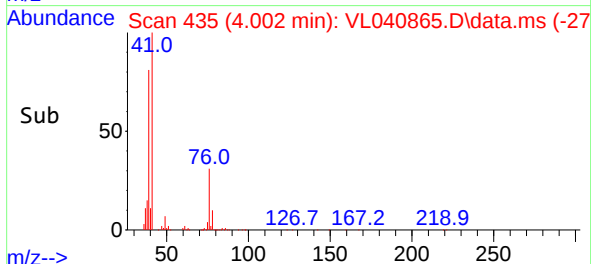
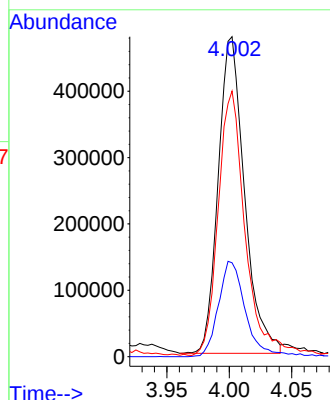
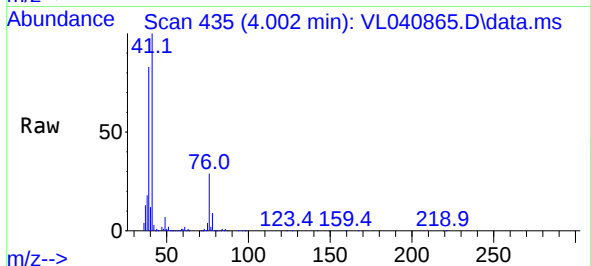
39 86.1 68.1 102.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#22

trans-1,2-Dichloroethene

Concen: 10.667 ppbv

RT: 4.446 min Scan# 573

Delta R.T. 0.013 min

Lab File: VL040865.D

Acq: 15 Nov 2023 10:52

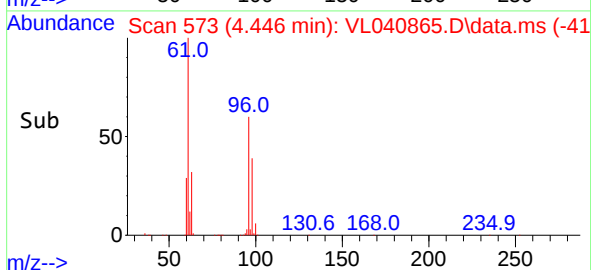
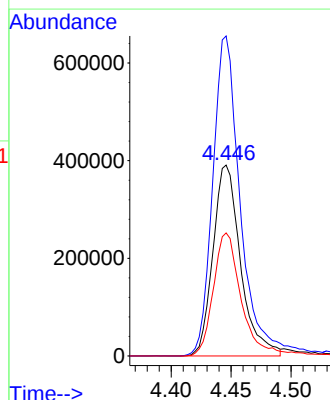
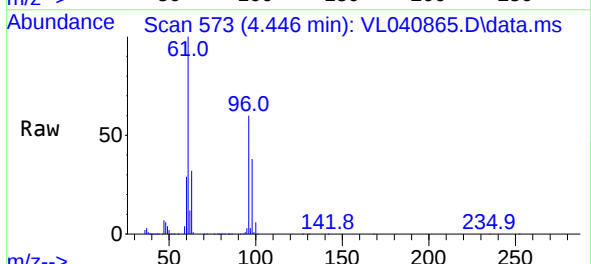
Tgt Ion: 96 Resp: 626086

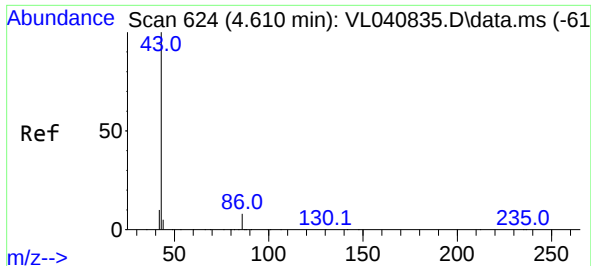
Ion Ratio Lower Upper

96 100

61 167.6 126.8 190.2

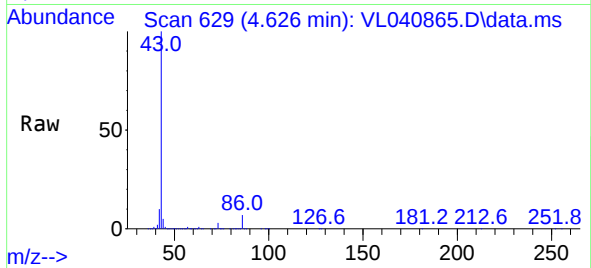
98 64.5 49.9 74.9





#23
 Vinyl Acetate
 Concen: 10.883 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VL040865.D
 Acq: 15 Nov 2023 10:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

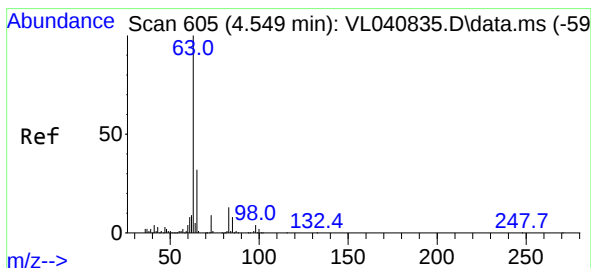
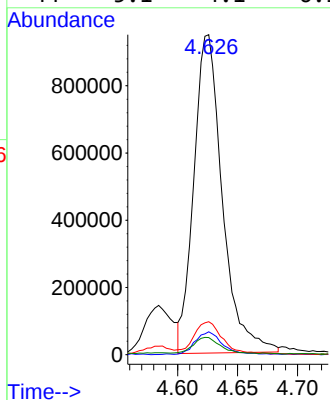
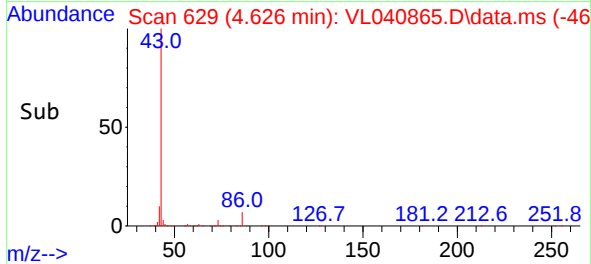


Tgt Ion: 43 Resp: 1569424

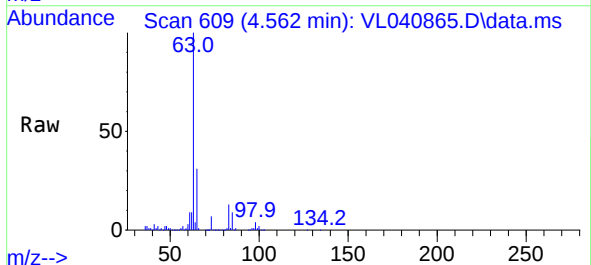
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.5	8.3
42	10.2	8.2	12.2
44	5.1	4.1	6.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

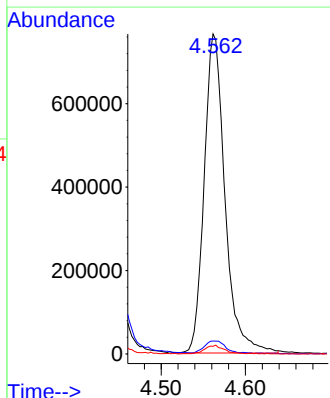
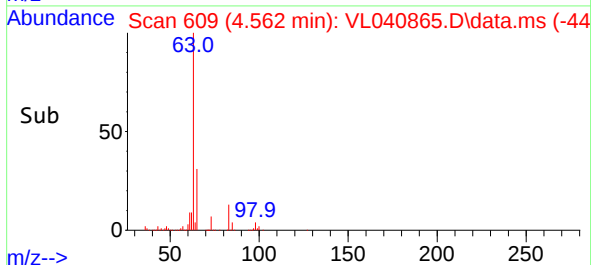


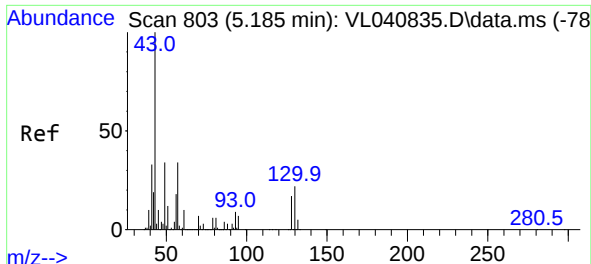
#24
 1,1-Dichloroethane
 Concen: 10.219 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.013 min
 Lab File: VL040865.D
 Acq: 15 Nov 2023 10:52



Tgt Ion: 63 Resp: 1313513

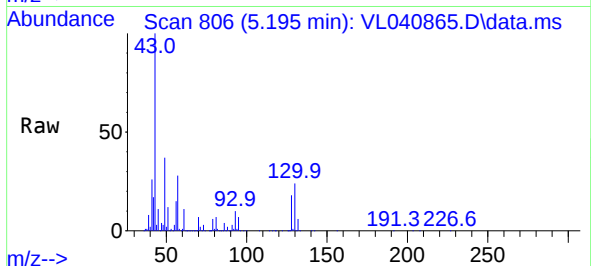
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.2	6.6
100	2.4	1.0	3.0





#25
Ethyl Acetate
Concen: 9.914 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.010 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

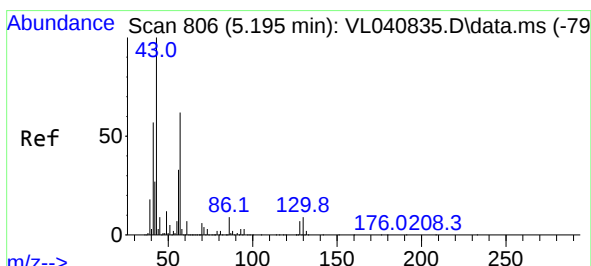
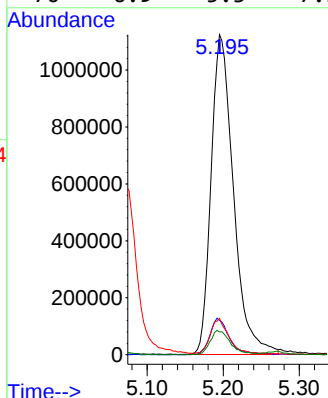
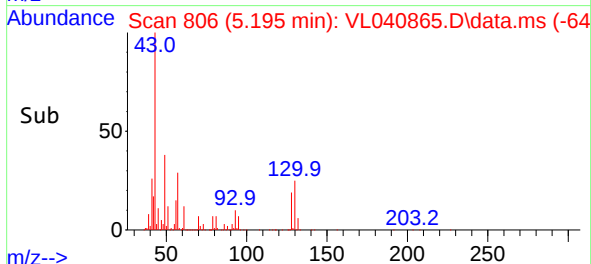
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



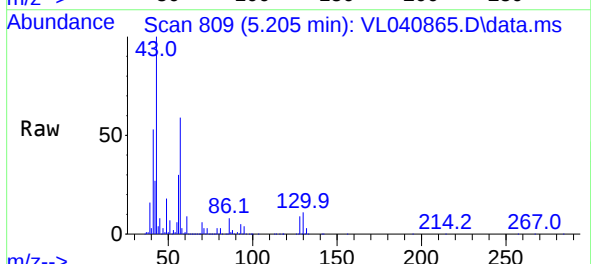
Tgt Ion: 43 Resp: 2292430
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 9.7 7.8 11.6
70 6.9 5.3 7.9

Manual Integrations
APPROVED

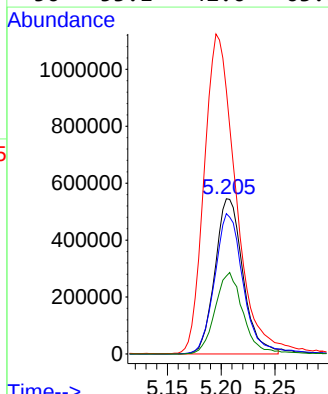
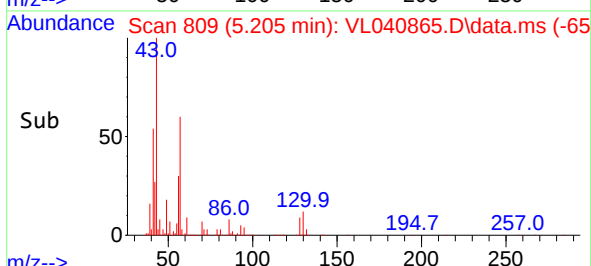
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

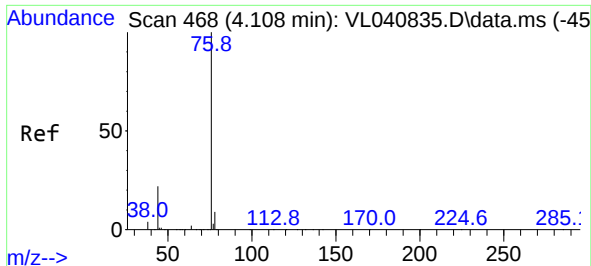


#26
Hexane
Concen: 9.624 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.010 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



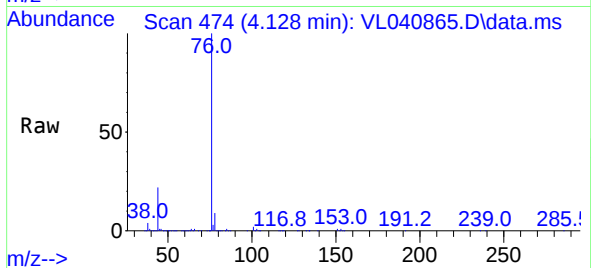
Tgt Ion: 57 Resp: 984930
Ion Ratio Lower Upper
57 100
41 94.2 75.4 113.0
43 236.1 185.9 278.9
56 53.1 42.6 63.8





#27
Carbon Disulfide
Concen: 9.555 ppbv
RT: 4.128 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

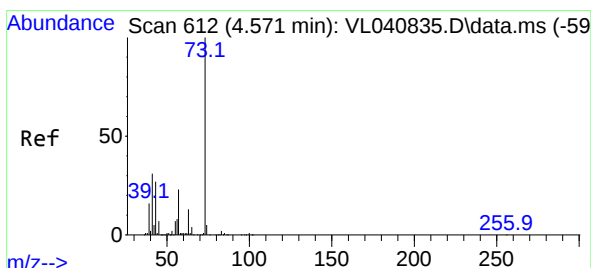
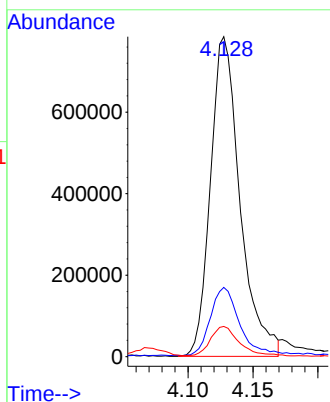
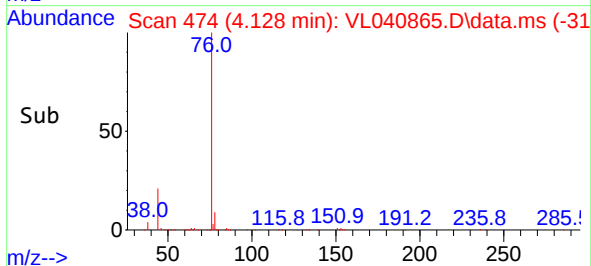
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 123996
Ion Ratio Lower Upper
76 100
44 23.0 16.7 25.1
78 9.6 7.6 11.4

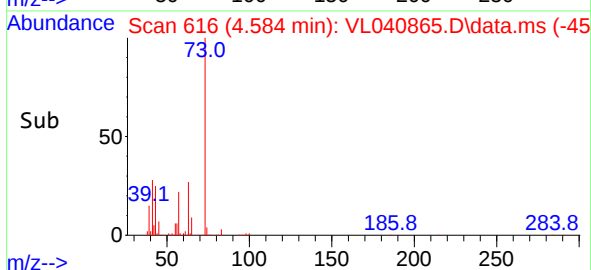
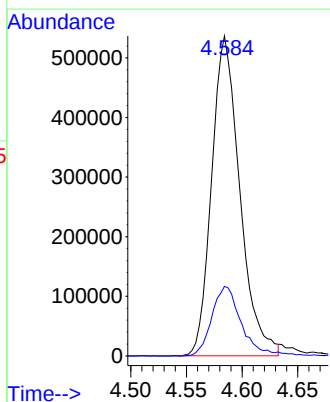
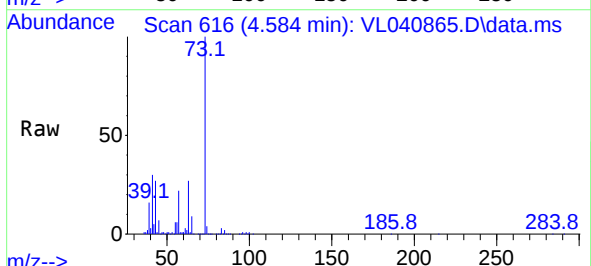
Manual Integrations
APPROVED

