

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040844.D
 Acq On : 14 Nov 2023 9:54
 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 :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 14 10:29:21 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	1068379	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.642	114	2890955	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2711335m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.751 95 2166094 10.204 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.742	85	2114232	9.761	ppbv	100
3) Chlorodifluoromethane	2.687	51	1675084	9.820	ppbv	98
4) Chloromethane	2.825	50	592927	9.666	ppbv	99
5) Vinyl Chloride	2.931	62	620756	10.175	ppbv	99
6) Bromomethane	3.128	94	232061	9.965	ppbv	94
7) Chloroethane	3.205	64	216911	10.268	ppbv	99
8) Dichlorotetrafluoroethane	2.867	85	1534597	9.813	ppbv	99
9) Propene	2.706	41	555572	9.664	ppbv	98
10) Heptane	7.565	43	1415603	10.010	ppbv	99
11) Trichlorofluoromethane	3.565	101	1668257	10.024	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.066	101	1174770	9.937	ppbv	99
13) Ethanol	3.250	45	100981	9.046	ppbv #	100
14) Bromoethene	3.372	108	483023	10.158	ppbv	97
15) Acetone	3.472	43	1078804	9.481	ppbv	98
16) 1,3-Butadiene	2.996	39	613804	10.663	ppbv	99
17) tert-Butyl alcohol	3.880	59	1096381	11.267	ppbv	100
18) 1,1-Dichloroethene	3.883	96	506691	9.616	ppbv	98
19) Isopropyl Alcohol	3.581	45	754963	11.025	ppbv	99
20) Methylene Chloride	3.935	84	423846	9.026	ppbv	95
21) Allyl Chloride	3.999	41	759840	10.435	ppbv	100
22) trans-1,2-Dichloroethene	4.443	96	567578	9.491	ppbv	95
23) Vinyl Acetate	4.623	43	1363064	9.277	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1131879	8.643	ppbv	98
25) Ethyl Acetate	5.198	43	2304183	9.780	ppbv	99
26) Hexane	5.205	57	988460	9.479	ppbv	99
27) Carbon Disulfide	4.124	76	1360493	10.289	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	831774	8.820	ppbv	99
29) Chloroform	5.269	83	1685690	9.538	ppbv	93
30) Cyclohexane	6.590	84	906278	10.103	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	856764	8.303	ppbv	97
32) 1,1,1-Trichloroethane	5.996	97	1744534	10.580	ppbv	99
34) 2-Butanone	4.780	43	1257109	8.536	ppbv	100
35) Carbon Tetrachloride	6.481	117	1847609	10.417	ppbv	98
36) Benzene	6.359	78	2220700	9.465	ppbv	98
37) 1,2-Dichloroethane	5.799	62	1349078	9.749	ppbv	100
38) Trichloroethene	7.275	130	853928	9.363	ppbv	99
39) 1,2-Dichloropropane	7.060	63	881421	9.475	ppbv	98
40) 1,4-Dioxane	7.269	88	369336	10.006	ppbv #	93
41) Tetrahydrofuran	5.545	42	890715	9.823	ppbv	98
42) Bromodichloromethane	7.237	83	1980032	9.998	ppbv	100
43) Methyl Methacrylate	7.462	69	932572	10.430	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	3706989	9.511	ppbv	100
45) t-1,3-Dichloropropene	8.693	75	600259	11.424	ppbv	96

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

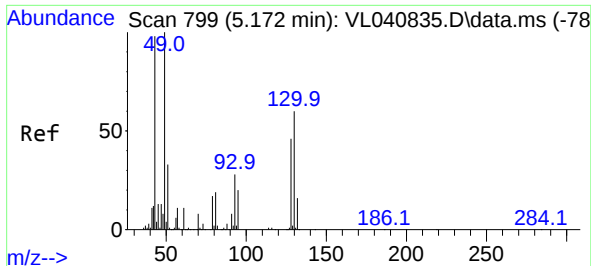
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

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

Response via : Initial Calibration

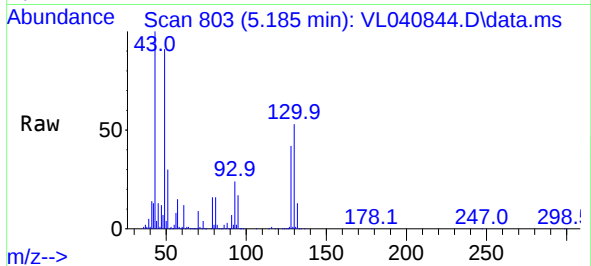
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	742569	10.900	ppbv	96
47) 1,1,2-Trichloroethane	8.880	97	928061	9.520	ppbv	98
48) Dibromochloromethane	9.690	129	1651841	10.212	ppbv	99
49) Bromoform	12.388	173	1298903	10.676	ppbv	99
50) 4-Methyl-2-Pentanone	8.166	43	2338974	10.262	ppbv	100
51) 2-Hexanone	9.529	43	1707390	10.627	ppbv	99
52) Tetrachloroethene	10.594	164	766677	9.703	ppbv	97
53) Toluene	9.201	91	2541922	9.845	ppbv	99
54) 1,2-Dibromoethane	9.989	107	1286875	10.258	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.491	131	1162072	10.014	ppbv	98
57) Chlorobenzene	11.507	112	1951762	9.712	ppbv	99
58) Ethyl Benzene	12.069	91	3448610	9.748	ppbv	99
59) m/p-Xylene	12.349	91	5812092m	19.293	ppbv	
60) o-Xylene	13.037	91	2758328	9.618	ppbv	99
61) Styrene	12.876	104	1439348	10.407	ppbv	99
62) Isopropylbenzene	14.008	105	4049367	9.557	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.024	83	1988472	9.783	ppbv	100
64) n-propylbenzene	14.896	120	1052833	9.915	ppbv	99
65) tert-Butylbenzene	16.066	119	3506244	9.815	ppbv	100
66) Benzyl Chloride	16.304	91	132292	10.049	ppbv #	93
67) sec-Butylbenzene	16.613	105	4931207	9.663	ppbv	99
69) p-Isopropyltoluene	16.969	119	3976654	9.772	ppbv	100
70) n-Butylbenzene	17.860	91	4175512	9.717	ppbv	100
71) 2-Chlorotoluene	14.777	91	3151655	9.758	ppbv	99
72) 4-Ethyltoluene	15.169	105	3174092	10.068	ppbv	99
73) 1,3,5-Trimethylbenzene	15.326	105	2731673	9.798	ppbv	100
74) 1,2,4-Trimethylbenzene	16.085	105	2971711	9.551	ppbv	96
75) 1,3-Dichlorobenzene	16.307	146	1700536	9.898	ppbv	99
76) 1,4-Dichlorobenzene	16.452	146	1646146	10.008	ppbv	99
77) 1,2-Dichlorobenzene	17.121	146	1617964	9.686	ppbv	99
78) Hexachloro-1,3-Butadiene	22.606	225	909073	8.691	ppbv	99
79) Naphthalene	21.362	128	2070689	12.948	ppbv	98
80) Naphthalene,2-methyl-	24.355	142	469142	16.619	ppbv	94
81) 1,2,4-Trichlorobenzene	21.117	180	1044598	10.745	ppbv	99

(#) = 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: VL040844.D
Acq: 14 Nov 2023 9:54

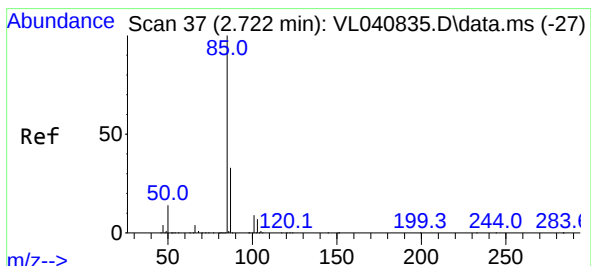
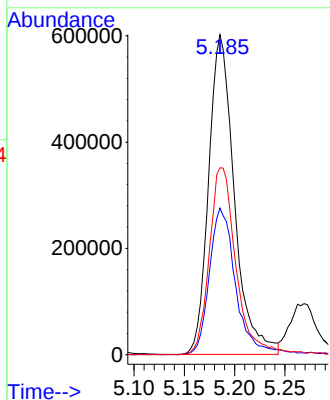
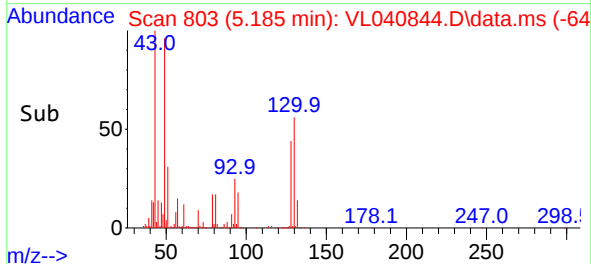
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



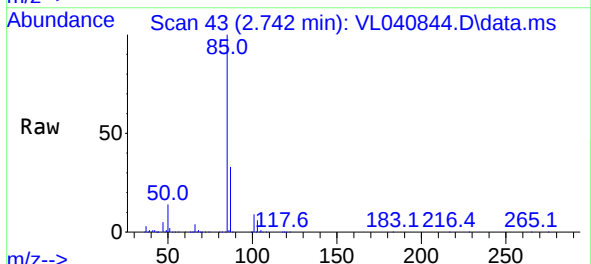
Tgt Ion: 49 Resp: 1068379
Ion Ratio Lower Upper
49 100
128 47.6 23.8 71.2
130 61.3 30.9 92.8

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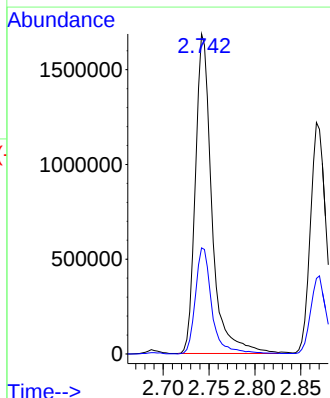
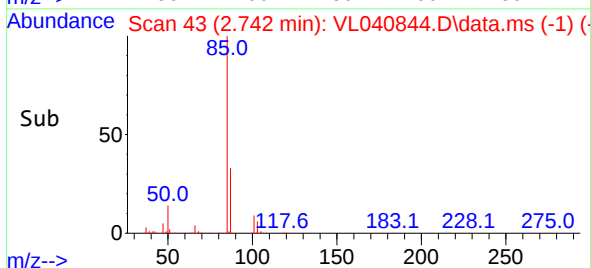
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

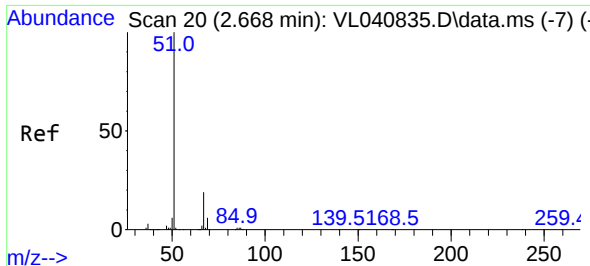


#2
Dichlorodifluoromethane
Concen: 9.761 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.019 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



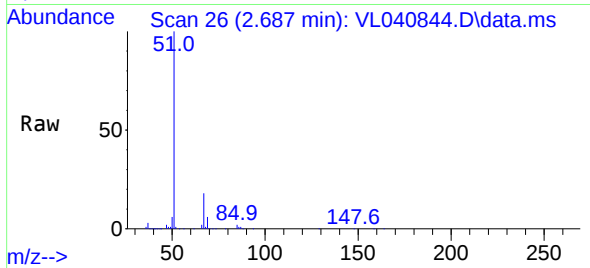
Tgt Ion: 85 Resp: 2114232
Ion Ratio Lower Upper
85 100
87 33.2 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.820 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

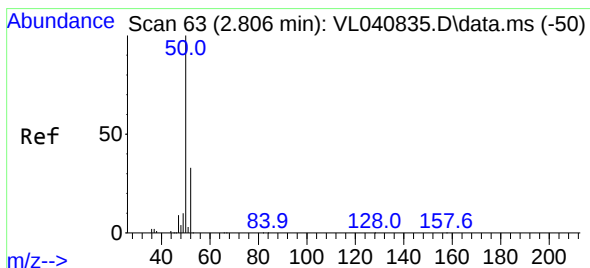
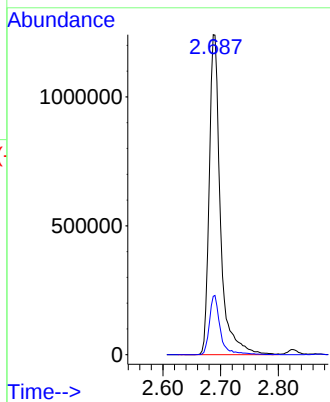
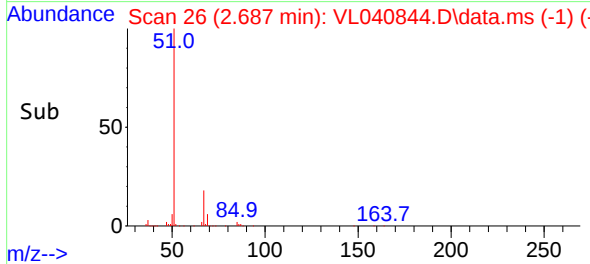
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 1675084
Ion Ratio Lower Upper
51 100
67 18.0 15.0 22.4

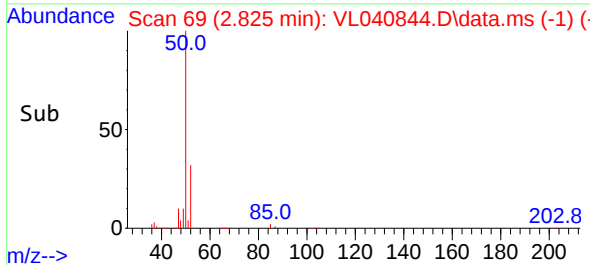
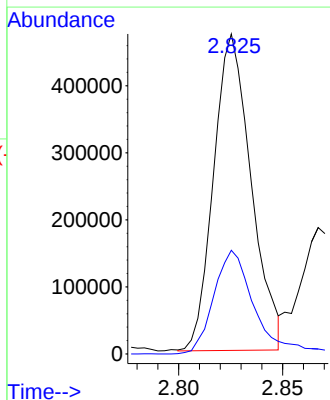
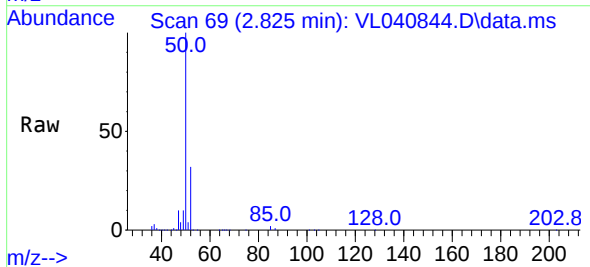
Manual Integrations
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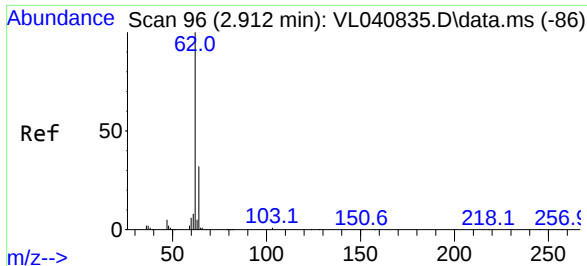
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#4
Chloromethane
Concen: 9.666 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.019 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 50 Resp: 592927
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7





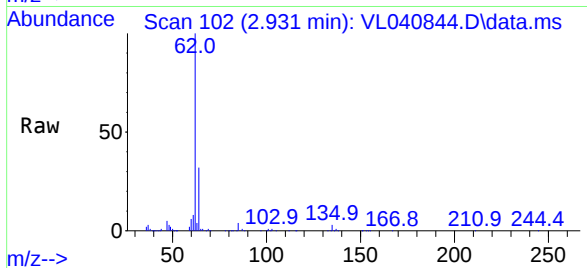
#5
 Vinyl Chloride
 Concen: 10.175 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. 0.019 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

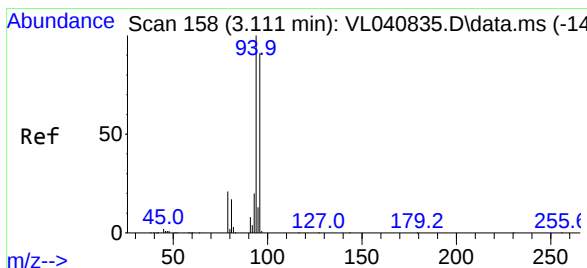
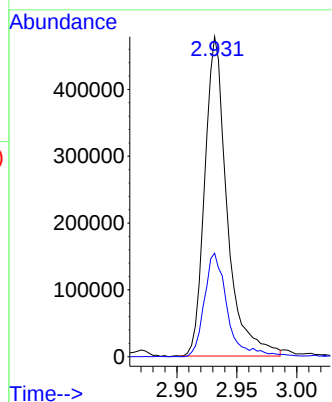
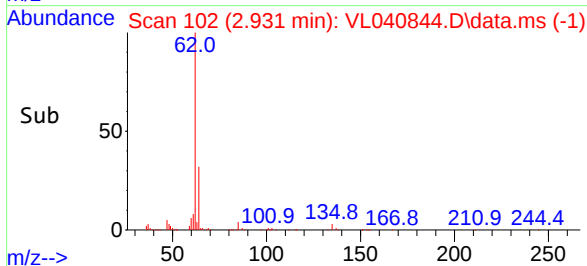


Tgt Ion: 62 Resp: 620750
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.4 38.2

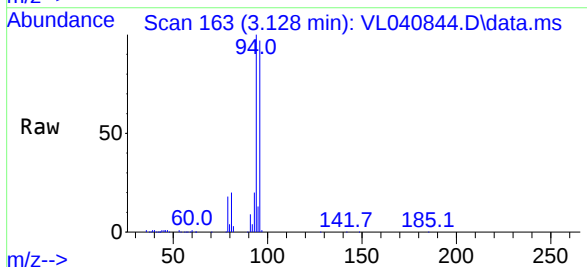
Manual Integrations

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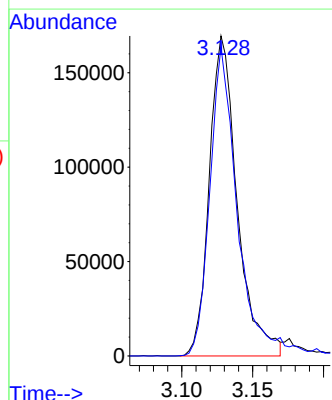
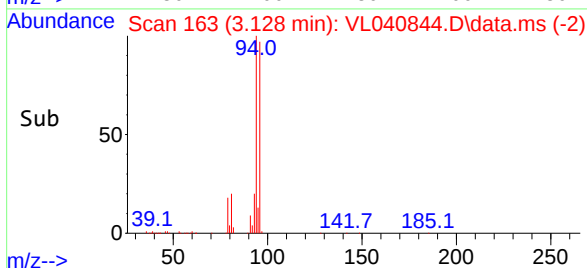
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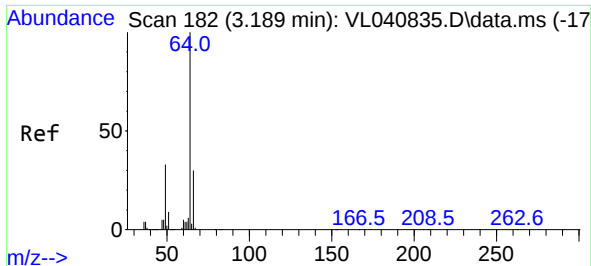


#6
 Bromomethane
 Concen: 9.965 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. 0.016 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54



Tgt Ion: 94 Resp: 232061
 Ion Ratio Lower Upper
 94 100
 96 96.5 73.0 109.4





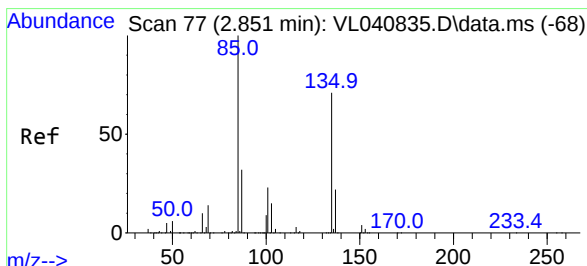
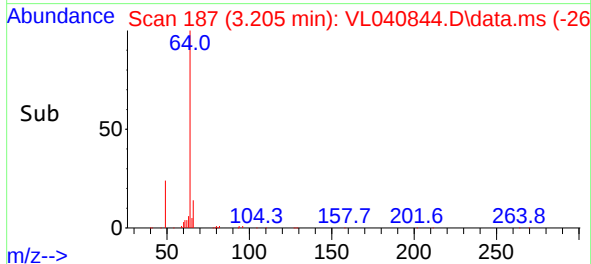
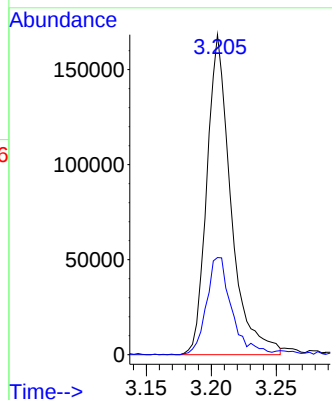
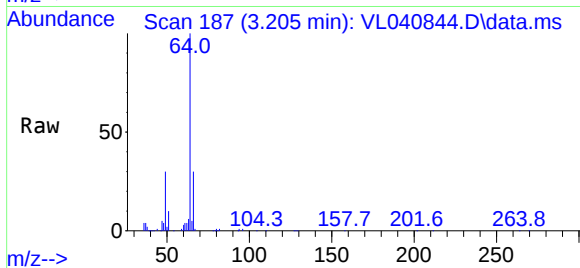
#7
Chloroethane
Concen: 10.268 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 21691
Ion Ratio Lower Upper
64 100
66 30.3 23.8 35.6

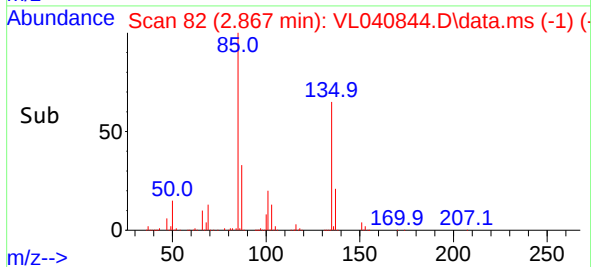
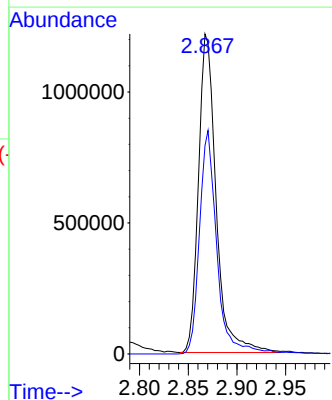
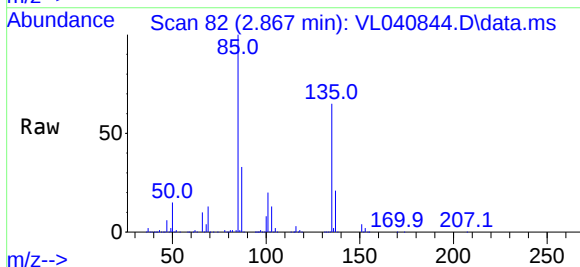
Manual Integrations
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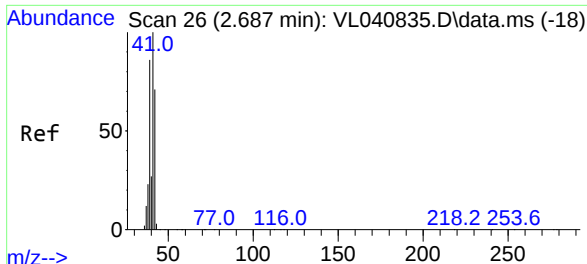
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#8
Dichlorotetrafluoroethane
Concen: 9.813 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 85 Resp: 1534597
Ion Ratio Lower Upper
85 100
135 69.8 55.3 82.9





