

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040832.D
 Acq On : 9 Nov 2023 11:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/11/2023
 Supervised By : Mahesh Dadoda 11/13/2023

Quant Time: Nov 10 04:51:31 2023

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

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

QLast Update : Thu Nov 09 00:25:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.221	49	1067960	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.677	114	2637718	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.481	117	2474976	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.789 95 1771607 9.728 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.774	85	2135879	11.357	ppbv	96
3) Chlorodifluoromethane	2.719	51	1690967	10.774	ppbv	96
4) Chloromethane	2.854	50	623120	10.054	ppbv	95
5) Vinyl Chloride	2.960	62	650816	10.163	ppbv	95
6) Bromomethane	3.160	94	281966	10.643	ppbv	96
7) Chloroethane	3.237	64	219401	10.525	ppbv	98
8) Dichlorotetrafluoroethane	2.899	85	1496753	10.499	ppbv	96
9) Propene	2.738	41	588076	10.088	ppbv	100
10) Heptane	7.597	43	1462625	9.988	ppbv	99
11) Trichlorofluoromethane	3.597	101	1664292	11.466	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.099	101	1177179	11.371	ppbv	98
13) Ethanol	3.279	45	119660	9.093	ppbv	97
14) Bromoethene	3.404	108	490037	11.053	ppbv	97
15) Acetone	3.504	43	1172402	10.619	ppbv	98
16) 1,3-Butadiene	3.025	39	628720	10.855	ppbv	98
17) tert-Butyl alcohol	3.912	59	973012	8.595	ppbv	99
18) 1,1-Dichloroethene	3.915	96	500255	10.781	ppbv	98
19) Isopropyl Alcohol	3.610	45	729685	10.267	ppbv #	41
20) Methylene Chloride	3.967	84	433566	9.428	ppbv	98
21) Allyl Chloride	4.028	41	806348	11.074	ppbv	96
22) trans-1,2-Dichloroethene	4.475	96	679364	13.757	ppbv	97
23) Vinyl Acetate	4.655	43	1724328	12.255	ppbv	98
24) 1,1-Dichloroethane	4.594	63	1416881	13.352	ppbv	99
25) Ethyl Acetate	5.230	43	2510969	10.380	ppbv	99
26) Hexane	5.240	57	1079022	9.760	ppbv	96
27) Carbon Disulfide	4.156	76	1354262	11.102	ppbv	99
28) Methyl tert-Butyl Ether	4.616	73	1022600	11.894	ppbv	100
29) Chloroform	5.301	83	1800620	11.256	ppbv	96
30) Cyclohexane	6.626	84	912987	9.704	ppbv	98
31) cis-1,2-Dichloroethene	5.105	61	1132089	11.111	ppbv	94
32) 1,1,1-Trichloroethane	6.028	97	1800701	10.576	ppbv	99
34) 2-Butanone	4.816	43	1599655	13.398	ppbv	100
35) Carbon Tetrachloride	6.516	117	1888403	12.755	ppbv	96
36) Benzene	6.394	78	2297124	11.322	ppbv	98
37) 1,2-Dichloroethane	5.832	62	1403768	13.510	ppbv	97
38) Trichloroethene	7.314	130	895613	9.975	ppbv	100
39) 1,2-Dichloropropane	7.095	63	896018	11.304	ppbv	95
40) 1,4-Dioxane	7.301	88	357059	11.904	ppbv #	98
41) Tetrahydrofuran	5.578	42	967906	11.707	ppbv	99
42) Bromodichloromethane	7.269	83	1999542	12.846	ppbv	98
43) Methyl Methacrylate	7.494	69	952534	11.728	ppbv	98
44) 2,2,4-Trimethylpentane	7.346	57	3798584	11.071	ppbv	99
45) t-1,3-Dichloropropene	8.725	75	826329	12.760	ppbv	98

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

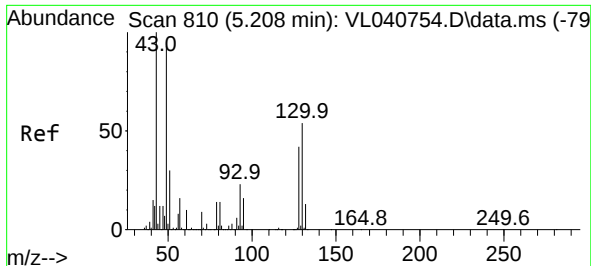
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Thu Nov 09 00:25:02 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.159	75	968641	12.243	ppbv	96
47) 1,1,2-Trichloroethane	8.915	97	962845	11.564	ppbv	98
48) Dibromochloromethane	9.725	129	1706043	12.227	ppbv	100
49) Bromoform	12.420	173	1355284	11.949	ppbv	100
50) 4-Methyl-2-Pentanone	8.198	43	2428608	11.891	ppbv	97
51) 2-Hexanone	9.565	43	1811227	11.652	ppbv #	98
52) Tetrachloroethene	10.632	164	794378	9.639	ppbv	93
53) Toluene	9.237	91	2630628	10.895	ppbv	98
54) 1,2-Dibromoethane	10.021	107	1418648	12.154	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.523	131	1202102	11.901	ppbv	97
57) Chlorobenzene	11.539	112	2033186	11.465	ppbv	100
58) Ethyl Benzene	12.101	91	3570663	11.458	ppbv	97
59) m/p-Xylene	12.384	91	6000293m	23.396	ppbv	
60) o-Xylene	13.072	91	2850352	11.664	ppbv	97
61) Styrene	12.908	104	1528049	11.286	ppbv	97
62) Isopropylbenzene	14.040	105	4187599	11.139	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.060	83	2080253	11.354	ppbv	99
64) n-propylbenzene	14.928	120	1108164	10.973	ppbv	84
65) tert-Butylbenzene	16.098	119	3686745	10.873	ppbv	95
66) Benzyl Chloride	16.339	91	287322	8.411	ppbv	94
67) sec-Butylbenzene	16.645	105	5186975	11.173	ppbv	97
69) p-Isopropyltoluene	17.005	119	4236158	10.890	ppbv	97
70) n-Butylbenzene	17.892	91	4543503	11.894	ppbv	97
71) 2-Chlorotoluene	14.812	91	3280290	11.616	ppbv	96
72) 4-Ethyltoluene	15.204	105	3317246	11.592	ppbv	97
73) 1,3,5-Trimethylbenzene	15.359	105	2889011	11.466	ppbv	94
74) 1,2,4-Trimethylbenzene	16.117	105	3127611	11.361	ppbv	95
75) 1,3-Dichlorobenzene	16.342	146	1839629	10.745	ppbv	97
76) 1,4-Dichlorobenzene	16.484	146	1813236	10.694	ppbv	96
77) 1,2-Dichlorobenzene	17.153	146	1773216	10.556	ppbv	97
78) Hexachloro-1,3-Butadiene	22.648	225	1084300	9.021	ppbv	99
79) Naphthalene	21.397	128	2539476	11.349	ppbv	100
80) Naphthalene,2-methyl-	24.384	142	613186	9.765	ppbv	95
81) 1,2,4-Trichlorobenzene	21.153	180	1284810	10.576	ppbv	99

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



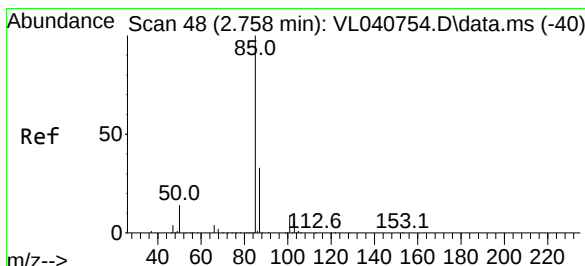
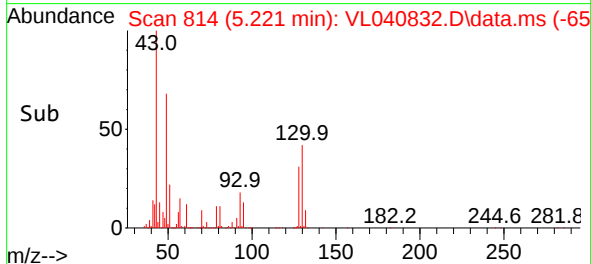
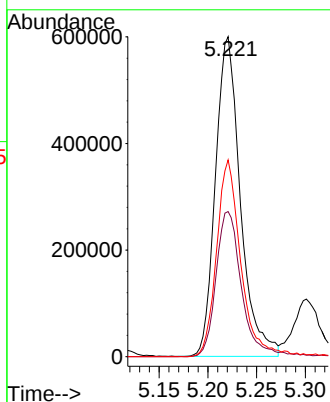
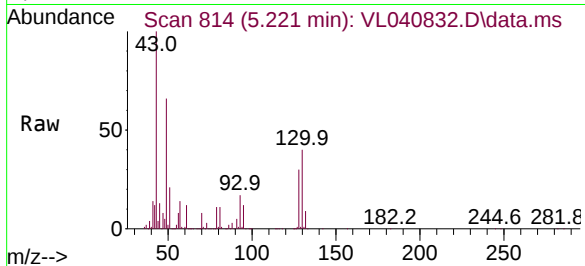
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.221 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 1067960
Ion Ratio Lower Upper
49 100
128 47.3 23.9 71.7
130 60.6 30.7 92.1

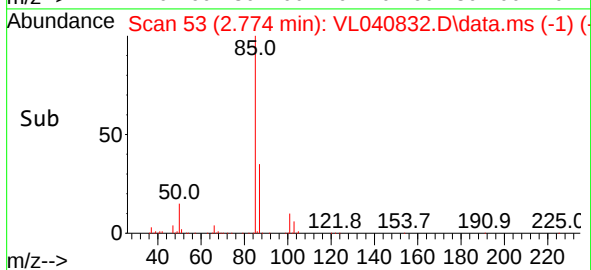
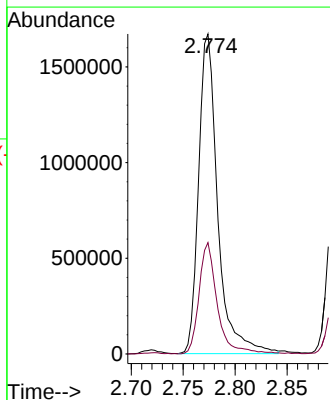
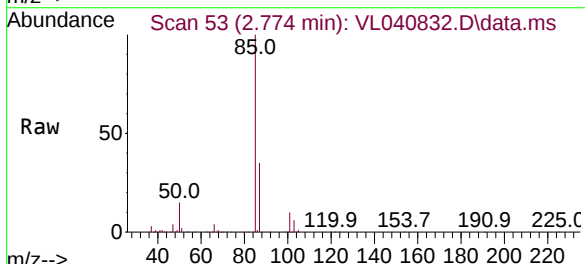
Manual Integrations
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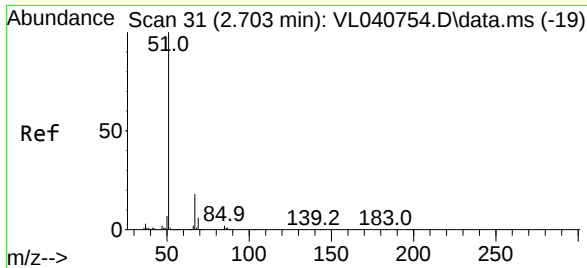
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#2
Dichlorodifluoromethane
Concen: 11.357 ppbv
RT: 2.774 min Scan# 53
Delta R.T. 0.003 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Tgt Ion: 85 Resp: 2135879
Ion Ratio Lower Upper
85 100
87 34.8 26.0 39.0





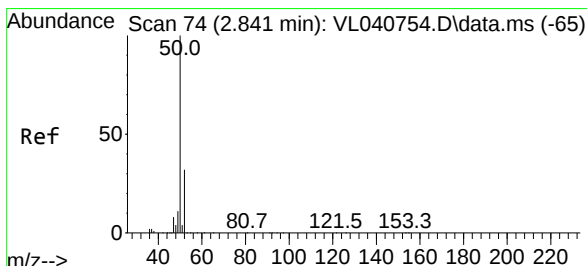
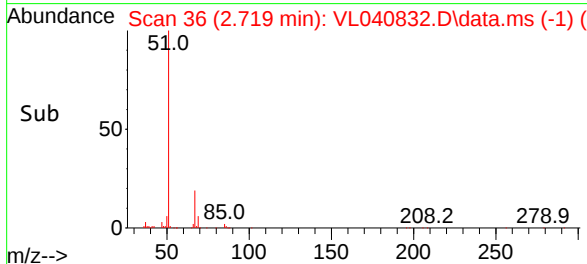
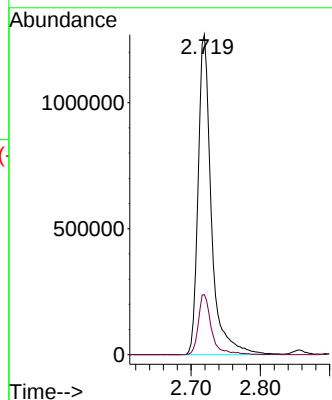
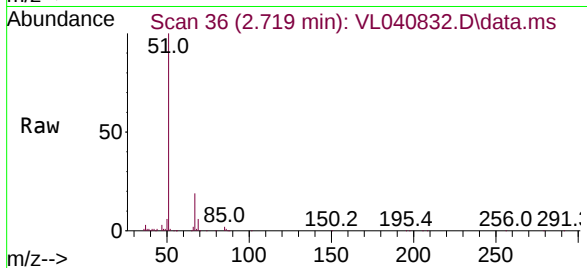
#3
Chlorodifluoromethane
Concen: 10.774 ppbv
RT: 2.719 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 169096
Ion Ratio Lower Upper
51 100
67 18.8 13.8 20.6

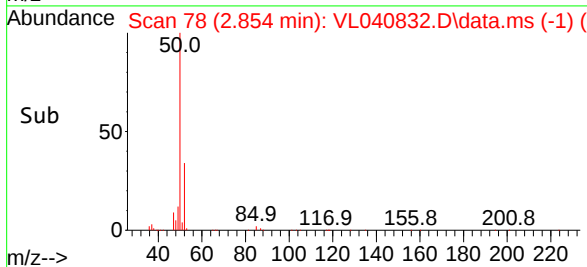
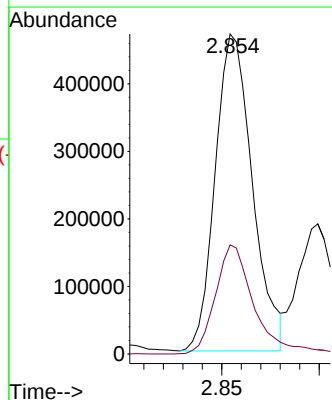
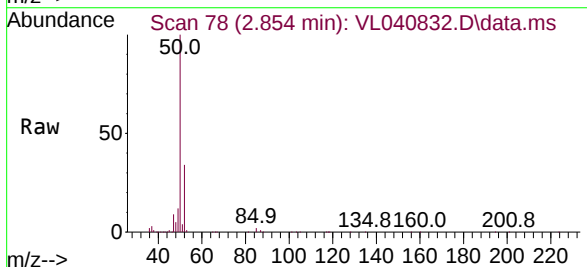
Manual Integrations
APPROVED