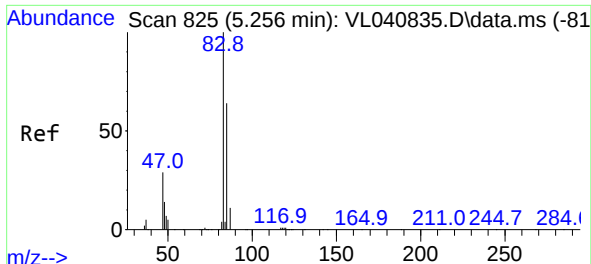
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#28
Methyl tert-Butyl Ether
Concen: 10.208 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.013 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Tgt Ion: 73 Resp: 944815
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0





#29

Chloroform

Concen: 9.479 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL040865.D

Acq: 15 Nov 2023 10:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 164408

Ion Ratio Lower Upper

83 100

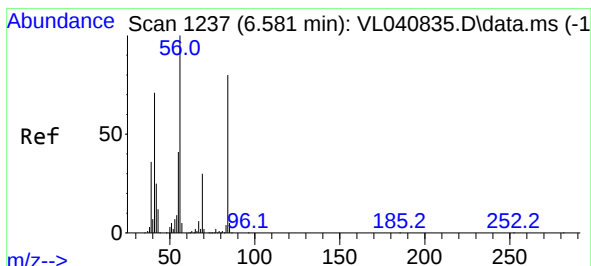
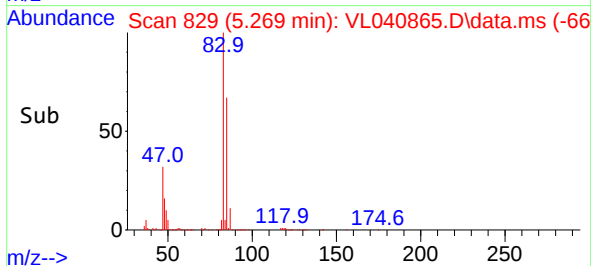
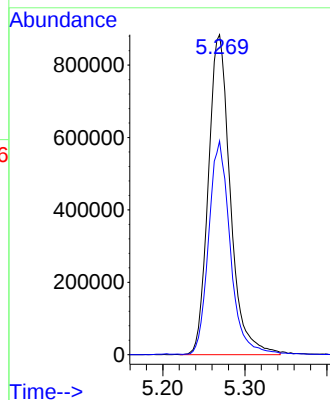
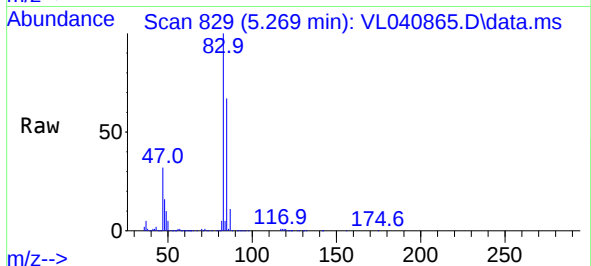
85 66.7 51.4 77.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#30

Cyclohexane

Concen: 9.774 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. 0.003 min

Lab File: VL040865.D

Acq: 15 Nov 2023 10:52

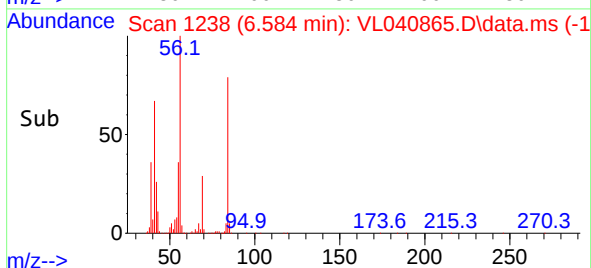
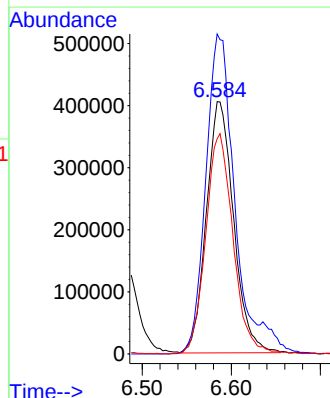
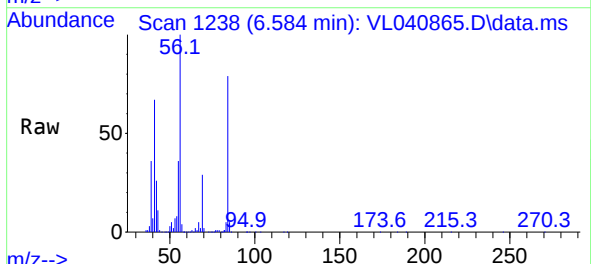
Tgt Ion: 84 Resp: 860539

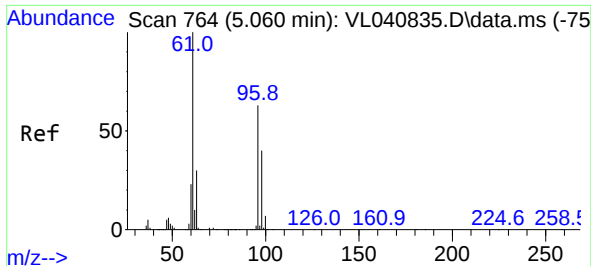
Ion Ratio Lower Upper

84 100

56 137.2 109.3 163.9

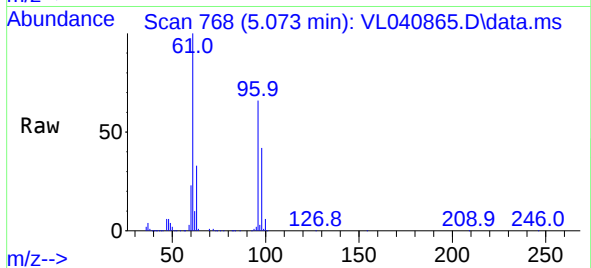
41 88.4 71.4 107.2





#31
cis-1,2-Dichloroethene
Concen: 10.369 ppbv
RT: 5.073 min Scan# 70
Delta R.T. 0.013 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

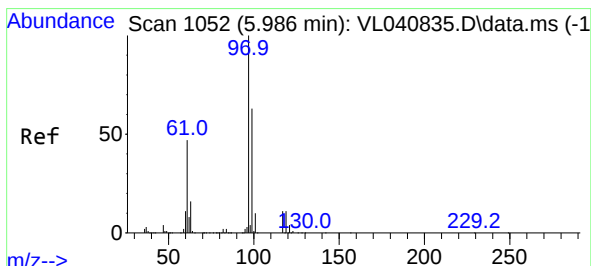
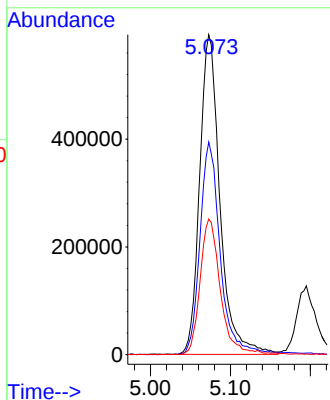
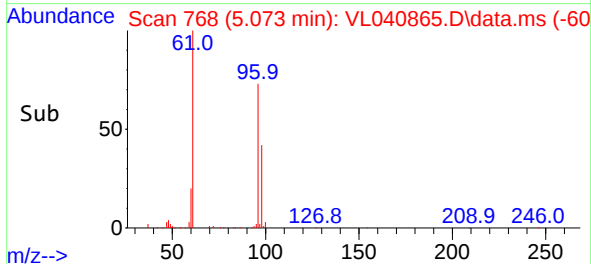
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



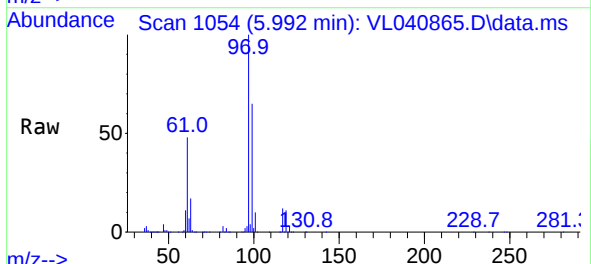
Tgt Ion: 61 Resp: 1050092
Ion Ratio Lower Upper
61 100
96 66.4 50.5 75.7
98 42.3 31.9 47.9

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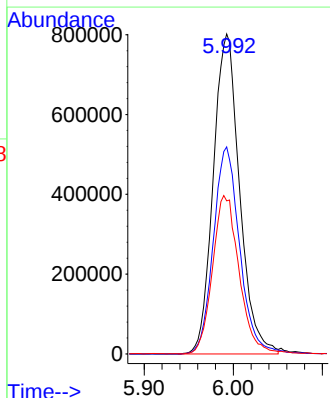
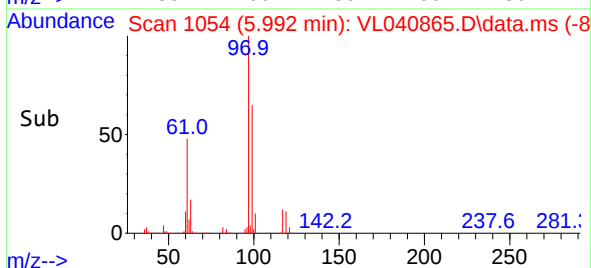
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

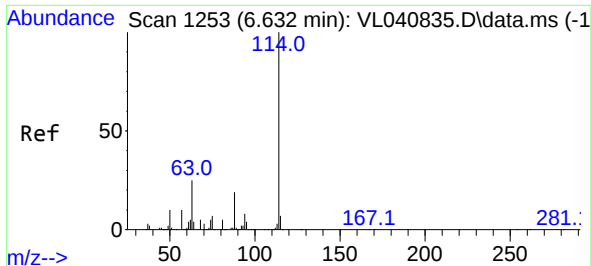


#32
1,1,1-Trichloroethane
Concen: 10.172 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. 0.007 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



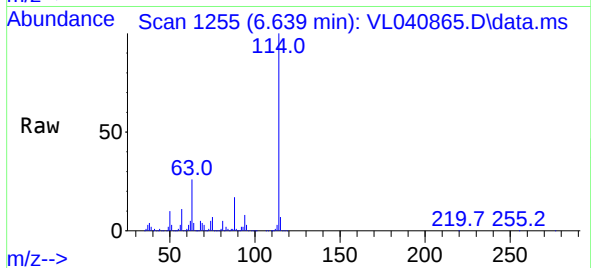
Tgt Ion: 97 Resp: 1646086
Ion Ratio Lower Upper
97 100
99 65.0 52.2 78.4
61 50.5 41.0 61.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 114
Delta R.T. 0.007 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

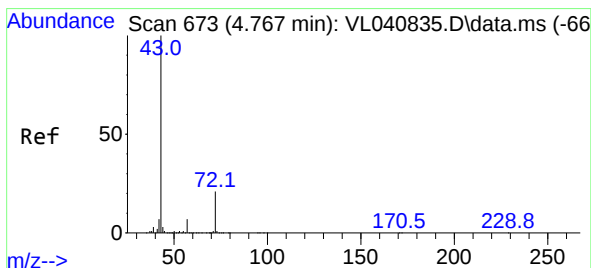
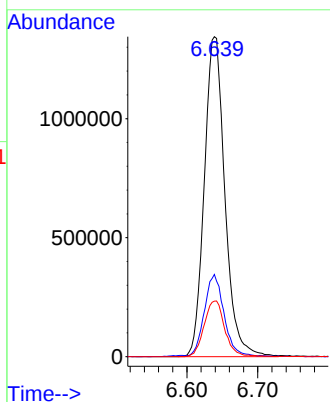
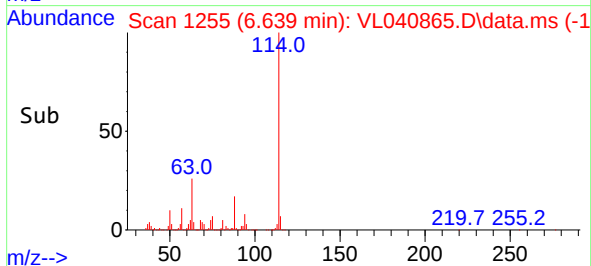
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



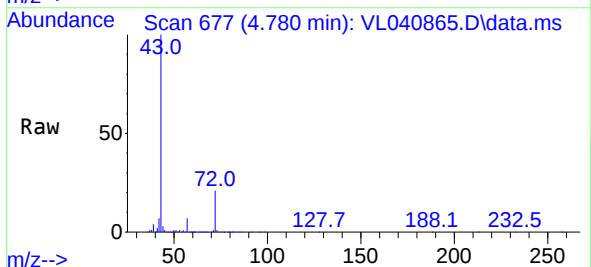
Tgt Ion:114 Resp: 2712589
Ion Ratio Lower Upper
114 100
63 25.0 20.9 31.3
88 17.6 14.3 21.5

Manual Integrations
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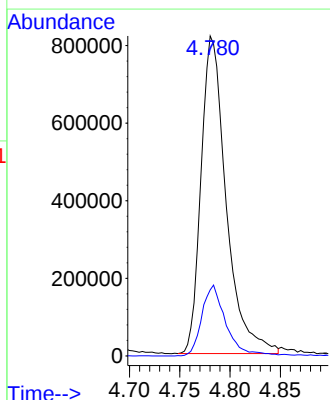
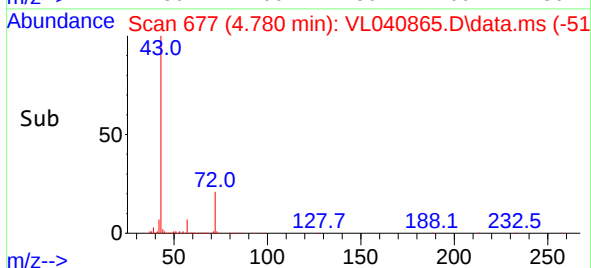
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

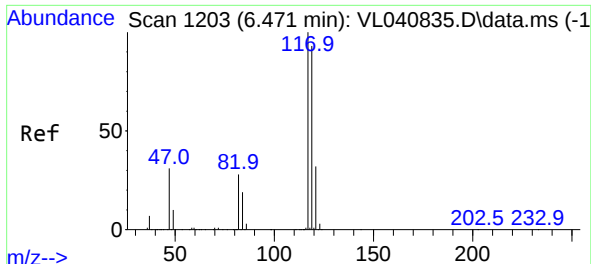


#34
2-Butanone
Concen: 10.321 ppbv
RT: 4.780 min Scan# 677
Delta R.T. 0.013 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



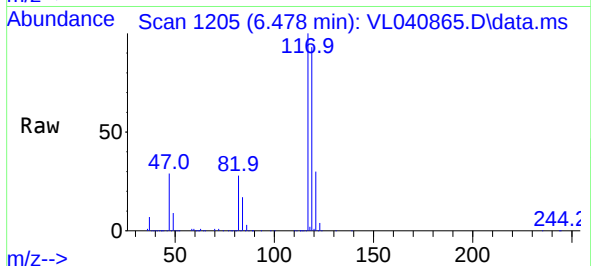
Tgt Ion: 43 Resp: 1426197
Ion Ratio Lower Upper
43 100
72 21.8 17.2 25.8





#35
Carbon Tetrachloride
Concen: 10.441 ppbv
RT: 6.478 min Scan# 1167
Delta R.T. 0.007 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

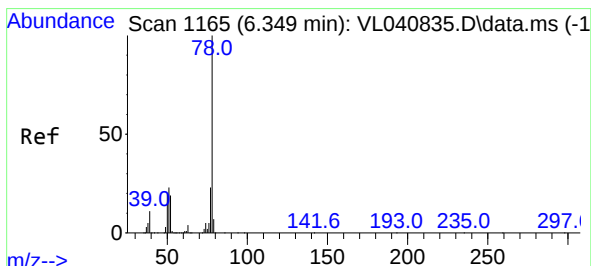
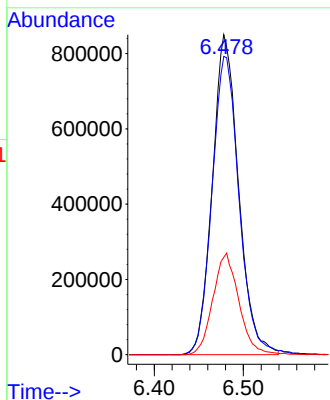
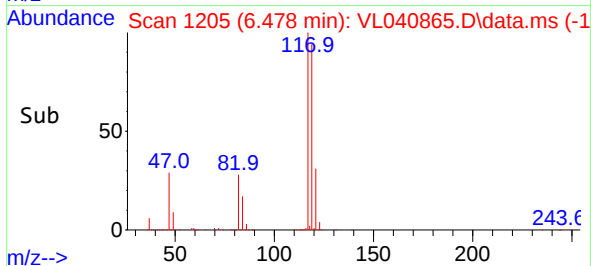
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



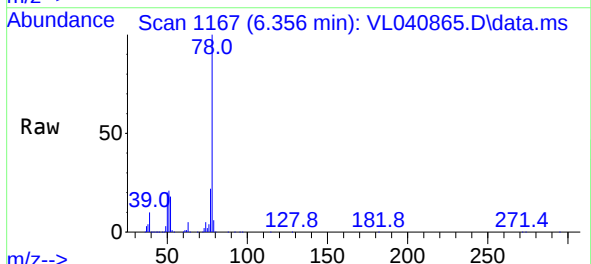
Tgt Ion: 117 Resp: 1737709
Ion Ratio Lower Upper
117 100
119 93.2 74.7 112.1
121 30.4 25.5 38.3