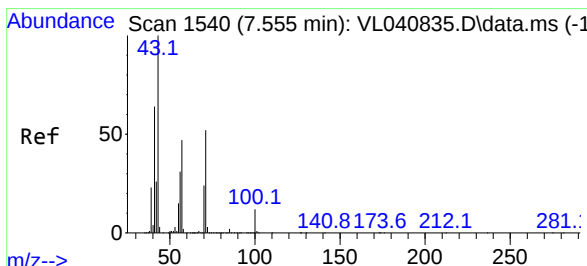
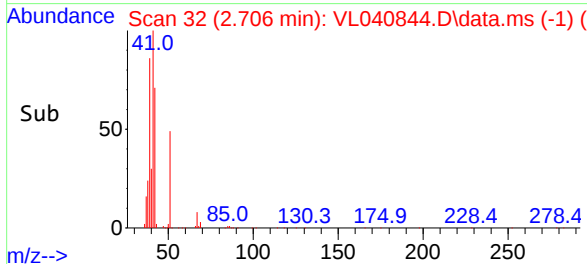
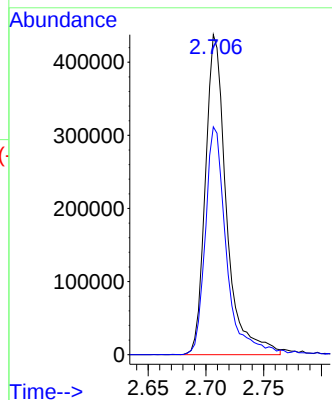
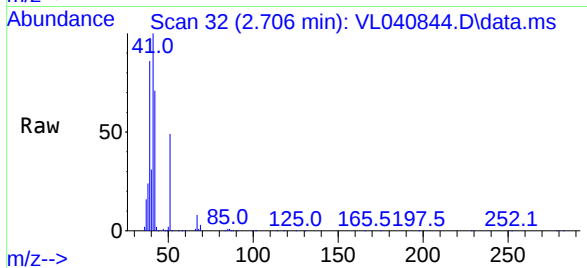
#9
Propene
Concen: 9.664 ppbv
RT: 2.706 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 555572
Ion Ratio Lower Upper
41 100
42 72.6 56.5 84.7

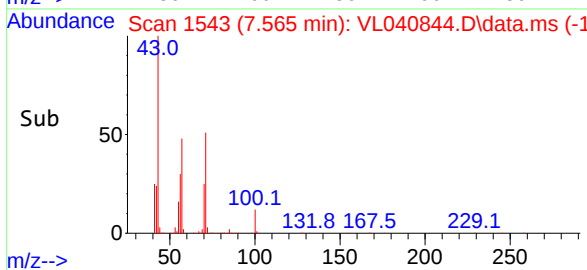
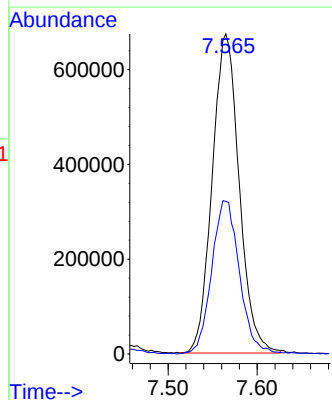
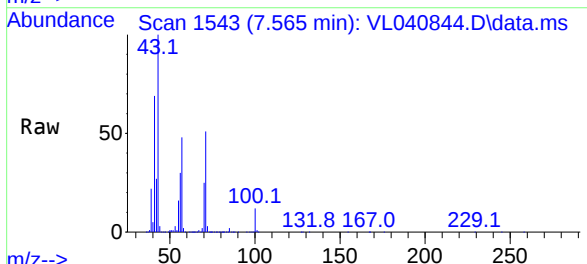
Manual Integrations
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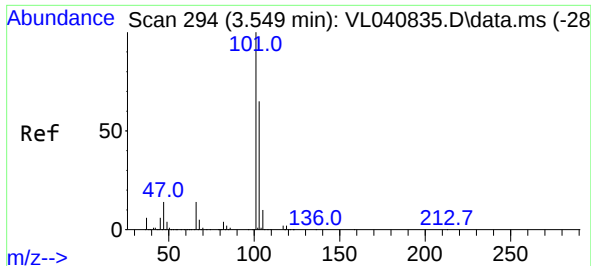
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#10
Heptane
Concen: 10.010 ppbv
RT: 7.565 min Scan# 1543
Delta R.T. 0.010 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 43 Resp: 1415603
Ion Ratio Lower Upper
43 100
57 49.6 39.4 59.0





#11
 Trichlorofluoromethane
 Concen: 10.024 ppbv
 RT: 3.565 min Scan# 294
 Delta R.T. 0.016 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

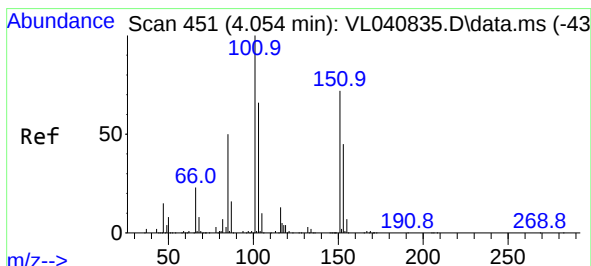
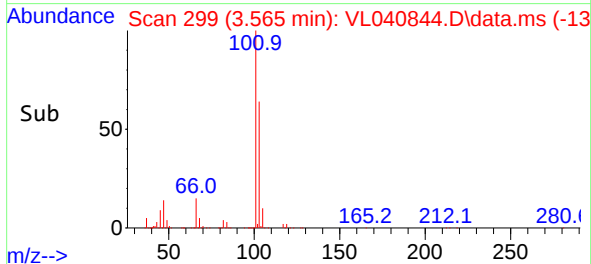
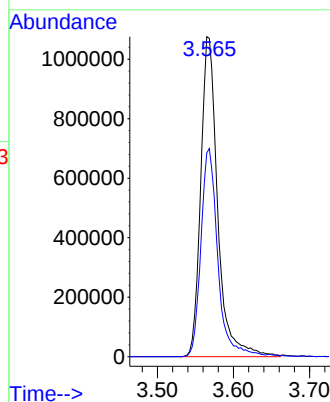
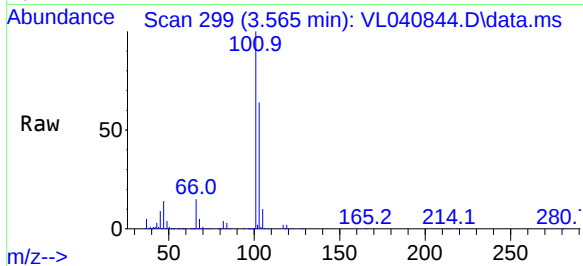
VSTDCCC010

Tgt Ion:101 Resp: 166825
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.8 77.8

Manual Integrations

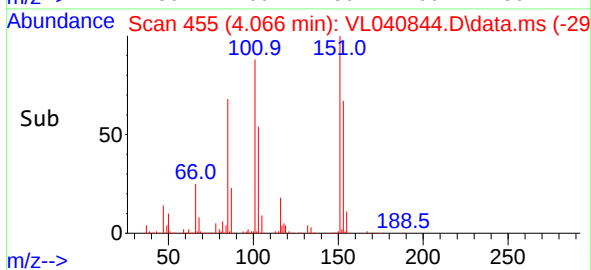
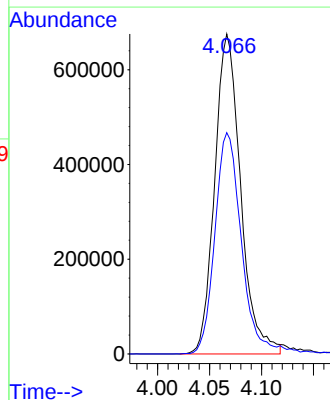
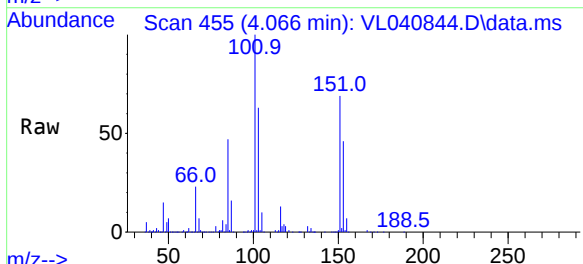
APPROVED

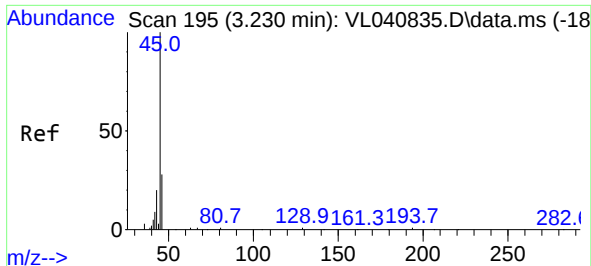
Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.937 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. 0.013 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54

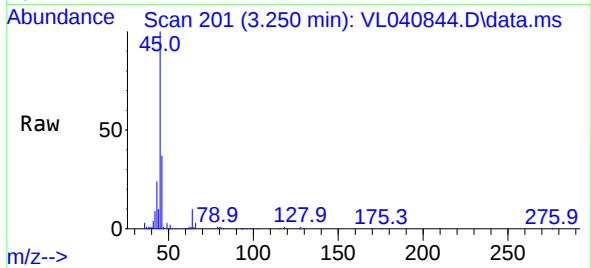
Tgt Ion:101 Resp: 1174770
 Ion Ratio Lower Upper
 101 100
 151 71.7 57.8 86.6





#13
Ethanol
Concen: 9.046 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.019 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

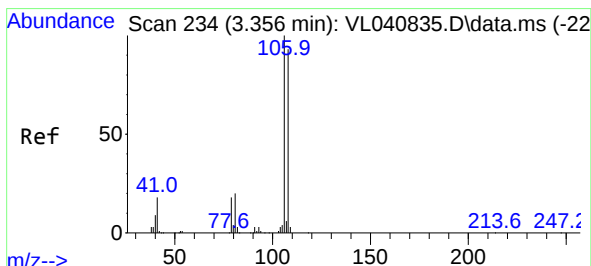
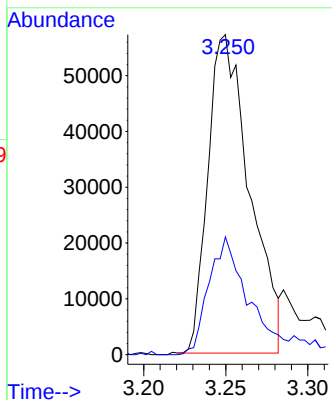
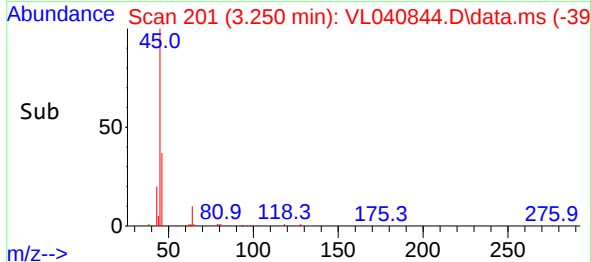
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



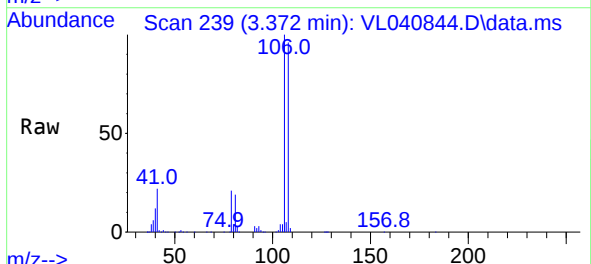
Tgt Ion: 45 Resp: 10098
Ion Ratio Lower Upper
45 100
46 40.8 0.0 0.0

Manual Integrations
APPROVED

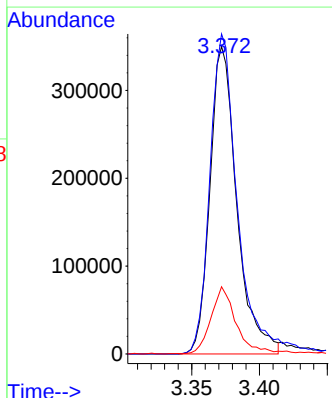
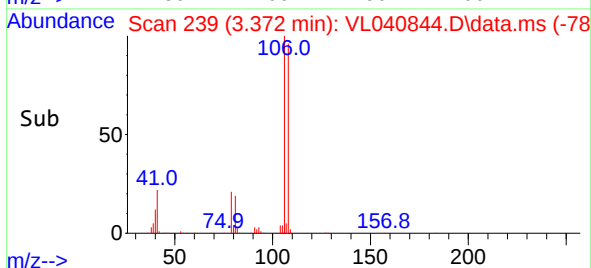
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

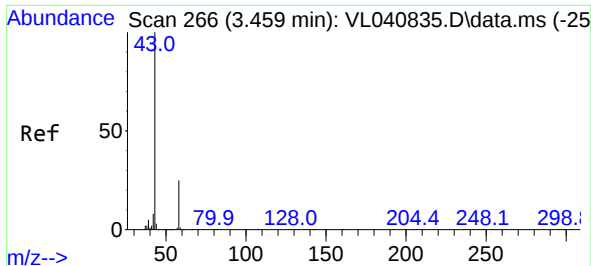


#14
Bromoethene
Concen: 10.158 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



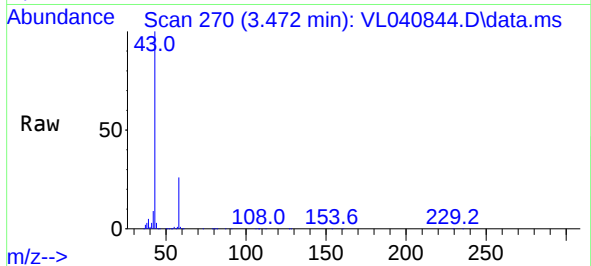
Tgt Ion:108 Resp: 483023
Ion Ratio Lower Upper
108 100
106 109.6 85.4 128.2
79 21.8 16.7 25.1





#15
Acetone
Concen: 9.481 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

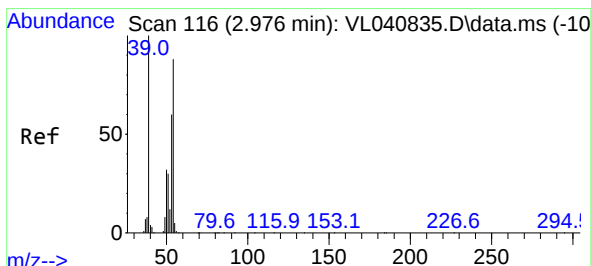
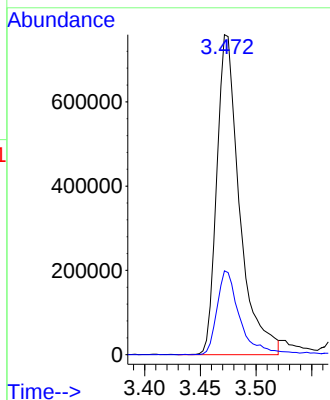
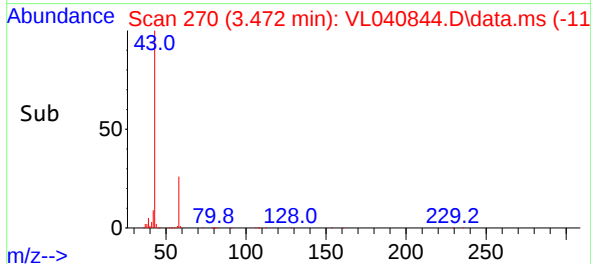
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



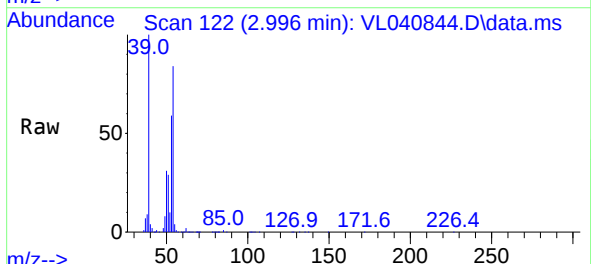
Tgt Ion: 43 Resp: 1078804
Ion Ratio Lower Upper
43 100
58 26.9 20.9 31.3

Manual Integrations
APPROVED

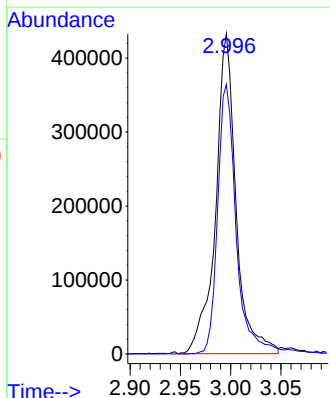
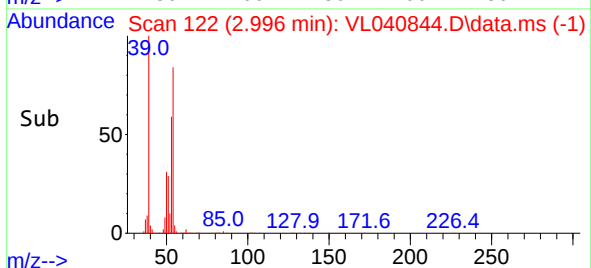
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

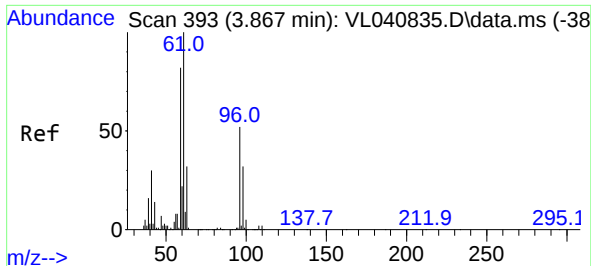


#16
1,3-Butadiene
Concen: 10.663 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.019 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



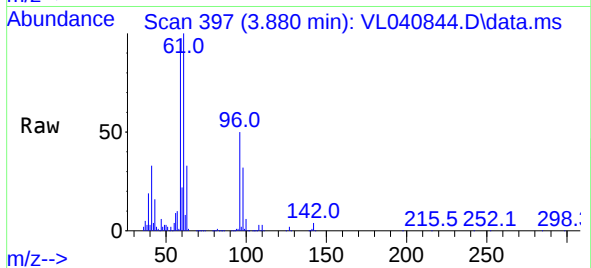
Tgt Ion: 39 Resp: 613804
Ion Ratio Lower Upper
39 100
54 77.7 61.8 92.6





#17
tert-Butyl alcohol
Concen: 11.267 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.013 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

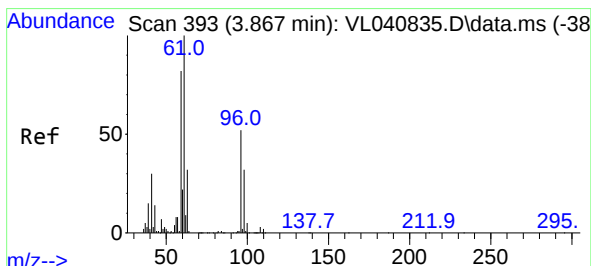
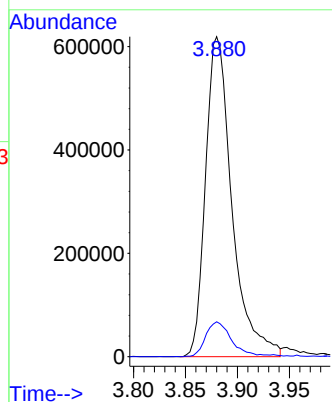
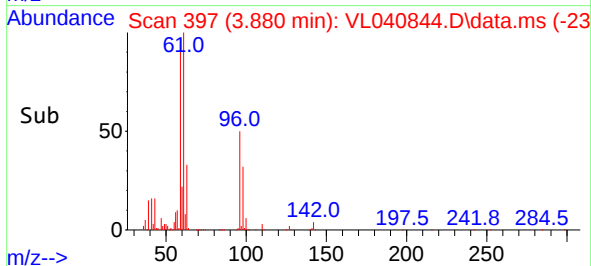
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



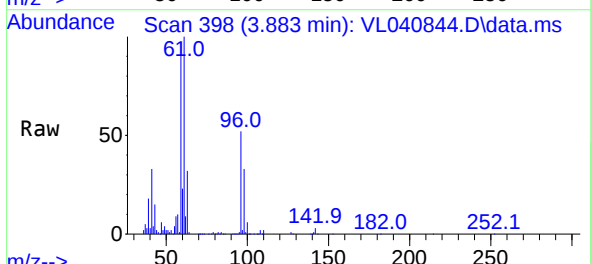
Tgt Ion: 59 Resp: 109638
Ion Ratio Lower Upper
59 100
57 11.2 9.0 13.4

Manual Integrations
APPROVED

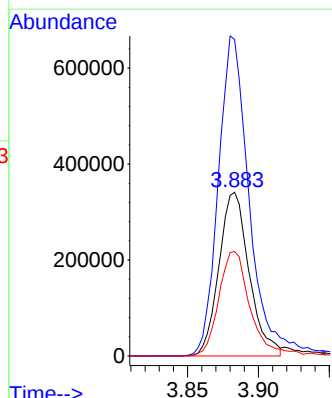
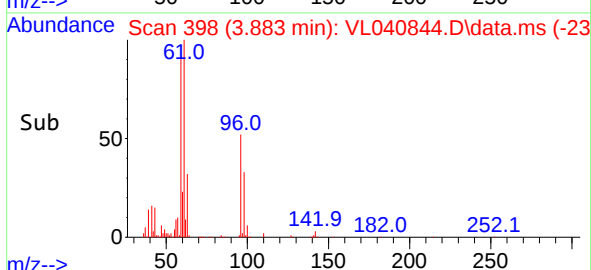
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

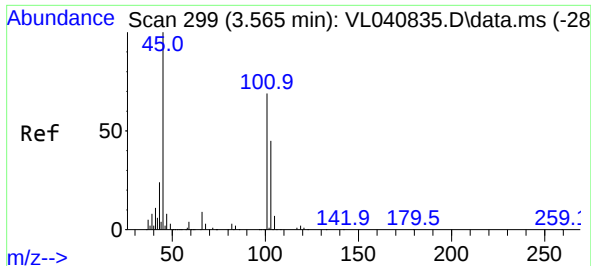


#18
1,1-Dichloroethene
Concen: 9.616 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



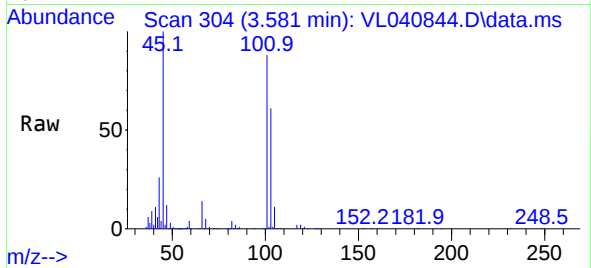
Tgt Ion: 96 Resp: 506691
Ion Ratio Lower Upper
96 100
61 193.4 152.6 228.8
98 63.8 49.2 73.8





#19
Isopropyl Alcohol
Concen: 11.025 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