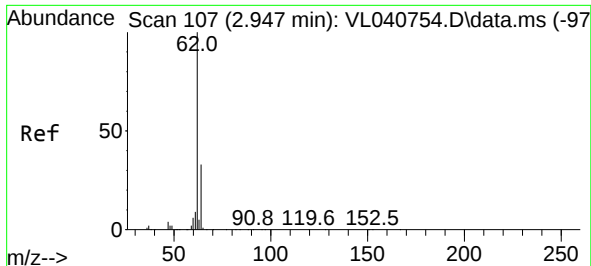
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#4
Chloromethane
Concen: 10.054 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

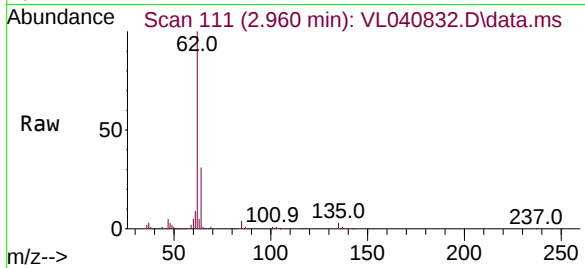
Tgt Ion: 50 Resp: 623120
Ion Ratio Lower Upper
50 100
52 34.4 25.3 37.9





#5
 Vinyl Chloride
 Concen: 10.163 ppbv
 RT: 2.960 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: VL040832.D
 Acq: 9 Nov 2023 11:57

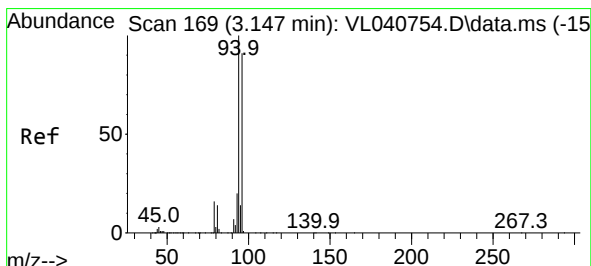
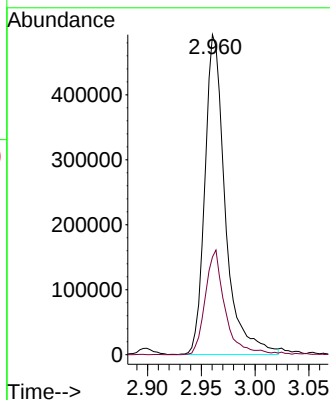
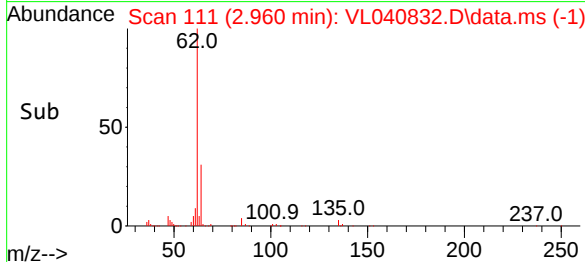
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



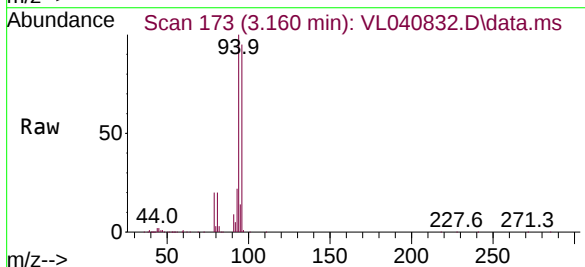
Tgt Ion: 62 Resp: 650810
 Ion Ratio Lower Upper
 62 100
 64 30.5 26.6 39.8

Manual Integrations
 APPROVED

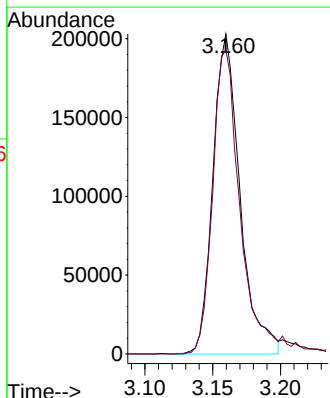
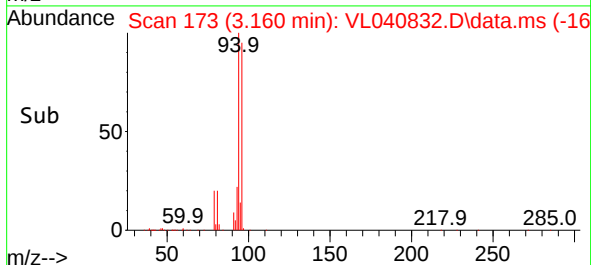
Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023

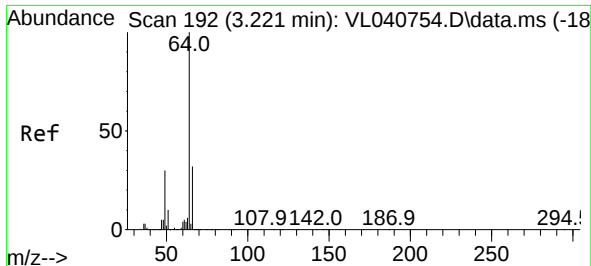


#6
 Bromomethane
 Concen: 10.643 ppbv
 RT: 3.160 min Scan# 173
 Delta R.T. 0.003 min
 Lab File: VL040832.D
 Acq: 9 Nov 2023 11:57



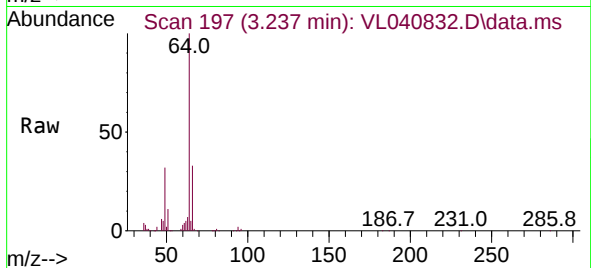
Tgt Ion: 94 Resp: 281966
 Ion Ratio Lower Upper
 94 100
 96 95.0 72.6 109.0





#7
Chloroethane
Concen: 10.525 ppbv
RT: 3.237 min Scan# 192
Delta R.T. 0.007 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

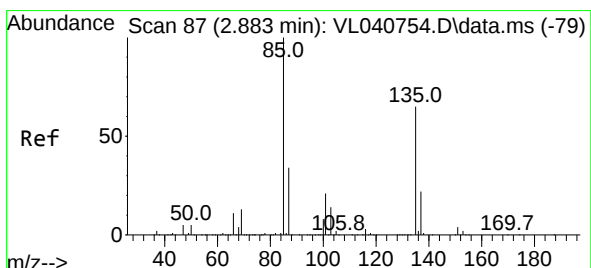
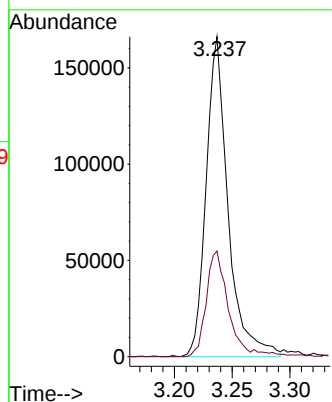
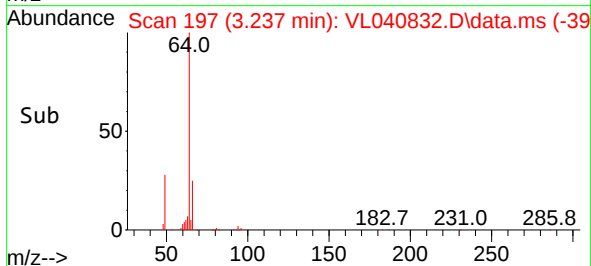
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



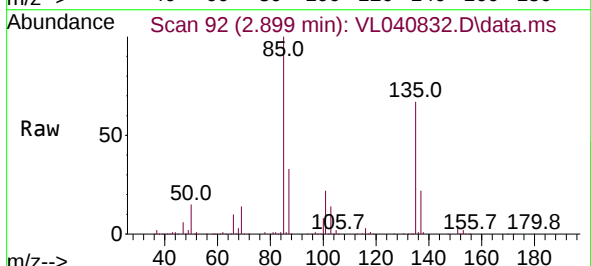
Tgt Ion: 64 Resp: 21940
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.2

Manual Integrations
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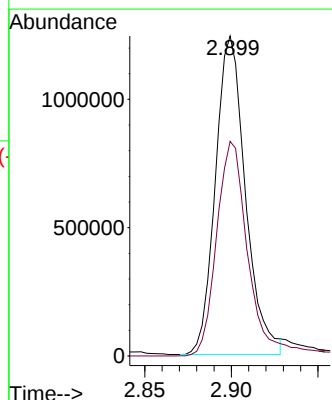
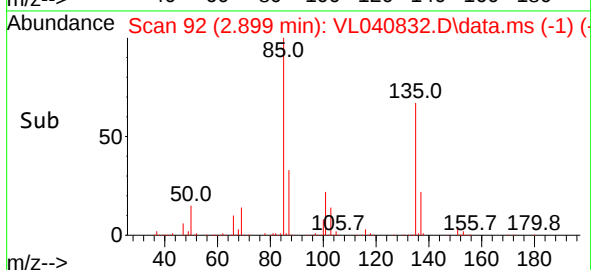
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

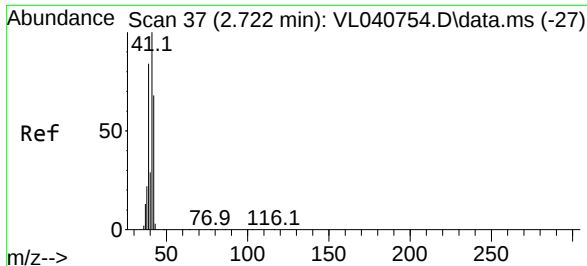


#8
Dichlorotetrafluoroethane
Concen: 10.499 ppbv
RT: 2.899 min Scan# 92
Delta R.T. 0.003 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57



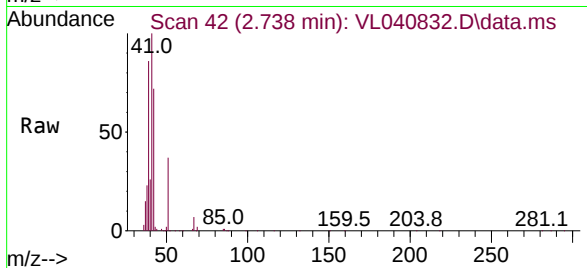
Tgt Ion: 85 Resp: 1496753
Ion Ratio Lower Upper
85 100
135 72.6 55.4 83.2





#9
 Propene
 Concen: 10.088 ppbv
 RT: 2.738 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040832.D
 Acq: 9 Nov 2023 11:57

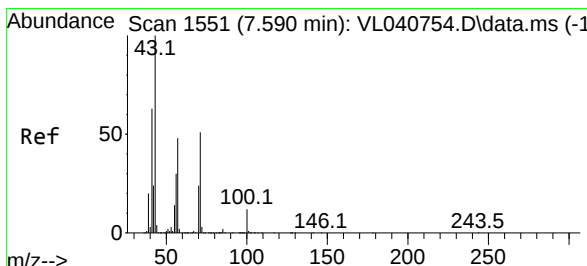
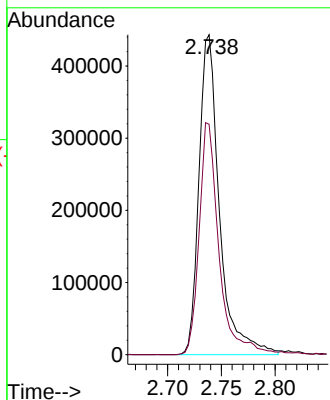
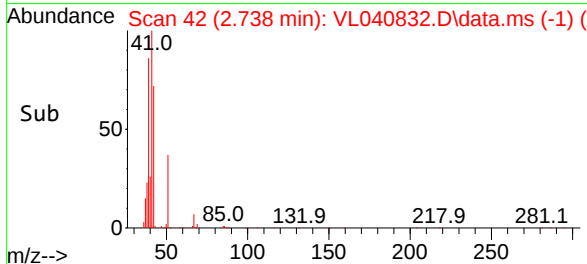
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



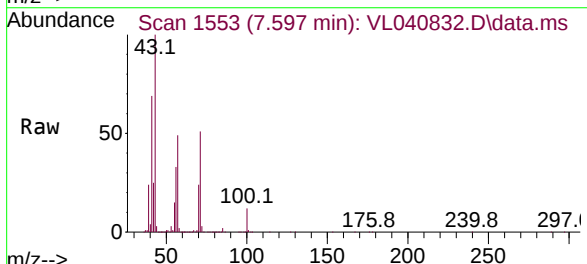
Tgt Ion: 41 Resp: 588070
 Ion Ratio Lower Upper
 41 100
 42 71.1 57.1 85.7

Manual Integrations
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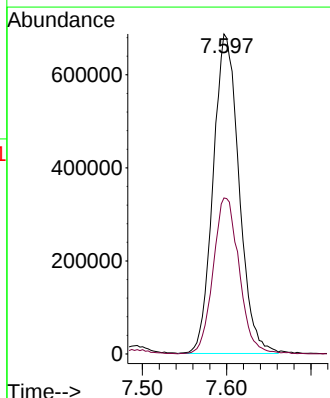
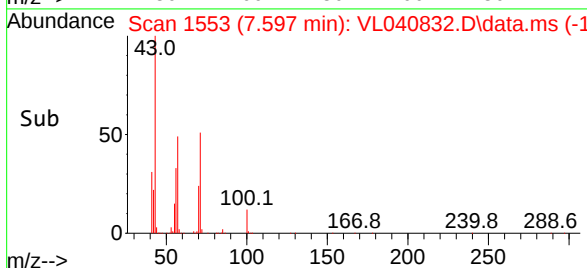
Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023