Manual Integrations
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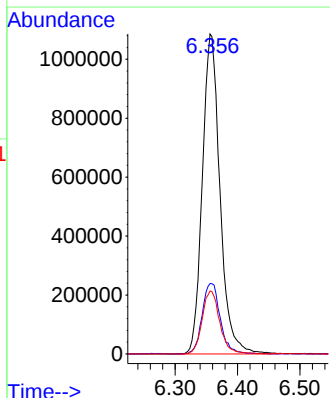
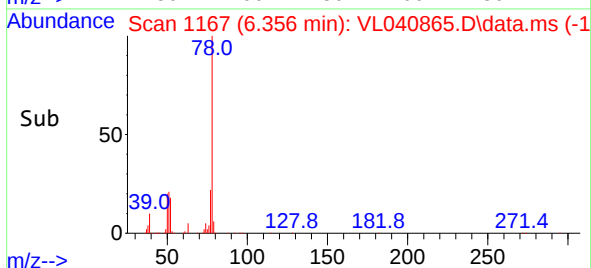
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

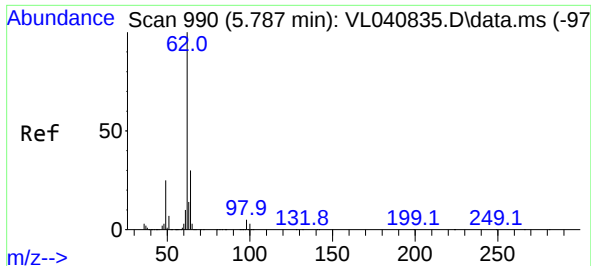


#36
Benzene
Concen: 9.710 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.007 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



Tgt Ion: 78 Resp: 2137763
Ion Ratio Lower Upper
78 100
77 22.0 18.4 27.6
50 19.7 16.2 24.2





#37

1,2-Dichloroethane

Concen: 9.739 ppbv

RT: 5.796 min Scan# 990

Delta R.T. 0.010 min

Lab File: VL040865.D

Acq: 15 Nov 2023 10:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 1264604

Ion Ratio Lower Upper

62 100

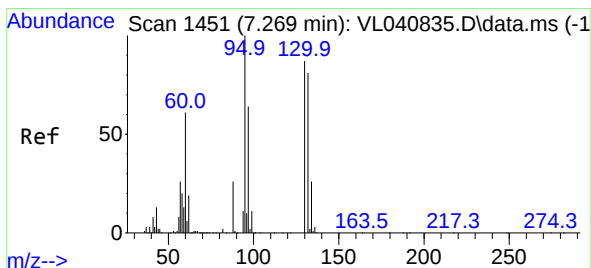
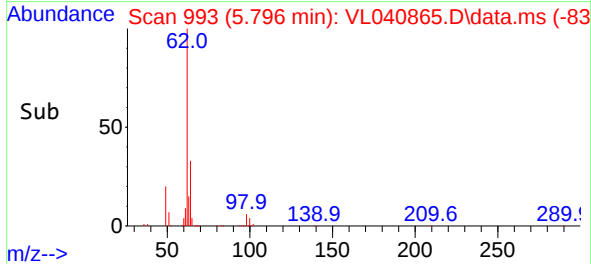
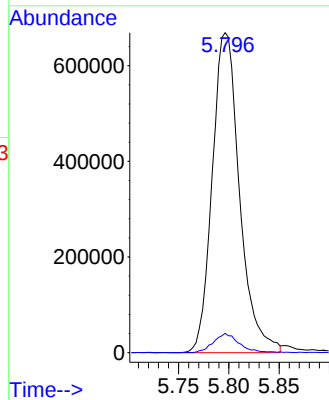
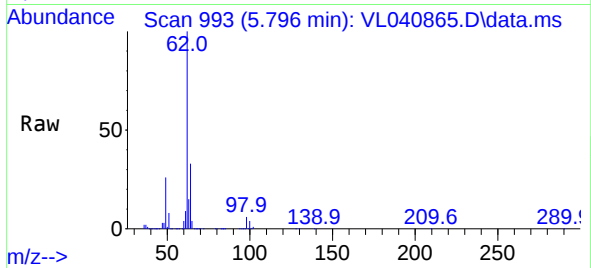
98 5.9 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#38

Trichloroethene

Concen: 9.564 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.003 min

Lab File: VL040865.D

Acq: 15 Nov 2023 10:52

Tgt Ion:130 Resp: 818432

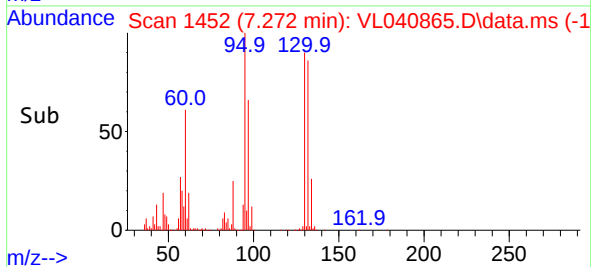
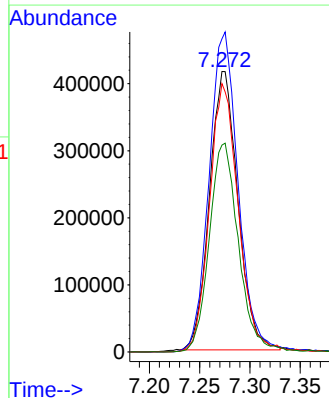
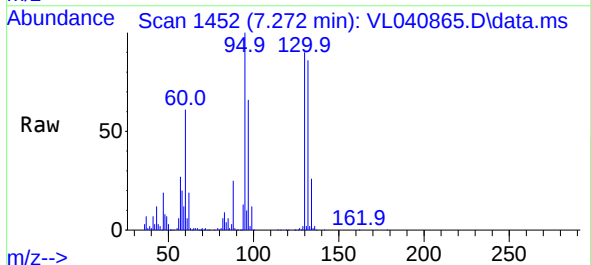
Ion Ratio Lower Upper

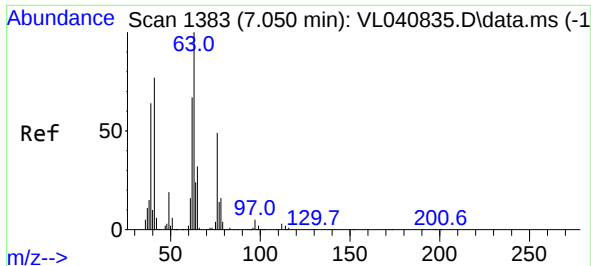
130 100

95 111.9 92.4 138.6

132 96.1 75.1 112.7

97 74.0 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.662 ppbv

RT: 7.053 min Scan# 1451

Delta R.T. 0.003 min

Lab File: VL040865.D

Acq: 15 Nov 2023 10:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

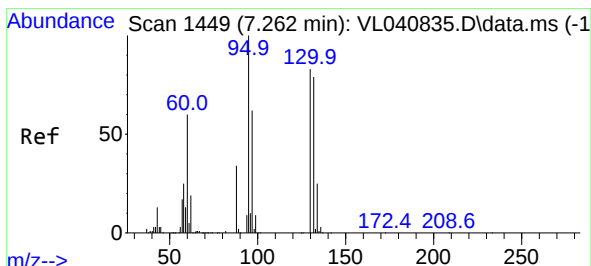
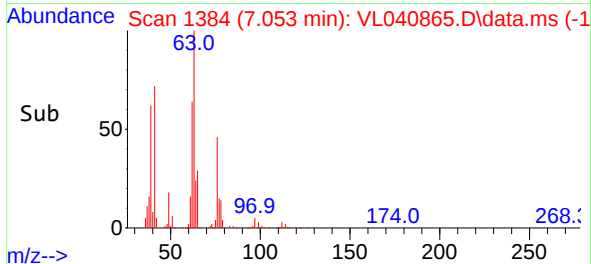
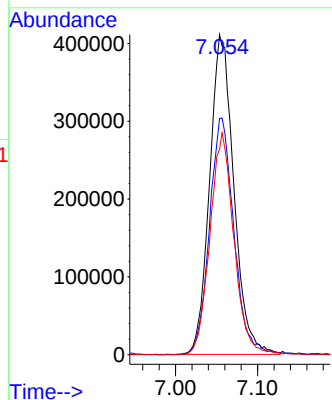
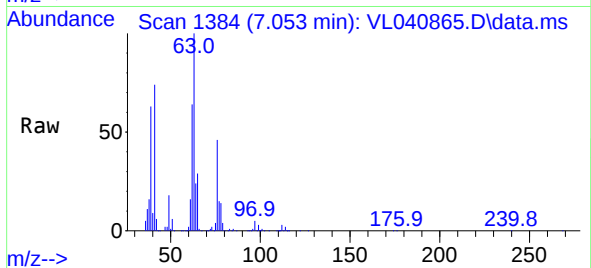
Tgt Ion: 63 Resp: 843379

Ion	Ratio	Lower	Upper
63	100		
41	73.7	61.5	92.3
62	64.2	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#40

1,4-Dioxane

Concen: 8.944 ppbv

RT: 7.269 min Scan# 1451

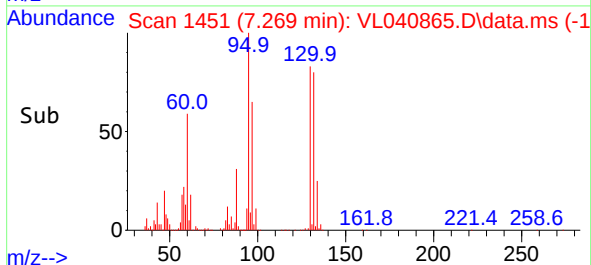
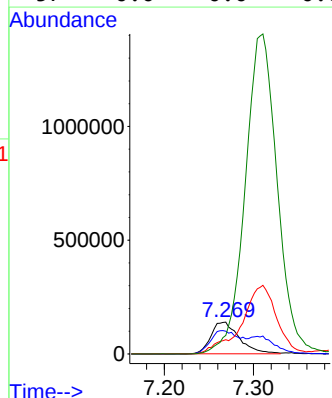
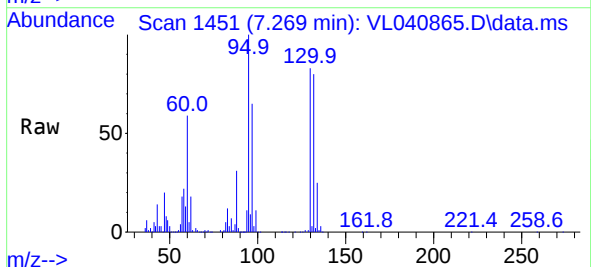
Delta R.T. 0.007 min

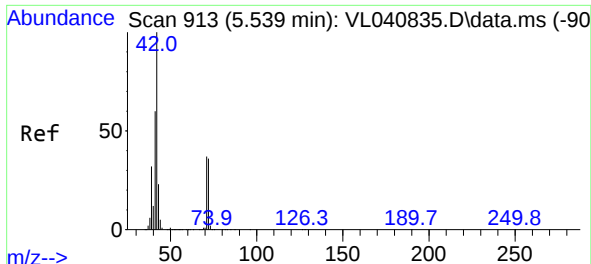
Lab File: VL040865.D

Acq: 15 Nov 2023 10:52

Tgt Ion: 88 Resp: 309780

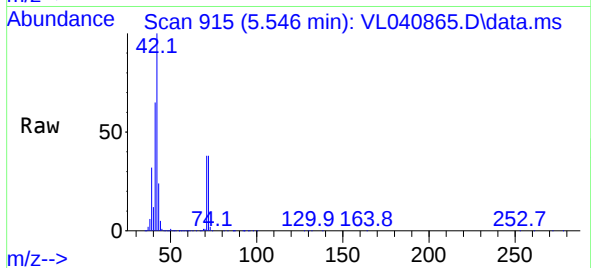
Ion	Ratio	Lower	Upper
88	100		
58	75.6	101.0	151.6#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 10.479 ppbv
RT: 5.546 min Scan# 913
Delta R.T. 0.007 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

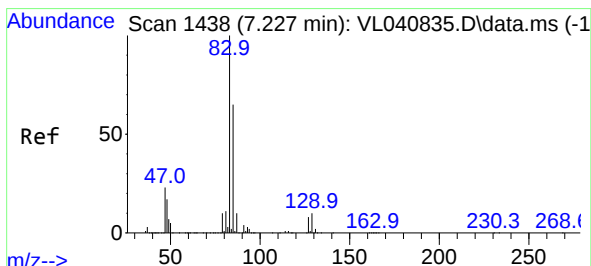
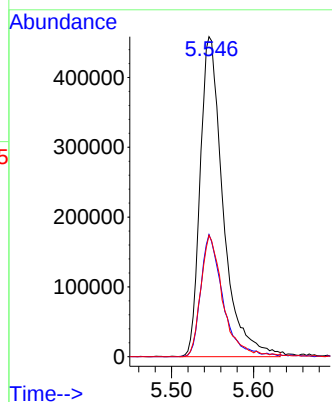
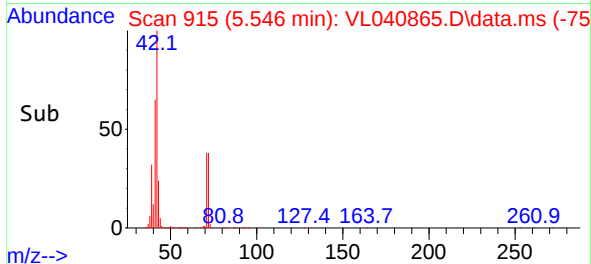
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



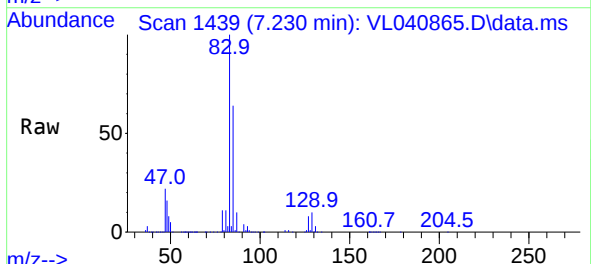
Tgt Ion: 42 Resp: 89153
Ion Ratio Lower Upper
42 100
72 37.4 30.8 46.2
71 37.2 30.0 45.0

Manual Integrations
APPROVED

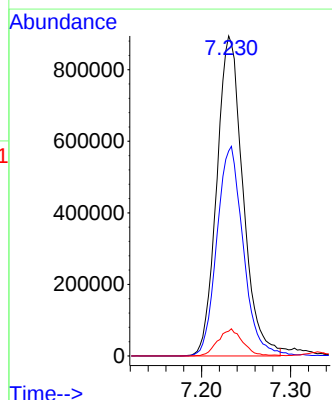
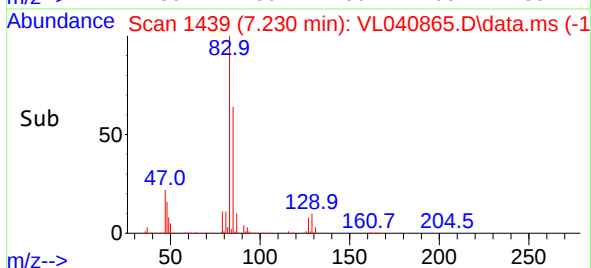
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

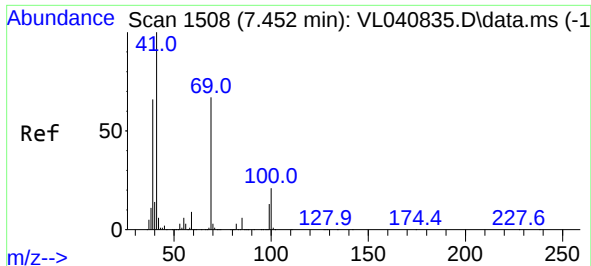


#42
Bromodichloromethane
Concen: 9.832 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. 0.003 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



Tgt Ion: 83 Resp: 1827024
Ion Ratio Lower Upper
83 100
85 64.0 52.3 78.5
127 7.7 6.6 10.0





#43
Methyl Methacrylate
Concen: 10.560 ppbv
RT: 7.455 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Instrument :

MSVOA_L

ClientSampleId :

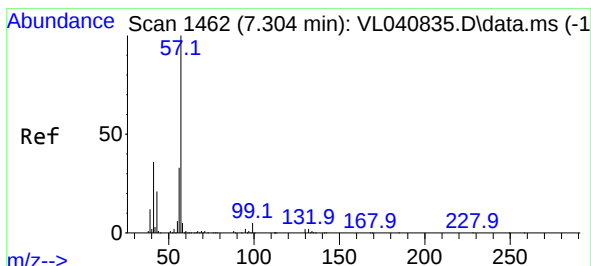
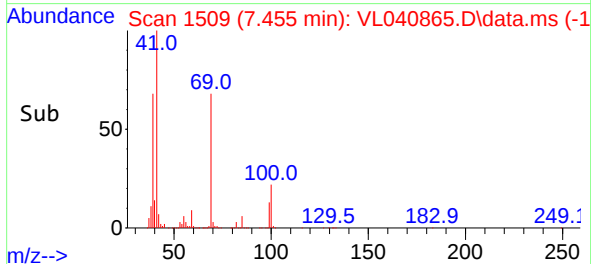
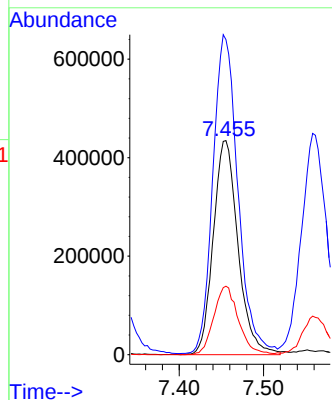
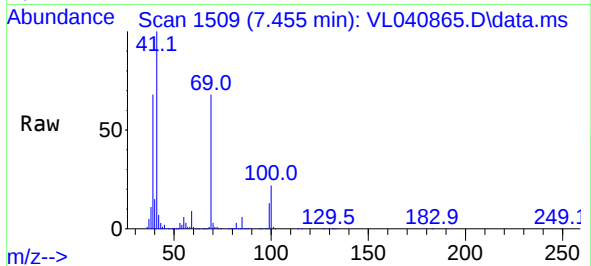
VSTDCCC010