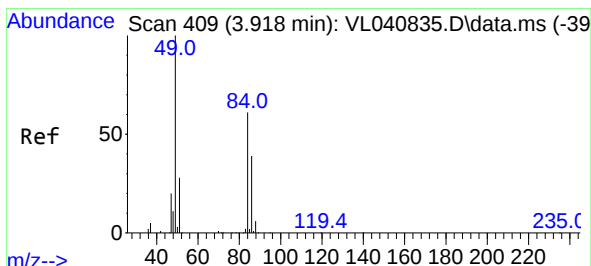
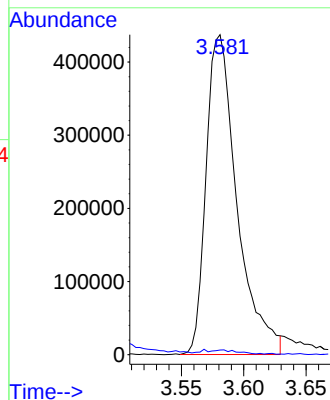
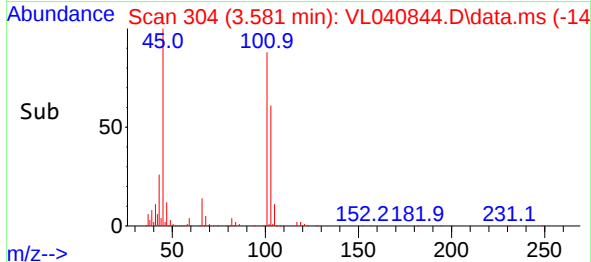
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



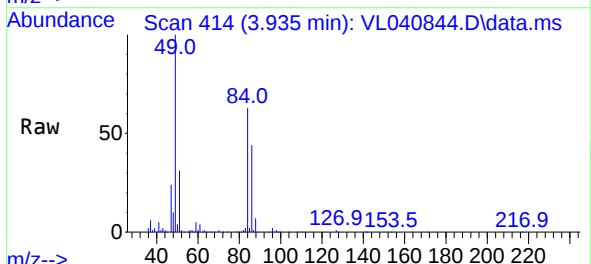
Tgt Ion: 45 Resp: 75496
Ion Ratio Lower Upper
45 100
58 1.8 1.6 2.4

Manual Integrations
APPROVED

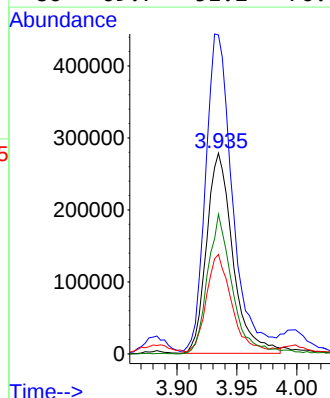
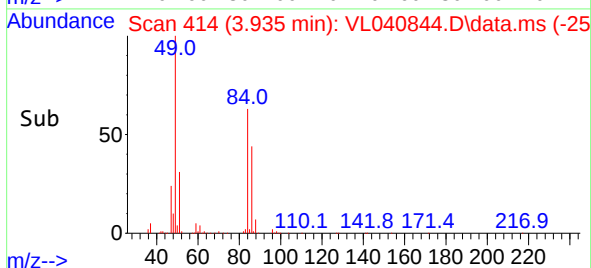
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

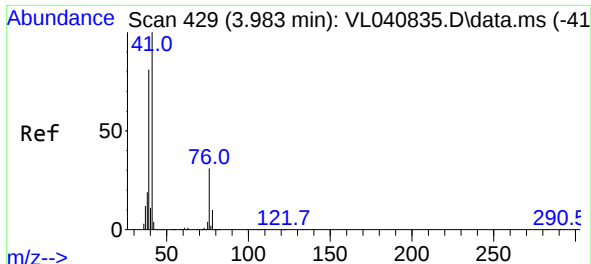


#20
Methylene Chloride
Concen: 9.026 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



Tgt Ion: 84 Resp: 423846
Ion Ratio Lower Upper
84 100
49 158.1 131.0 196.4
51 47.7 36.9 55.3
86 69.7 51.2 76.8





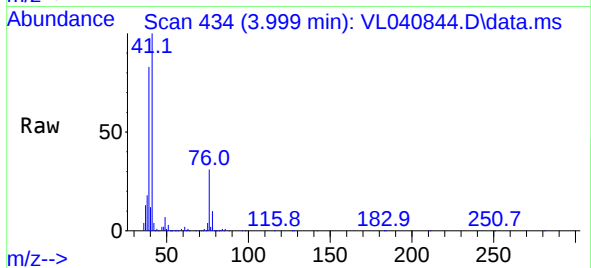
#21
 Allyl Chloride
 Concen: 10.435 ppbv
 RT: 3.999 min Scan# 411
 Delta R.T. 0.016 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

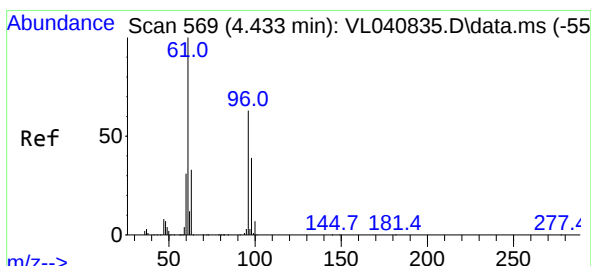
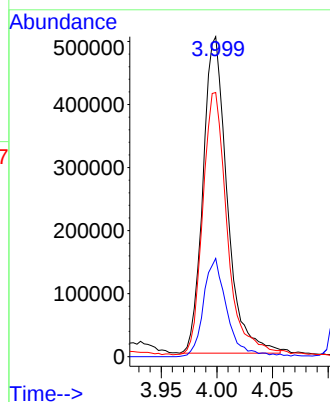
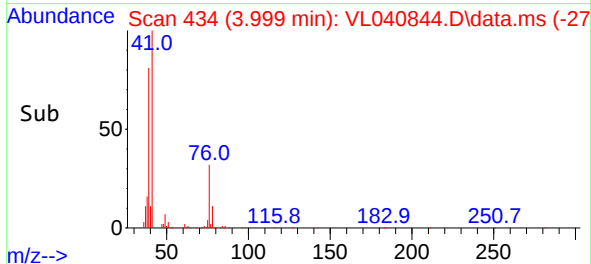


Tgt Ion: 41 Resp: 759840
 Ion Ratio Lower Upper
 41 100
 76 30.2 24.4 36.6
 39 85.3 68.1 102.1

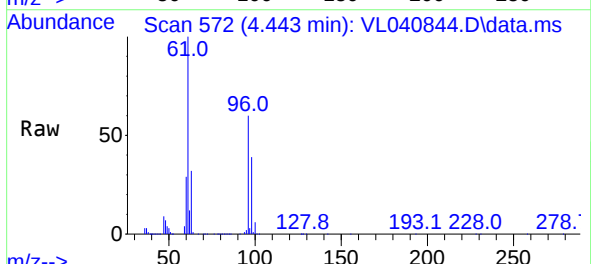
Manual Integrations

APPROVED

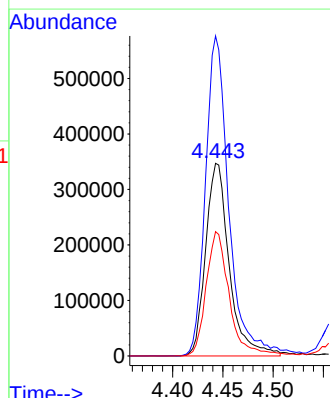
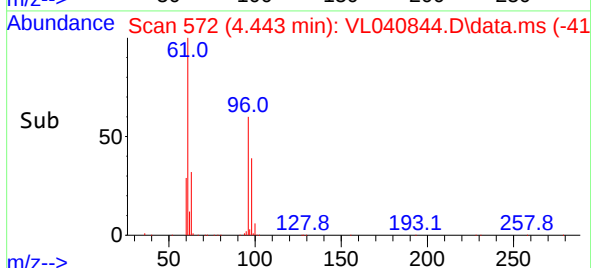
Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

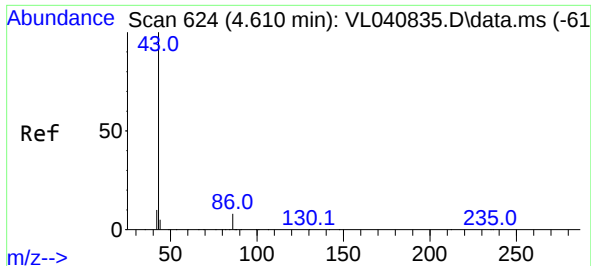


#22
 trans-1,2-Dichloroethene
 Concen: 9.491 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.010 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54



Tgt Ion: 96 Resp: 567578
 Ion Ratio Lower Upper
 96 100
 61 165.9 126.8 190.2
 98 64.5 49.9 74.9





#23
 Vinyl Acetate
 Concen: 9.277 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

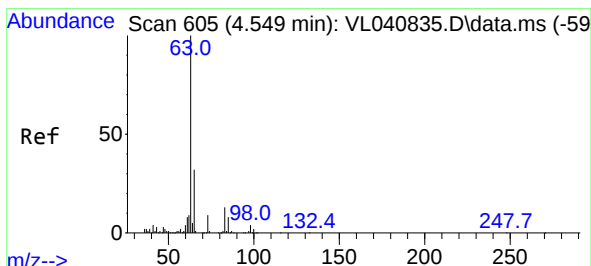
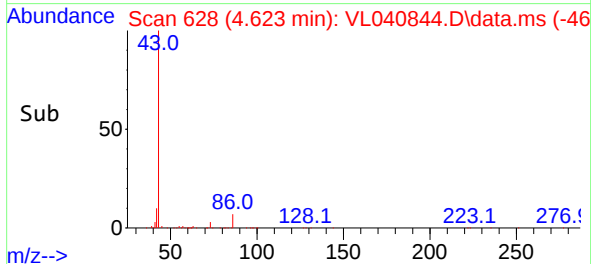
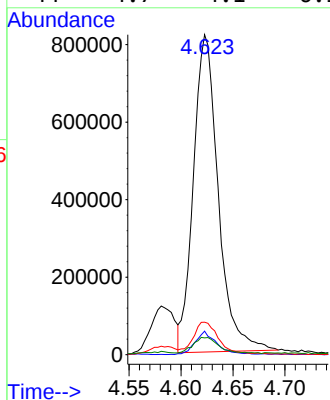
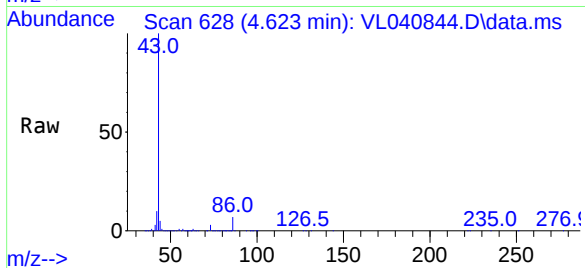
VSTDCCC010

Tgt Ion: 43 Resp: 1363064
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.5 8.3
 42 10.0 8.2 12.2
 44 4.7 4.1 6.1

Manual Integrations

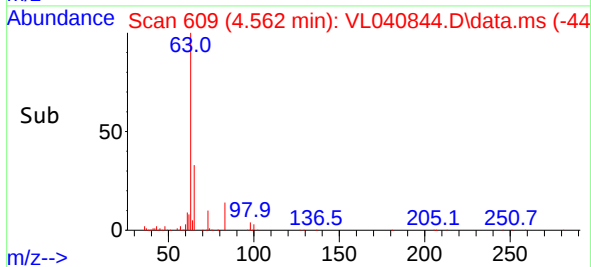
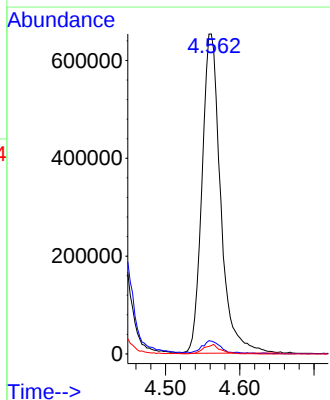
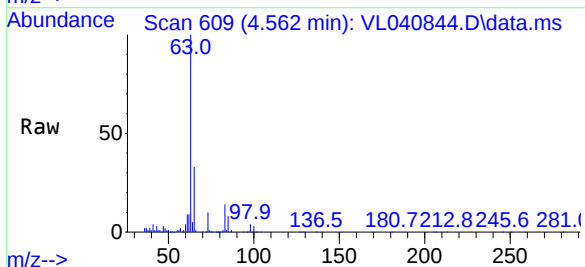
APPROVED

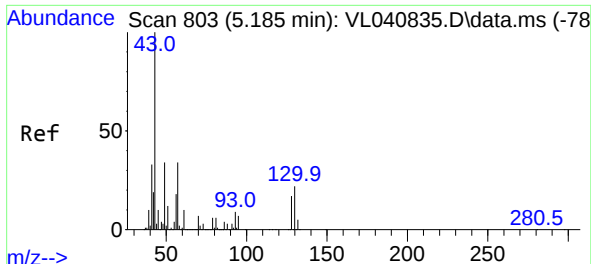
Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023



#24
 1,1-Dichloroethane
 Concen: 8.643 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.013 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54

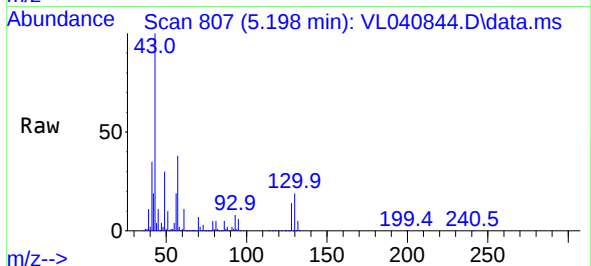
Tgt Ion: 63 Resp: 1131879
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.2 6.6
 100 2.6 1.0 3.0





#25
Ethyl Acetate
Concen: 9.780 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.013 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

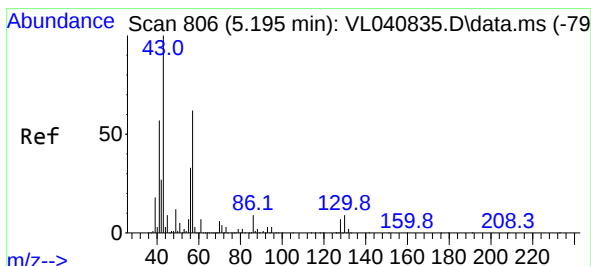
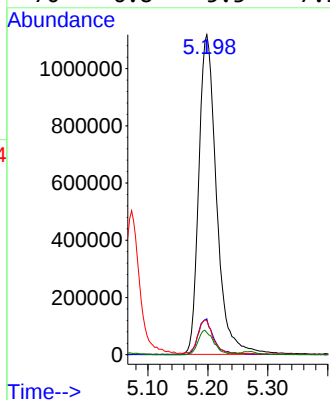
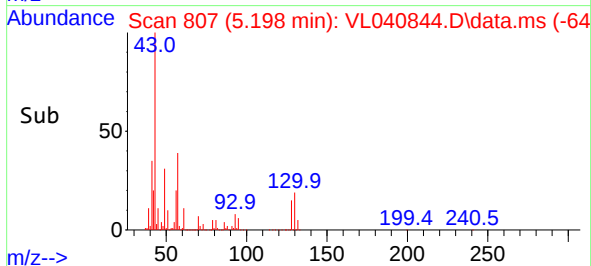
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



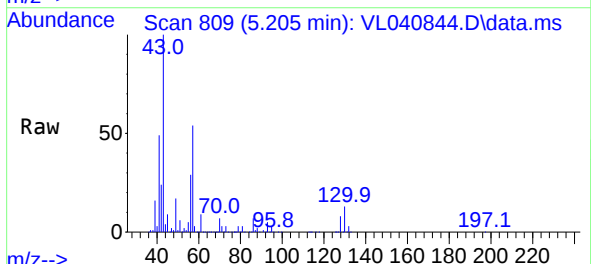
Tgt Ion: 43 Resp: 230418
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 10.2 7.8 11.6
70 6.8 5.3 7.9

Manual Integrations
APPROVED

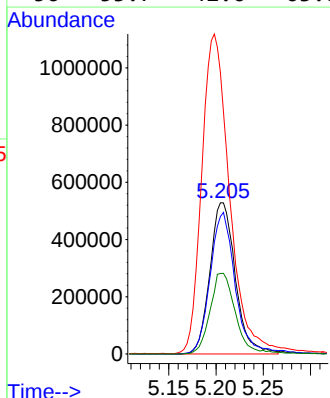
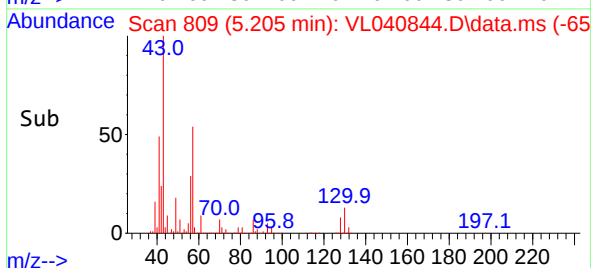
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

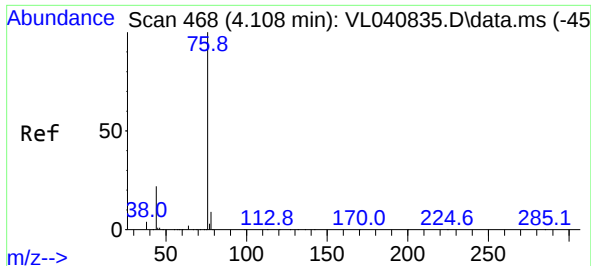


#26
Hexane
Concen: 9.479 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.010 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



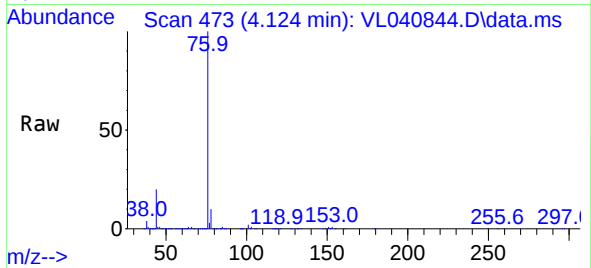
Tgt Ion: 57 Resp: 988460
Ion Ratio Lower Upper
57 100
41 93.9 75.4 113.0
43 233.9 185.9 278.9
56 53.7 42.6 63.8





#27
Carbon Disulfide
Concen: 10.289 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

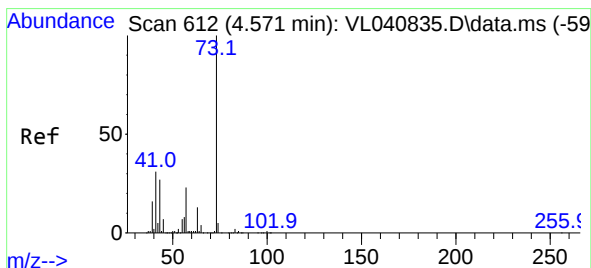
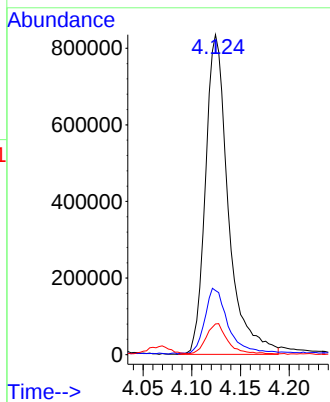
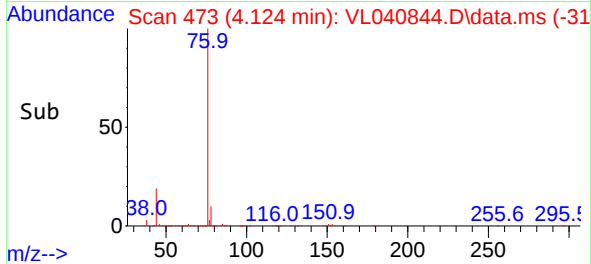
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



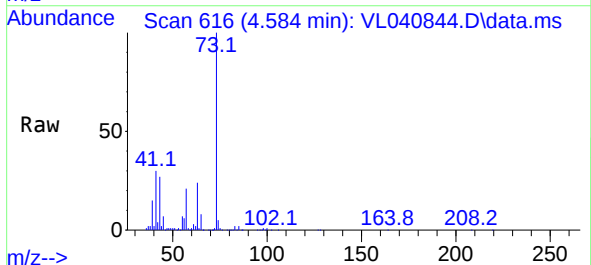
Tgt Ion: 76 Resp: 136049
Ion Ratio Lower Upper
76 100
44 21.3 16.7 25.1
78 9.4 7.6 11.4

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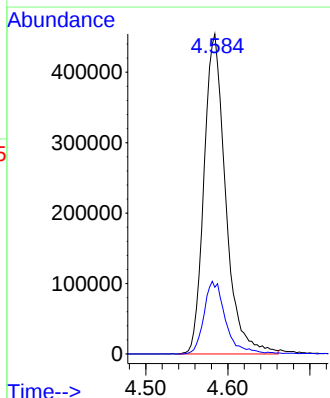
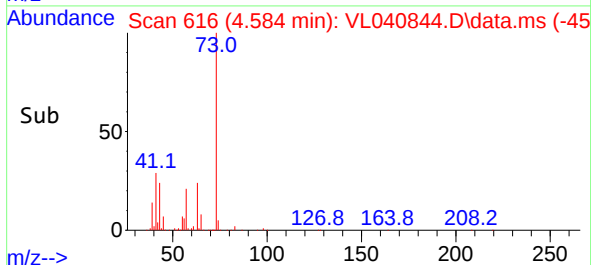
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

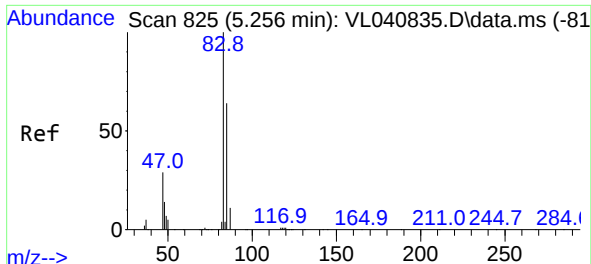


#28
Methyl tert-Butyl Ether
Concen: 8.820 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.013 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



Tgt Ion: 73 Resp: 831774
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0





#29

Chloroform

Concen: 9.538 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1685690

Ion Ratio Lower Upper

83 100

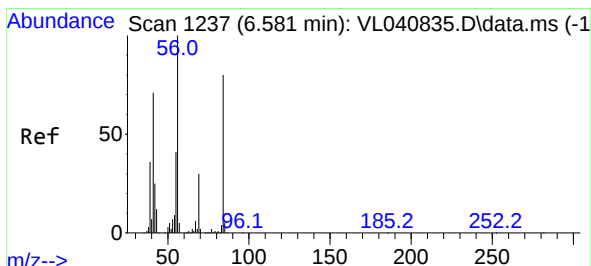
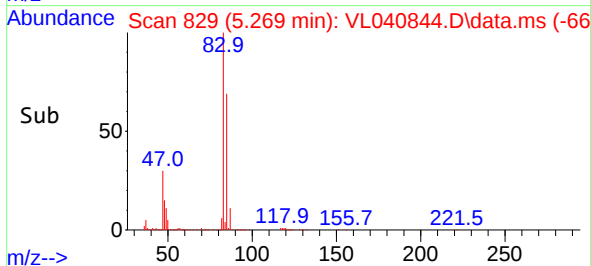
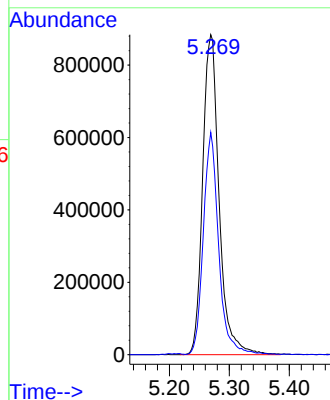
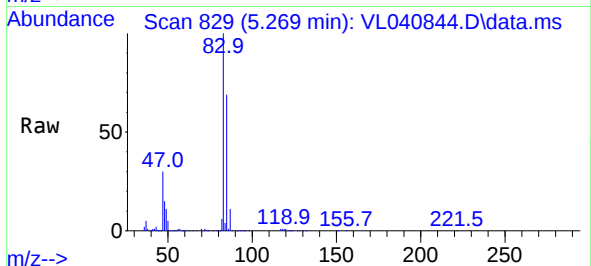
85 69.3 51.4 77.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#30