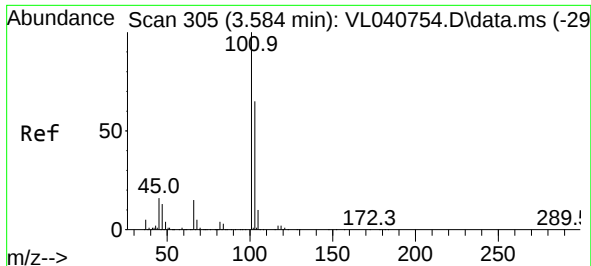


#10
 Heptane
 Concen: 9.988 ppbv
 RT: 7.597 min Scan# 1553
 Delta R.T. 0.010 min
 Lab File: VL040832.D
 Acq: 9 Nov 2023 11:57



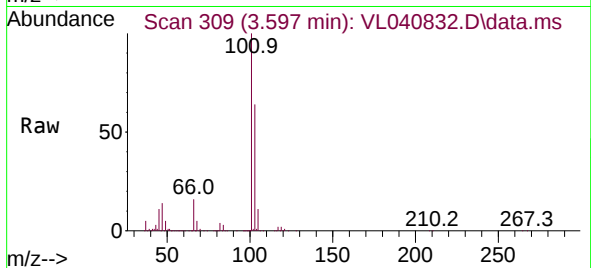
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 Ion Ratio Lower Upper
 43 100
 57 49.4 40.0 60.0





#11
Trichlorofluoromethane
Concen: 11.466 ppbv
RT: 3.597 min Scan# 305
Delta R.T. 0.003 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

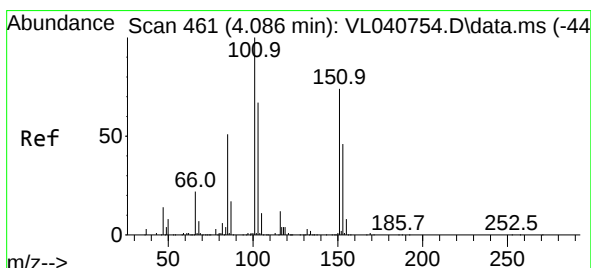
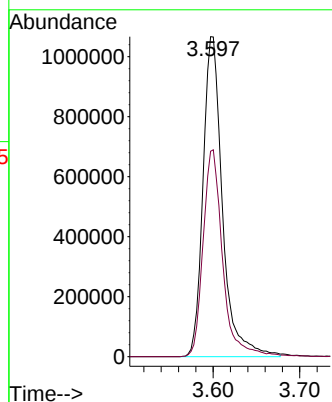
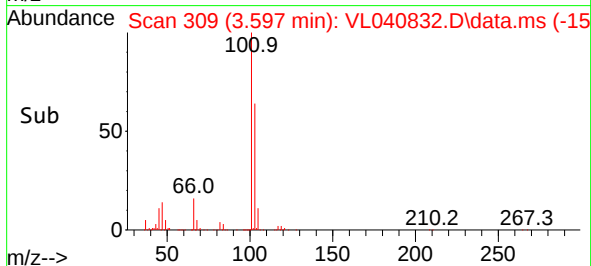
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 1664292
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.2

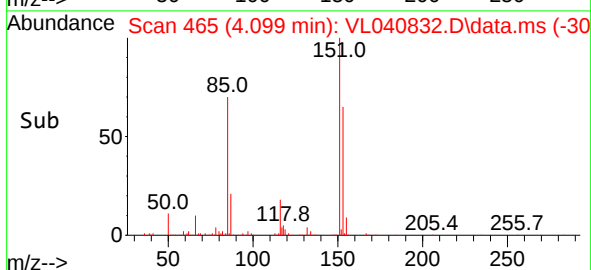
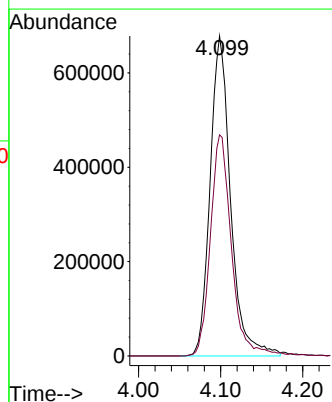
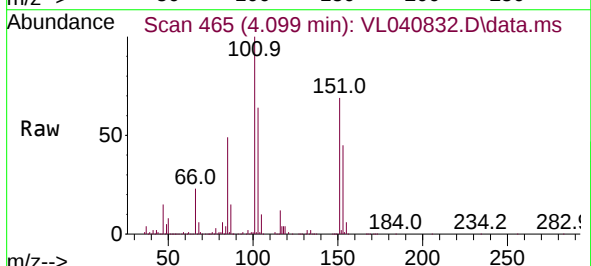
Manual Integrations
APPROVED

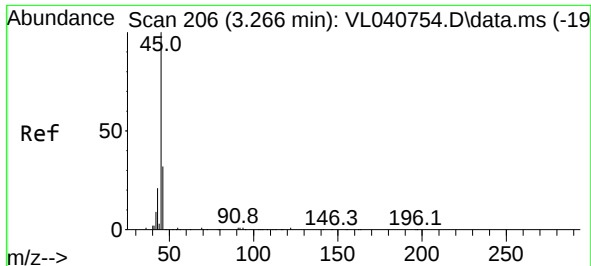
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.371 ppbv
RT: 4.099 min Scan# 465
Delta R.T. 0.007 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Tgt Ion:101 Resp: 1177179
Ion Ratio Lower Upper
101 100
151 71.3 58.1 87.1





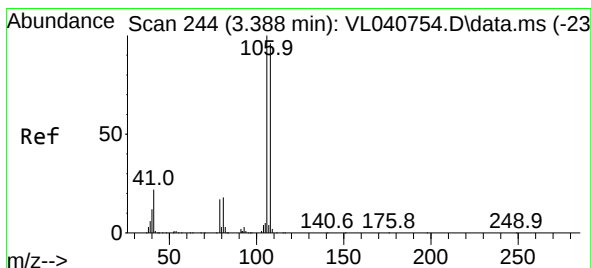
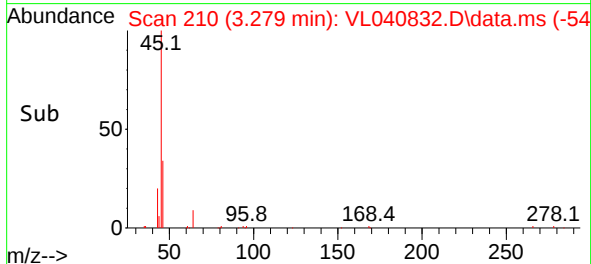
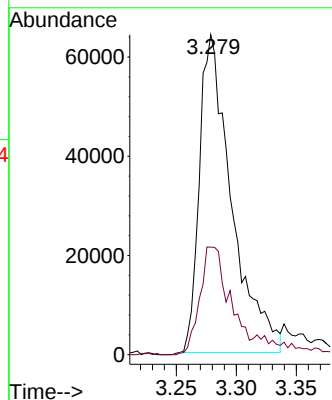
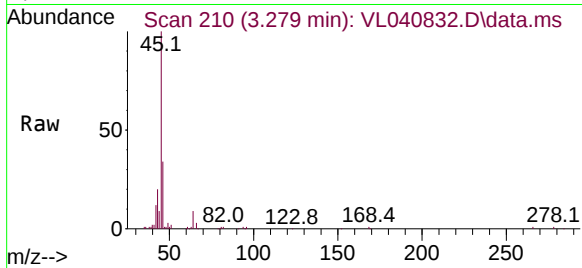
#13
Ethanol
Concen: 9.093 ppbv
RT: 3.279 min Scan# 210
Delta R.T. 0.000 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 119660
Ion Ratio Lower Upper
45 100
46 38.4 14.6 58.2

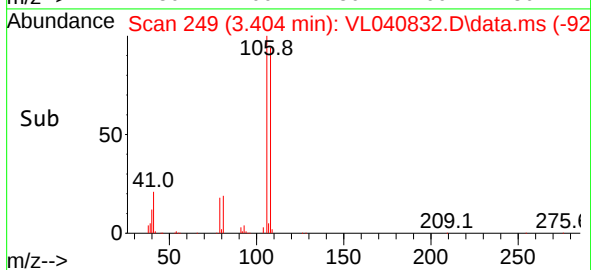
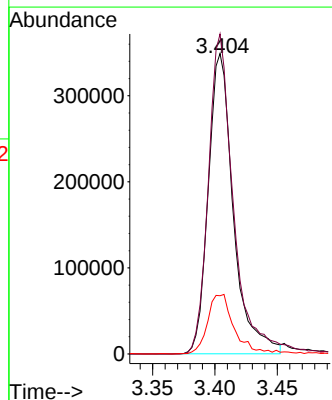
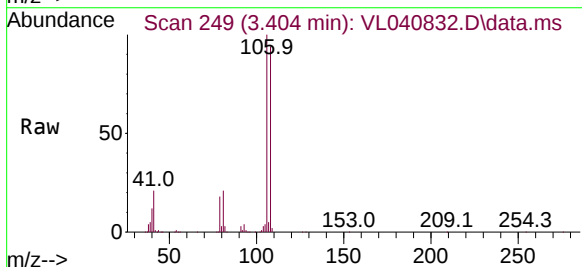
Manual Integrations
APPROVED

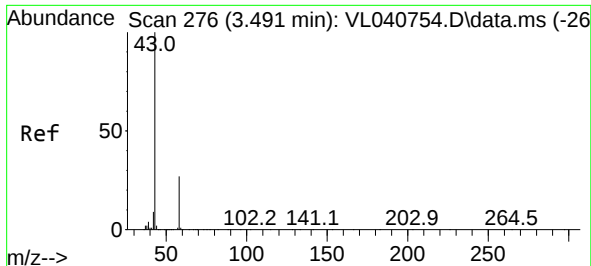
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#14
Bromoethene
Concen: 11.053 ppbv
RT: 3.404 min Scan# 249
Delta R.T. 0.003 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

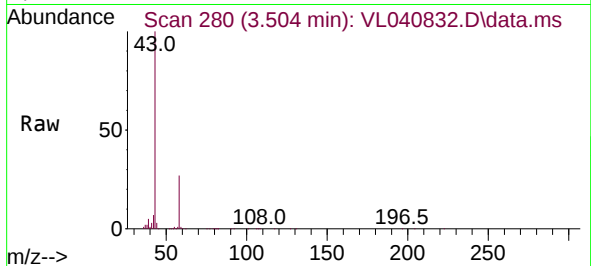
Tgt Ion:108 Resp: 490037
Ion Ratio Lower Upper
108 100
106 108.8 85.2 127.8
79 21.7 15.7 23.5





#15
Acetone
Concen: 10.619 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

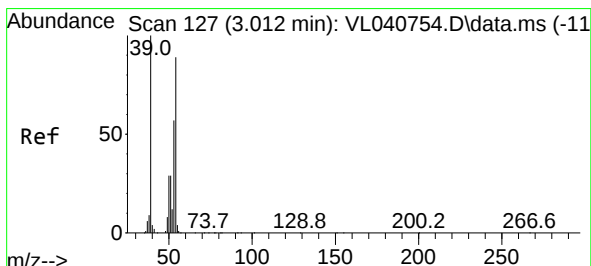
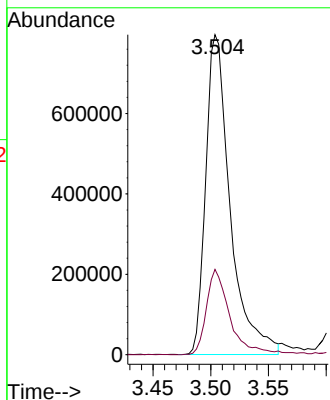
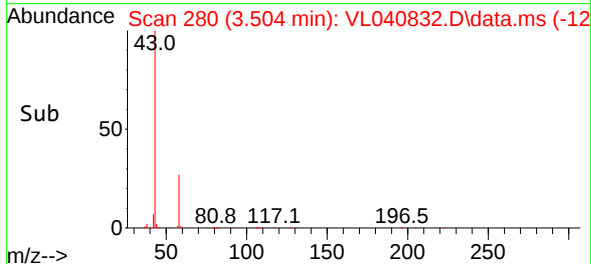
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



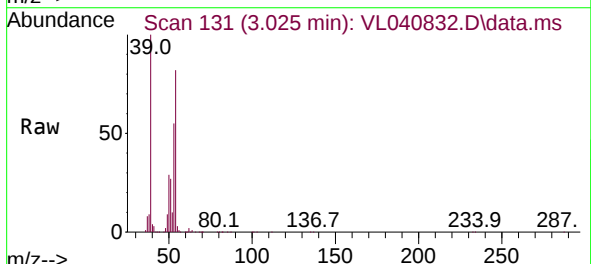
Tgt Ion: 43 Resp: 117240
Ion Ratio Lower Upper
43 100
58 26.0 21.6 32.4

Manual Integrations
APPROVED

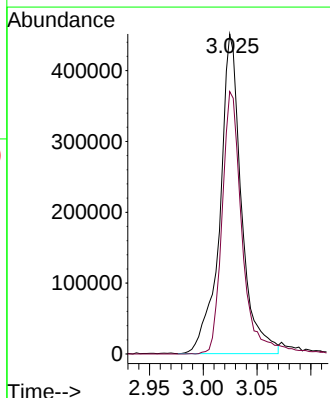
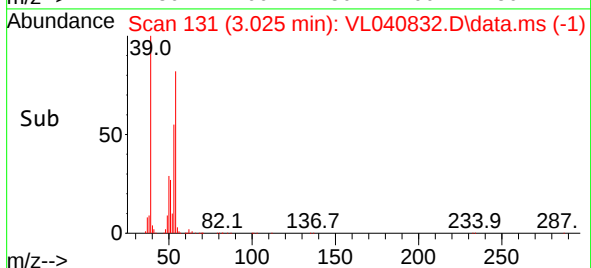
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

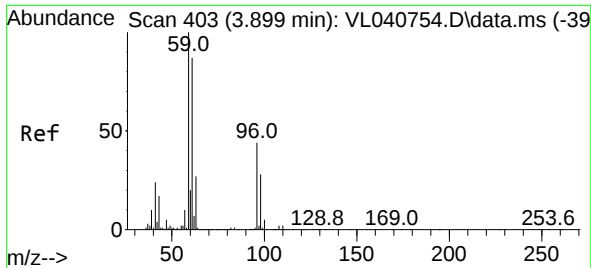


#16
1,3-Butadiene
Concen: 10.855 ppbv
RT: 3.025 min Scan# 131
Delta R.T. 0.003 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57