Tgt Ion: 69 Resp: 88588
Ion Ratio Lower Upper
69 100
41 152.0 123.0 184.4
100 31.8 25.4 38.2

Manual Integrations

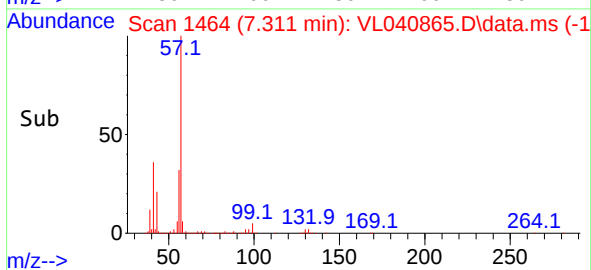
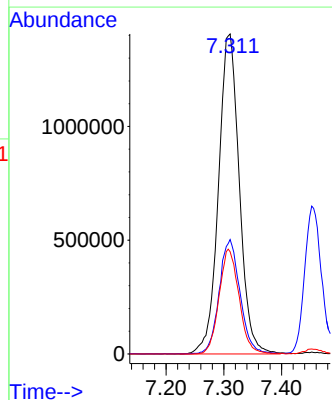
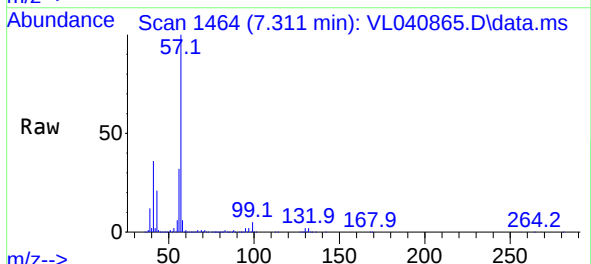
APPROVED

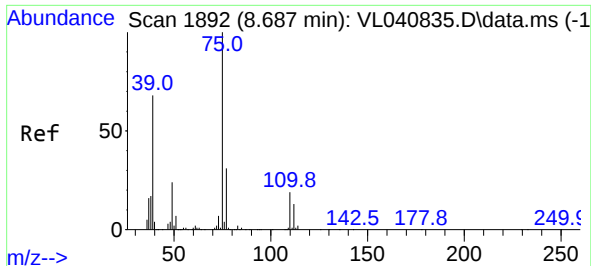
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#44
2,2,4-Trimethylpentane
Concen: 9.647 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.007 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

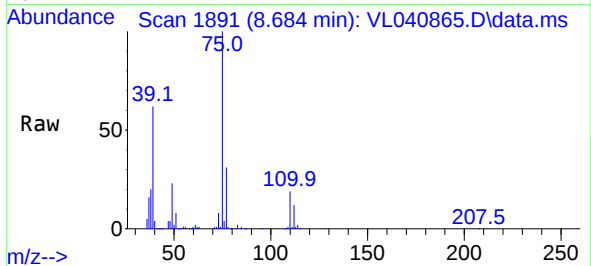
Tgt Ion: 57 Resp: 3527767
Ion Ratio Lower Upper
57 100
41 35.6 29.0 43.6
56 31.4 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 11.694 ppbv
RT: 8.684 min Scan# 1892
Delta R.T. -0.003 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

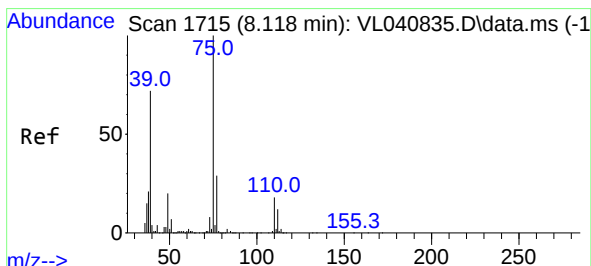
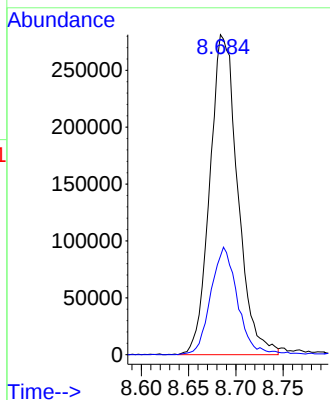
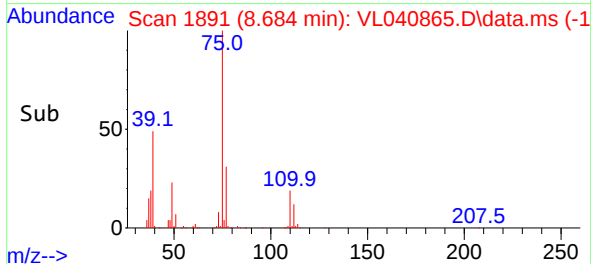
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



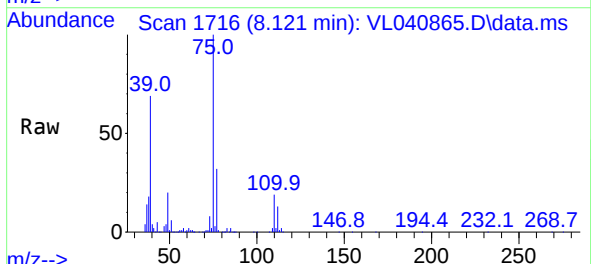
Tgt Ion: 75 Resp: 57649
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3

Manual Integrations
APPROVED

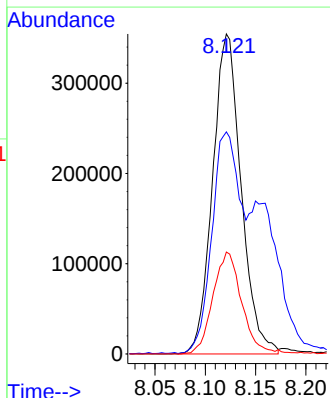
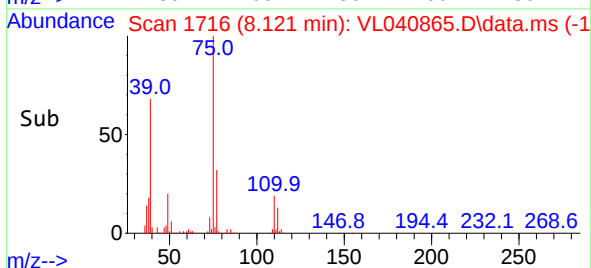
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

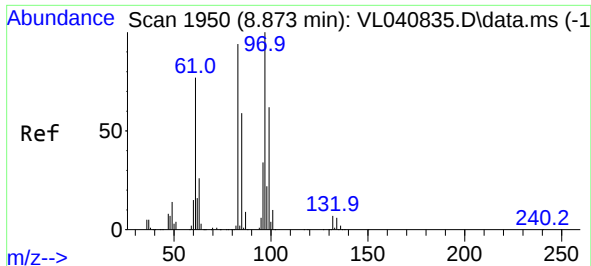


#46
cis-1,3-Dichloropropene
Concen: 10.923 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. 0.003 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



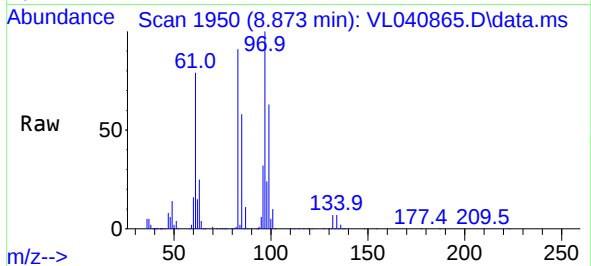
Tgt Ion: 75 Resp: 698259
Ion Ratio Lower Upper
75 100
39 69.2 57.3 85.9
77 31.8 23.0 34.6





#47
1,1,2-Trichloroethane
Concen: 9.666 ppbv
RT: 8.873 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

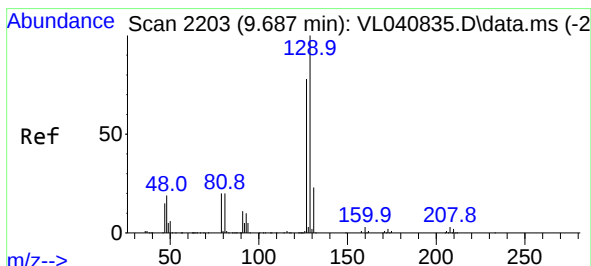
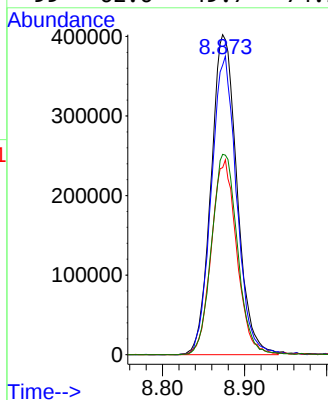
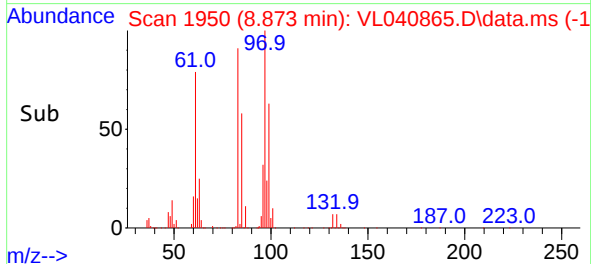
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



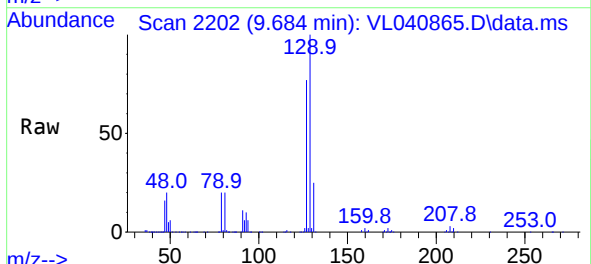
Tgt Ion: 97 Resp: 884125
Ion Ratio Lower Upper
97 100
83 90.5 74.8 112.2
85 58.4 47.4 71.0
99 62.6 49.7 74.5

Manual Integrations
APPROVED

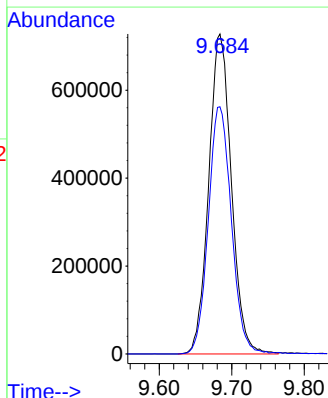
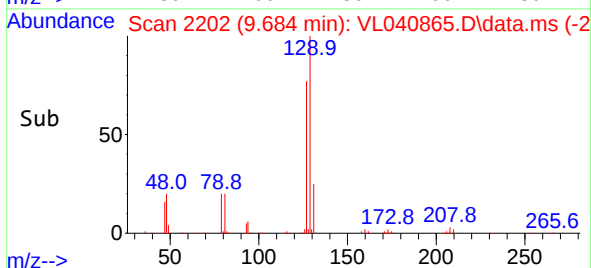
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

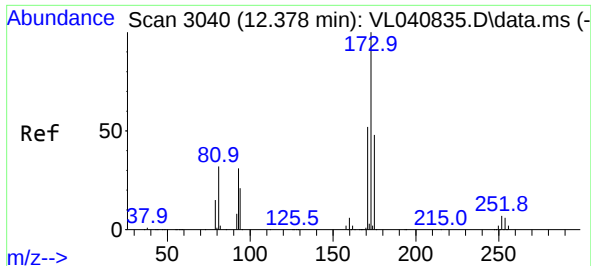


#48
Dibromochloromethane
Concen: 10.405 ppbv
RT: 9.684 min Scan# 2202
Delta R.T. -0.003 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



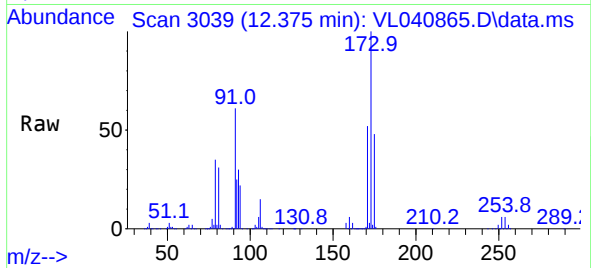
Tgt Ion:129 Resp: 1579114
Ion Ratio Lower Upper
129 100
127 79.1 39.3 117.9





#49
Bromoform
Concen: 10.852 ppbv
RT: 12.375 min Scan# 3040
Delta R.T. -0.003 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

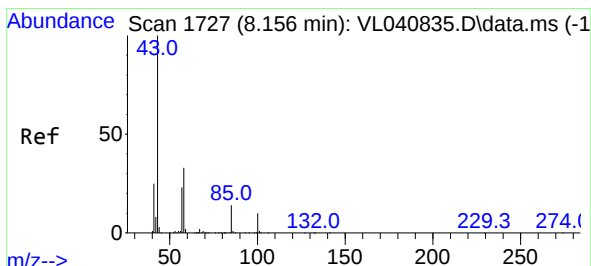
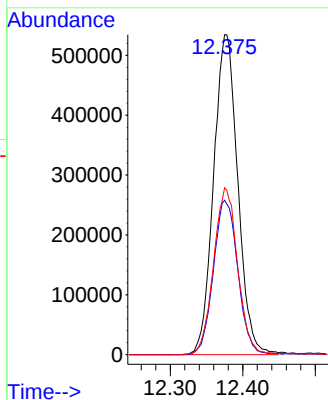
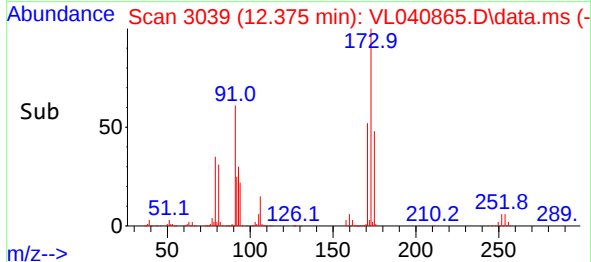
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



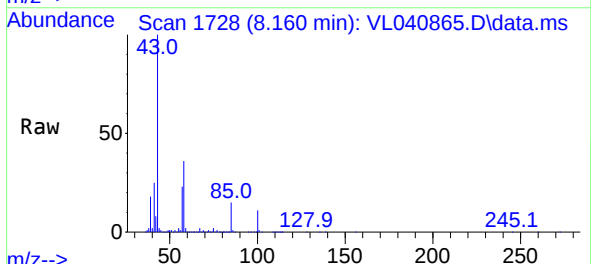
Tgt Ion: 173 Resp: 1238835
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.6
171 51.9 41.8 62.6

Manual Integrations
APPROVED

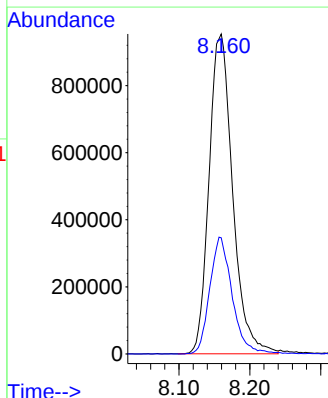
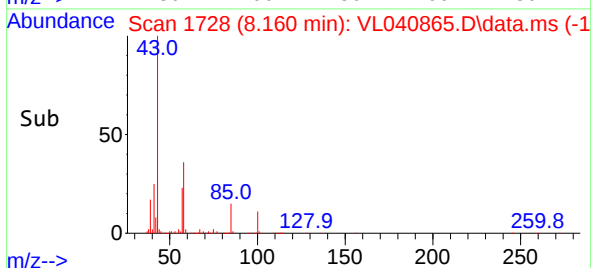
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

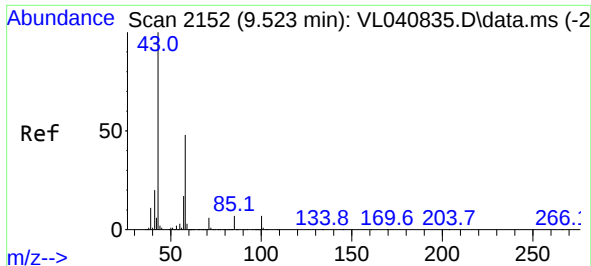


#50
4-Methyl-2-Pentanone
Concen: 10.329 ppbv
RT: 8.160 min Scan# 1728
Delta R.T. 0.003 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



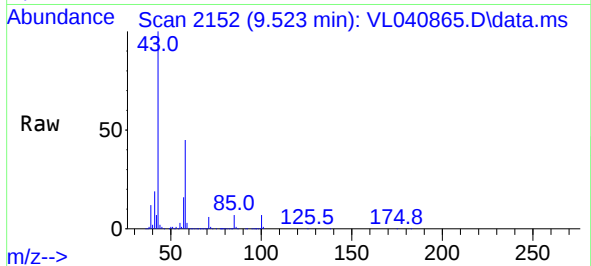
Tgt Ion: 43 Resp: 2208918
Ion Ratio Lower Upper
43 100
58 34.9 27.8 41.6