Cyclohexane

Concen: 10.103 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. 0.010 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

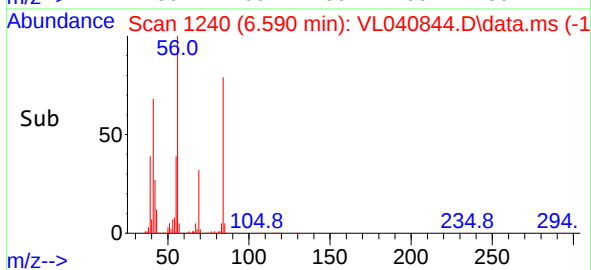
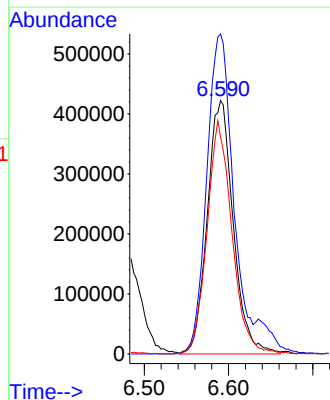
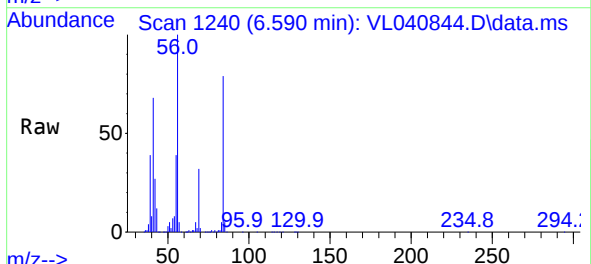
Tgt Ion: 84 Resp: 906278

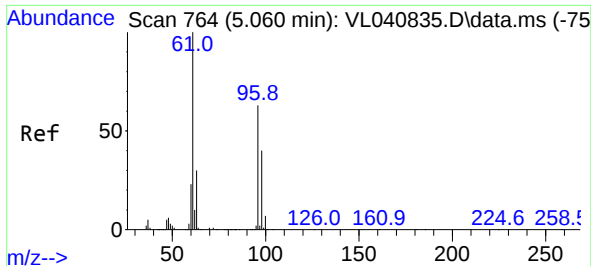
Ion Ratio Lower Upper

84 100

56 136.3 109.3 163.9

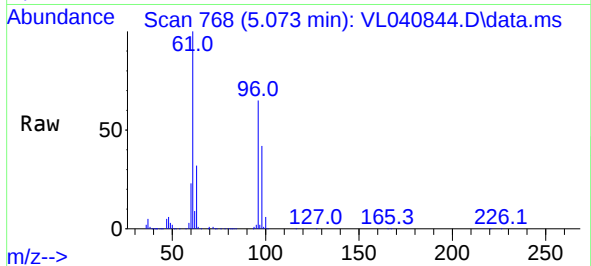
41 88.5 71.4 107.2





#31
cis-1,2-Dichloroethene
Concen: 8.303 ppbv
RT: 5.073 min Scan# 70
Delta R.T. 0.013 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

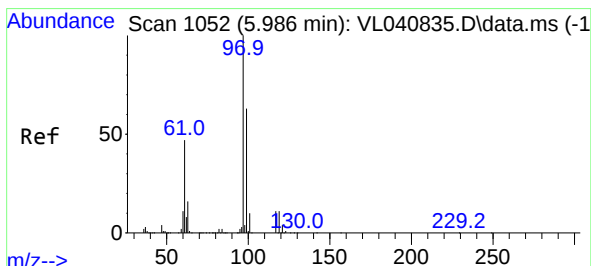
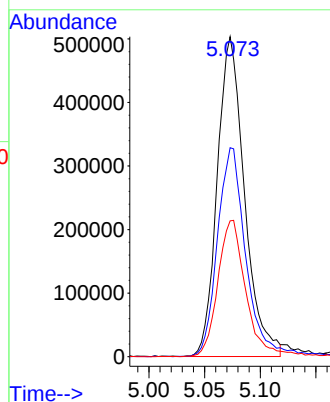
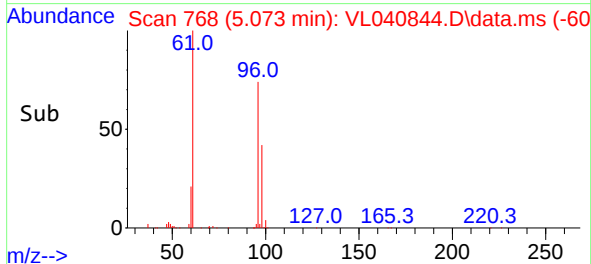
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



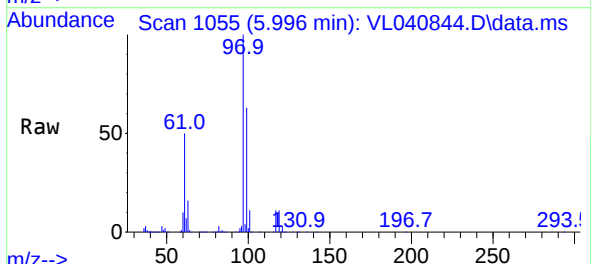
Tgt Ion: 61 Resp: 856764
Ion Ratio Lower Upper
61 100
96 65.2 50.5 75.7
98 42.5 31.9 47.9

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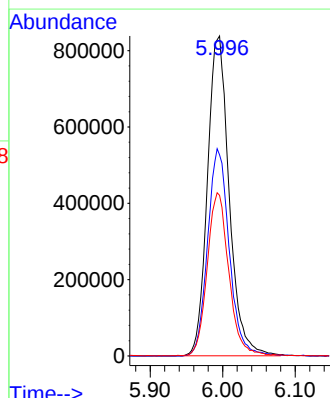
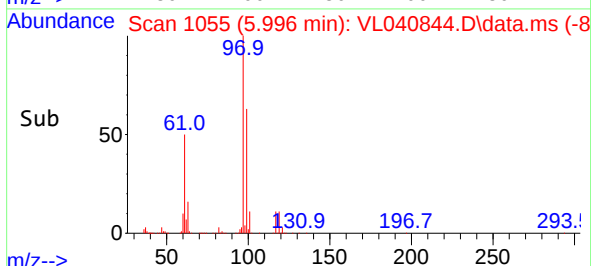
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

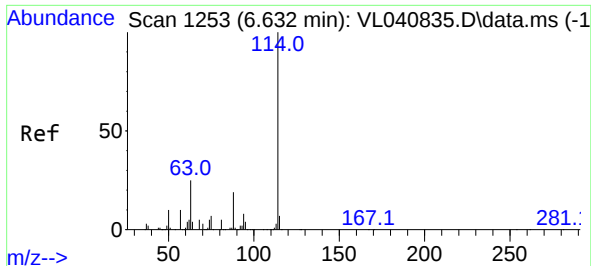


#32
1,1,1-Trichloroethane
Concen: 10.580 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. 0.010 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



Tgt Ion: 97 Resp: 1744534
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.4
61 50.9 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: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

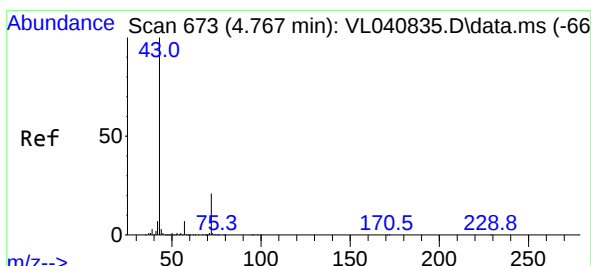
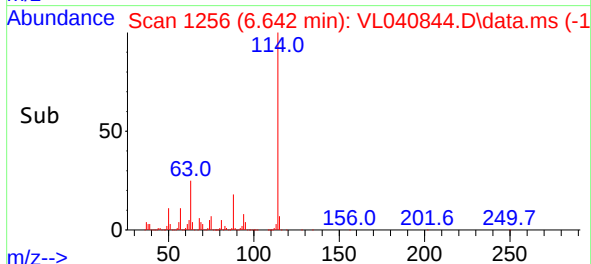
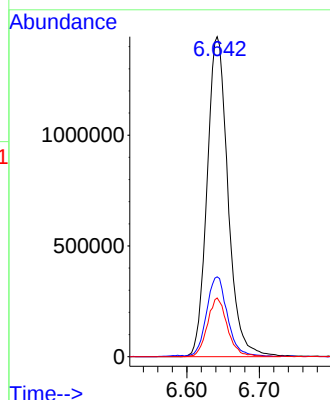
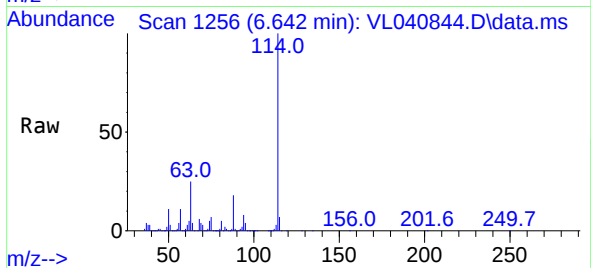
VSTDCCC010

Tgt Ion:114 Resp: 289095
Ion Ratio Lower Upper
114 100
63 25.5 20.9 31.3
88 17.7 14.3 21.5

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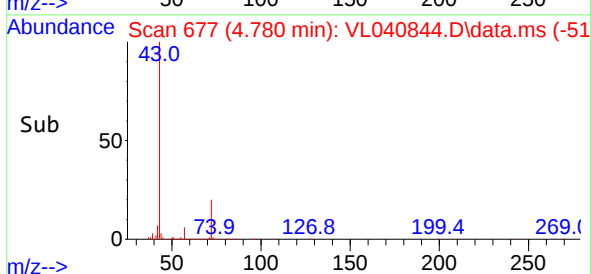
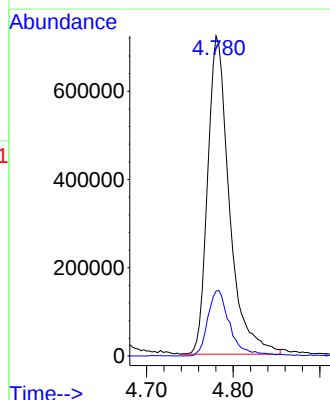
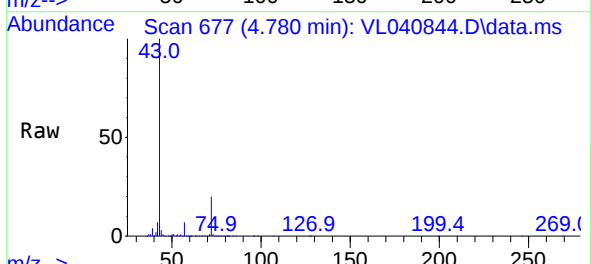
APPROVED

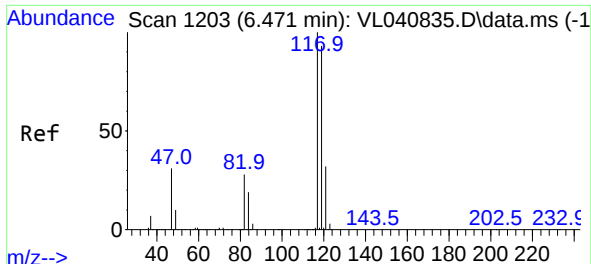
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#34
2-Butanone
Concen: 8.536 ppbv
RT: 4.780 min Scan# 677
Delta R.T. 0.013 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 43 Resp: 1257109
Ion Ratio Lower Upper
43 100
72 21.3 17.2 25.8





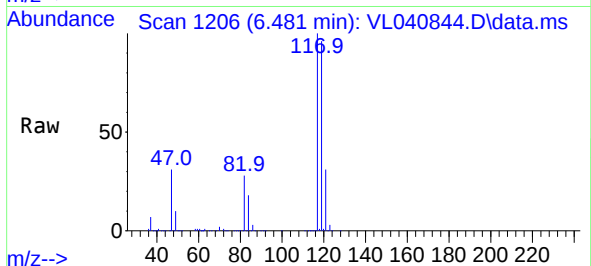
#35
Carbon Tetrachloride
Concen: 10.417 ppbv
RT: 6.481 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

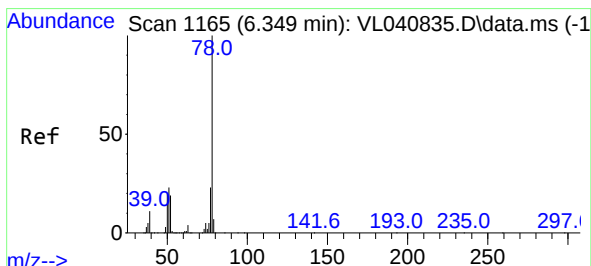
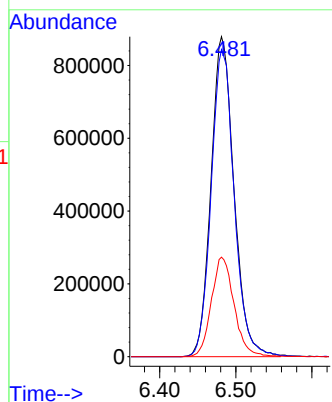
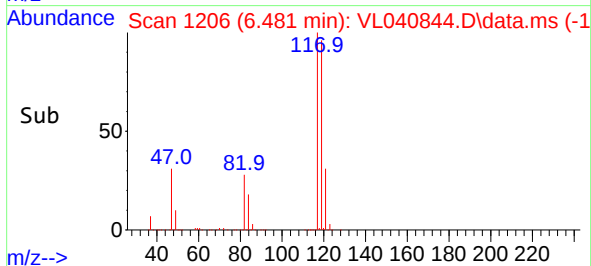


Tgt Ion: 117 Resp: 1847609
Ion Ratio Lower Upper
117 100
119 96.0 74.7 112.1
121 31.1 25.5 38.3

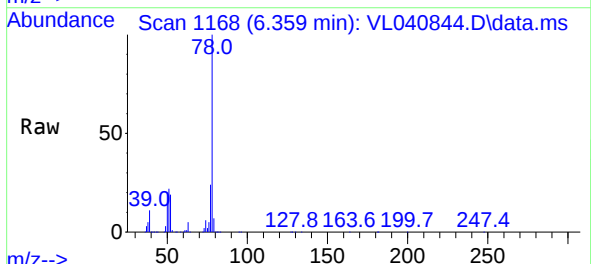
Manual Integrations

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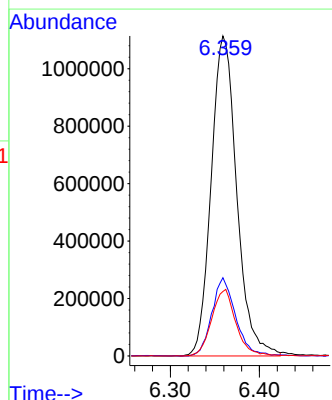
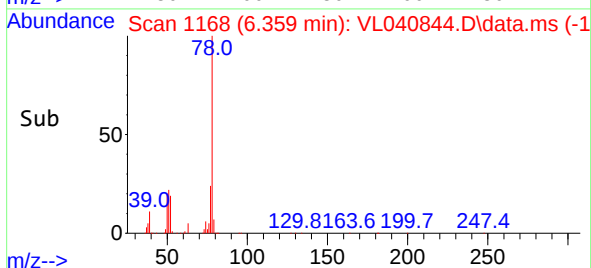
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

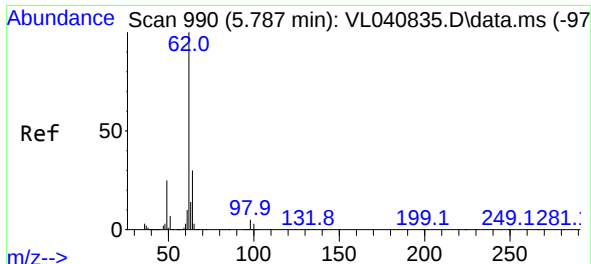


#36
Benzene
Concen: 9.465 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. 0.010 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



Tgt Ion: 78 Resp: 2220700
Ion Ratio Lower Upper
78 100
77 24.4 18.4 27.6
50 20.2 16.2 24.2





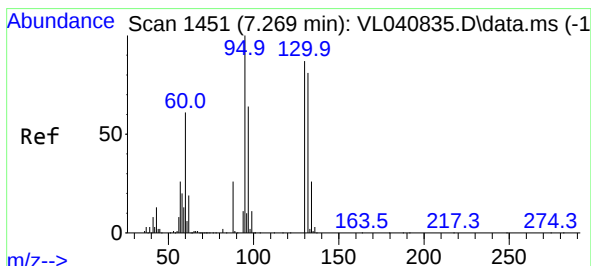
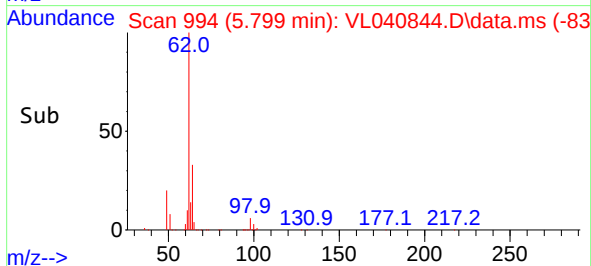
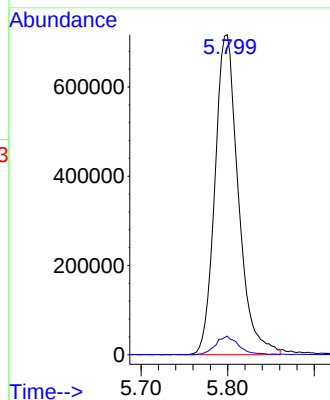
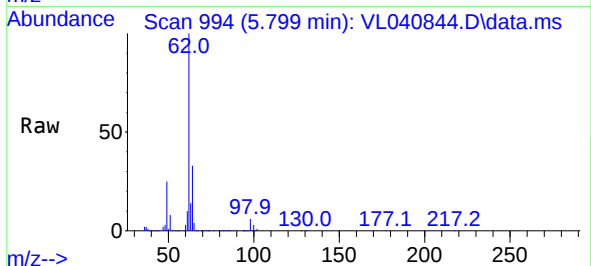
#37
1,2-Dichloroethane
Concen: 9.749 ppbv
RT: 5.799 min Scan# 990
Delta R.T. 0.013 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1349078
Ion Ratio Lower Upper
62 100
98 5.7 4.6 6.8

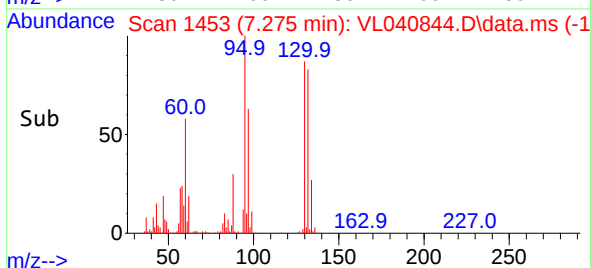
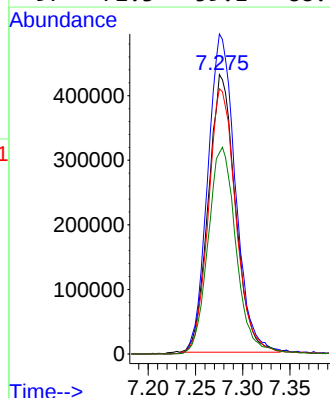
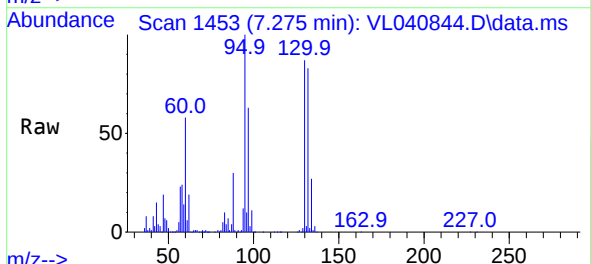
Manual Integrations
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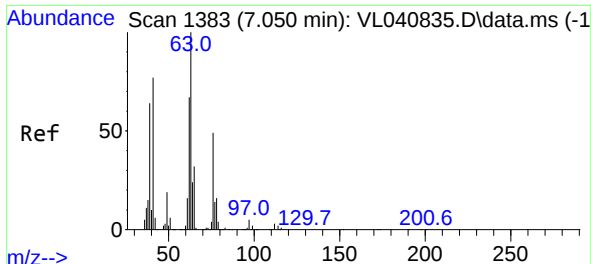
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#38
Trichloroethene
Concen: 9.363 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion:130 Resp: 853928
Ion Ratio Lower Upper
130 100
95 114.9 92.4 138.6
132 95.3 75.1 112.7
97 72.3 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.475 ppbv

RT: 7.060 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 88142

Ion Ratio Lower Upper

63 100

41 76.3 61.5 92.3

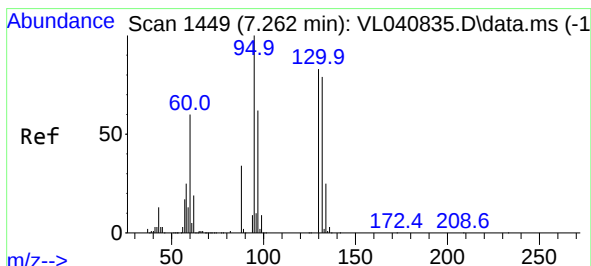
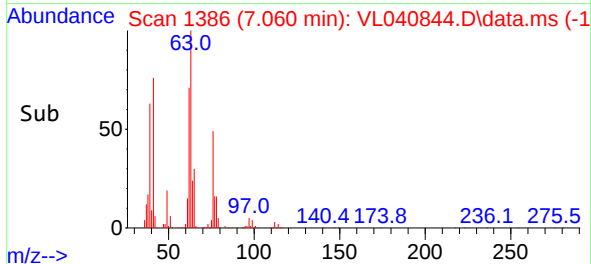
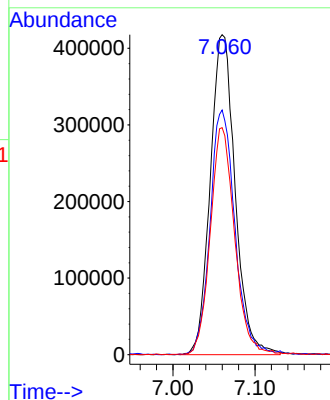
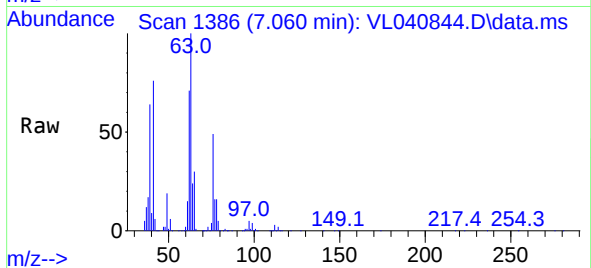
62 70.8 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#40