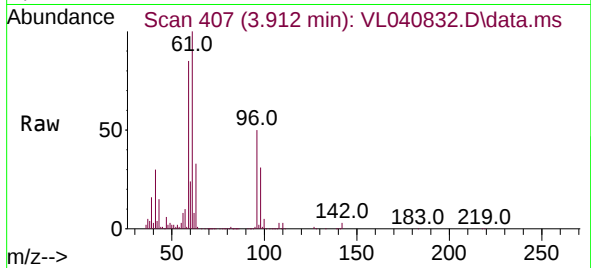
Tgt Ion: 39 Resp: 628720
Ion Ratio Lower Upper
39 100
54 77.4 63.0 94.6





#17
tert-Butyl alcohol
Concen: 8.595 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.007 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

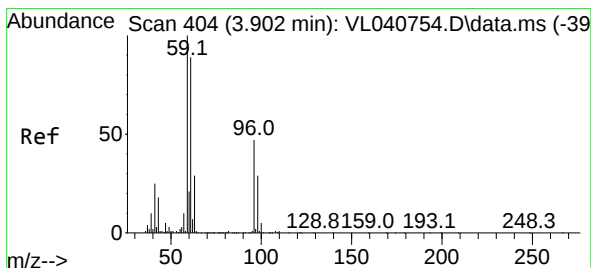
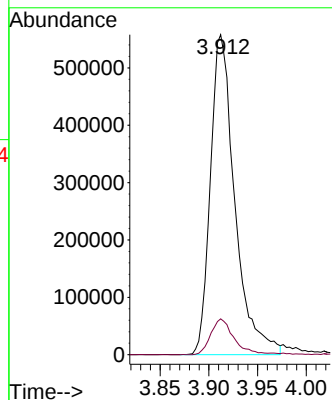
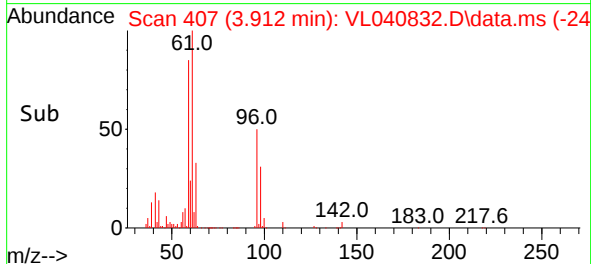
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



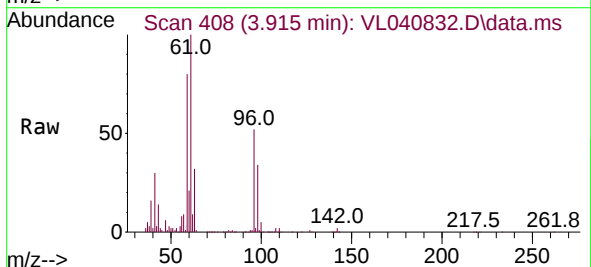
Tgt Ion: 59 Resp: 973012
Ion Ratio Lower Upper
59 100
57 11.3 8.6 13.0

Manual Integrations
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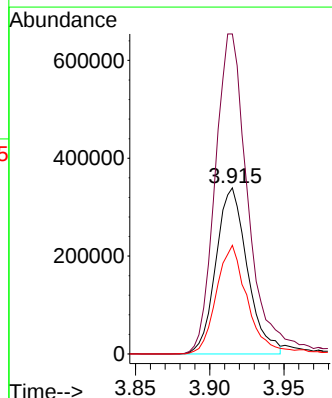
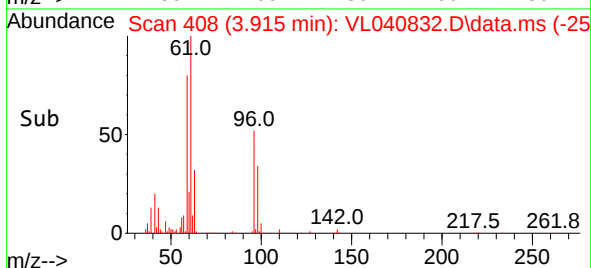
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

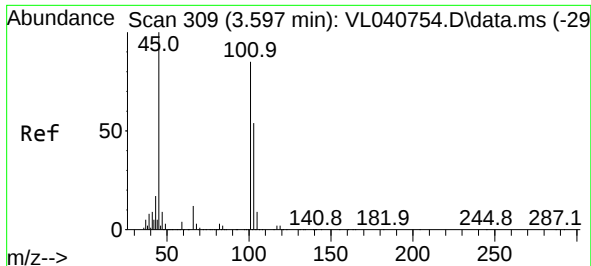


#18
1,1-Dichloroethene
Concen: 10.781 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.007 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57



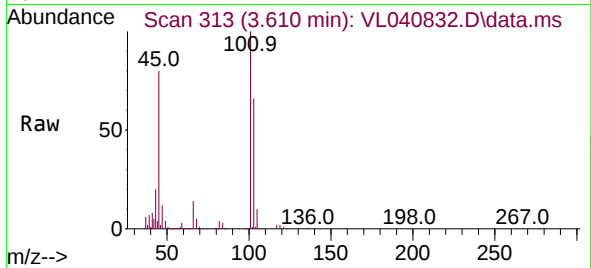
Tgt Ion: 96 Resp: 500255
Ion Ratio Lower Upper
96 100
61 192.6 152.5 228.7
98 65.2 49.6 74.4





#19
Isopropyl Alcohol
Concen: 10.267 ppbv
RT: 3.610 min Scan# 313
Delta R.T. 0.003 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

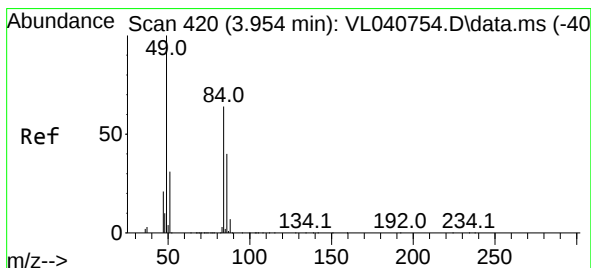
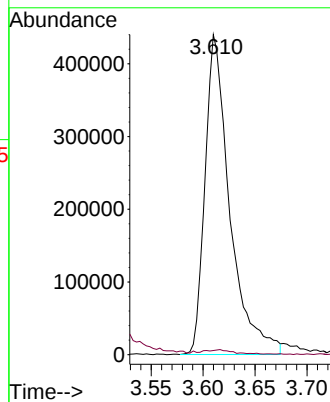
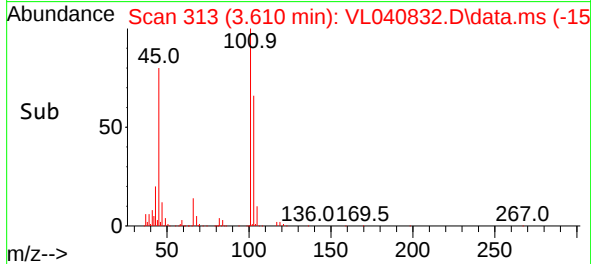
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



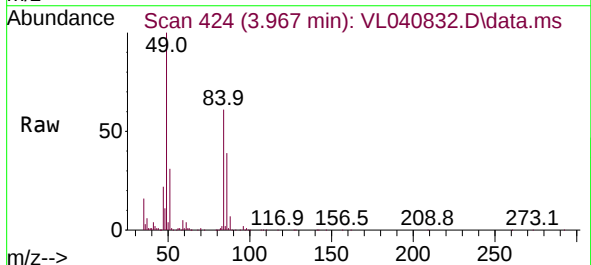
Tgt Ion: 45 Resp: 729685
Ion Ratio Lower Upper
45 100
58 2.1 30.3 45.5

Manual Integrations
APPROVED

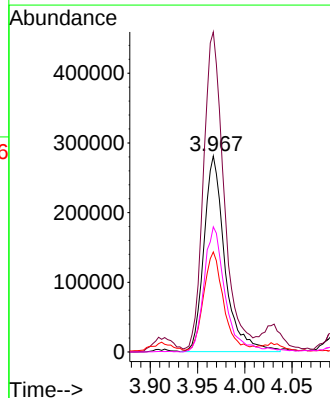
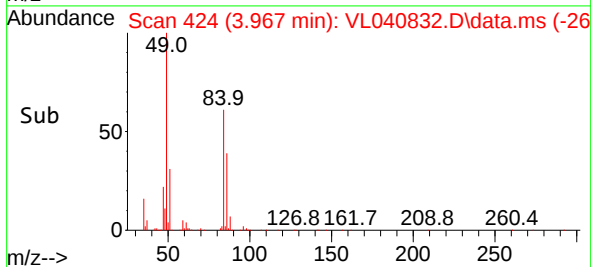
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

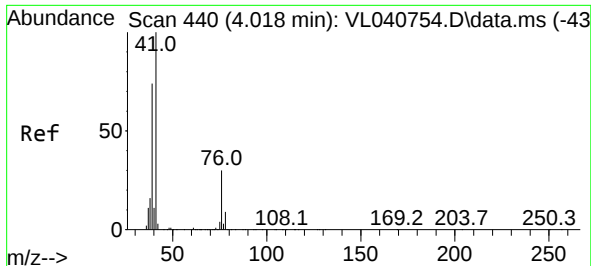


#20
Methylene Chloride
Concen: 9.428 ppbv
RT: 3.967 min Scan# 424
Delta R.T. 0.007 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57



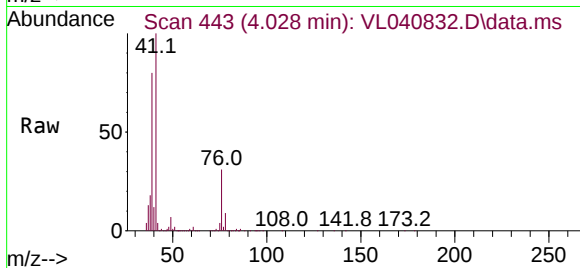
Tgt Ion: 84 Resp: 433566
Ion Ratio Lower Upper
84 100
49 160.9 125.6 188.4
51 49.3 38.9 58.3
86 63.8 50.6 76.0





#21
 Allyl Chloride
 Concen: 11.074 ppbv
 RT: 4.028 min Scan# 440
 Delta R.T. 0.007 min
 Lab File: VL040832.D
 Acq: 9 Nov 2023 11:57

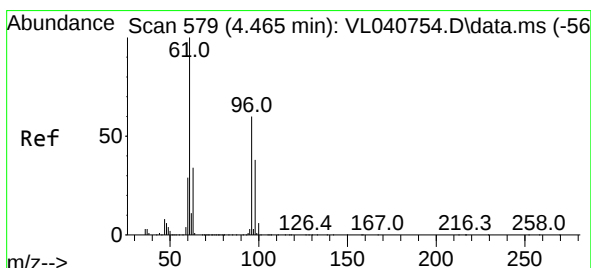
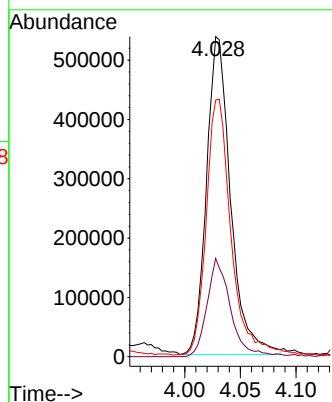
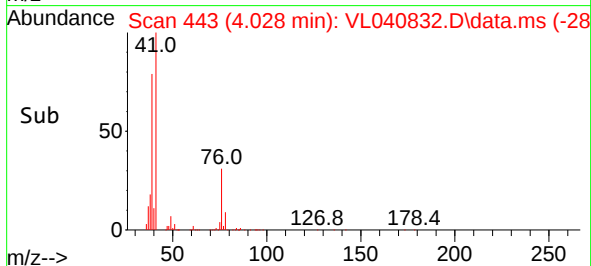
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 806348
 Ion Ratio Lower Upper
 41 100
 76 30.5 24.1 36.1
 39 83.9 63.8 95.6

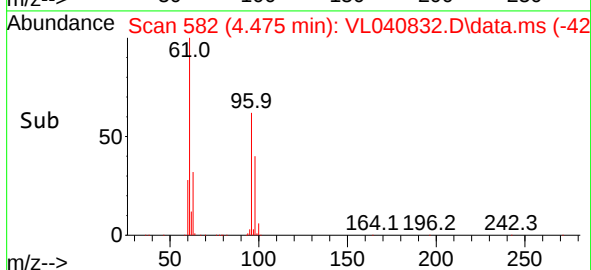
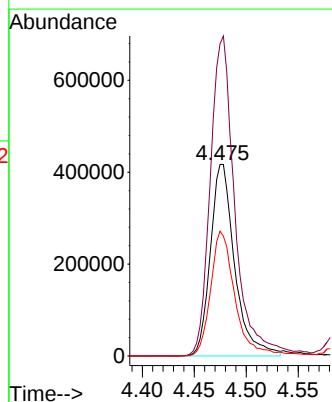
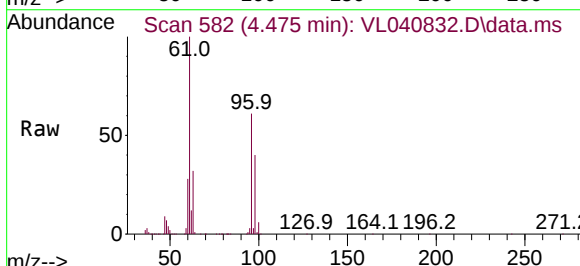
Manual Integrations
 APPROVED

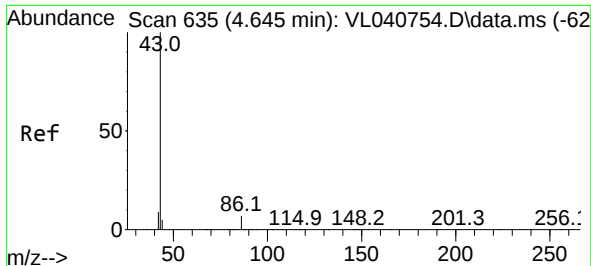
Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#22
 trans-1,2-Dichloroethene
 Concen: 13.757 ppbv
 RT: 4.475 min Scan# 582
 Delta R.T. 0.007 min
 Lab File: VL040832.D
 Acq: 9 Nov 2023 11:57