#51
2-Hexanone
Concen: 10.816 ppbv
RT: 9.523 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

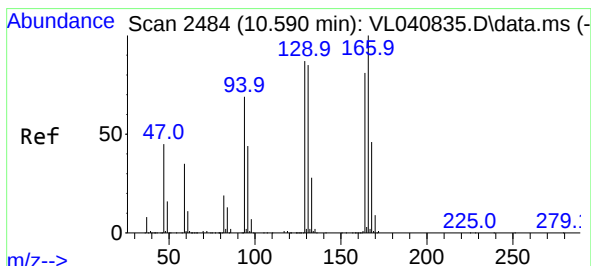
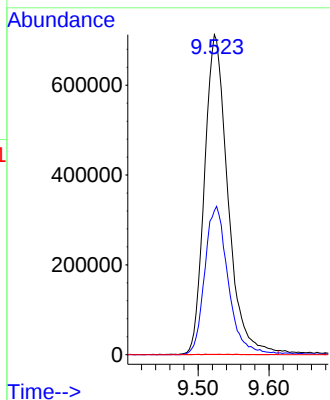
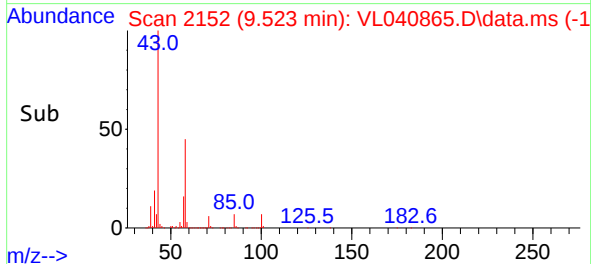
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



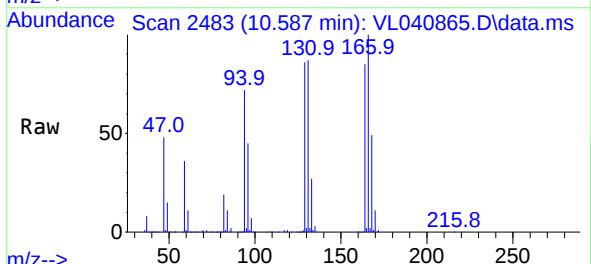
Tgt Ion: 43 Resp: 1630539
Ion Ratio Lower Upper
43 100
58 47.1 37.4 56.2
98 0.2 0.2 0.2

Manual Integrations
APPROVED

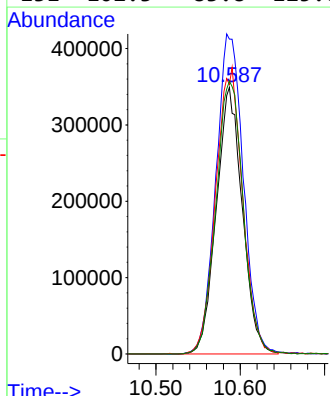
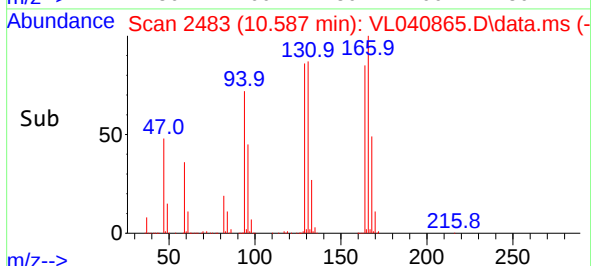
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

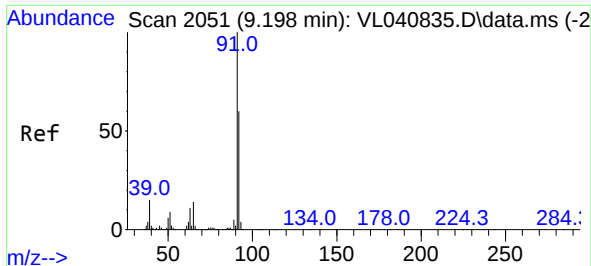


#52
Tetrachloroethene
Concen: 10.050 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. -0.003 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



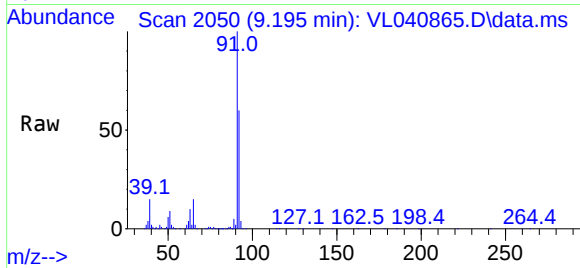
Tgt Ion:164 Resp: 745056
Ion Ratio Lower Upper
164 100
166 118.1 98.3 147.5
129 101.1 85.1 127.7
131 102.3 83.8 125.6





#53
Toluene
Concen: 10.093 ppbv
RT: 9.195 min Scan# 2051
Delta R.T. -0.003 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

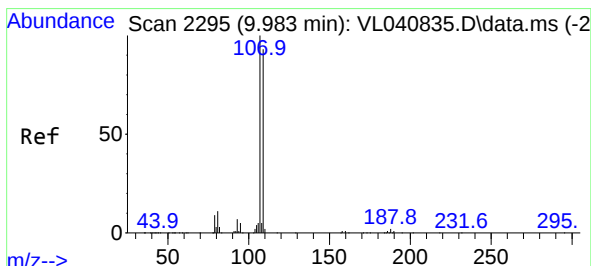
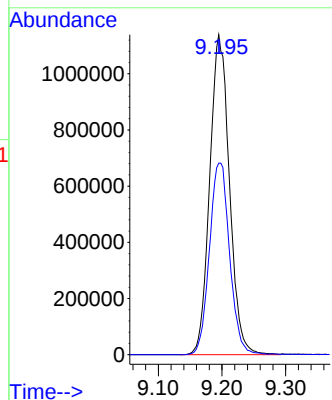
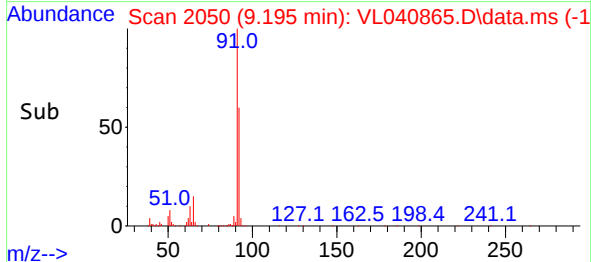
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



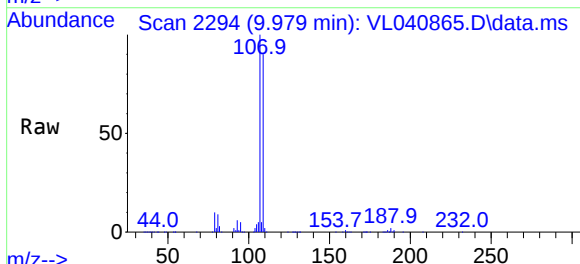
Tgt Ion: 91 Resp: 2445228
Ion Ratio Lower Upper
91 100
92 61.5 49.4 74.2

Manual Integrations
APPROVED

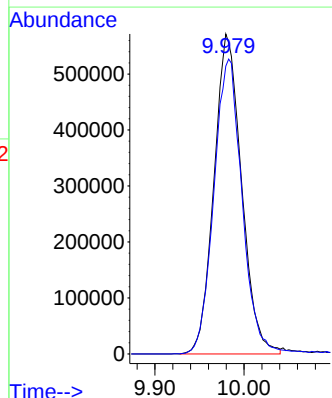
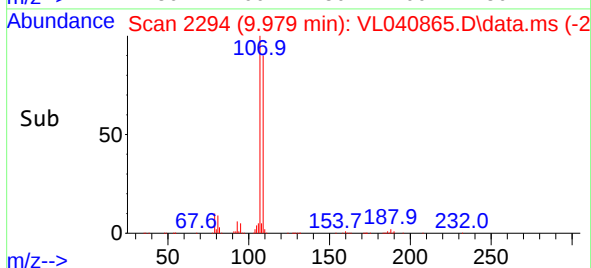
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

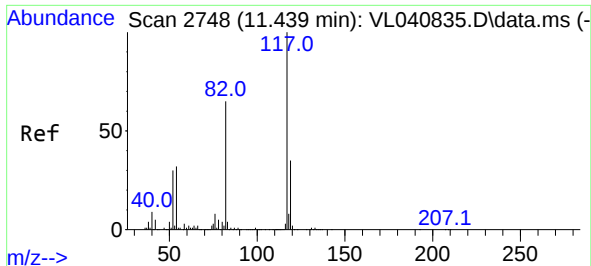


#54
1,2-Dibromoethane
Concen: 10.434 ppbv
RT: 9.979 min Scan# 2294
Delta R.T. -0.003 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



Tgt Ion:107 Resp: 1228210
Ion Ratio Lower Upper
107 100
109 89.9 74.5 111.7





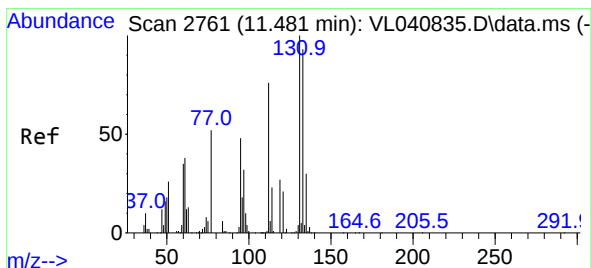
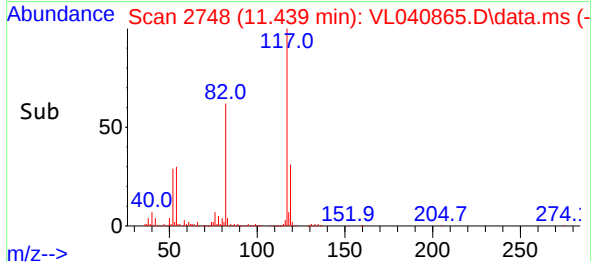
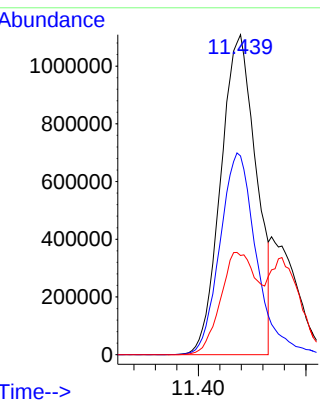
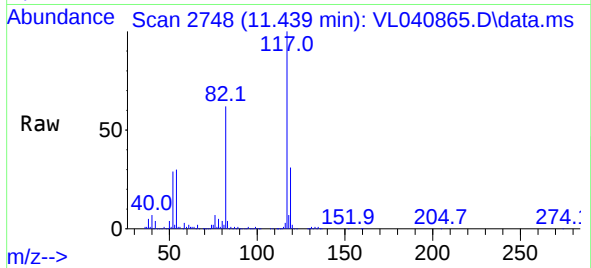
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2748
Delta R.T. 0.000 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 252751
Ion Ratio Lower Upper
117 100
82 65.9 50.6 75.8
119 34.0 23.3 34.9

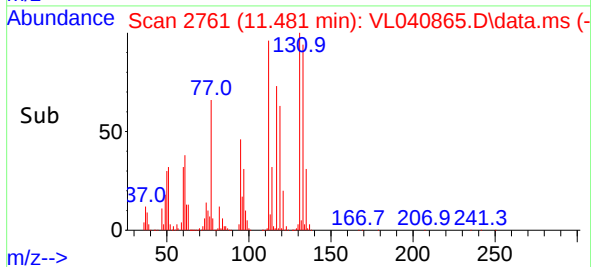
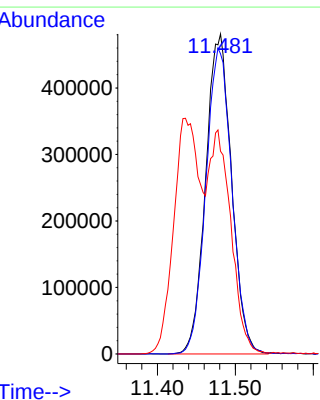
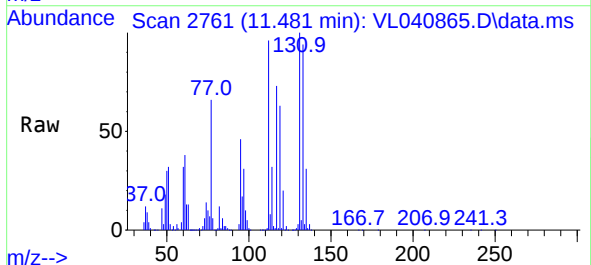
Manual Integrations
APPROVED

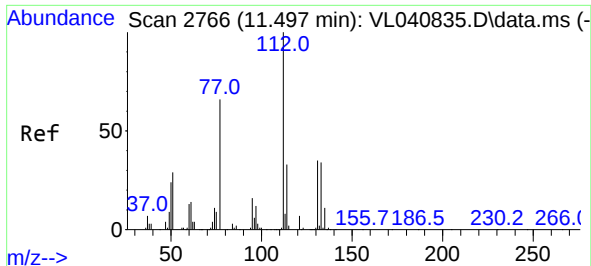
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.247 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.000 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

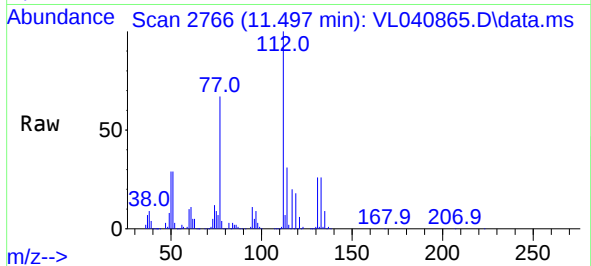
Tgt Ion:131 Resp: 1108432
Ion Ratio Lower Upper
131 100
133 96.6 76.4 114.6
119 68.0 51.1 76.7





#57
Chlorobenzene
Concen: 10.077 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

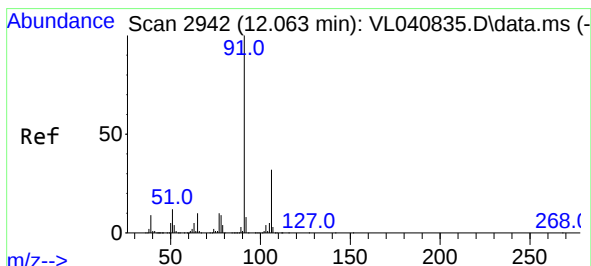
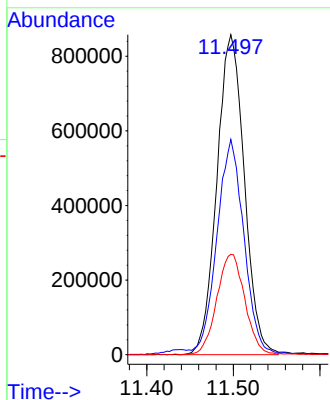
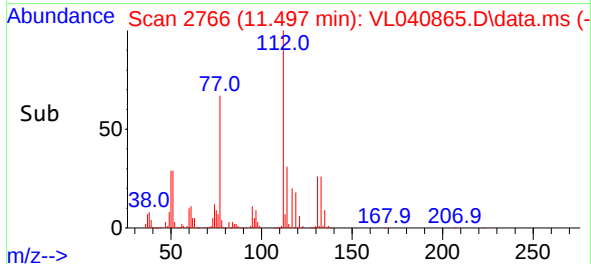
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



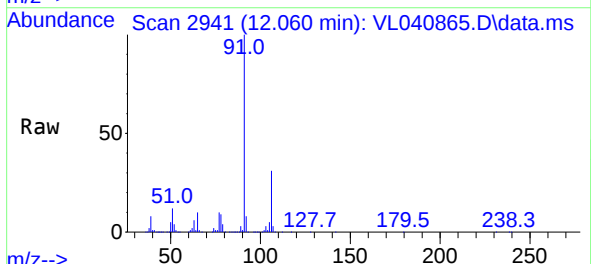
Tgt Ion: 112 Resp: 1887758
Ion Ratio Lower Upper
112 100
77 66.4 53.3 79.9
114 31.3 29.3 35.9

Manual Integrations
APPROVED

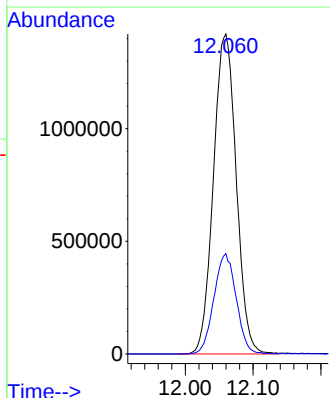
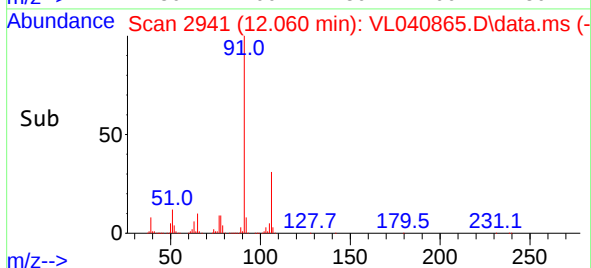
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