1,4-Dioxane

Concen: 10.006 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

Tgt Ion: 88 Resp: 369336

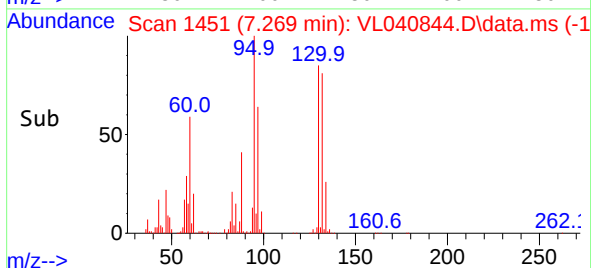
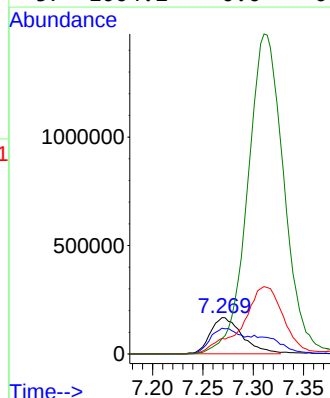
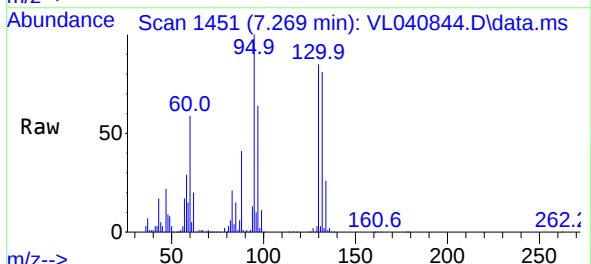
Ion Ratio Lower Upper

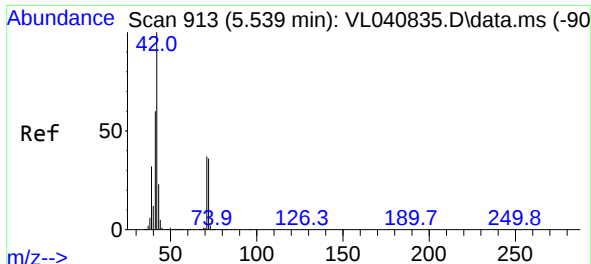
88 100

58 118.4 101.0 151.6

43 241.1 0.0 0.0#

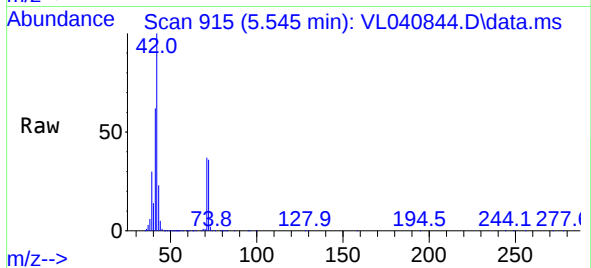
57 1004.2 0.0 0.0#





#41
Tetrahydrofuran
Concen: 9.823 ppbv
RT: 5.545 min Scan# 913
Delta R.T. 0.006 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

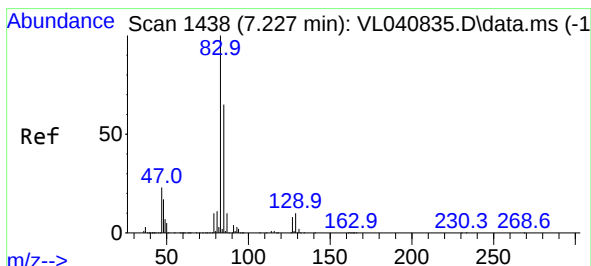
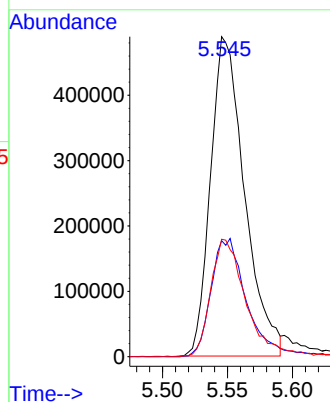
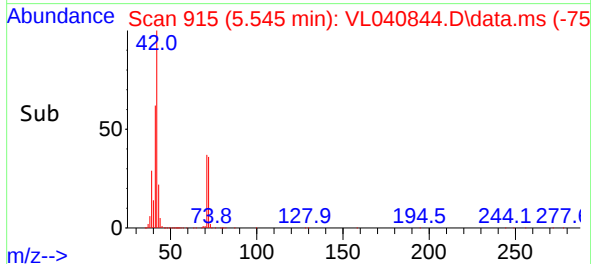
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



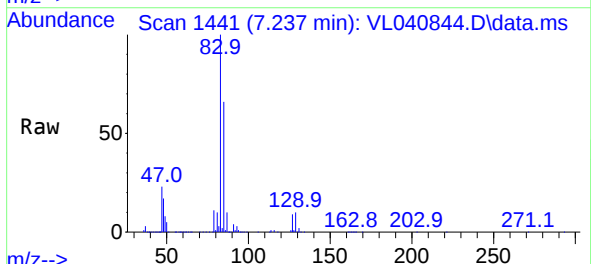
Tgt Ion: 42 Resp: 890715
Ion Ratio Lower Upper
42 100
72 39.5 30.8 46.2
71 38.7 30.0 45.0

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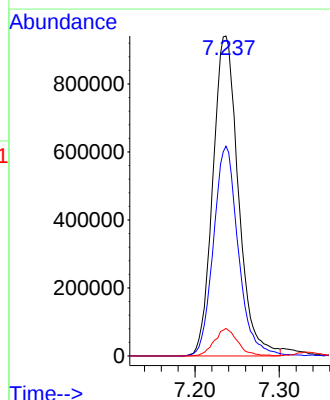
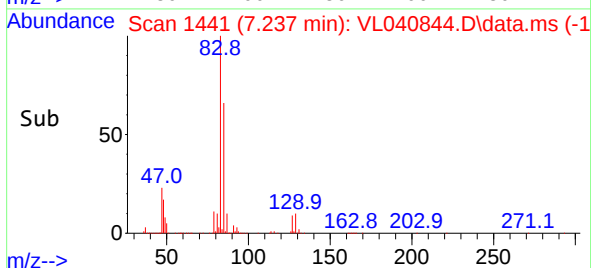
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

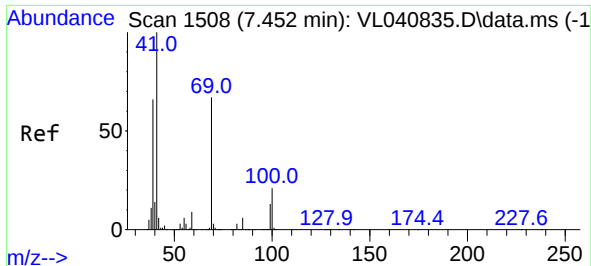


#42
Bromodichloromethane
Concen: 9.998 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. 0.010 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



Tgt Ion: 83 Resp: 1980032
Ion Ratio Lower Upper
83 100
85 65.6 52.3 78.5
127 8.6 6.6 10.0





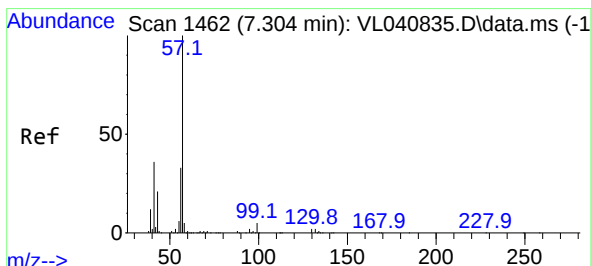
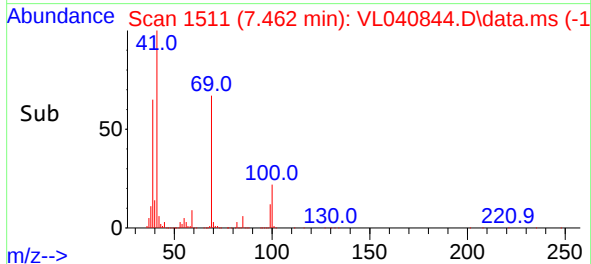
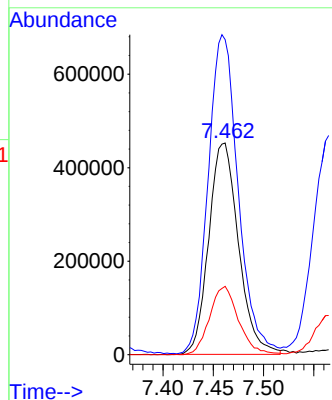
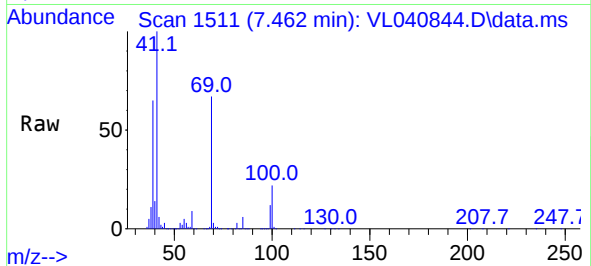
#43
Methyl Methacrylate
Concen: 10.430 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. 0.010 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 932572
Ion Ratio Lower Upper
69 100
41 152.2 123.0 184.4
100 31.5 25.4 38.2

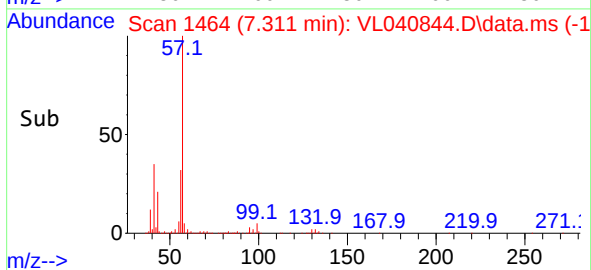
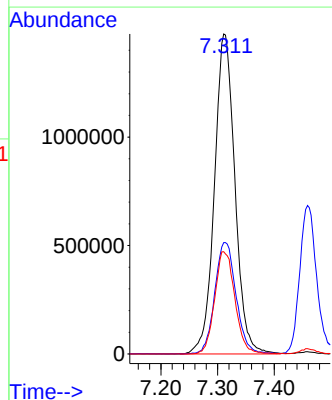
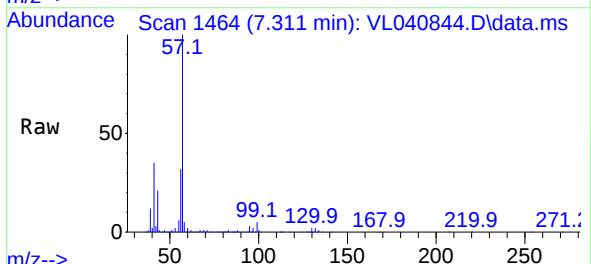
Manual Integrations
APPROVED

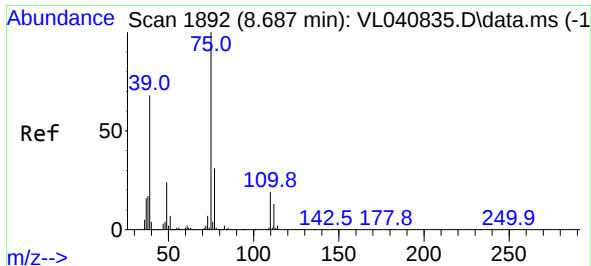
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#44
2,2,4-Trimethylpentane
Concen: 9.511 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

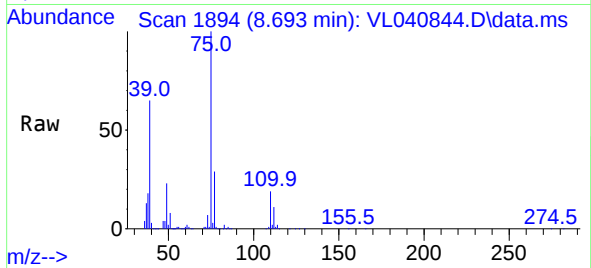
Tgt Ion: 57 Resp: 3706989
Ion Ratio Lower Upper
57 100
41 36.2 29.0 43.6
56 31.6 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 11.424 ppbv
RT: 8.693 min Scan# 1892
Delta R.T. 0.006 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

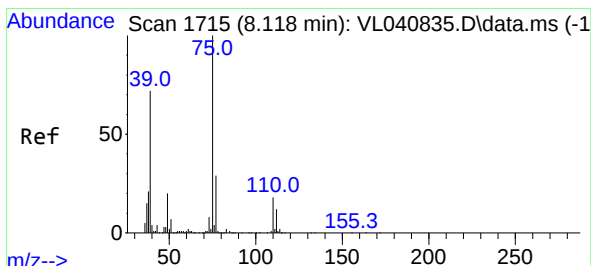
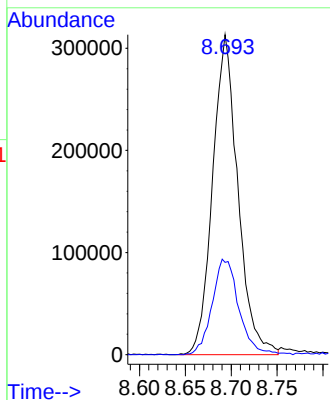
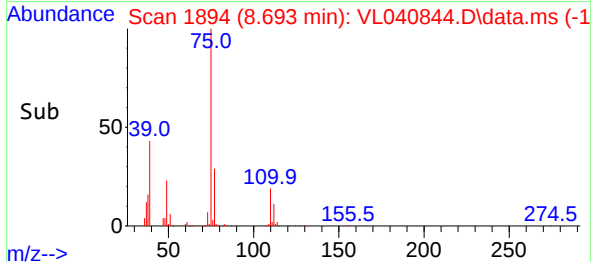
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



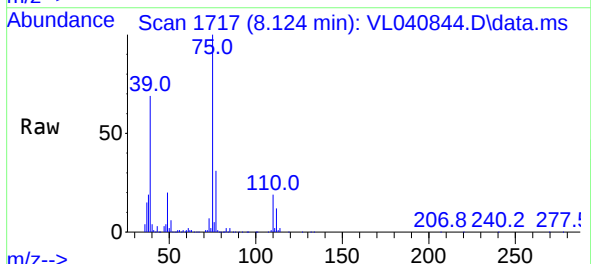
Tgt Ion: 75 Resp: 600259
Ion Ratio Lower Upper
75 100
77 28.9 24.9 37.3

Manual Integrations
APPROVED

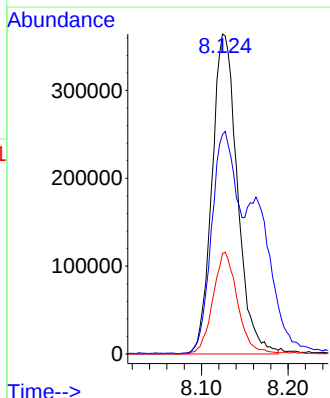
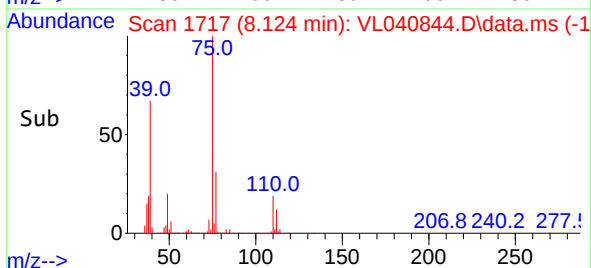
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

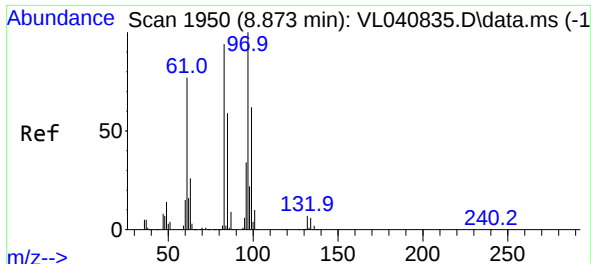


#46
cis-1,3-Dichloropropene
Concen: 10.900 ppbv
RT: 8.124 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



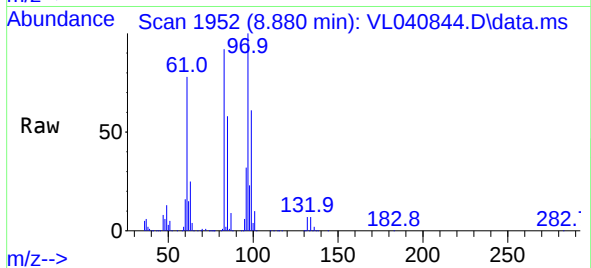
Tgt Ion: 75 Resp: 742569
Ion Ratio Lower Upper
75 100
39 68.5 57.3 85.9
77 31.4 23.0 34.6





#47
1,1,2-Trichloroethane
Concen: 9.520 ppbv
RT: 8.880 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

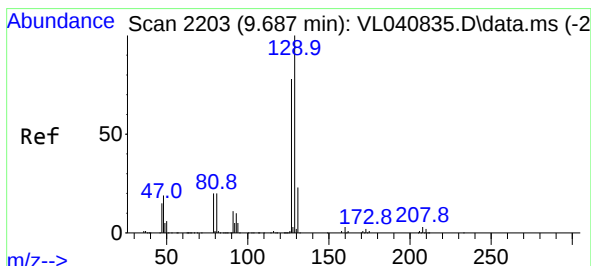
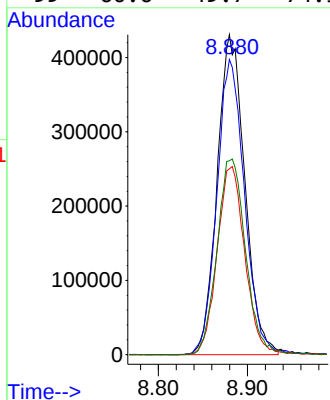
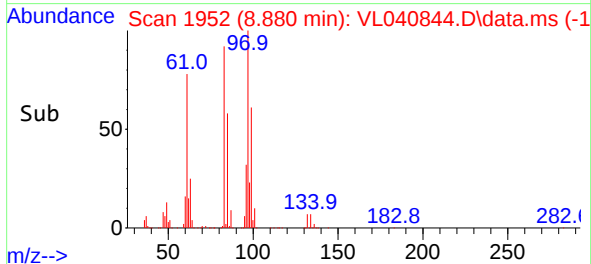
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 92806
Ion Ratio Lower Upper
97 100
83 92.2 74.8 112.2
85 58.1 47.4 71.0
99 60.6 49.7 74.5

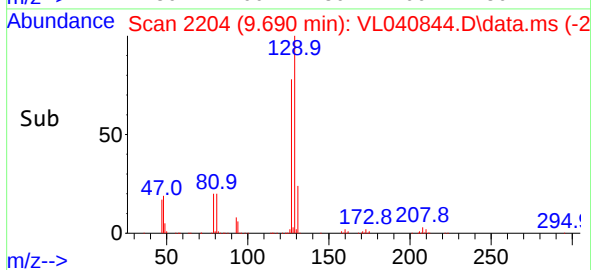
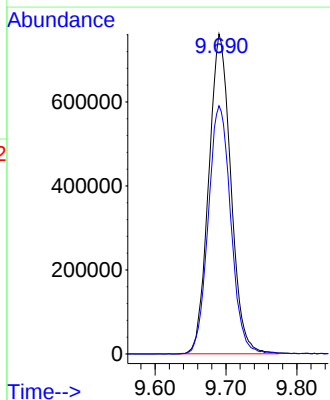
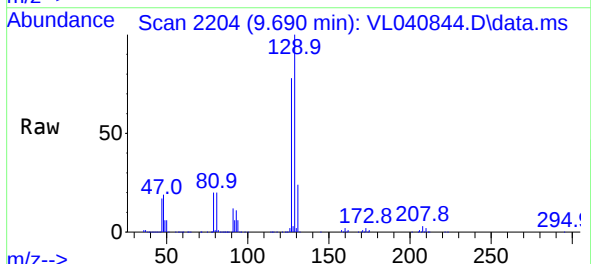
Manual Integrations
APPROVED

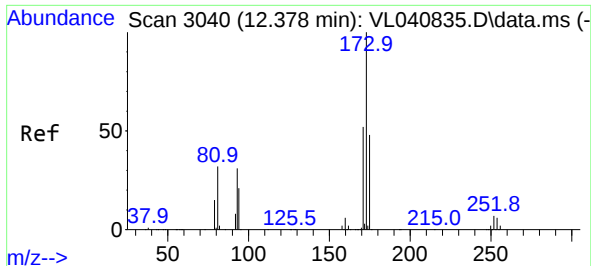
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#48
Dibromochloromethane
Concen: 10.212 ppbv
RT: 9.690 min Scan# 2204
Delta R.T. 0.003 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

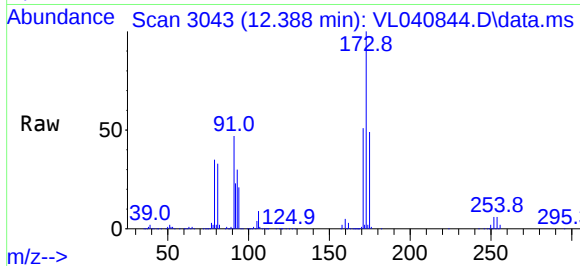
Tgt Ion:129 Resp: 1651841
Ion Ratio Lower Upper
129 100
127 79.5 39.3 117.9





#49
Bromoform
Concen: 10.676 ppbv
RT: 12.388 min Scan# 3043
Delta R.T. 0.010 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

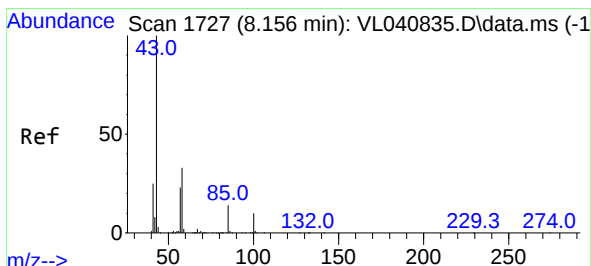
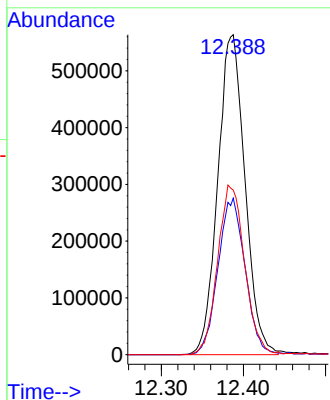
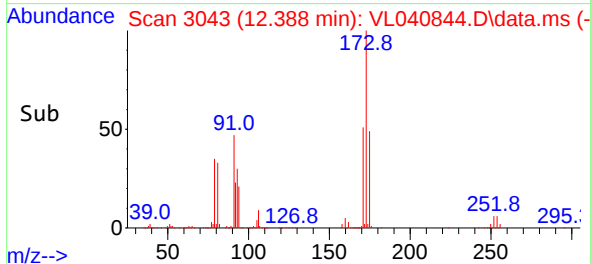
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



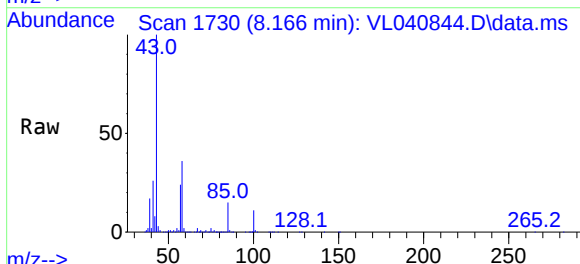
Tgt Ion:173 Resp: 1298900
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.6
171 53.2 41.8 62.6