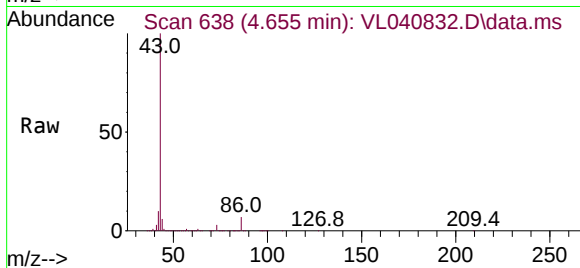
Tgt Ion: 96 Resp: 679364
 Ion Ratio Lower Upper
 96 100
 61 163.0 134.0 201.0
 98 65.2 51.0 76.4





#23
 Vinyl Acetate
 Concen: 12.255 ppbv
 RT: 4.655 min Scan# 619
 Delta R.T. 0.007 min
 Lab File: VL040832.D
 Acq: 9 Nov 2023 11:57

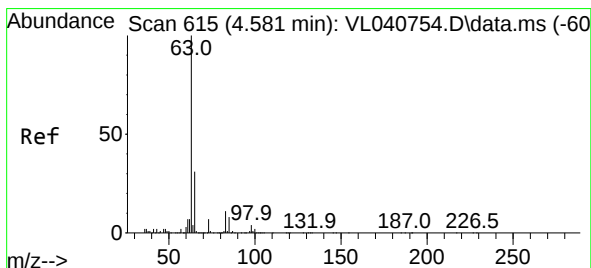
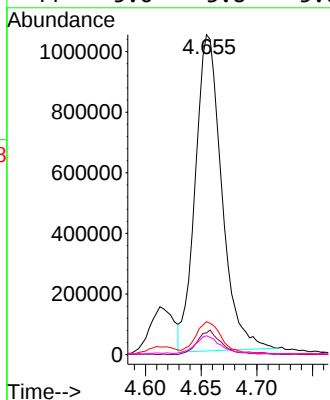
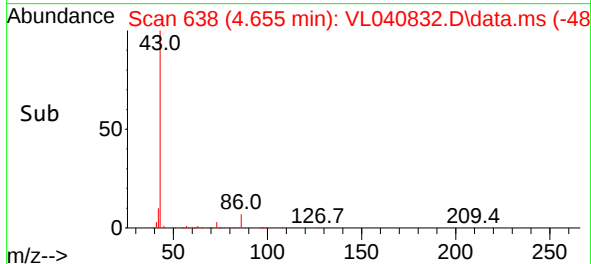
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 43 Resp: 1724328
 Ion Ratio Lower Upper
 43 100
 86 6.8 4.9 7.3
 42 10.3 7.8 11.6
 44 5.6 3.8 5.6

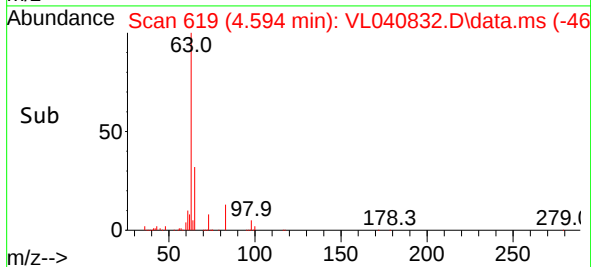
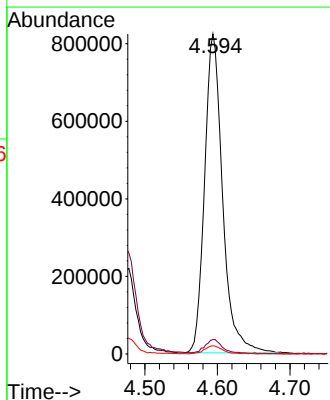
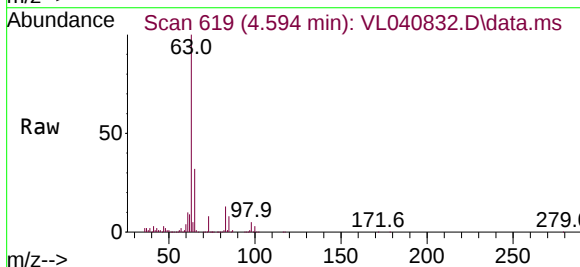
Manual Integrations
 APPROVED

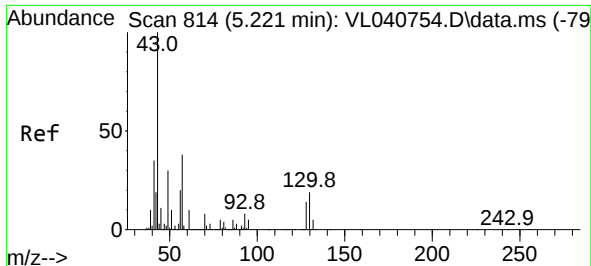
Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#24
 1,1-Dichloroethane
 Concen: 13.352 ppbv
 RT: 4.594 min Scan# 619
 Delta R.T. 0.007 min
 Lab File: VL040832.D
 Acq: 9 Nov 2023 11:57

Tgt Ion: 63 Resp: 1416881
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.0 5.8
 100 2.5 1.3 3.8





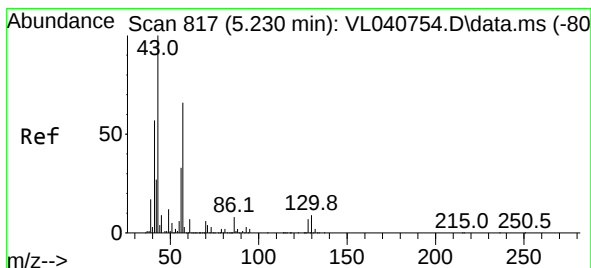
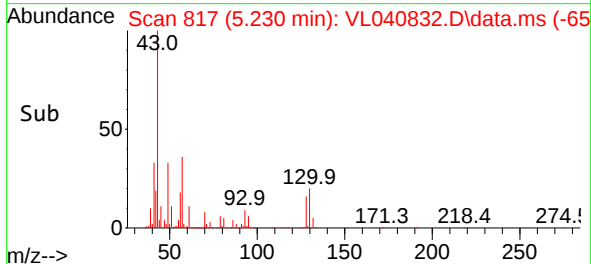
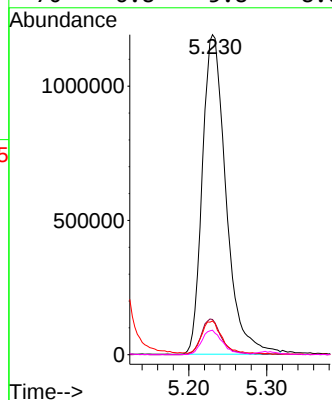
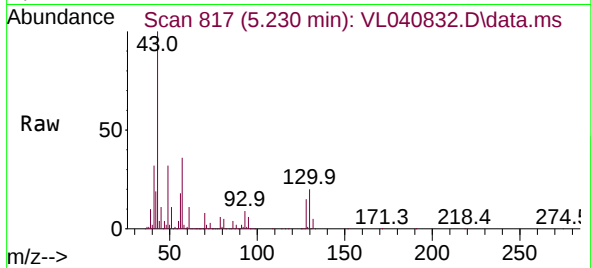
#25
Ethyl Acetate
Concen: 10.380 ppbv
RT: 5.230 min Scan# 814
Delta R.T. 0.010 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2510969
Ion Ratio Lower Upper
43 100
45 9.9 8.2 12.4
61 10.2 8.2 12.2
70 6.8 5.8 8.6

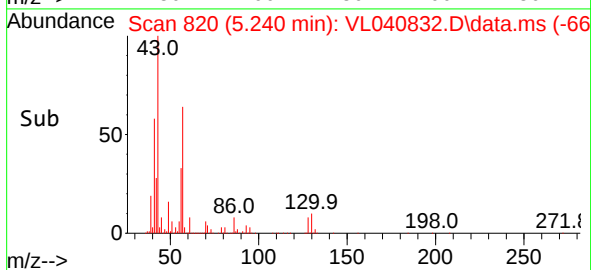
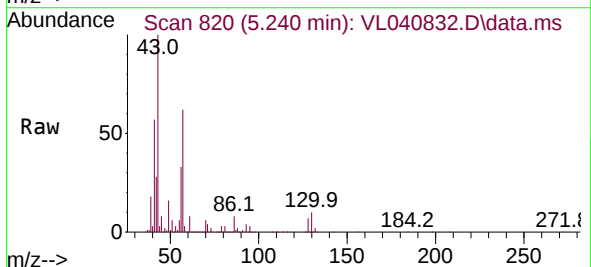
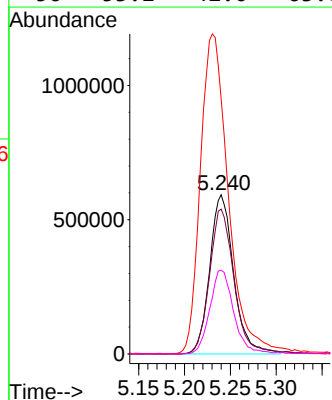
Manual Integrations
APPROVED

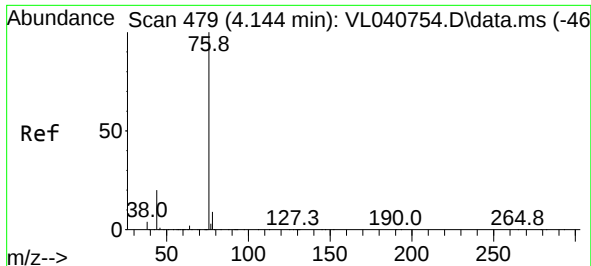
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#26
Hexane
Concen: 9.760 ppbv
RT: 5.240 min Scan# 820
Delta R.T. 0.013 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

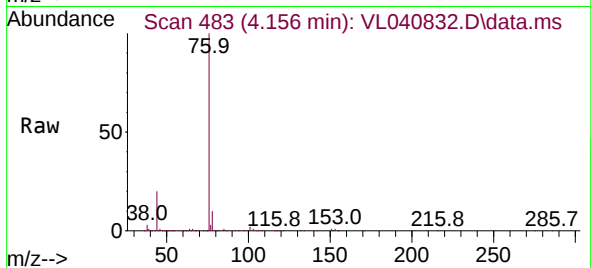
Tgt Ion: 57 Resp: 1079022
Ion Ratio Lower Upper
57 100
41 94.2 71.4 107.2
43 234.9 182.3 273.5
56 53.2 42.0 63.0





#27
Carbon Disulfide
Concen: 11.102 ppbv
RT: 4.156 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

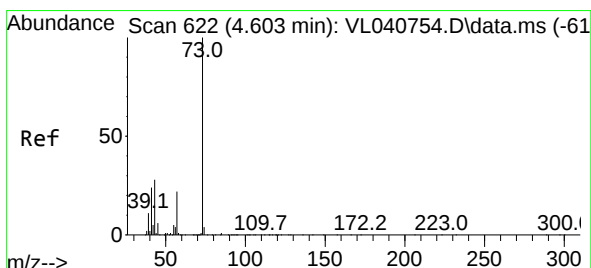
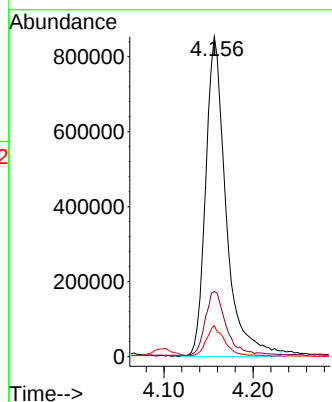
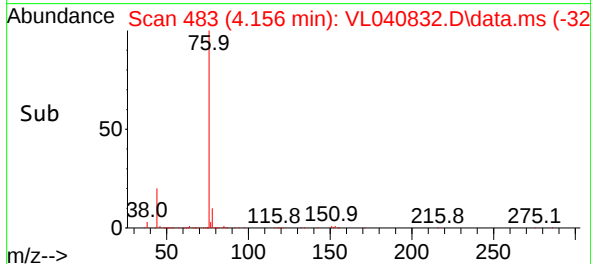
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 135426
Ion Ratio Lower Upper
76 100
44 21.7 16.6 25.0
78 9.5 7.8 11.6

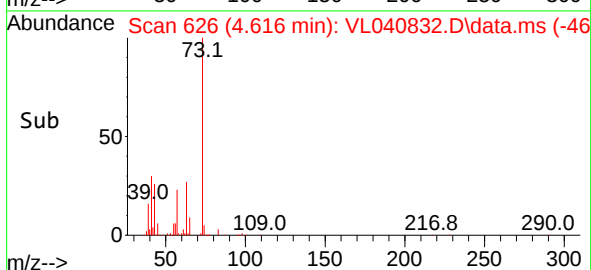
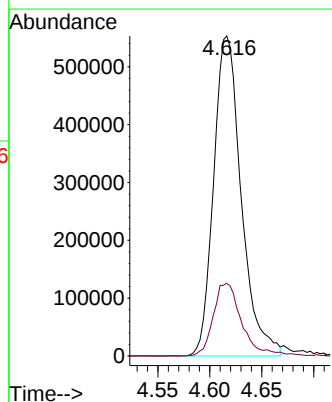
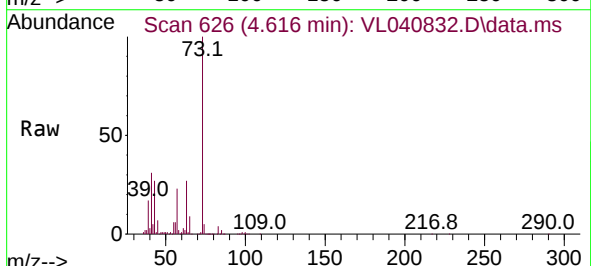
Manual Integrations
APPROVED

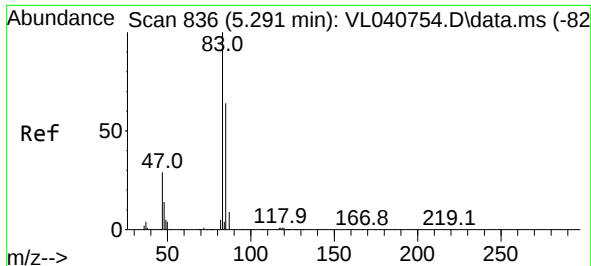
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#28
Methyl tert-Butyl Ether
Concen: 11.894 ppbv
RT: 4.616 min Scan# 626
Delta R.T. 0.007 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Tgt Ion: 73 Resp: 1022600
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3