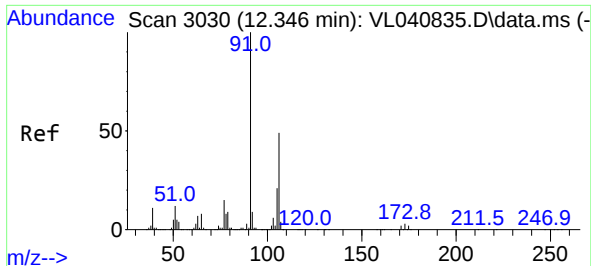


#58
Ethyl Benzene
Concen: 10.068 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. -0.003 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



Tgt Ion: 91 Resp: 3320358
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8





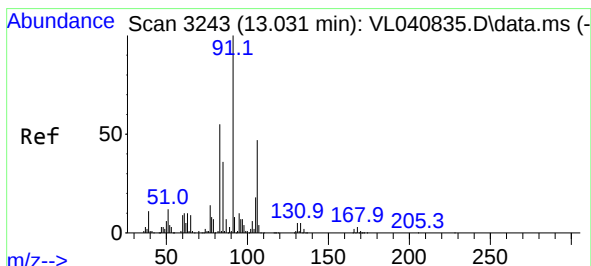
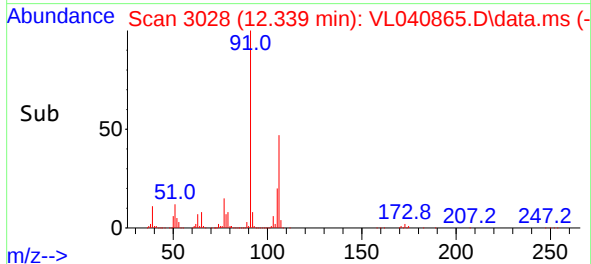
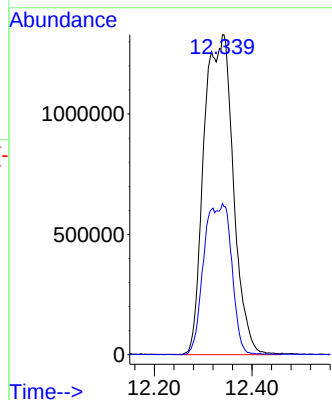
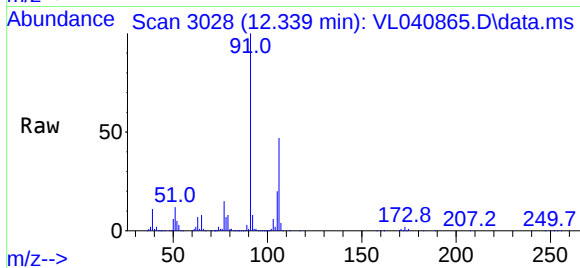
#59
m/p-Xylene
Concen: 19.703 ppbv m
RT: 12.339 min Scan# 3030
Delta R.T. -0.006 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 5533104
Ion Ratio Lower Upper
91 100
106 44.9 35.4 53.0

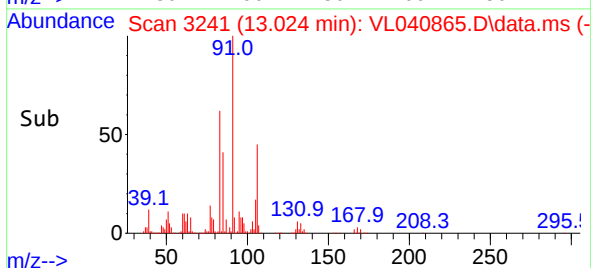
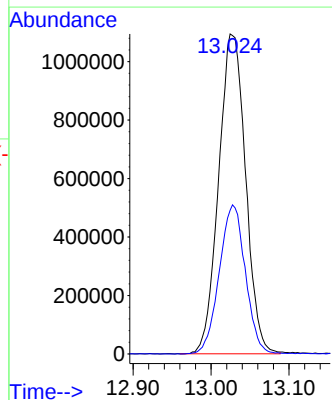
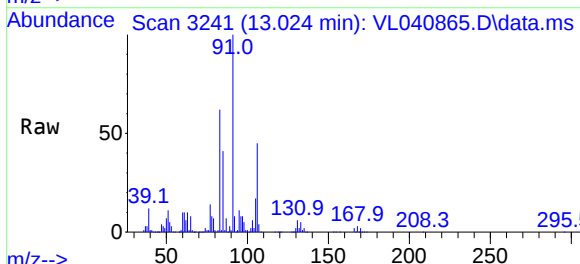
Manual Integrations
APPROVED

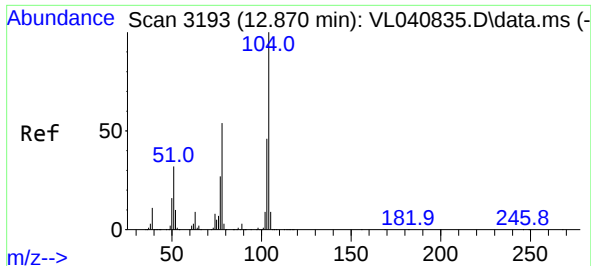
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#60
o-Xylene
Concen: 9.823 ppbv
RT: 13.024 min Scan# 3241
Delta R.T. -0.006 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Tgt Ion: 91 Resp: 2626187
Ion Ratio Lower Upper
91 100
106 45.3 22.9 68.5





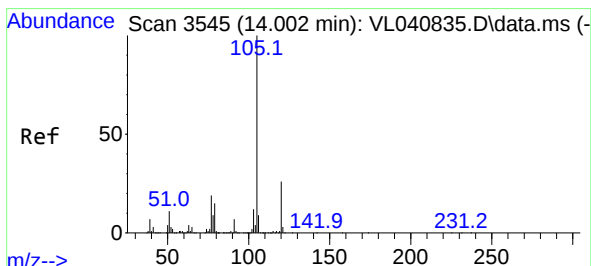
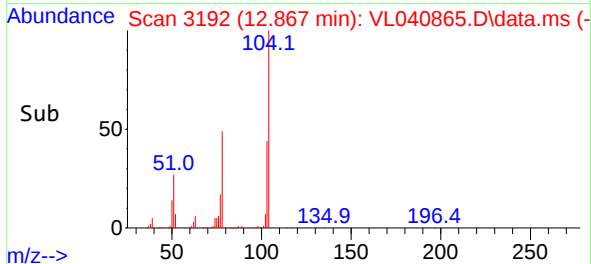
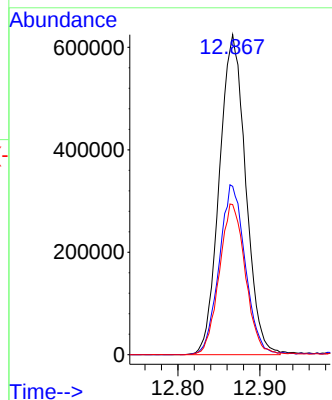
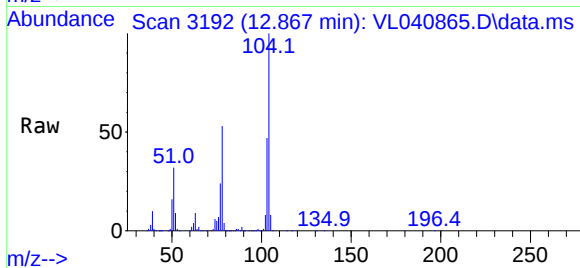
#61
Styrene
Concen: 10.788 ppbv
RT: 12.867 min Scan# 3192
Delta R.T. -0.003 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1390822
Ion Ratio Lower Upper
104 100
78 53.2 43.3 64.9
103 47.0 37.6 56.4

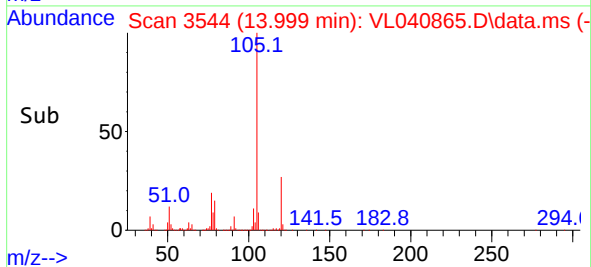
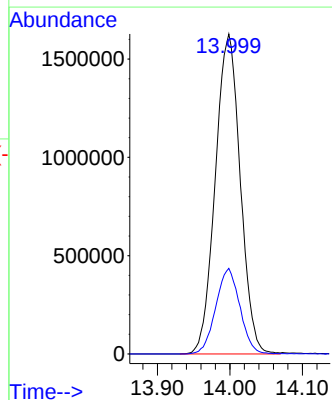
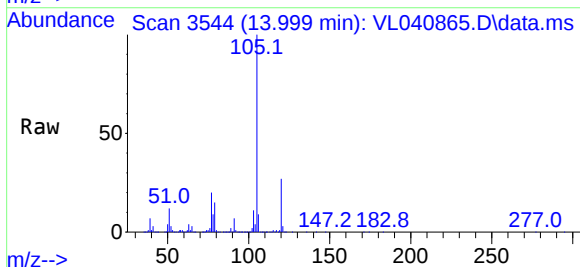
Manual Integrations
APPROVED

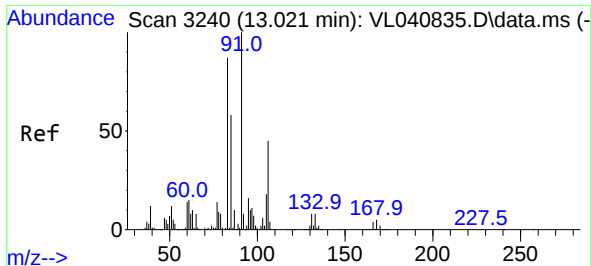
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#62
Isopropylbenzene
Concen: 9.851 ppbv
RT: 13.999 min Scan# 3544
Delta R.T. -0.003 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

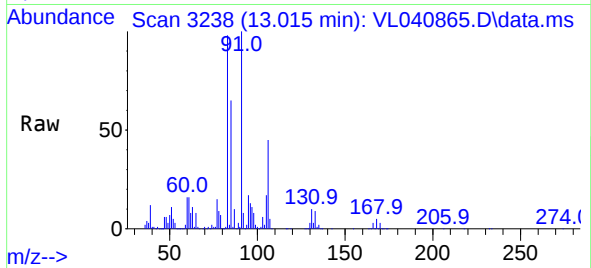
Tgt Ion:105 Resp: 3890737
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.872 ppbv
RT: 13.015 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

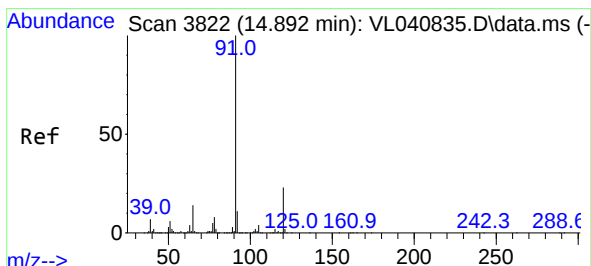
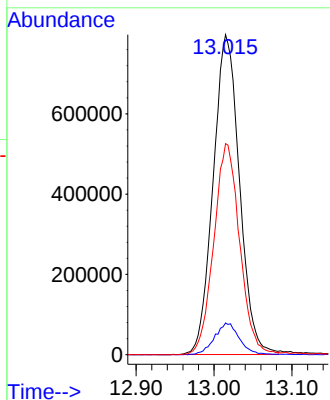
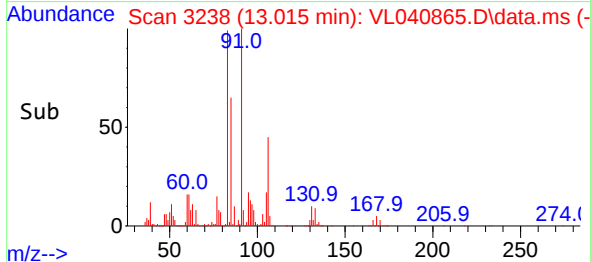
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



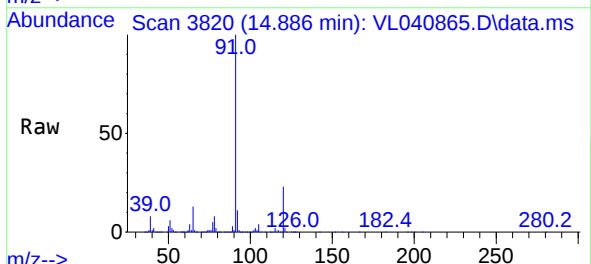
Tgt Ion: 83 Resp: 187047
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.7
85 65.9 32.9 98.7

Manual Integrations
APPROVED

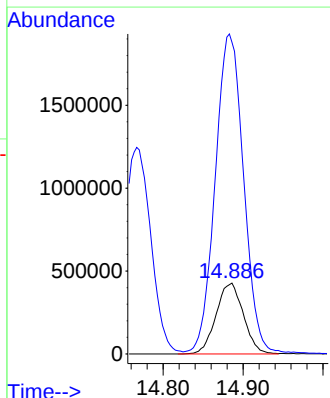
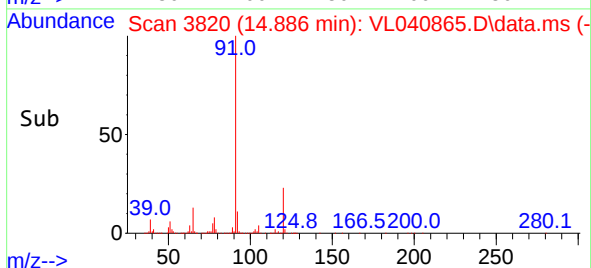
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

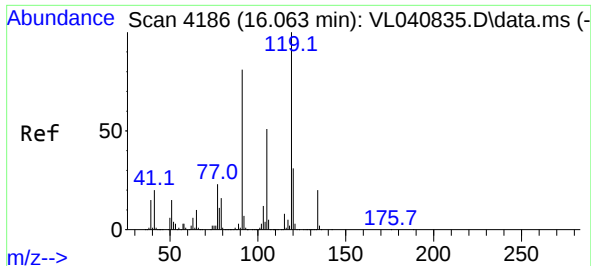


#64
n-propylbenzene
Concen: 10.228 ppbv
RT: 14.886 min Scan# 3820
Delta R.T. -0.006 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



Tgt Ion:120 Resp: 1012520
Ion Ratio Lower Upper
120 100
91 471.2 381.1 571.7





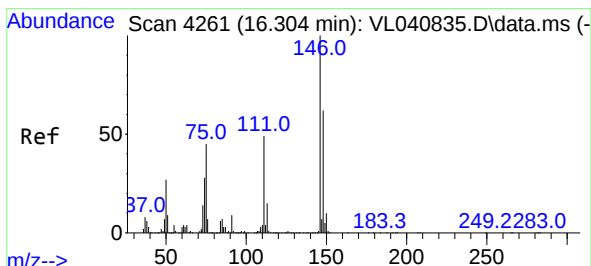
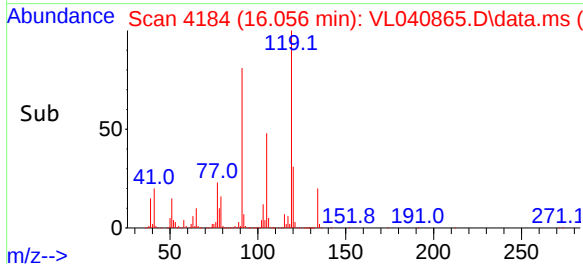
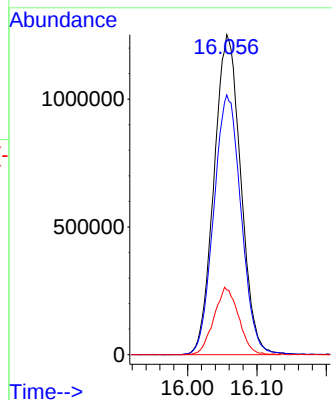
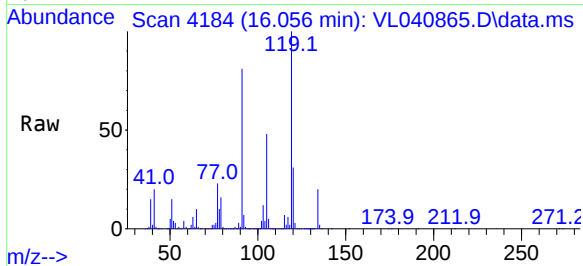
#65
tert-Butylbenzene
Concen: 10.086 ppbv
RT: 16.056 min Scan# 4186
Delta R.T. -0.006 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3359090
Ion Ratio Lower Upper
119 100
91 82.9 67.5 101.3
134 19.5 15.9 23.9

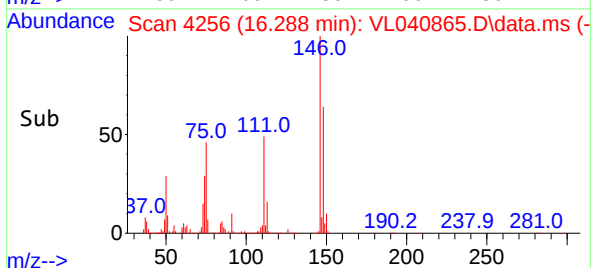
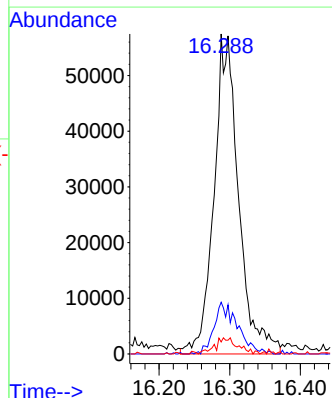
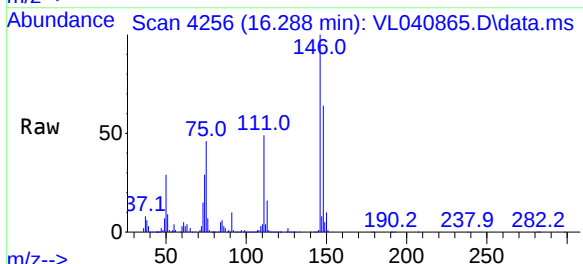
Manual Integrations
APPROVED