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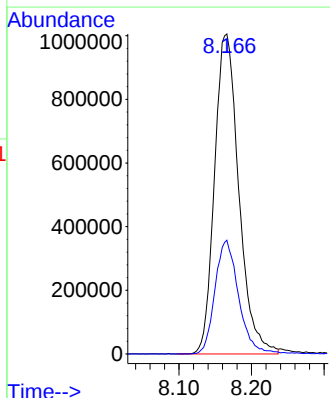
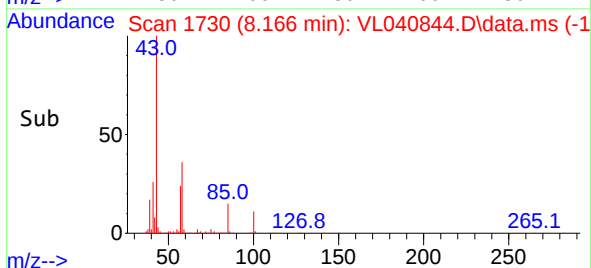
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

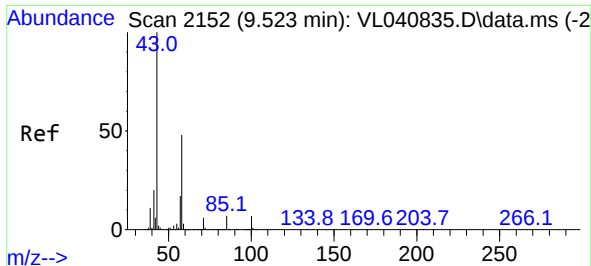


#50
4-Methyl-2-Pentanone
Concen: 10.262 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. 0.010 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



Tgt Ion: 43 Resp: 2338974
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.6





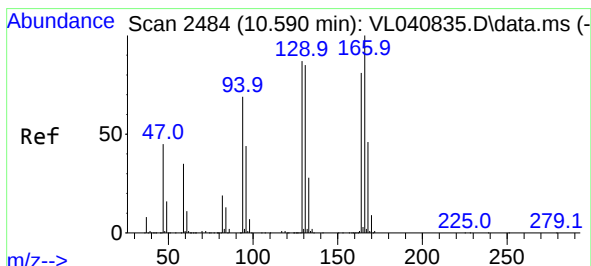
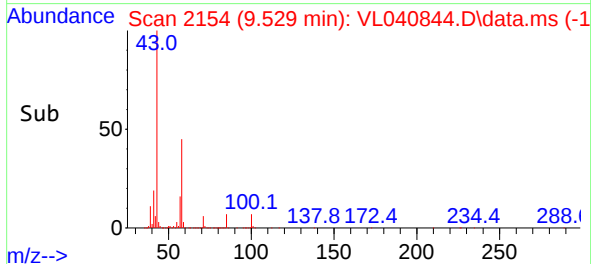
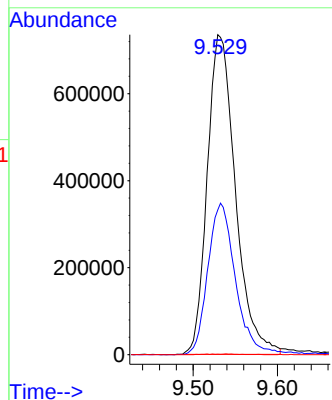
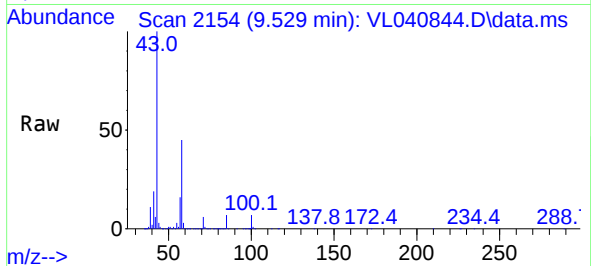
#51
2-Hexanone
Concen: 10.627 ppbv
RT: 9.529 min Scan# 2152
Delta R.T. 0.006 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1707390
Ion Ratio Lower Upper
43 100
58 47.3 37.4 56.2
98 0.2 0.2 0.2

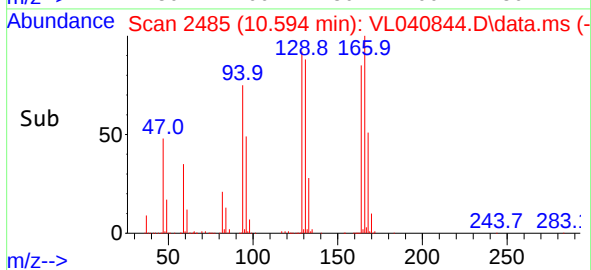
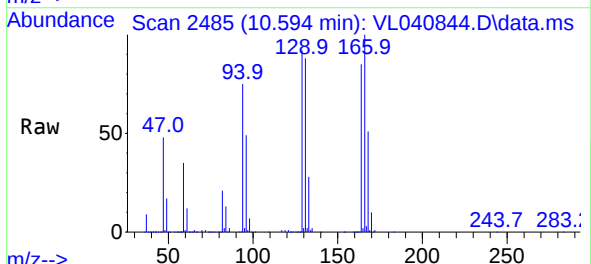
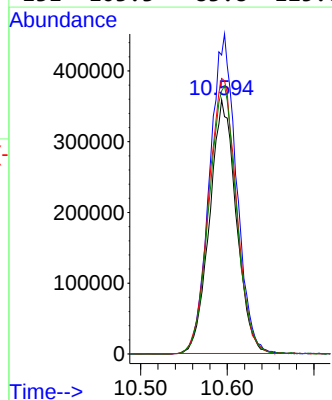
Manual Integrations
APPROVED

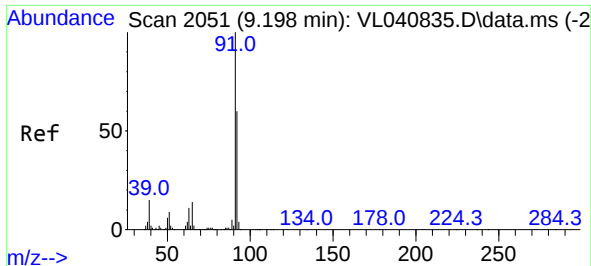
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#52
Tetrachloroethene
Concen: 9.703 ppbv
RT: 10.594 min Scan# 2485
Delta R.T. 0.003 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion:164 Resp: 766677
Ion Ratio Lower Upper
164 100
166 117.5 98.3 147.5
129 108.1 85.1 127.7
131 103.3 83.8 125.6





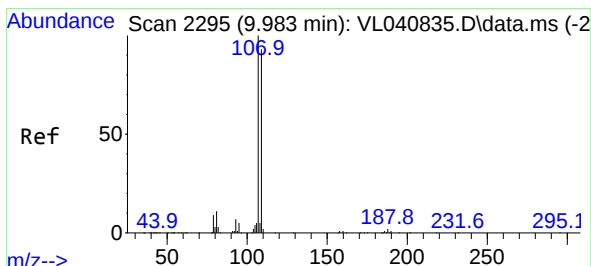
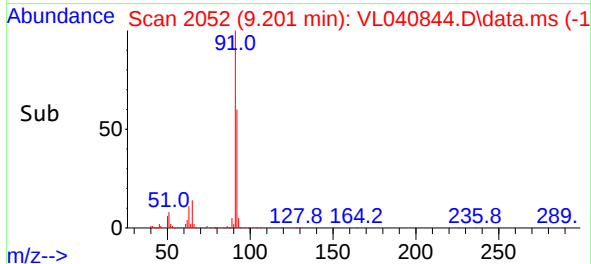
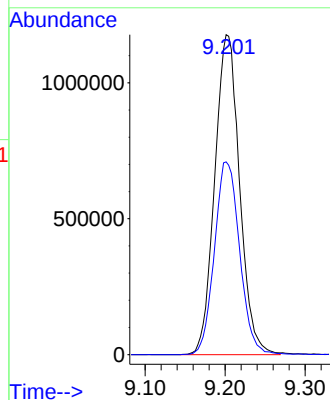
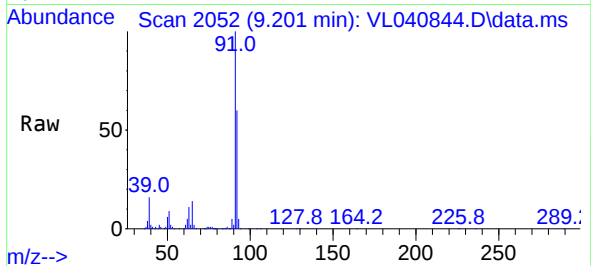
#53
Toluene
Concen: 9.845 ppbv
RT: 9.201 min Scan# 2051
Delta R.T. 0.003 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 254192
Ion Ratio Lower Upper
91 100
92 61.3 49.4 74.2

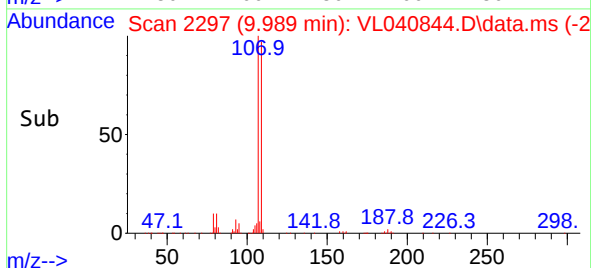
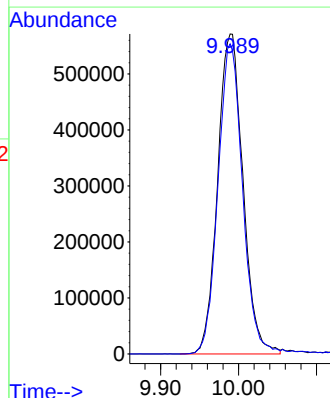
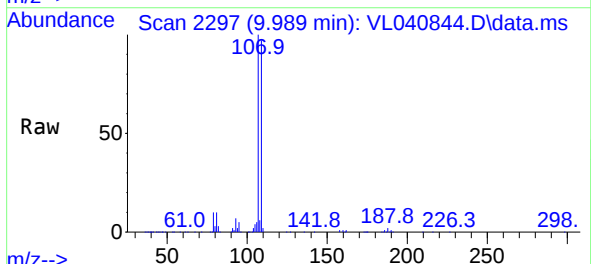
Manual Integrations
APPROVED

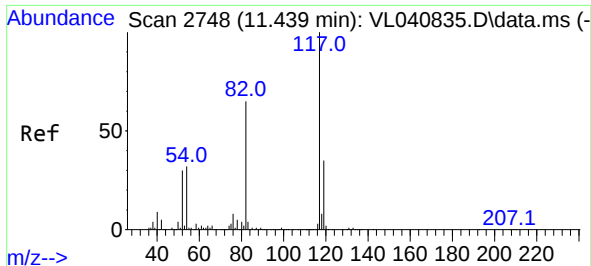
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#54
1,2-Dibromoethane
Concen: 10.258 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

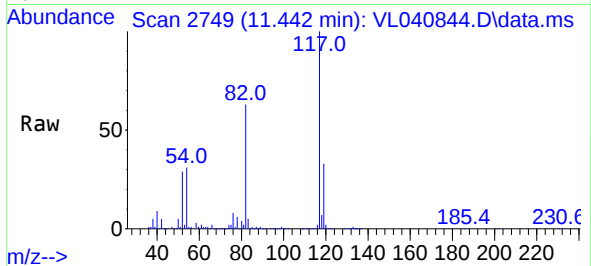
Tgt Ion:107 Resp: 1286875
Ion Ratio Lower Upper
107 100
109 96.9 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.442 min Scan# 2748
Delta R.T. 0.003 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

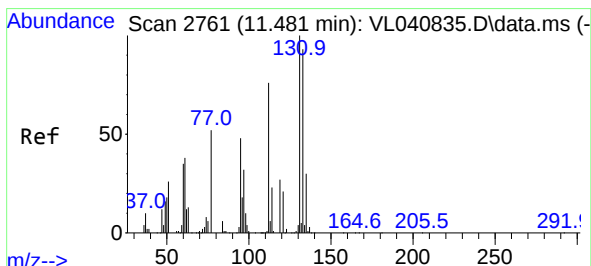
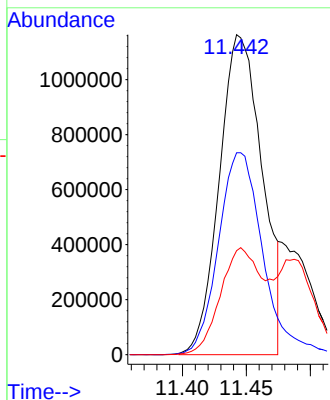
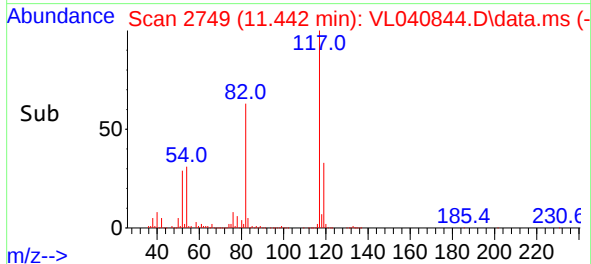
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



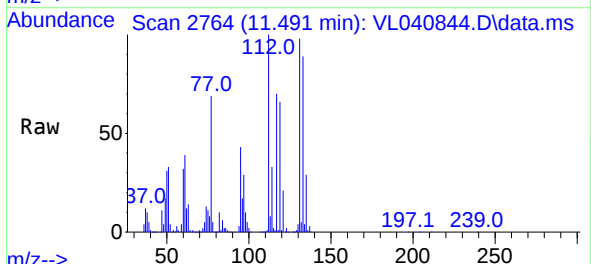
Tgt Ion:117 Resp: 271133
Ion Ratio Lower Upper
117 100
82 66.0 50.6 75.8
119 30.9 23.3 34.9

Manual Integrations
APPROVED

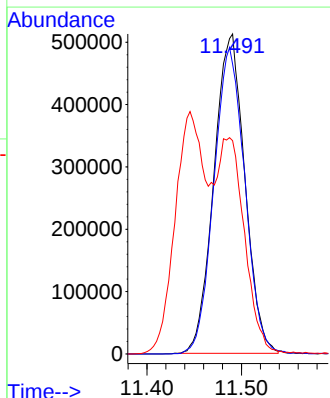
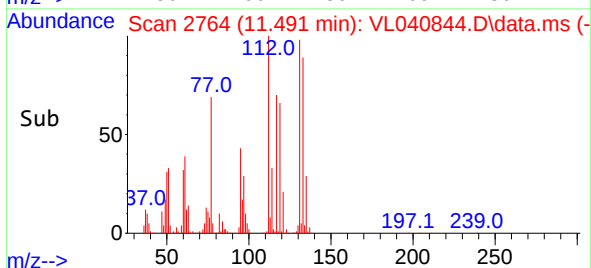
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

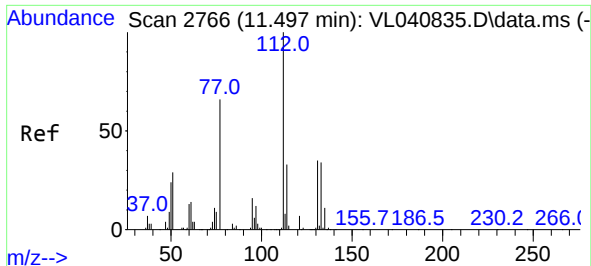


#56
1,1,1,2-Tetrachloroethane
Concen: 10.014 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. 0.010 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



Tgt Ion:131 Resp: 1162072
Ion Ratio Lower Upper
131 100
133 96.3 76.4 114.6
119 67.1 51.1 76.7





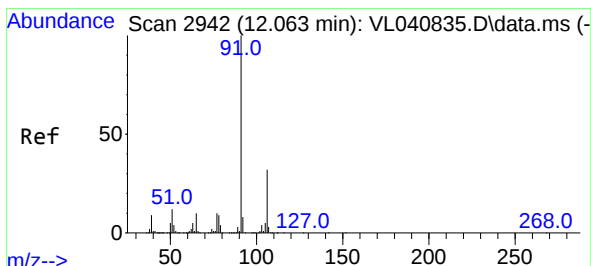
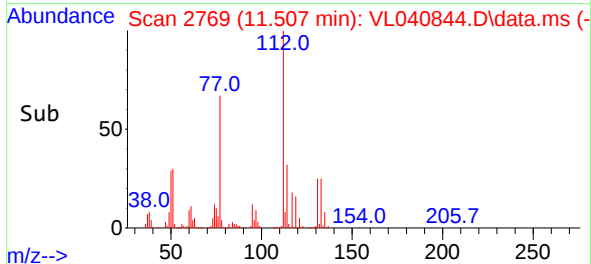
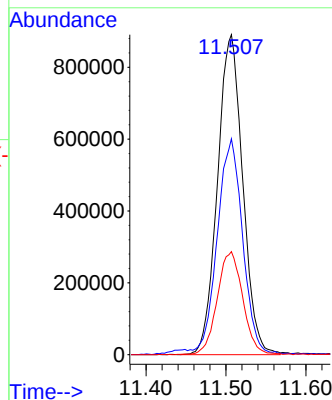
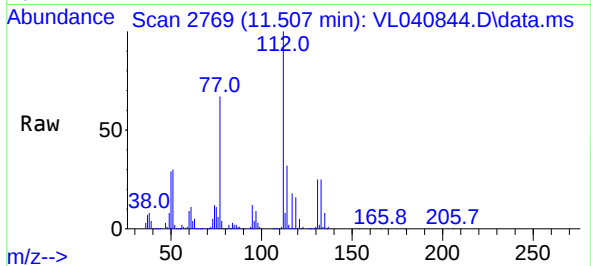
#57
Chlorobenzene
Concen: 9.712 ppbv
RT: 11.507 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1951762
Ion Ratio Lower Upper
112 100
77 67.0 53.3 79.9
114 32.1 29.3 35.9

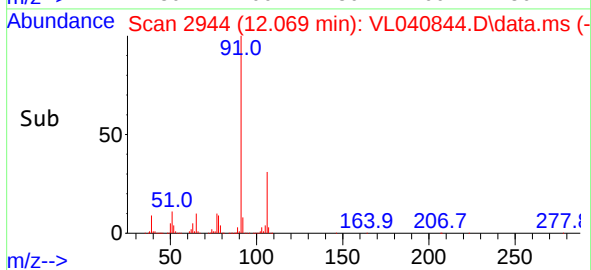
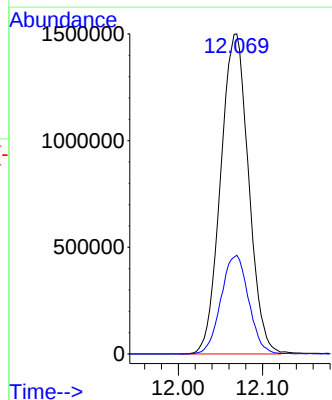
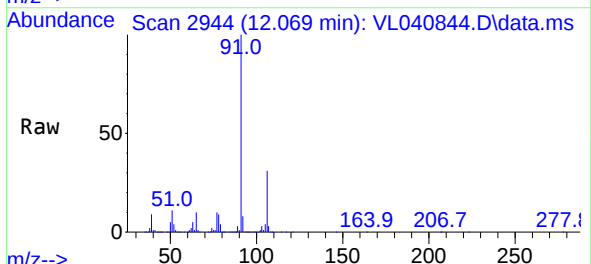
Manual Integrations
APPROVED

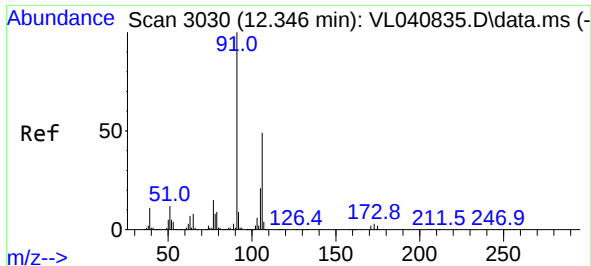
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#58
Ethyl Benzene
Concen: 9.748 ppbv
RT: 12.069 min Scan# 2944
Delta R.T. 0.006 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 91 Resp: 3448610
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8





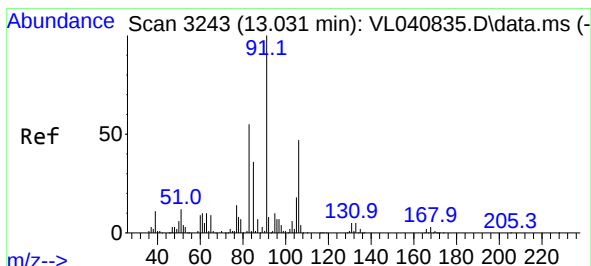
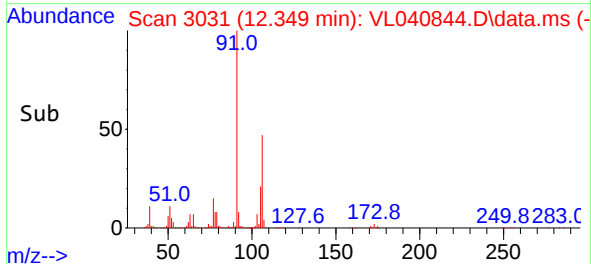
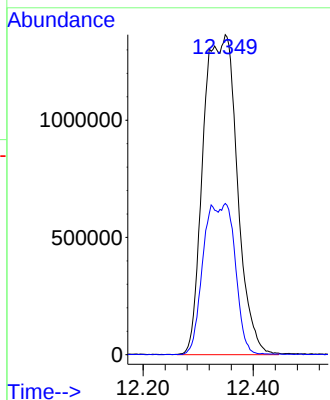
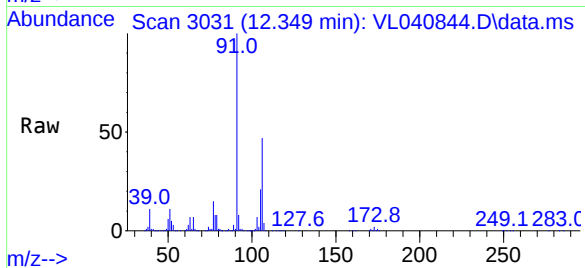
#59
m/p-Xylene
Concen: 19.293 ppbv m
RT: 12.349 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 5812092
Ion Ratio Lower Upper
91 100
106 44.4 35.4 53.0

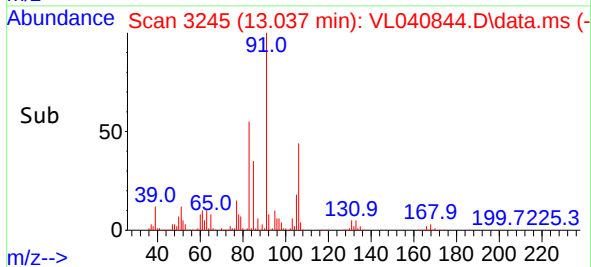
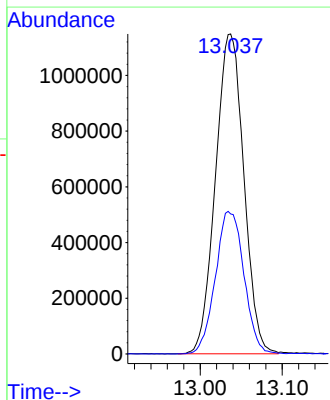
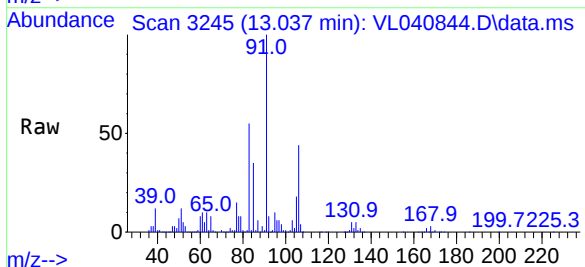
Manual Integrations
APPROVED