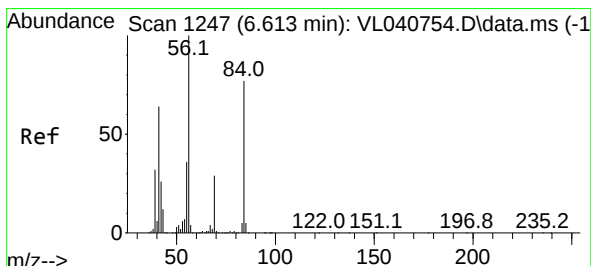
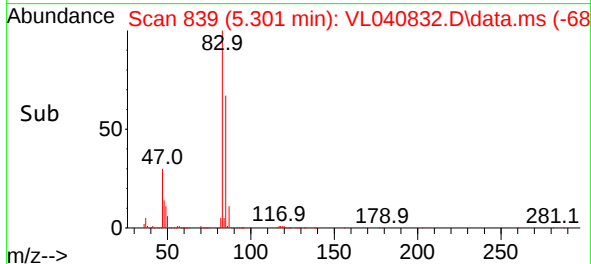
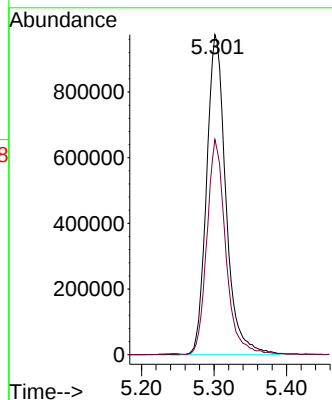
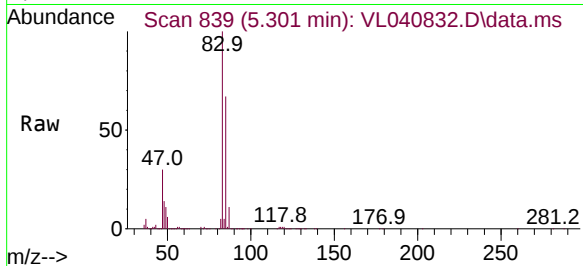
#29
Chloroform
Concen: 11.256 ppbv
RT: 5.301 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1800620
Ion Ratio Lower Upper
83 100
85 67.1 51.3 76.9

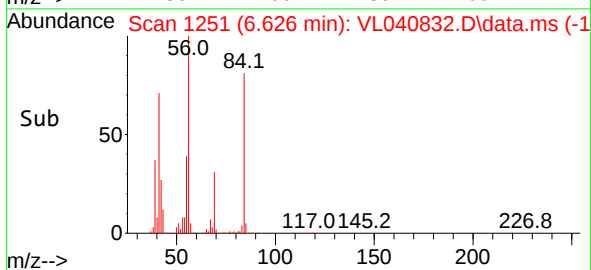
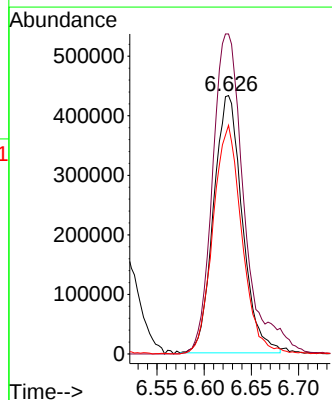
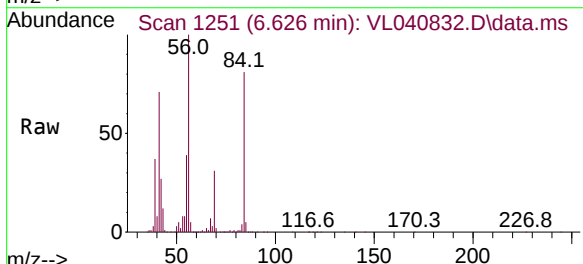
Manual Integrations
APPROVED

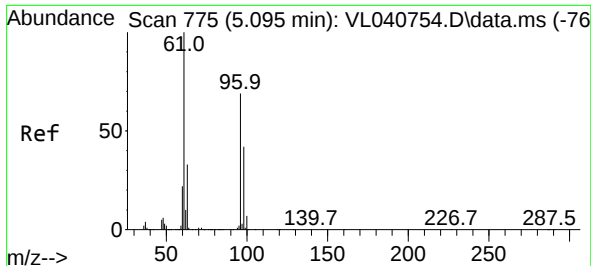
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#30
Cyclohexane
Concen: 9.704 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. 0.016 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

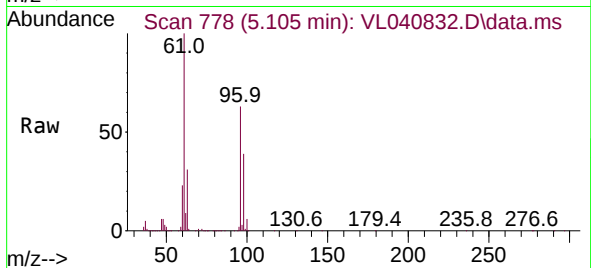
Tgt Ion: 84 Resp: 912987
Ion Ratio Lower Upper
84 100
56 138.1 110.3 165.5
41 89.3 67.4 101.2





#31
cis-1,2-Dichloroethene
Concen: 11.111 ppbv
RT: 5.105 min Scan# 71
Delta R.T. 0.007 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

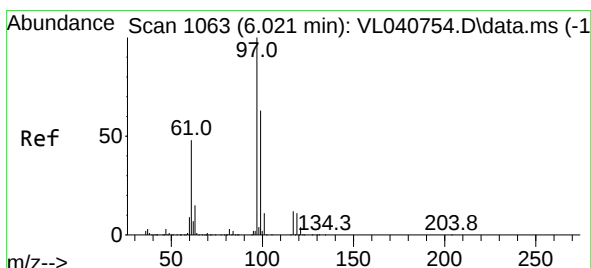
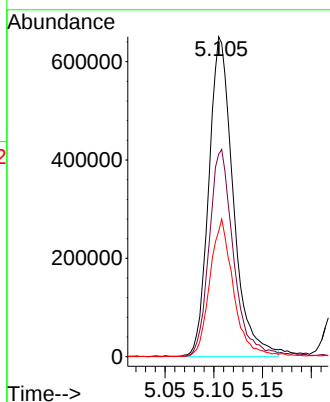
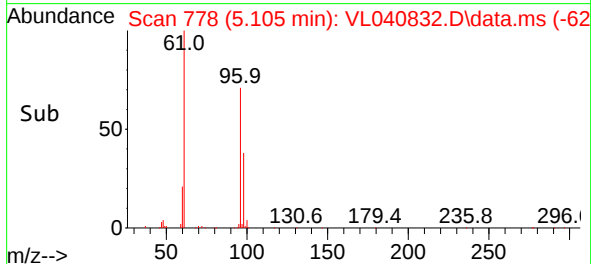
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



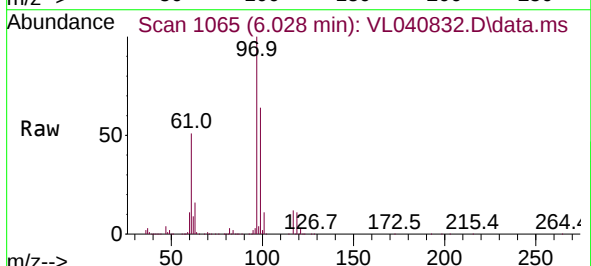
Tgt Ion: 61 Resp: 1132089
Ion Ratio Lower Upper
61 100
96 63.3 55.1 82.7
98 39.2 33.5 50.3

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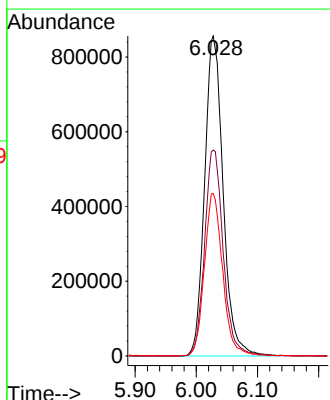
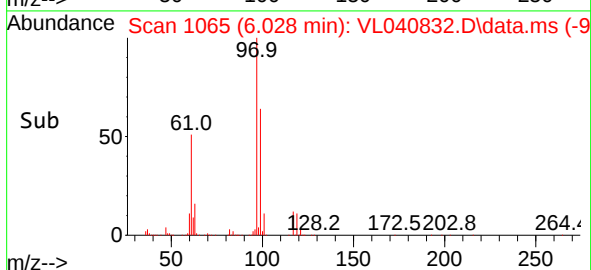
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

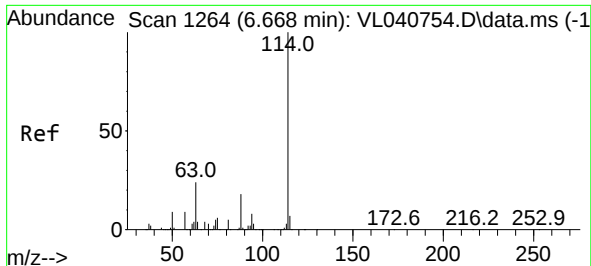


#32
1,1,1-Trichloroethane
Concen: 10.576 ppbv
RT: 6.028 min Scan# 1065
Delta R.T. 0.013 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57



Tgt Ion: 97 Resp: 1800701
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 50.2 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.677 min Scan# 1

Delta R.T. 0.013 min

Lab File: VL040832.D

Acq: 9 Nov 2023 11:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 2637718

Ion Ratio Lower Upper

114 100

63 26.4 19.8 29.6

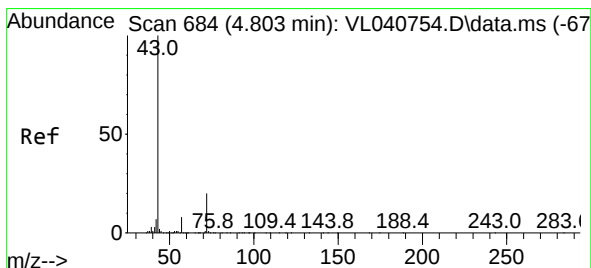
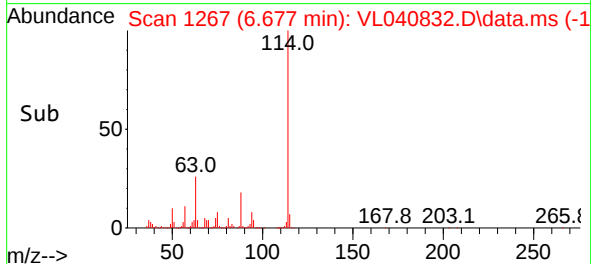
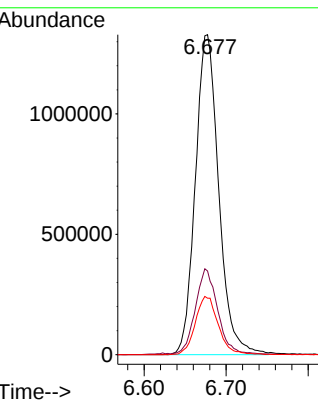
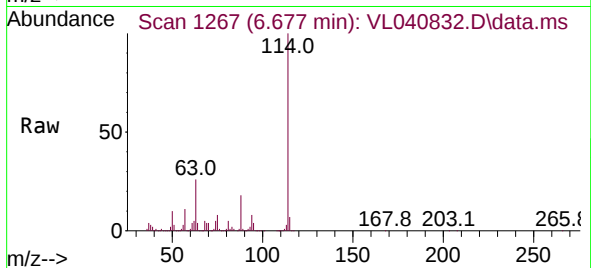
88 17.9 14.2 21.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#34

2-Butanone

Concen: 13.398 ppbv

RT: 4.816 min Scan# 688

Delta R.T. 0.010 min

Lab File: VL040832.D

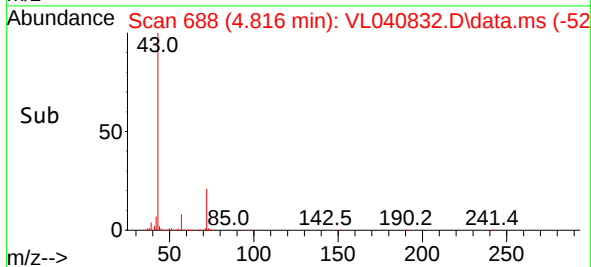
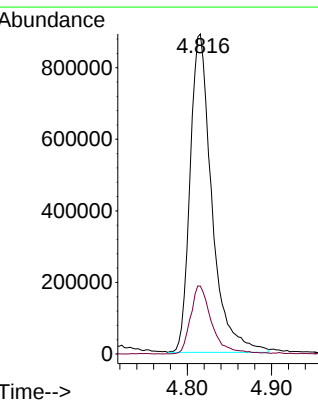
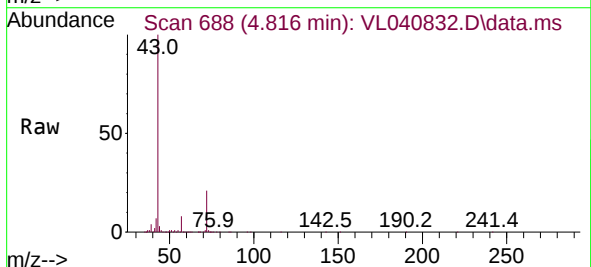
Acq: 9 Nov 2023 11:57

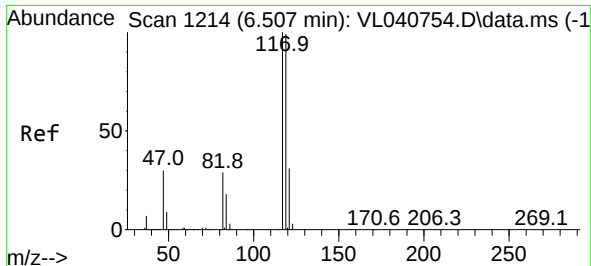
Tgt Ion: 43 Resp: 1599655

Ion Ratio Lower Upper

43 100

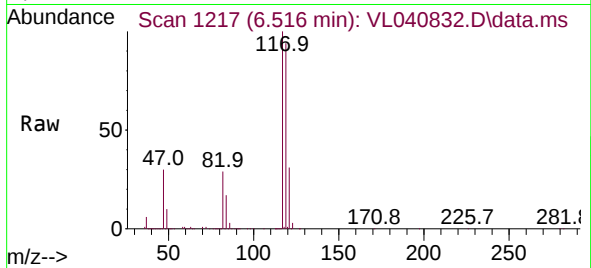
72 21.0 16.8 25.2





#35
Carbon Tetrachloride
Concen: 12.755 ppbv
RT: 6.516 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