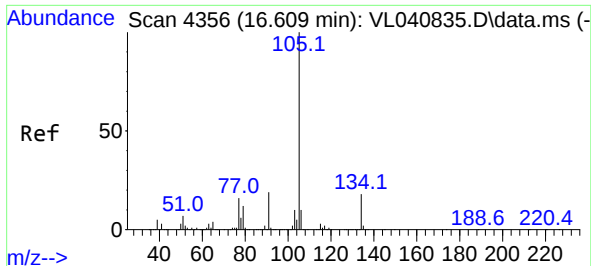
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#66
Benzyl Chloride
Concen: 11.330 ppbv m
RT: 16.288 min Scan# 4256
Delta R.T. -0.016 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

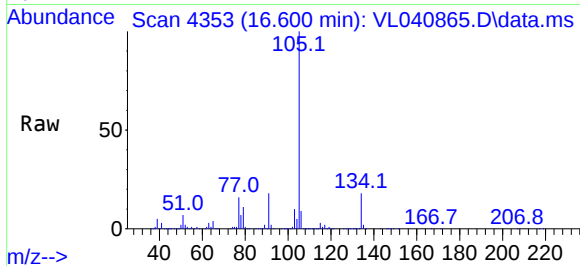
Tgt Ion: 91 Resp: 139040
Ion Ratio Lower Upper
91 100
126 15.6 12.8 19.2
128 4.9 0.0 0.0#





#67
 sec-Butylbenzene
 Concen: 9.944 ppbv
 RT: 16.600 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040865.D
 Acq: 15 Nov 2023 10:52

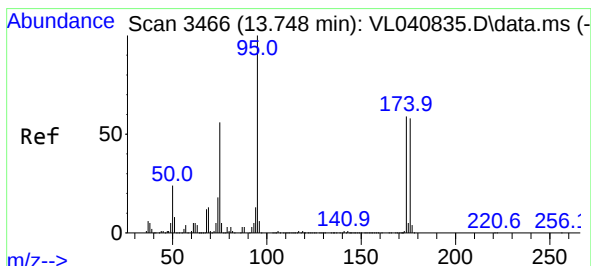
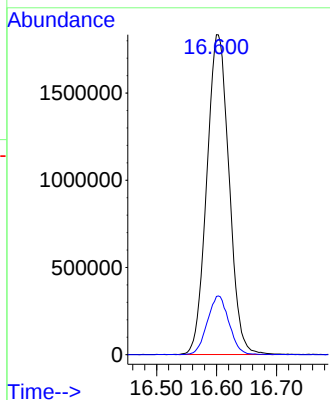
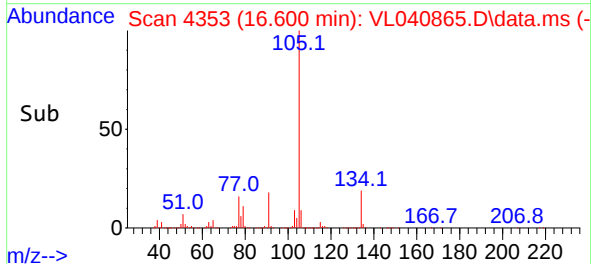
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



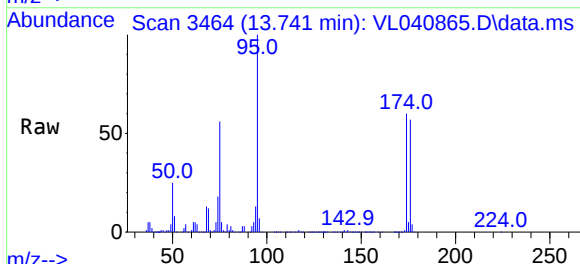
Tgt Ion:105 Resp: 4730850
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5

Manual Integrations
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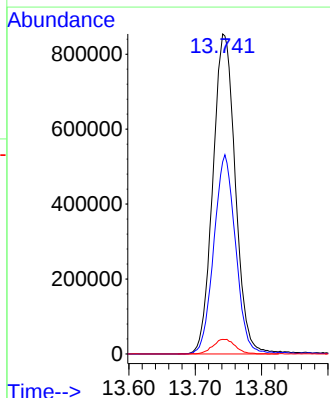
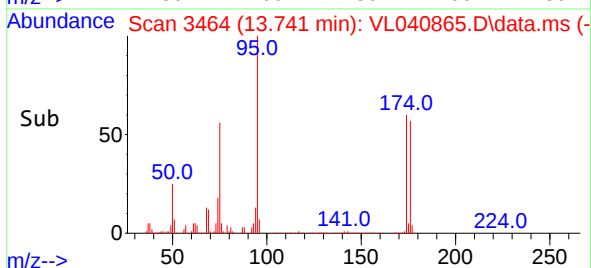
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

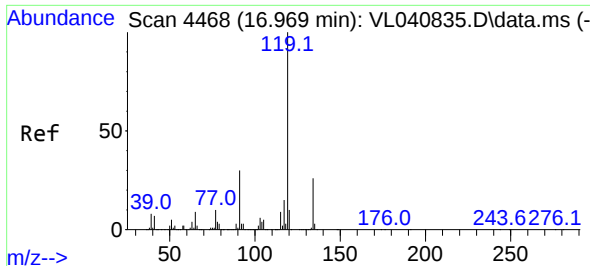


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.152 ppbv
 RT: 13.741 min Scan# 3464
 Delta R.T. -0.006 min
 Lab File: VL040865.D
 Acq: 15 Nov 2023 10:52



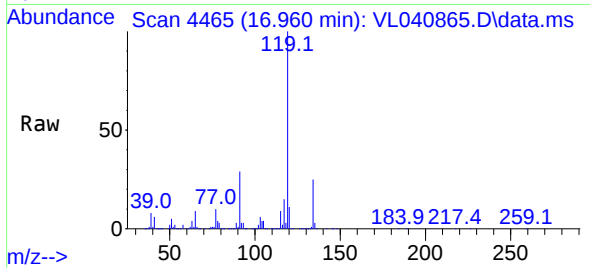
Tgt Ion: 95 Resp: 2008943
 Ion Ratio Lower Upper
 95 100
 174 60.9 47.5 71.3
 175 4.6 3.6 5.4





#69
p-Isopropyltoluene
Concen: 10.174 ppbv
RT: 16.960 min Scan# 4468
Delta R.T. -0.010 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

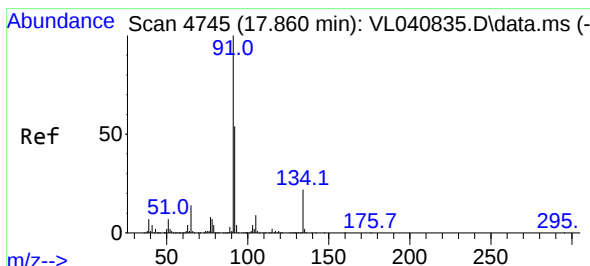
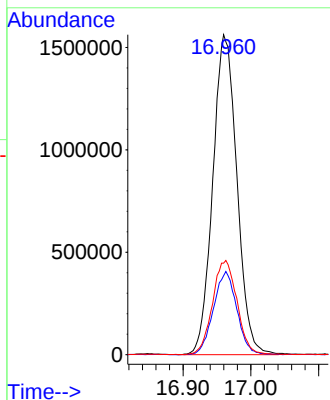
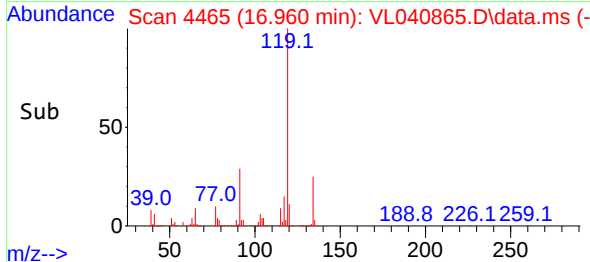
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



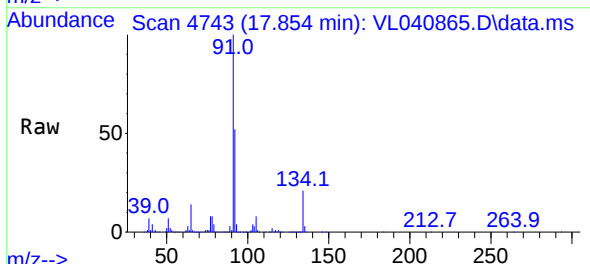
Tgt Ion:119 Resp: 3859599
Ion Ratio Lower Upper
119 100
134 25.3 20.5 30.7
91 29.9 24.7 37.1

Manual Integrations
APPROVED

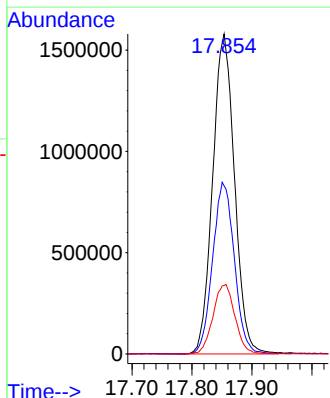
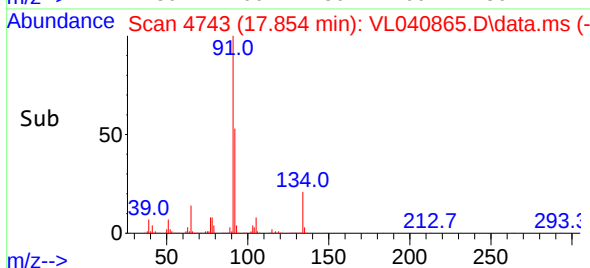
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

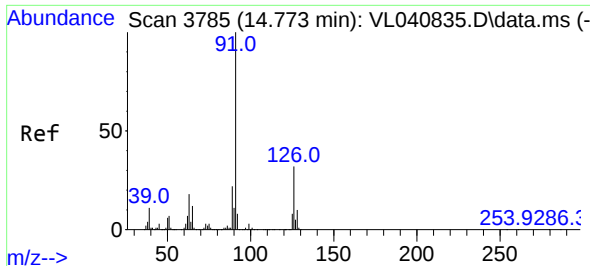


#70
n-Butylbenzene
Concen: 9.968 ppbv
RT: 17.854 min Scan# 4743
Delta R.T. -0.006 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



Tgt Ion: 91 Resp: 3992835
Ion Ratio Lower Upper
91 100
92 53.6 43.4 65.2
134 21.9 17.4 26.0





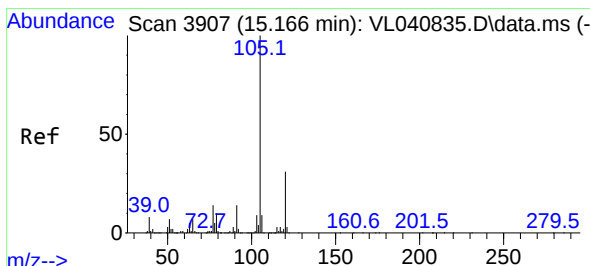
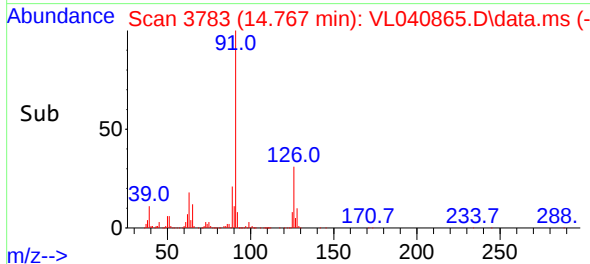
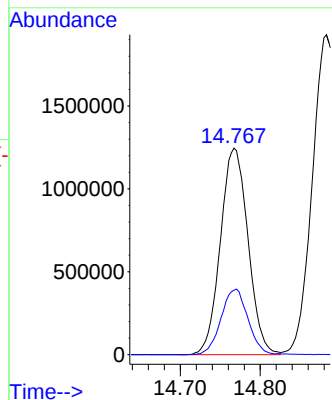
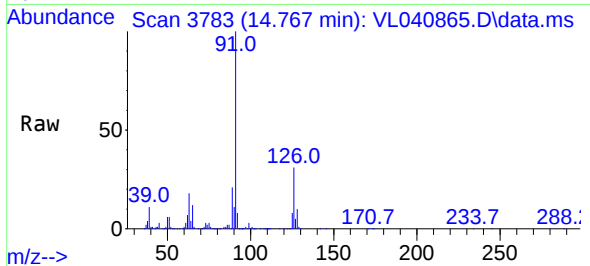
#71
2-Chlorotoluene
Concen: 9.932 ppbv
RT: 14.767 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 299033
Ion Ratio Lower Upper
91 100
126 31.2 12.1 48.5

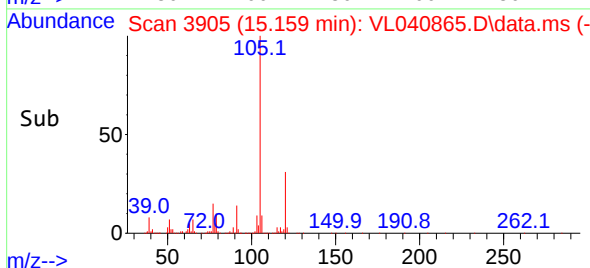
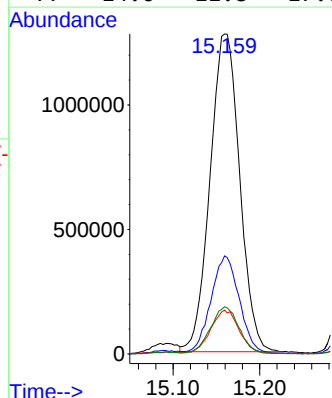
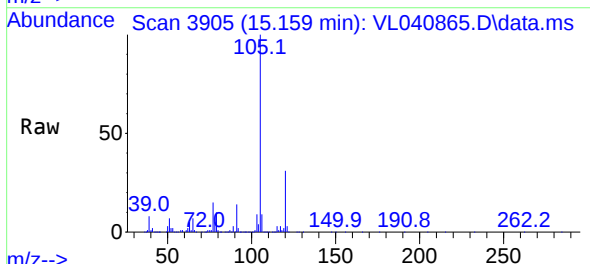
Manual Integrations
APPROVED

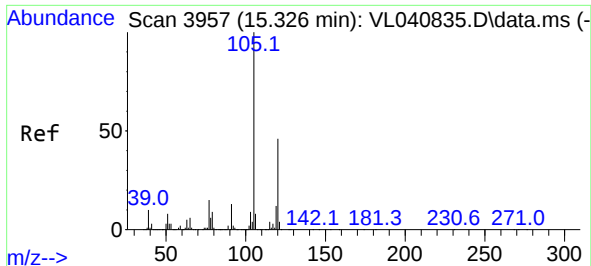
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#72
4-Ethyltoluene
Concen: 10.326 ppbv
RT: 15.159 min Scan# 3905
Delta R.T. -0.006 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

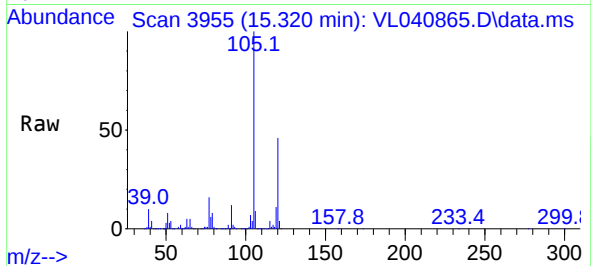
Tgt Ion:105 Resp: 3034691
Ion Ratio Lower Upper
105 100
120 30.0 24.5 36.7
91 13.9 10.6 16.0
77 14.6 11.8 17.6





#73
1,3,5-Trimethylbenzene
Concen: 10.134 ppbv
RT: 15.320 min Scan# 3955
Delta R.T. -0.006 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

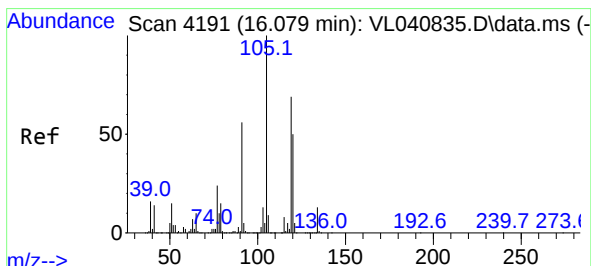
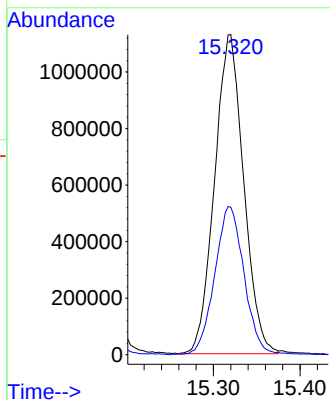
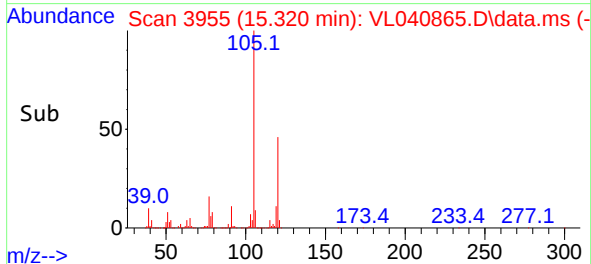
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