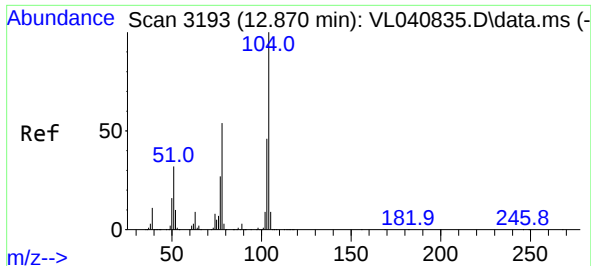
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#60
o-Xylene
Concen: 9.618 ppbv
RT: 13.037 min Scan# 3245
Delta R.T. 0.007 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 91 Resp: 2758328
Ion Ratio Lower Upper
91 100
106 45.1 22.9 68.5





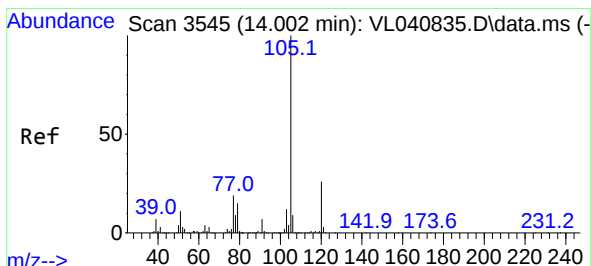
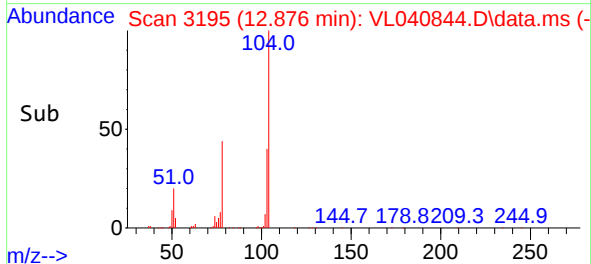
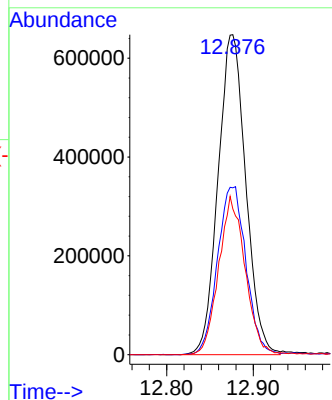
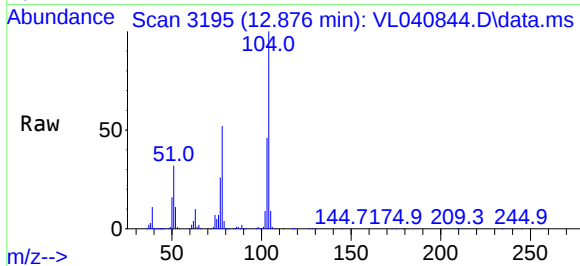
#61
Styrene
Concen: 10.407 ppbv
RT: 12.876 min Scan# 3193
Delta R.T. 0.006 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1439348
Ion Ratio Lower Upper
104 100
78 54.5 43.3 64.9
103 47.5 37.6 56.4

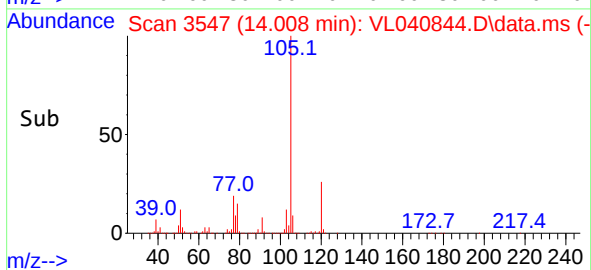
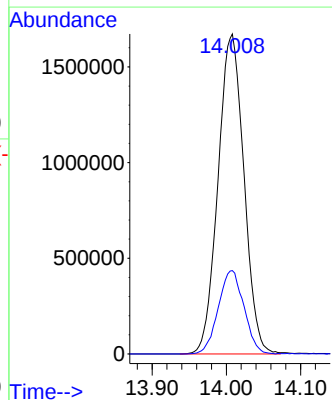
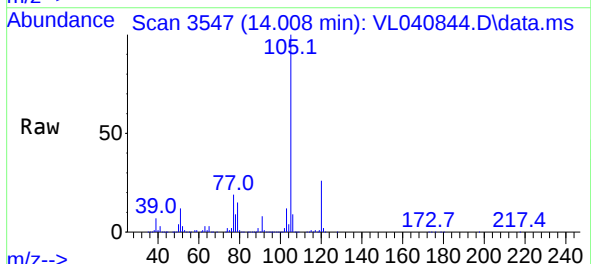
Manual Integrations
APPROVED

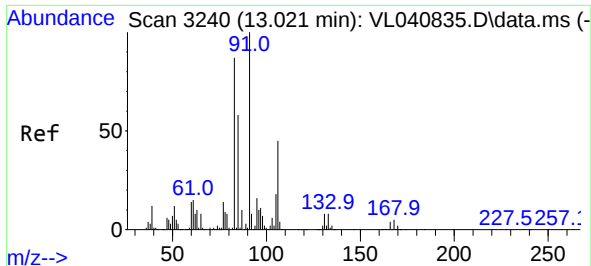
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#62
Isopropylbenzene
Concen: 9.557 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. 0.006 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

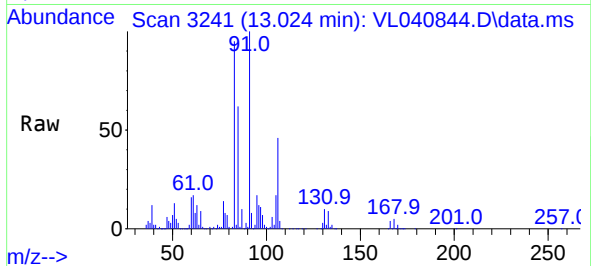
Tgt Ion:105 Resp: 4049367
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.783 ppbv
RT: 13.024 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

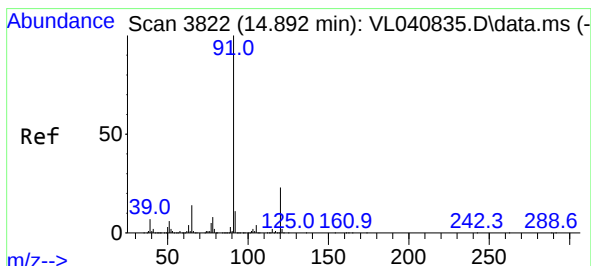
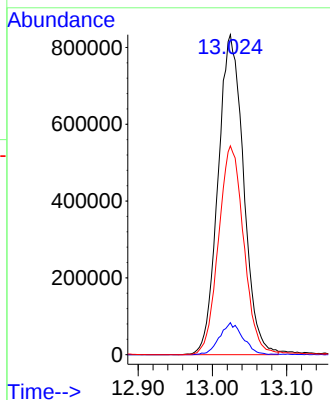
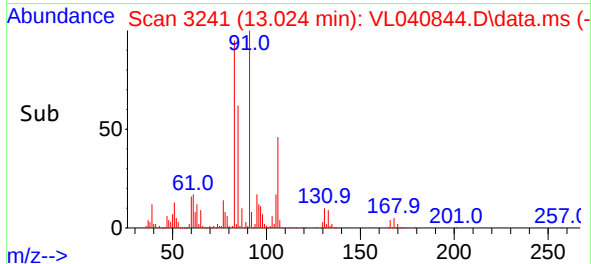
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



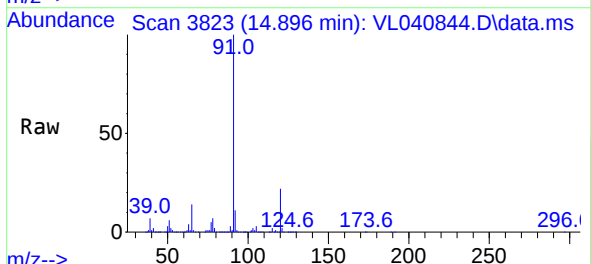
Tgt Ion: 83 Resp: 1988472
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 65.6 32.9 98.7

Manual Integrations
APPROVED

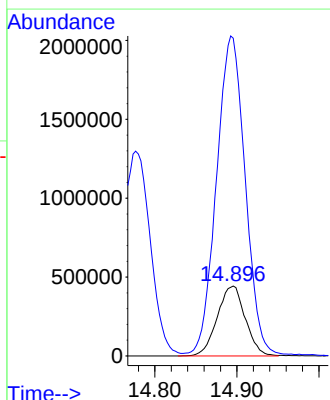
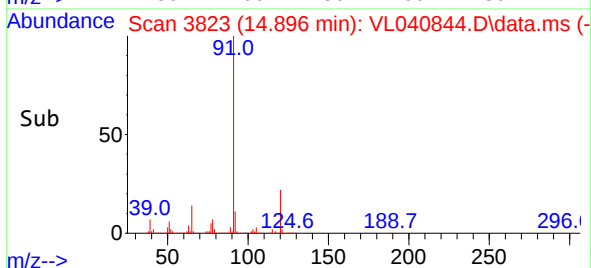
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

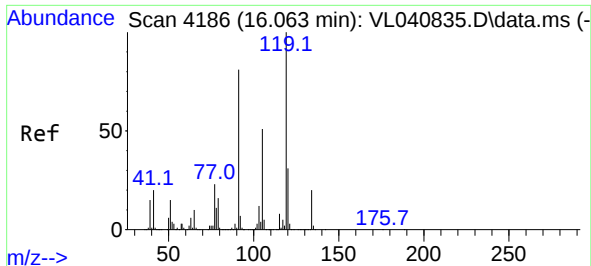


#64
n-propylbenzene
Concen: 9.915 ppbv
RT: 14.896 min Scan# 3823
Delta R.T. 0.003 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



Tgt Ion:120 Resp: 1052833
Ion Ratio Lower Upper
120 100
91 472.6 381.1 571.7





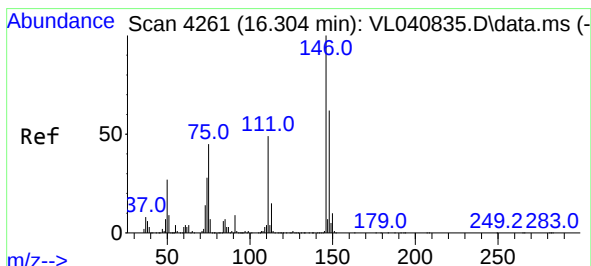
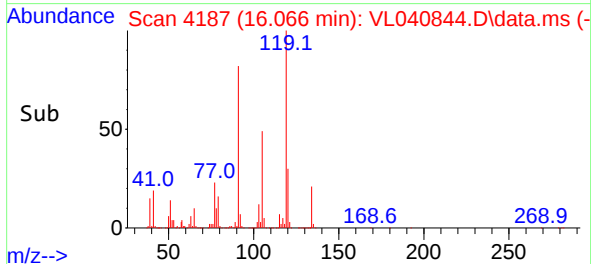
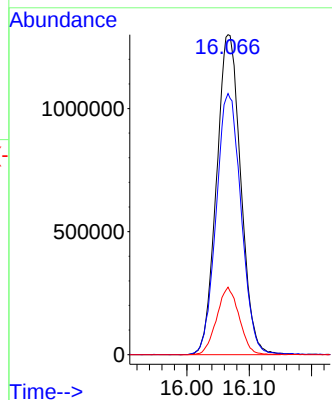
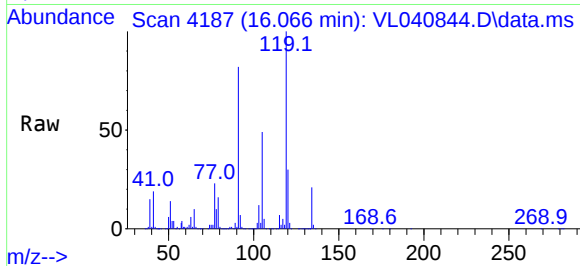
#65
tert-Butylbenzene
Concen: 9.815 ppbv
RT: 16.066 min Scan# 4186
Delta R.T. 0.003 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 350624
Ion Ratio Lower Upper
119 100
91 84.1 67.5 101.3
134 19.6 15.9 23.9

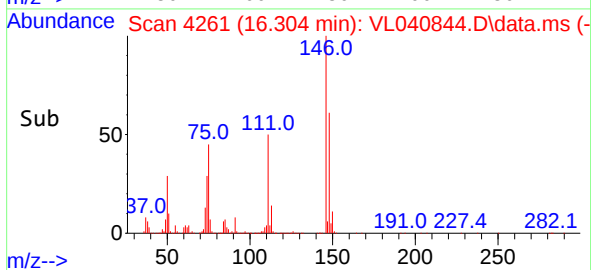
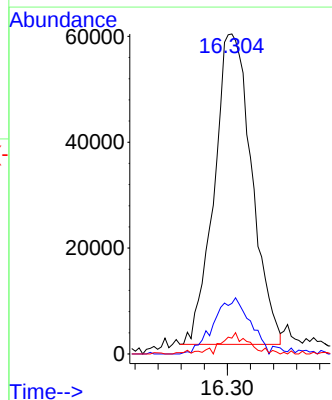
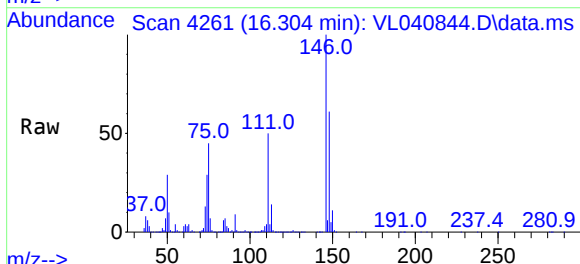
Manual Integrations
APPROVED

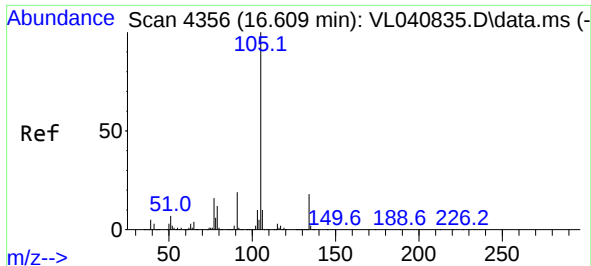
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#66
Benzyl Chloride
Concen: 10.049 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 91 Resp: 132292
Ion Ratio Lower Upper
91 100
126 18.9 12.8 19.2
128 5.6 0.0 0.0#





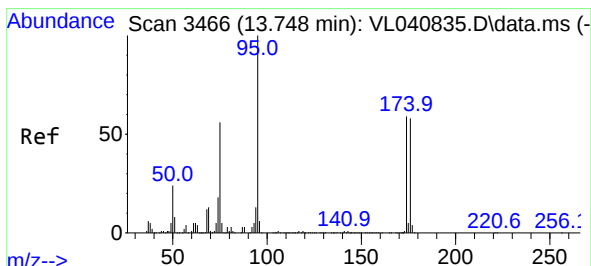
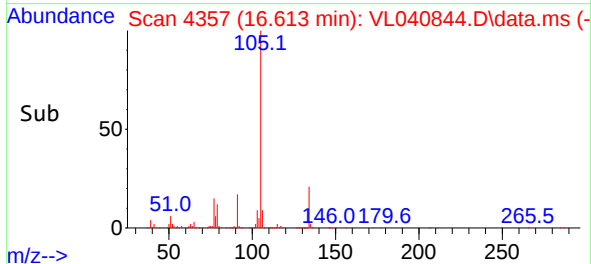
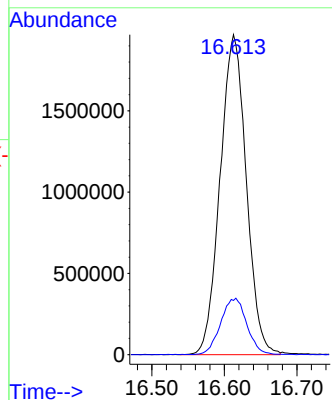
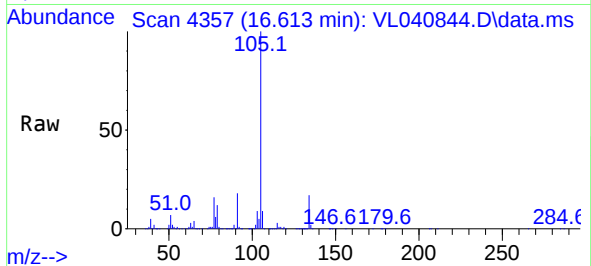
#67
sec-Butylbenzene
Concen: 9.663 ppbv
RT: 16.613 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 493120
Ion Ratio Lower Upper
105 100
134 17.7 14.3 21.5

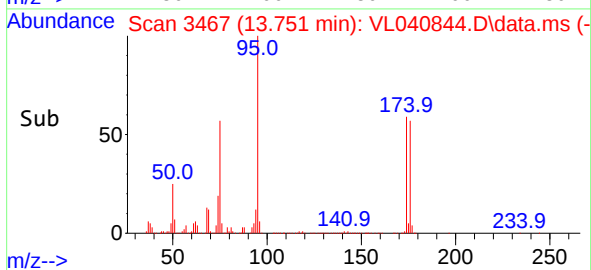
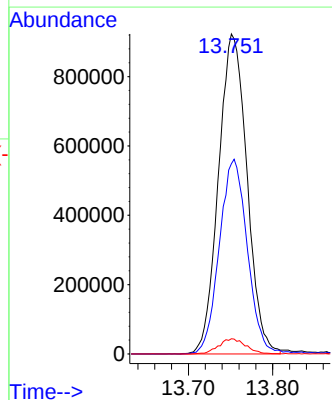
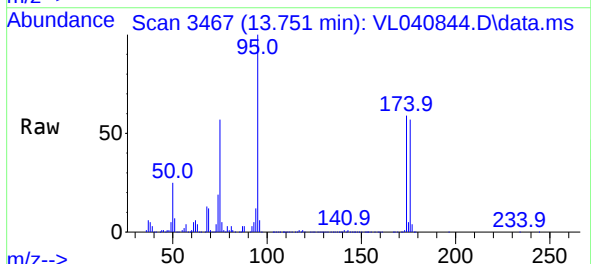
Manual Integrations
APPROVED

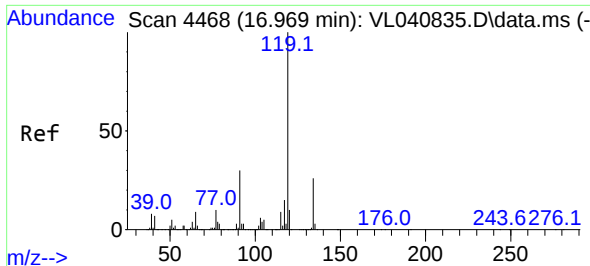
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 10.204 ppbv
RT: 13.751 min Scan# 3467
Delta R.T. 0.003 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

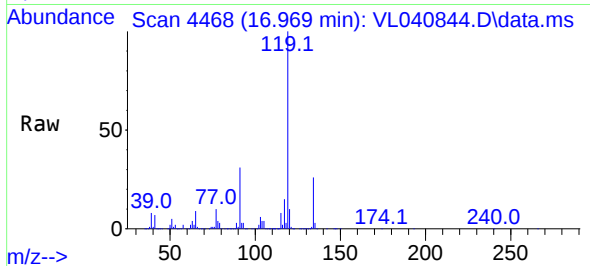
Tgt Ion: 95 Resp: 2166094
Ion Ratio Lower Upper
95 100
174 60.1 47.5 71.3
175 4.6 3.6 5.4





#69
p-Isopropyltoluene
Concen: 9.772 ppbv
RT: 16.969 min Scan# 4468
Delta R.T. 0.000 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

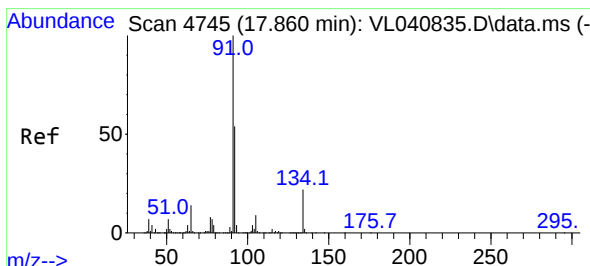
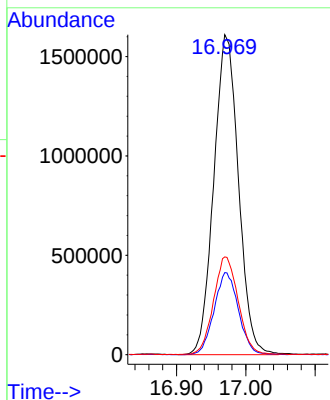
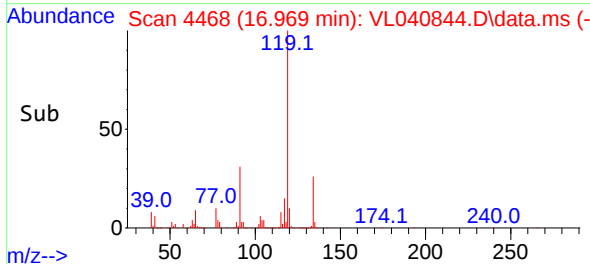
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



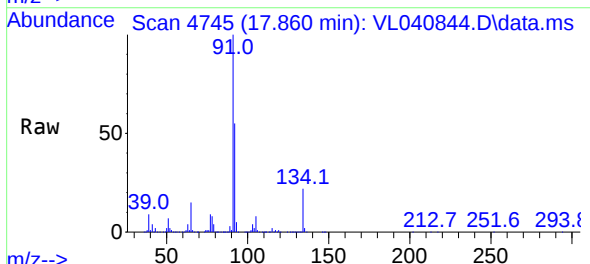
Tgt Ion:119 Resp: 3976654
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 30.6 24.7 37.1

Manual Integrations
APPROVED

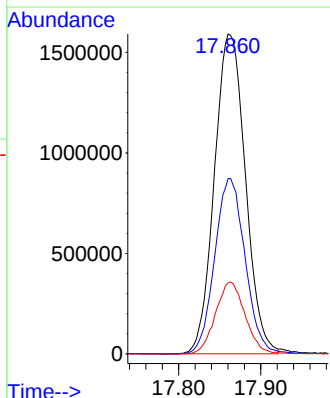
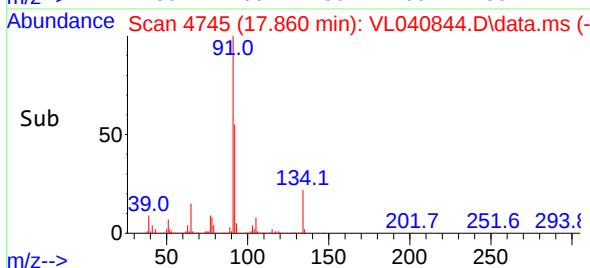
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

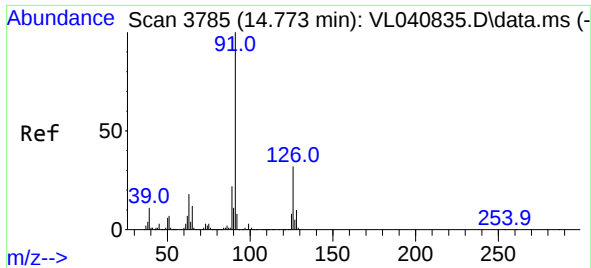


#70
n-Butylbenzene
Concen: 9.717 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. 0.000 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



Tgt Ion: 91 Resp: 4175512
Ion Ratio Lower Upper
91 100
92 54.0 43.4 65.2
134 21.7 17.4 26.0