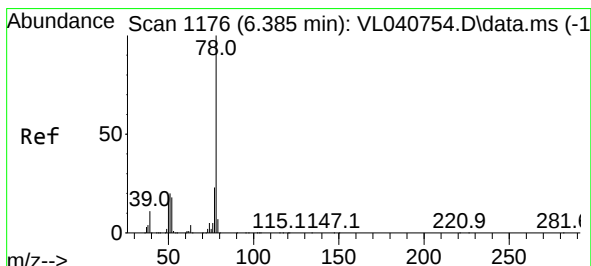
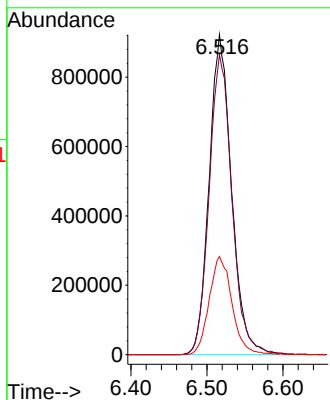
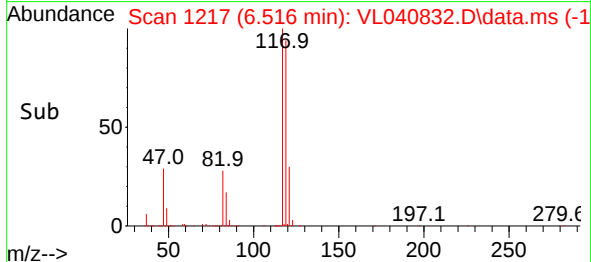
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



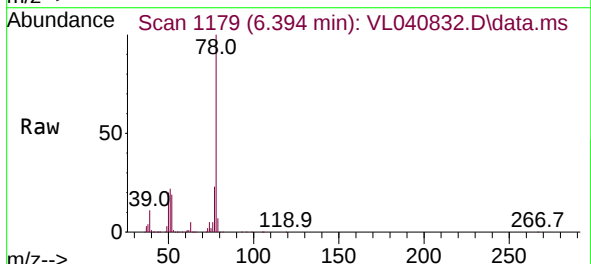
Tgt Ion: 117 Resp: 188840
Ion Ratio Lower Upper
117 100
119 93.8 79.4 119.0
121 30.7 25.0 37.4

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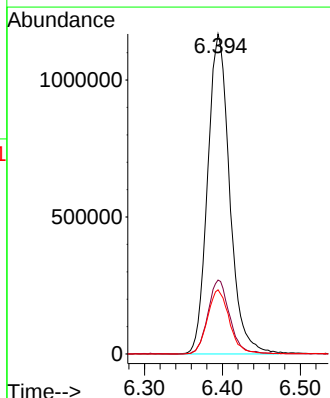
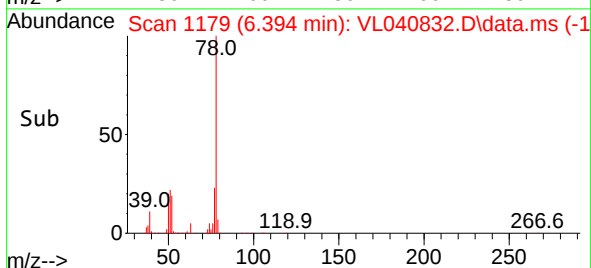
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

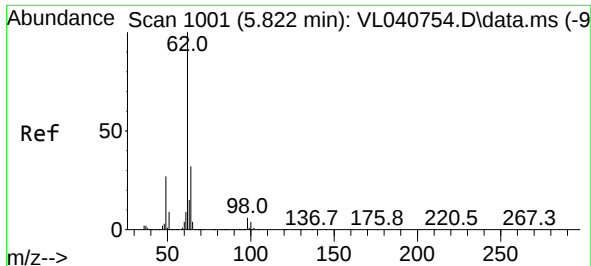


#36
Benzene
Concen: 11.322 ppbv
RT: 6.394 min Scan# 1179
Delta R.T. 0.013 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57



Tgt Ion: 78 Resp: 2297124
Ion Ratio Lower Upper
78 100
77 23.1 18.4 27.6
50 20.1 15.0 22.4





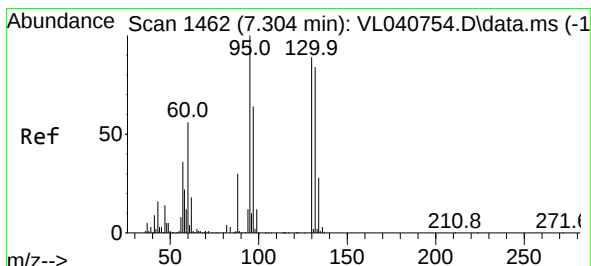
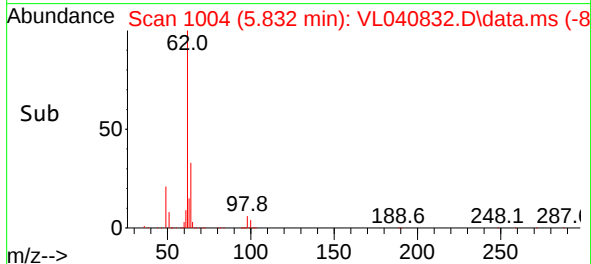
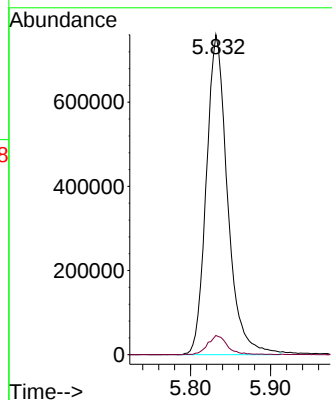
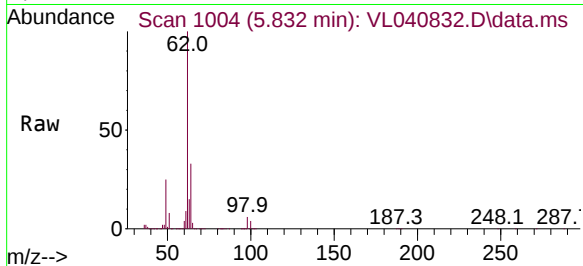
#37
1,2-Dichloroethane
Concen: 13.510 ppbv
RT: 5.832 min Scan# 1004
Delta R.T. 0.010 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1403768
Ion Ratio Lower Upper
62 100
98 5.8 5.4 8.0

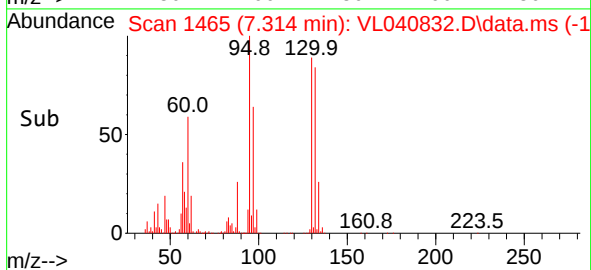
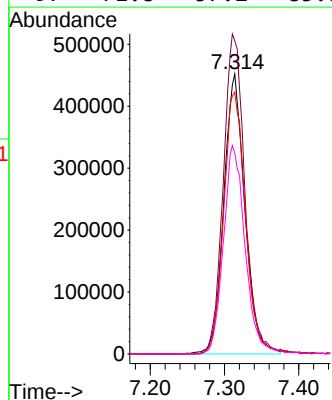
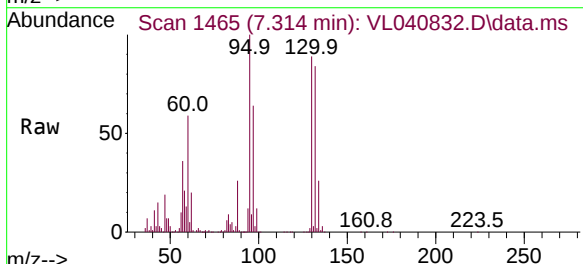
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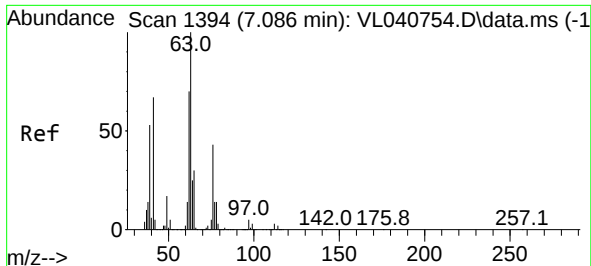
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#38
Trichloroethene
Concen: 9.975 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.016 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Tgt Ion:130 Resp: 895613
Ion Ratio Lower Upper
130 100
95 111.9 89.4 134.2
132 93.5 74.8 112.2
97 71.8 57.2 85.8





#39

1,2-Dichloropropane

Concen: 11.304 ppbv

RT: 7.095 min Scan# 1461

Delta R.T. 0.013 min

Lab File: VL040832.D

Acq: 9 Nov 2023 11:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 896018

Ion Ratio Lower Upper

63 100

41 74.8 53.7 80.5

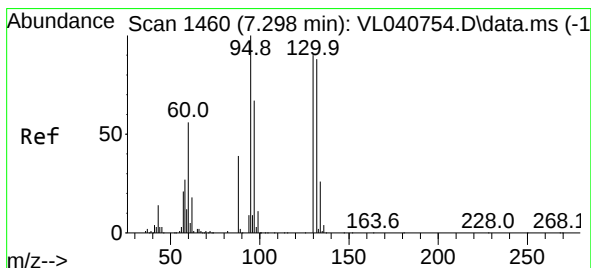
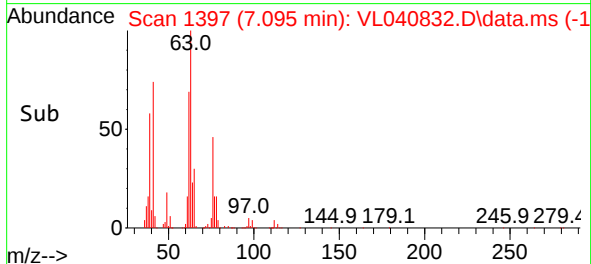
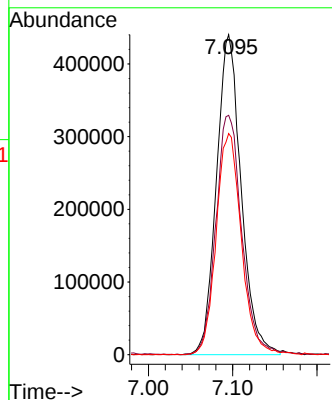
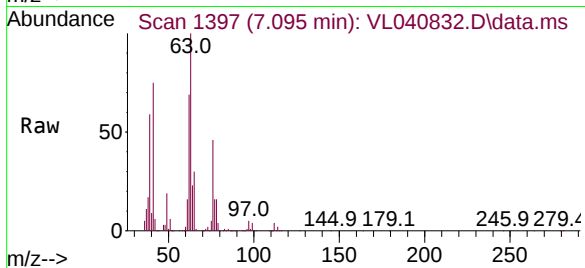
62 69.1 55.7 83.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#40

1,4-Dioxane

Concen: 11.904 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.010 min

Lab File: VL040832.D

Acq: 9 Nov 2023 11:57

Tgt Ion: 88 Resp: 357059

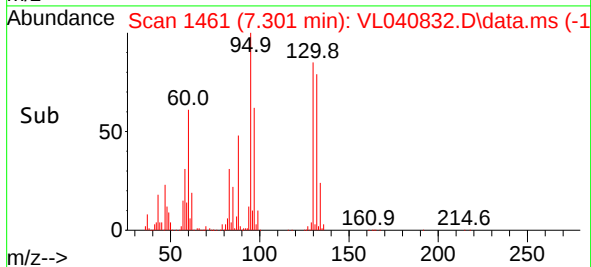
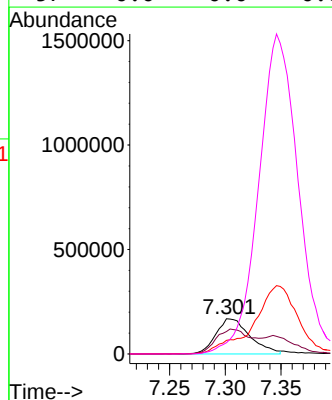
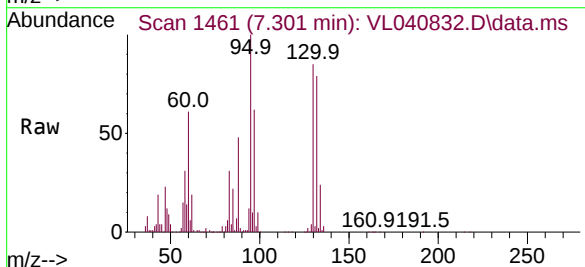
Ion Ratio Lower Upper

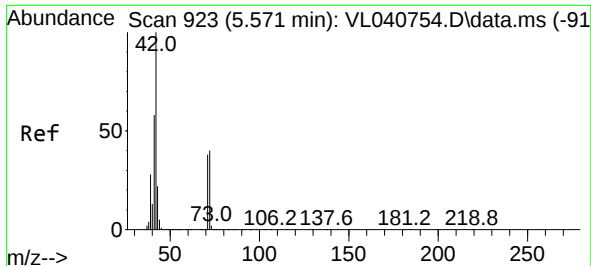
88 100

58 122.7 100.0 150.0

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 11.707 ppbv

RT: 5.578 min Scan# 91

Delta R.T. 0.007 min

Lab File: VL040832.D

Acq: 9 Nov 2023 11:57

Instrument :

MSVOA_L

ClientSampleId :

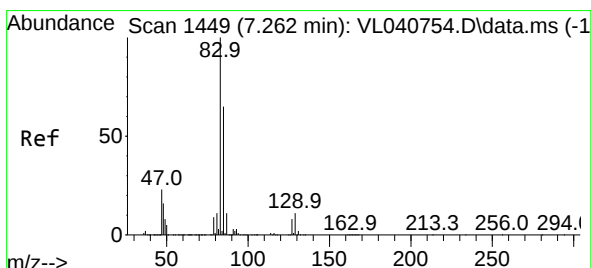
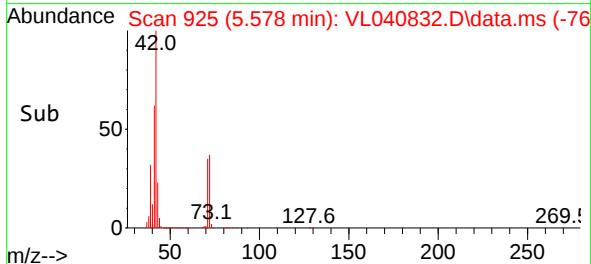
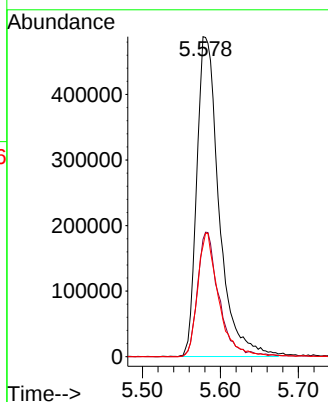
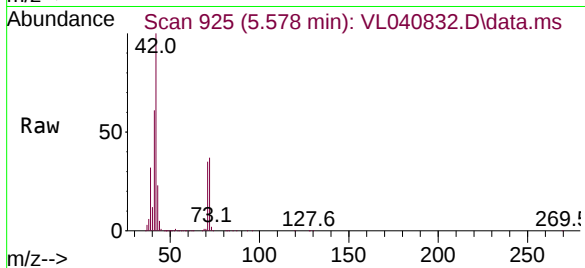
VSTDCCC010EC