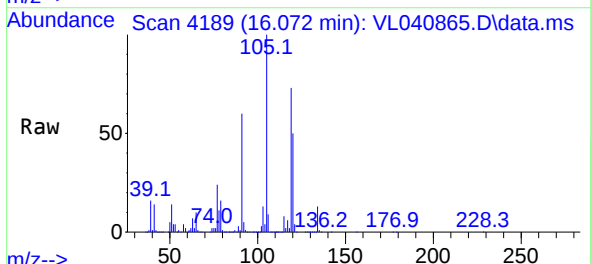
Tgt Ion:105 Resp: 263382
Ion Ratio Lower Upper
105 100
120 45.9 36.8 55.2

Manual Integrations
APPROVED

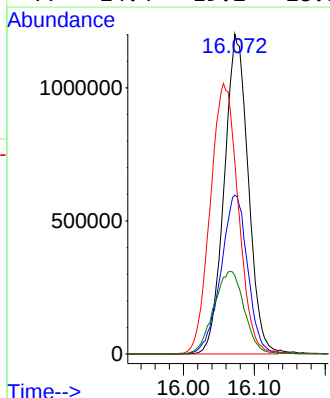
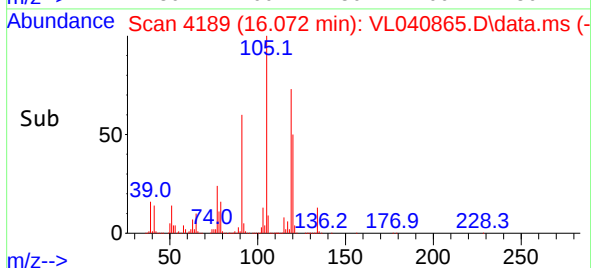
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

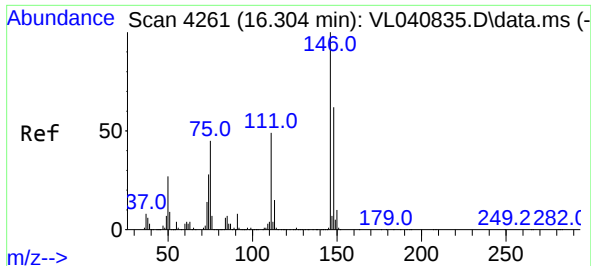


#74
1,2,4-Trimethylbenzene
Concen: 9.782 ppbv
RT: 16.072 min Scan# 4189
Delta R.T. -0.006 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



Tgt Ion:105 Resp: 2837325
Ion Ratio Lower Upper
105 100
120 49.6 40.2 60.2
91 60.1 45.7 68.5
77 24.4 19.2 28.8





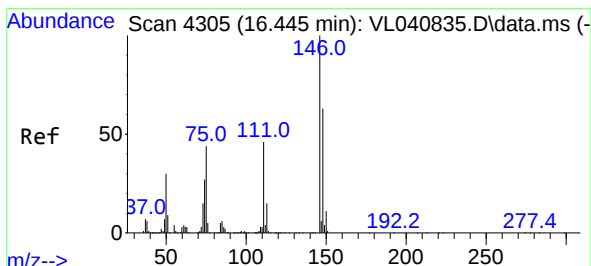
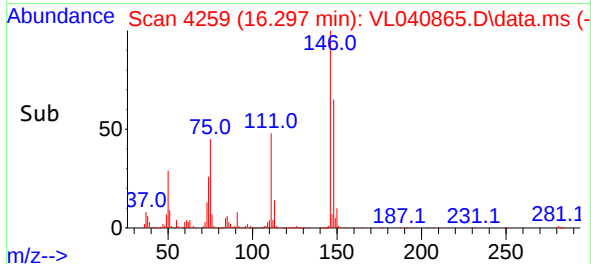
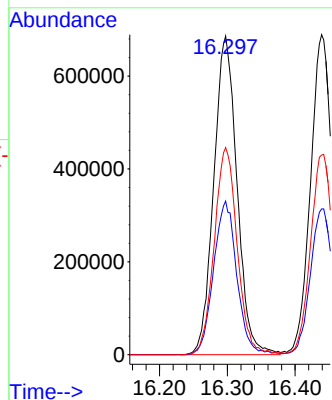
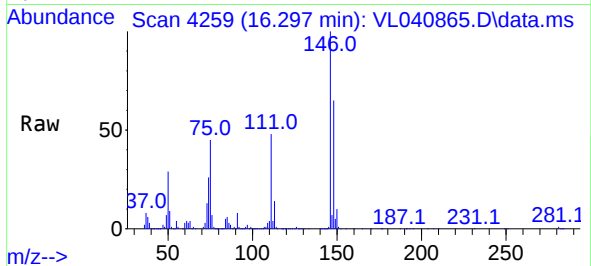
#75
1,3-Dichlorobenzene
Concen: 10.203 ppbv
RT: 16.297 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 163411
Ion Ratio Lower Upper
146 100
111 48.4 24.9 74.8
148 64.4 32.1 96.5

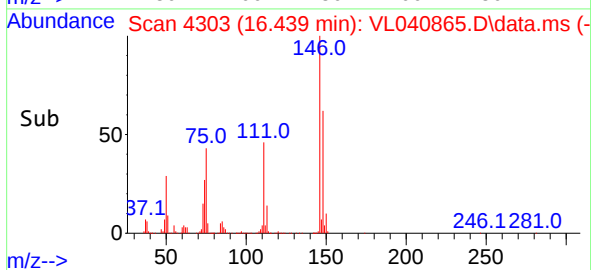
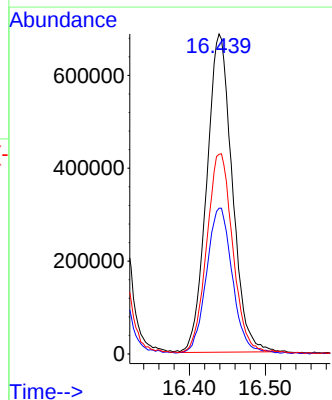
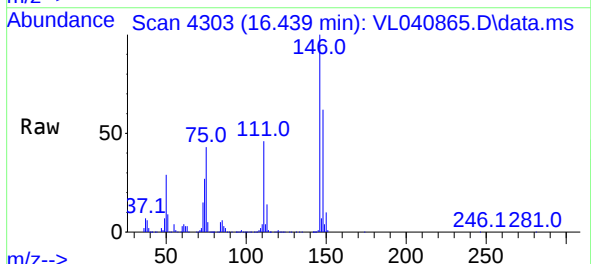
Manual Integrations
APPROVED

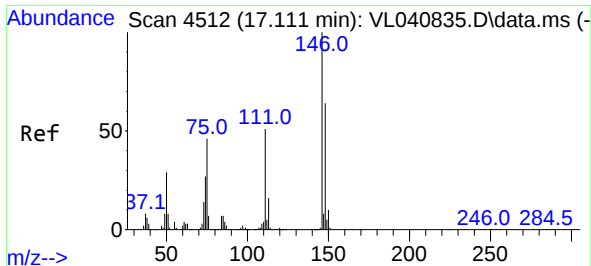
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#76
1,4-Dichlorobenzene
Concen: 10.406 ppbv
RT: 16.439 min Scan# 4303
Delta R.T. -0.006 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

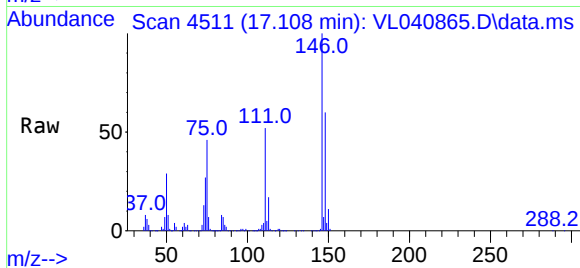
Tgt Ion:146 Resp: 1595530
Ion Ratio Lower Upper
146 100
111 46.9 24.1 72.4
148 65.3 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 9.891 ppbv
RT: 17.108 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

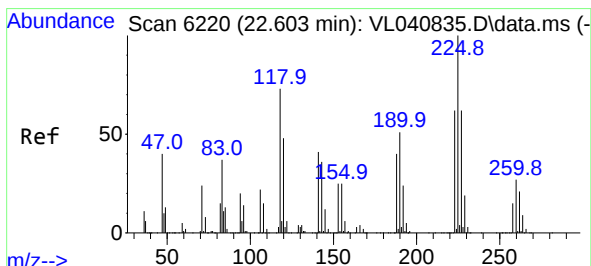
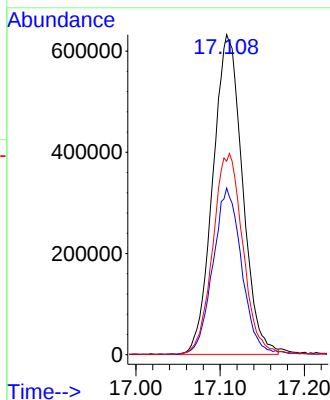
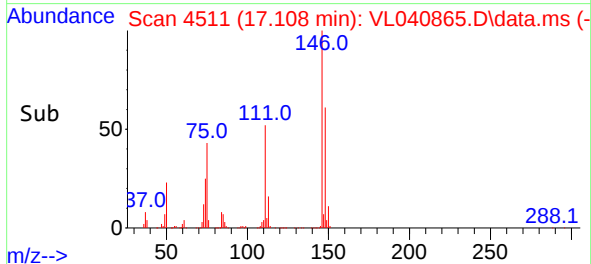
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



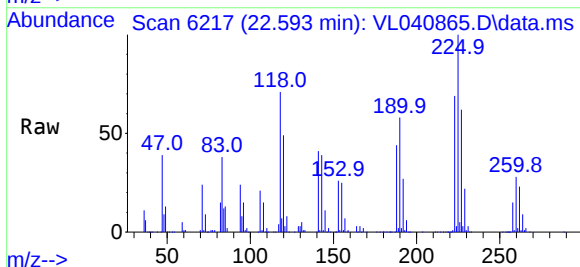
Tgt Ion:146 Resp: 154022
Ion Ratio Lower Upper
146 100
111 50.7 25.7 77.1
148 64.0 32.3 96.9

Manual Integrations
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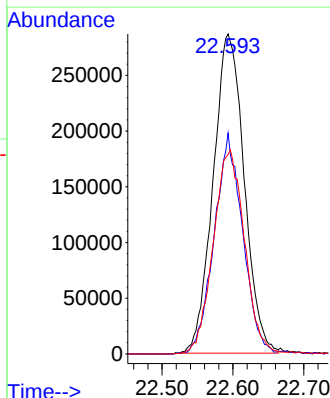
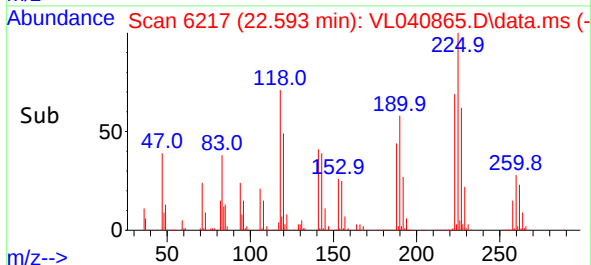
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

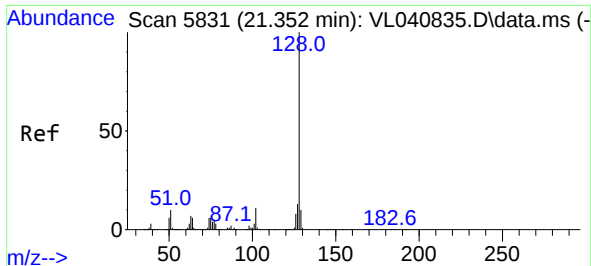


#78
Hexachloro-1,3-Butadiene
Concen: 8.935 ppbv
RT: 22.593 min Scan# 6217
Delta R.T. -0.010 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



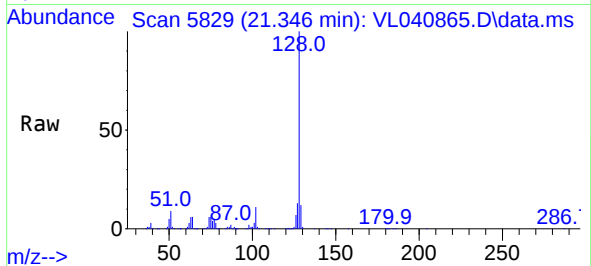
Tgt Ion:225 Resp: 871224
Ion Ratio Lower Upper
225 100
223 64.1 51.1 76.7
227 64.8 50.8 76.2





#79
Naphthalene
Concen: 12.582 ppbv
RT: 21.346 min Scan# 5829
Delta R.T. -0.006 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

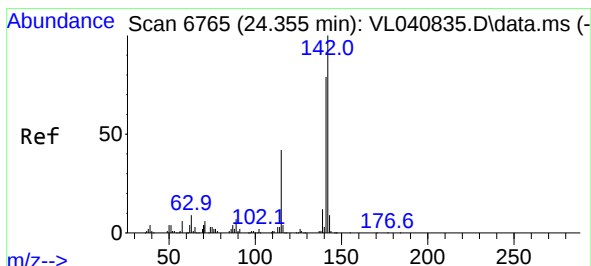
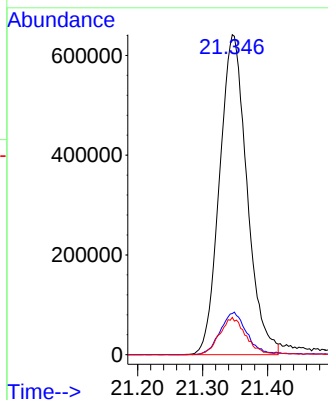
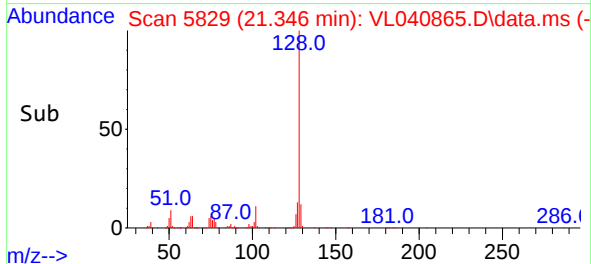
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



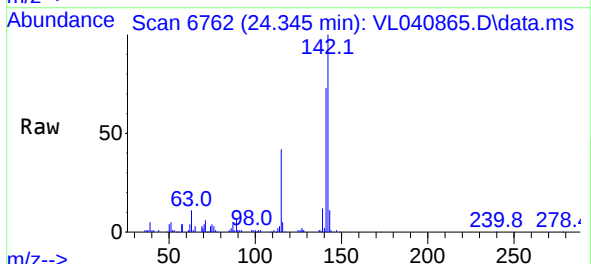
Tgt Ion:128 Resp: 1875640
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.6 8.3 12.5

Manual Integrations
APPROVED

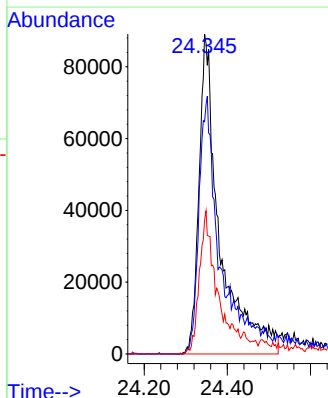
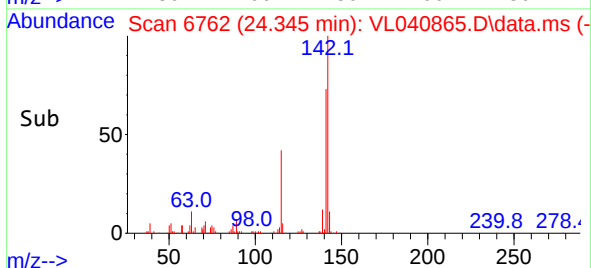
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

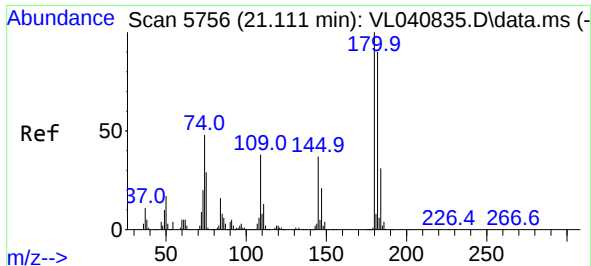


#80
Naphthalene,2-methyl-
Concen: 11.880 ppbv
RT: 24.345 min Scan# 6762
Delta R.T. -0.010 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52



Tgt Ion:142 Resp: 312644
Ion Ratio Lower Upper
142 100
141 87.2 65.8 98.8
115 41.0 35.6 53.4





#81
1,2,4-Trichlorobenzene
Concen: 10.790 ppbv
RT: 21.104 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL040865.D
Acq: 15 Nov 2023 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 977910
Ion Ratio Lower Upper
180 100
182 96.7 77.6 116.4
184 30.4 24.2 36.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