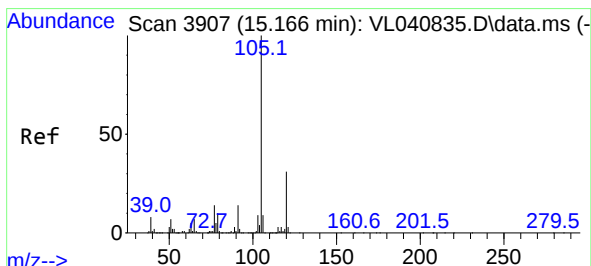
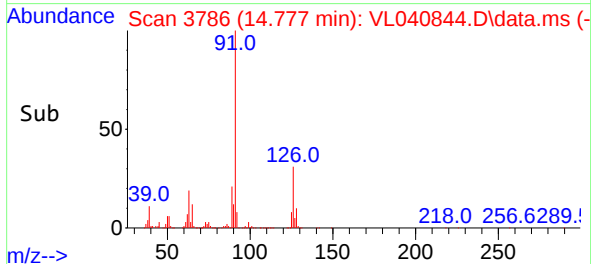
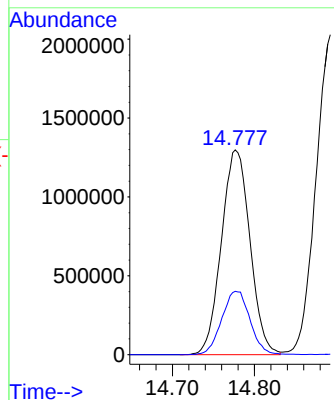
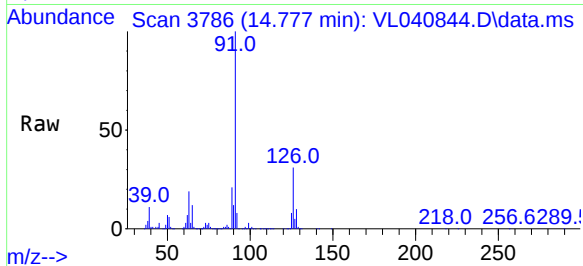
#71
2-Chlorotoluene
Concen: 9.758 ppbv
RT: 14.777 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 315165
Ion Ratio Lower Upper
91 100
126 30.8 12.1 48.5

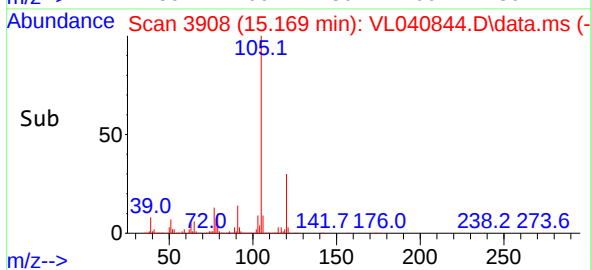
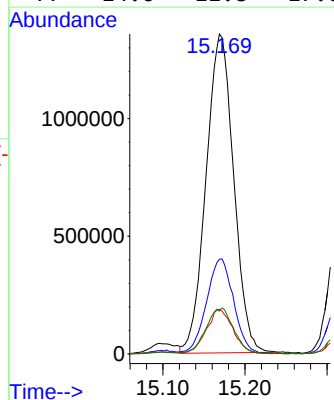
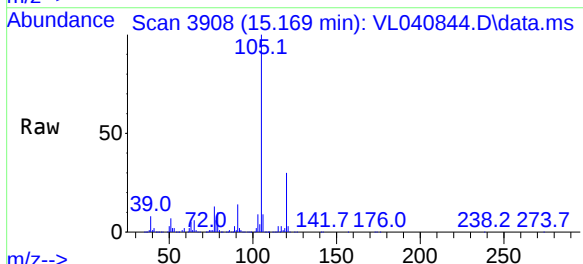
Manual Integrations
APPROVED

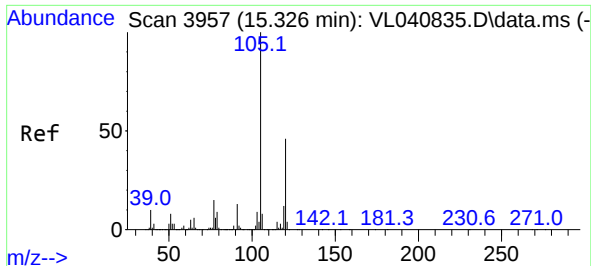
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#72
4-Ethyltoluene
Concen: 10.068 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. 0.003 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

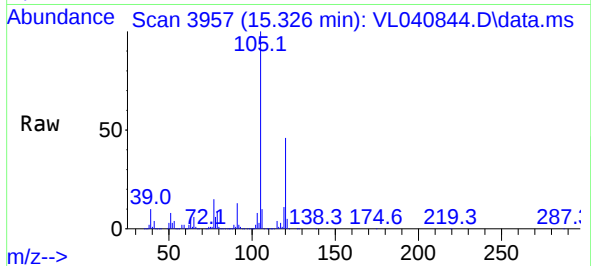
Tgt Ion:105 Resp: 3174092
Ion Ratio Lower Upper
105 100
120 29.6 24.5 36.7
91 13.5 10.6 16.0
77 14.6 11.8 17.6





#73
1,3,5-Trimethylbenzene
Concen: 9.798 ppbv
RT: 15.326 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

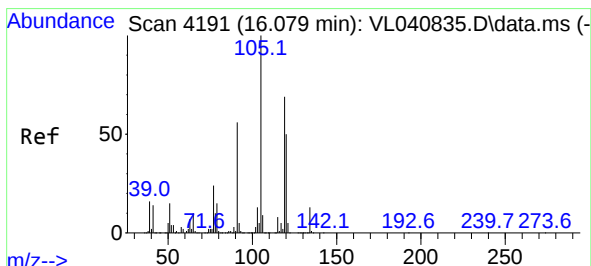
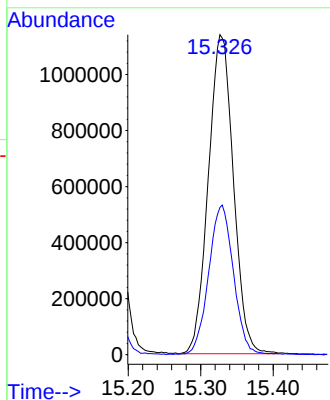
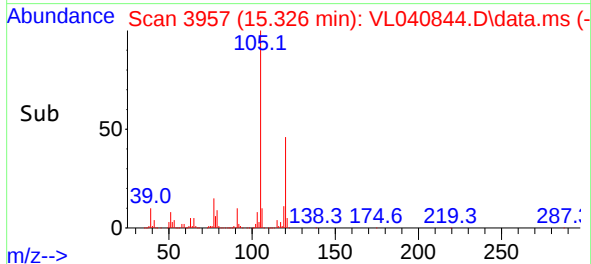
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



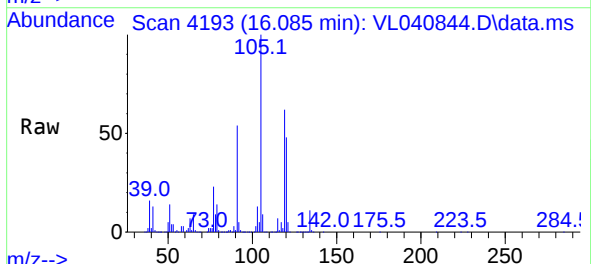
Tgt Ion:105 Resp: 273167
Ion Ratio Lower Upper
105 100
120 46.0 36.8 55.2

Manual Integrations
APPROVED

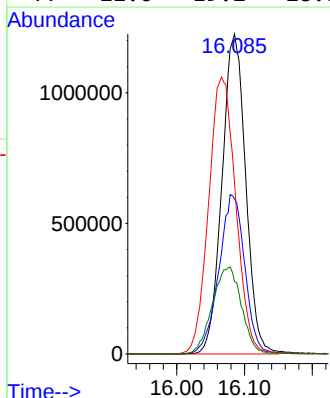
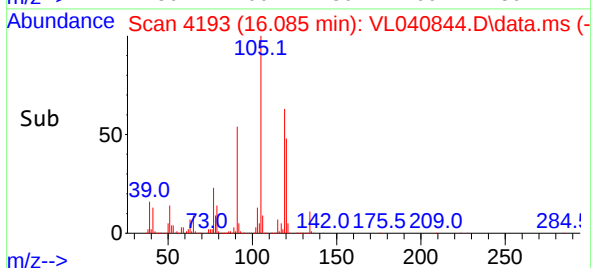
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

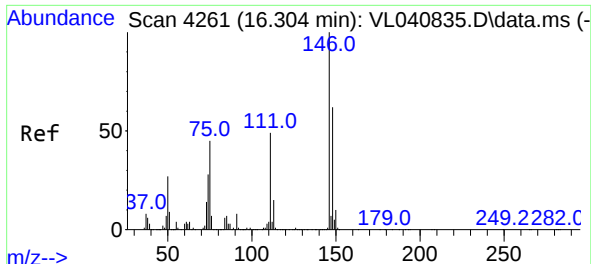


#74
1,2,4-Trimethylbenzene
Concen: 9.551 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. 0.006 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



Tgt Ion:105 Resp: 2971711
Ion Ratio Lower Upper
105 100
120 48.4 40.2 60.2
91 53.6 45.7 68.5
77 22.6 19.2 28.8





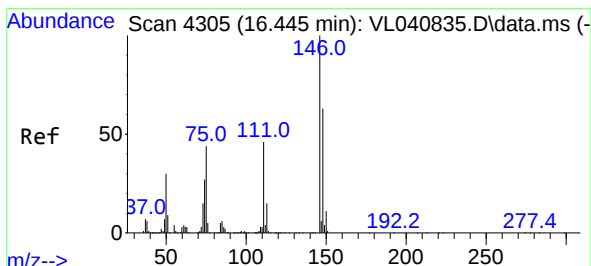
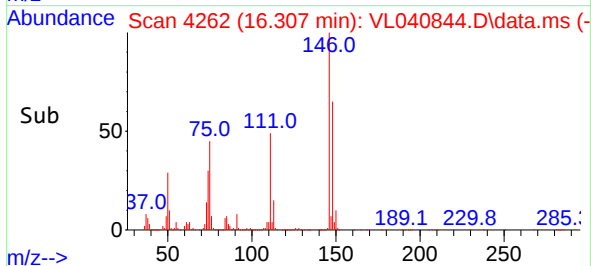
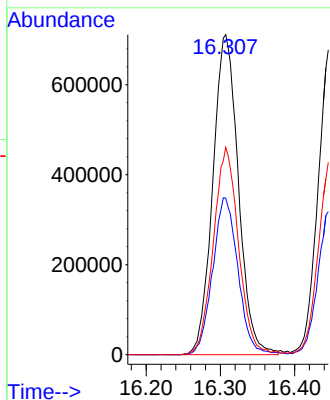
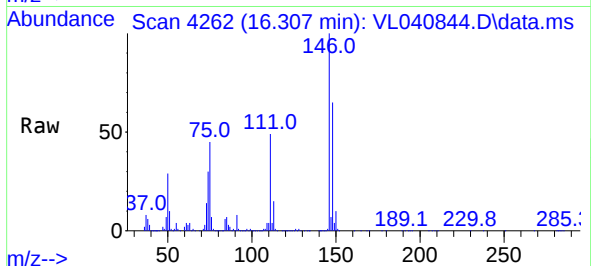
#75
1,3-Dichlorobenzene
Concen: 9.898 ppbv
RT: 16.307 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1700530
Ion Ratio Lower Upper
146 100
111 48.8 24.9 74.8
148 64.0 32.1 96.5

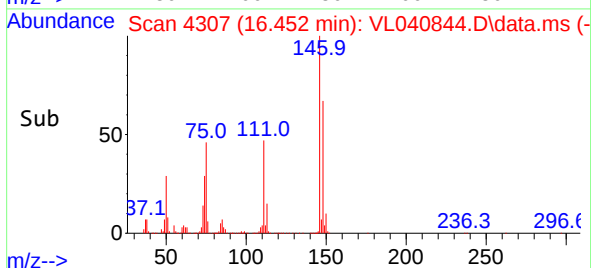
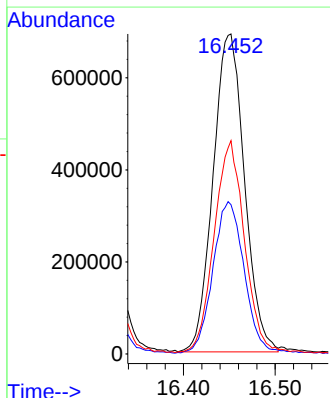
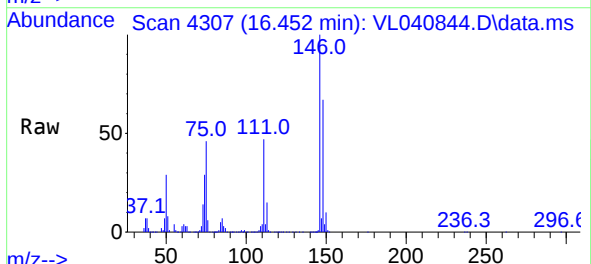
Manual Integrations
APPROVED

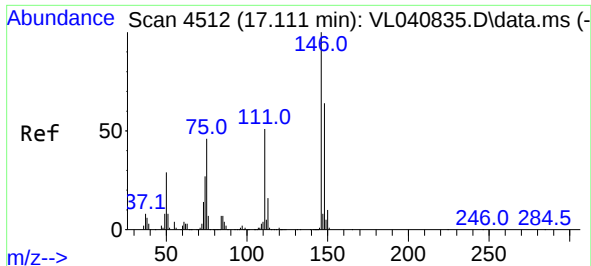
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#76
1,4-Dichlorobenzene
Concen: 10.008 ppbv
RT: 16.452 min Scan# 4307
Delta R.T. 0.006 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

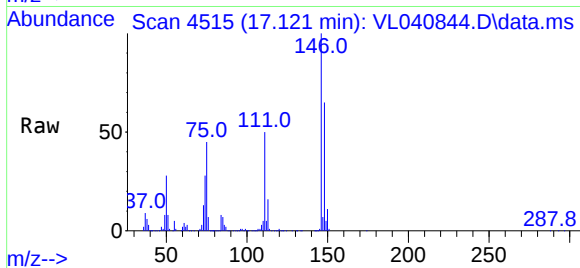
Tgt Ion:146 Resp: 1646146
Ion Ratio Lower Upper
146 100
111 48.4 24.1 72.4
148 65.6 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 9.686 ppbv
RT: 17.121 min Scan# 4515
Delta R.T. 0.010 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

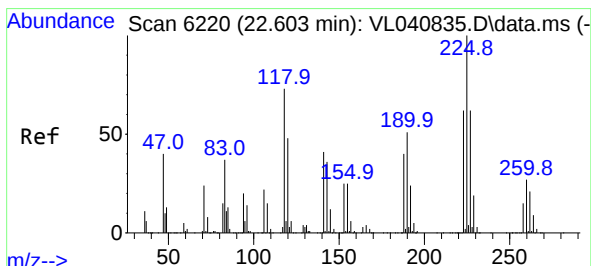
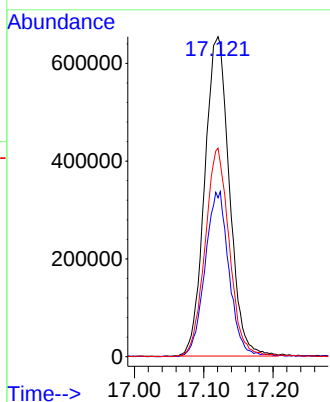
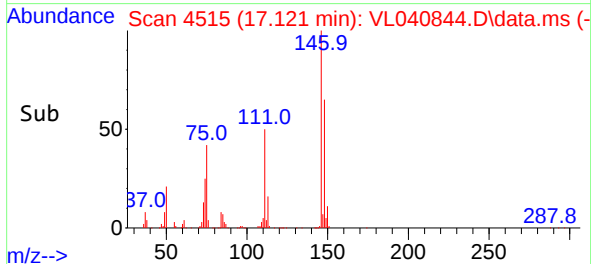
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



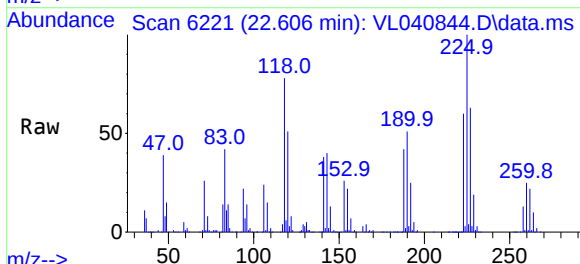
Tgt Ion:146 Resp: 1617964
Ion Ratio Lower Upper
146 100
111 50.8 25.7 77.1
148 64.4 32.3 96.9

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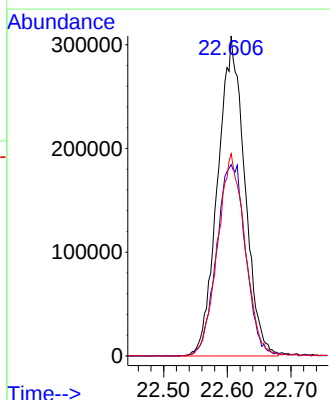
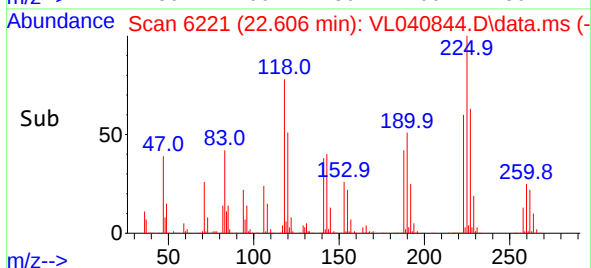
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

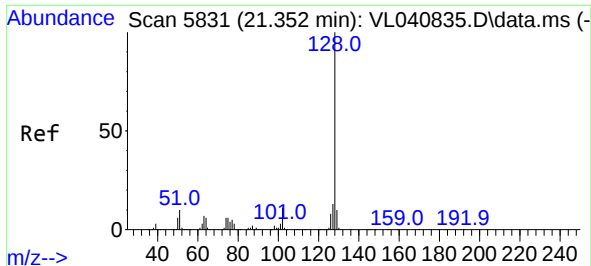


#78
Hexachloro-1,3-Butadiene
Concen: 8.691 ppbv
RT: 22.606 min Scan# 6221
Delta R.T. 0.003 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



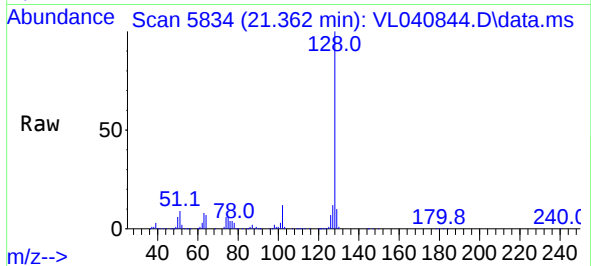
Tgt Ion:225 Resp: 909073
Ion Ratio Lower Upper
225 100
223 64.9 51.1 76.7
227 64.3 50.8 76.2





#79
Naphthalene
Concen: 12.948 ppbv
RT: 21.362 min Scan# 5834
Delta R.T. 0.010 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

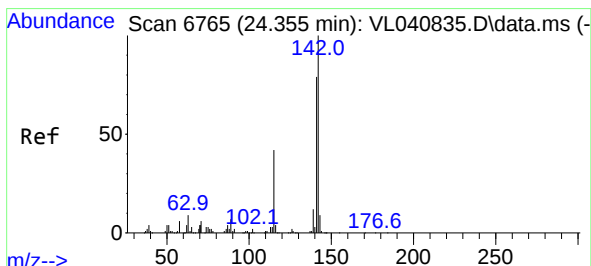
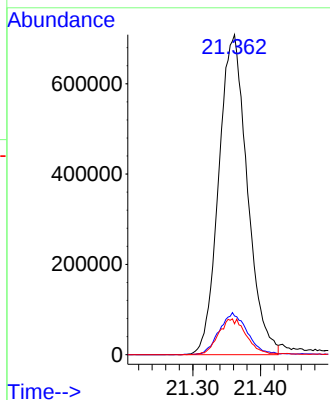
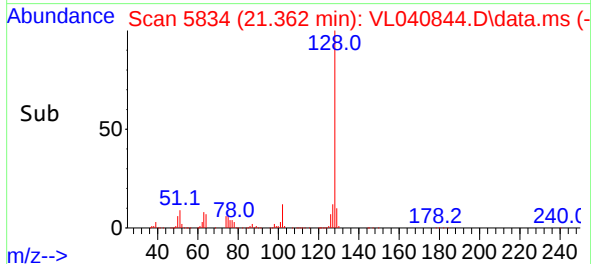
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



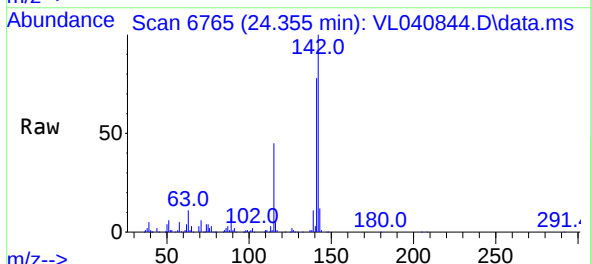
Tgt Ion:128 Resp: 2070689
Ion Ratio Lower Upper
128 100
127 12.1 10.0 15.0
129 9.7 8.3 12.5

Manual Integrations
APPROVED

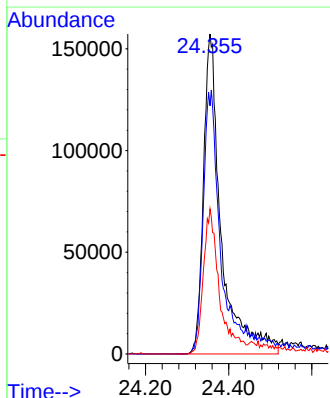
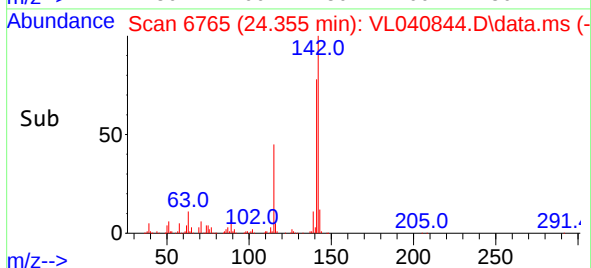
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

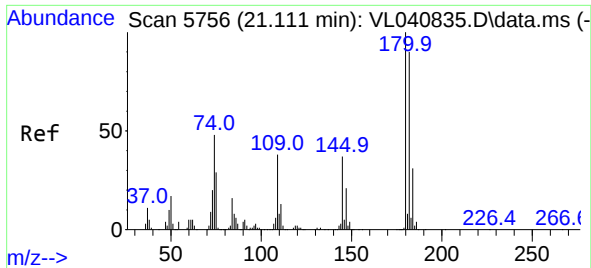


#80
Naphthalene,2-methyl-
Concen: 16.619 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. 0.000 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54



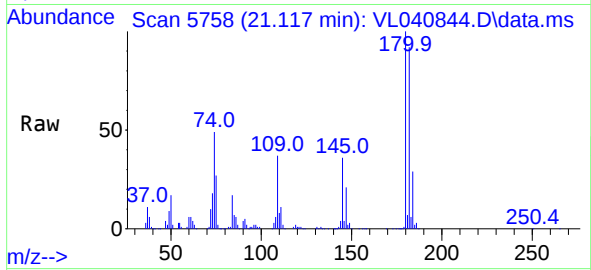
Tgt Ion:142 Resp: 469142
Ion Ratio Lower Upper
142 100
141 87.8 65.8 98.8
115 41.0 35.6 53.4





#81
1,2,4-Trichlorobenzene
Concen: 10.745 ppbv
RT: 21.117 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1044598
Ion Ratio Lower Upper
180 100
182 96.6 77.6 116.4
184 31.0 24.2 36.2

Manual Integrations
APPROVED

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