Tgt Ion:	42	Resp:	967900
Ion	Ratio	Lower	Upper
42	100		
72	38.0	31.1	46.7
71	36.9	29.7	44.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#42

Bromodichloromethane

Concen: 12.846 ppbv

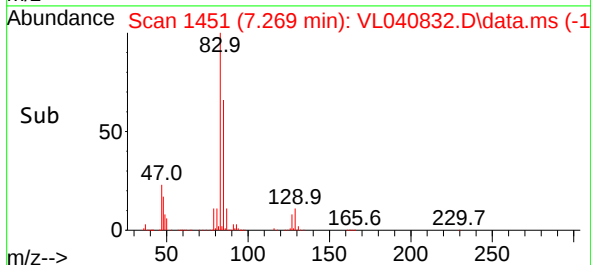
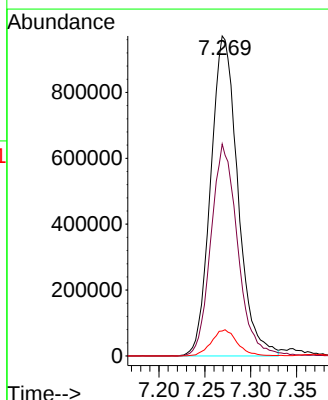
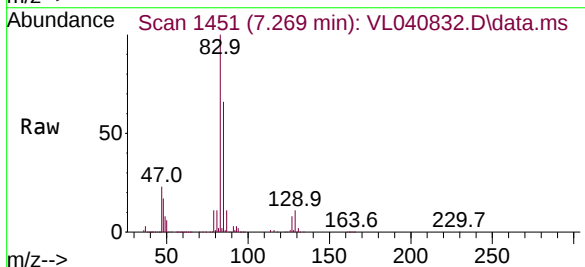
RT: 7.269 min Scan# 1451

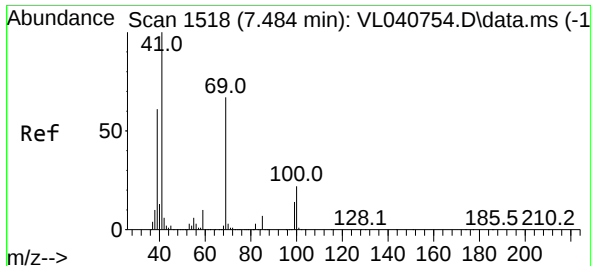
Delta R.T. 0.013 min

Lab File: VL040832.D

Acq: 9 Nov 2023 11:57

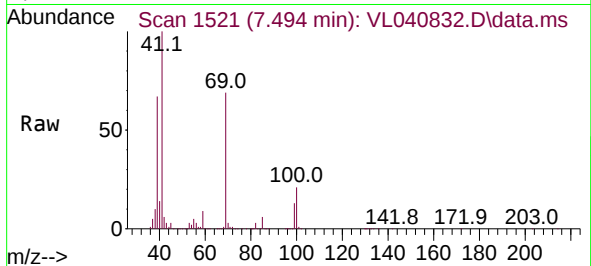
Tgt Ion:	83	Resp:	1999542
Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.1	78.1
127	7.8	6.7	10.1





#43
Methyl Methacrylate
Concen: 11.728 ppbv
RT: 7.494 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

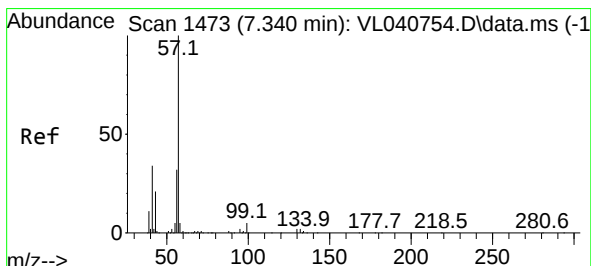
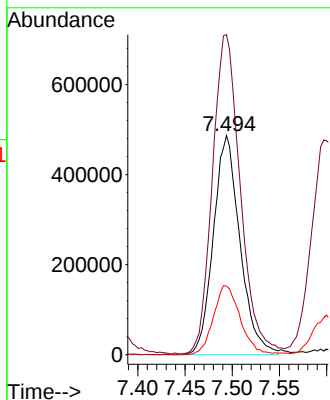
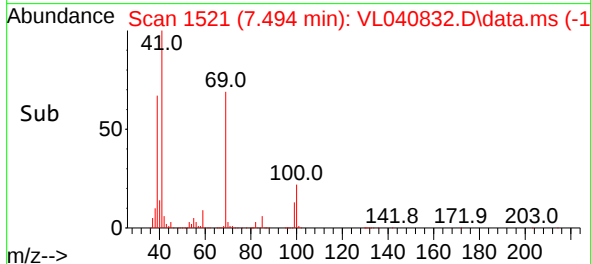
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 952534
Ion Ratio Lower Upper
69 100
41 153.4 120.6 181.0
100 31.9 27.1 40.7

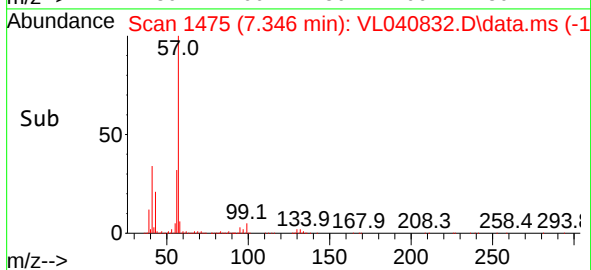
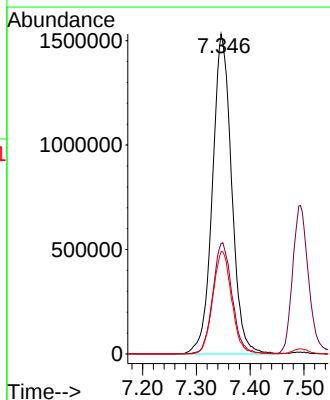
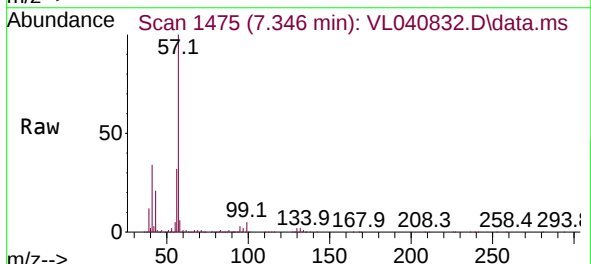
Manual Integrations
APPROVED

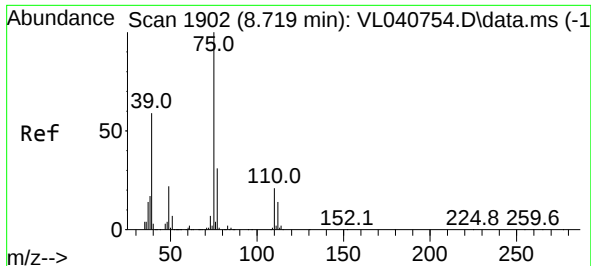
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#44
2,2,4-Trimethylpentane
Concen: 11.071 ppbv
RT: 7.346 min Scan# 1475
Delta R.T. 0.013 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

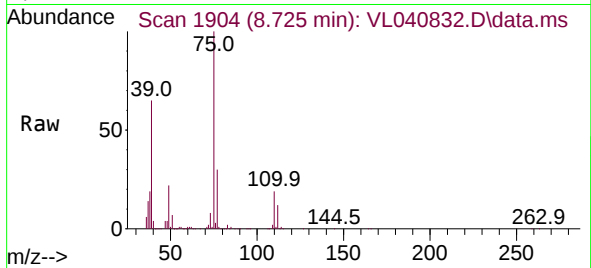
Tgt Ion: 57 Resp: 3798584
Ion Ratio Lower Upper
57 100
41 34.8 27.4 41.0
56 31.6 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 12.760 ppbv
RT: 8.725 min Scan# 1902
Delta R.T. 0.010 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

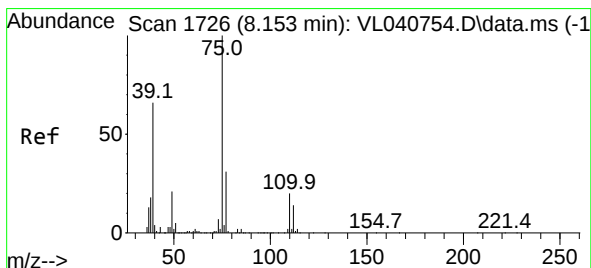
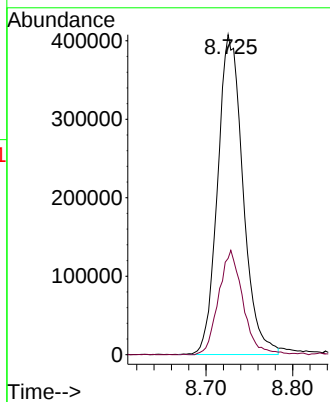
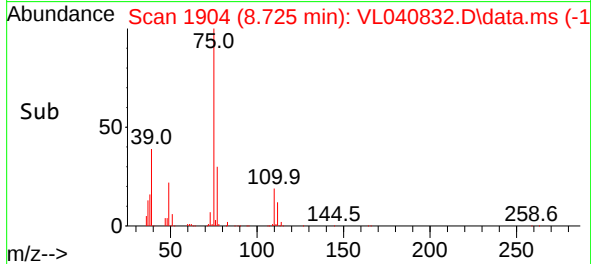
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 826329
Ion Ratio Lower Upper
75 100
77 30.1 24.9 37.3

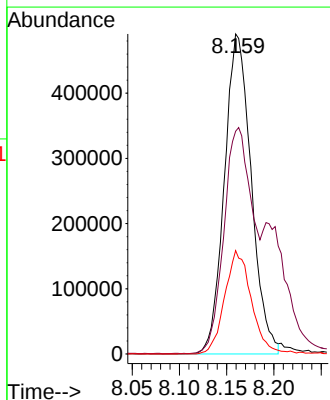
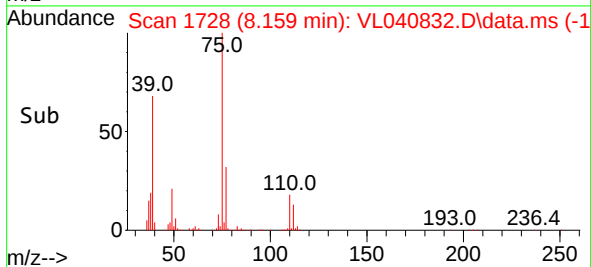
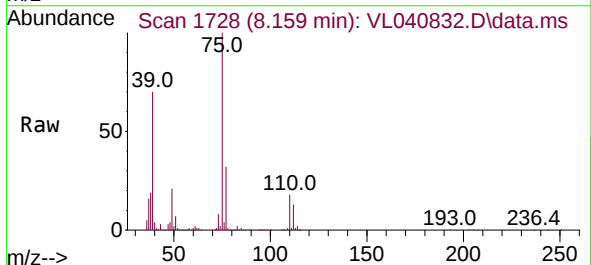
Manual Integrations
APPROVED

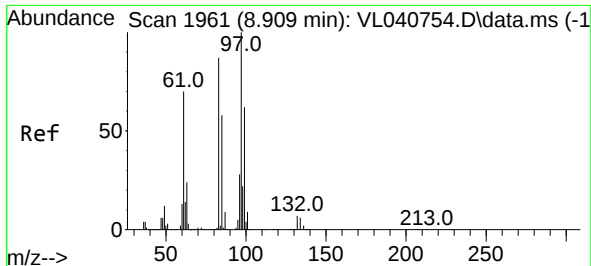
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#46
cis-1,3-Dichloropropene
Concen: 12.243 ppbv
RT: 8.159 min Scan# 1728
Delta R.T. 0.016 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

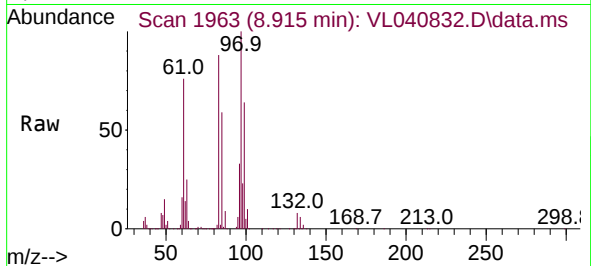
Tgt Ion: 75 Resp: 968641
Ion Ratio Lower Upper
75 100
39 69.4 52.4 78.6
77 32.3 25.1 37.7





#47
1,1,2-Trichloroethane
Concen: 11.564 ppbv
RT: 8.915 min Scan# 1963
Delta R.T. 0.016 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

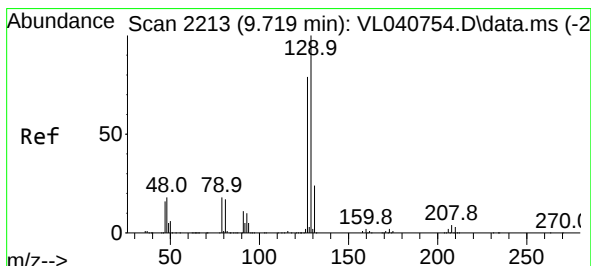
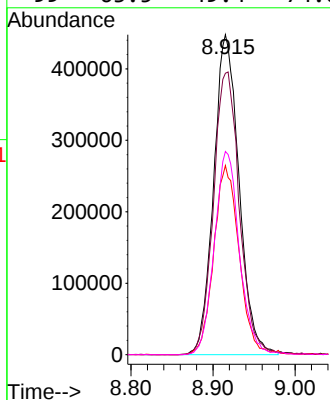
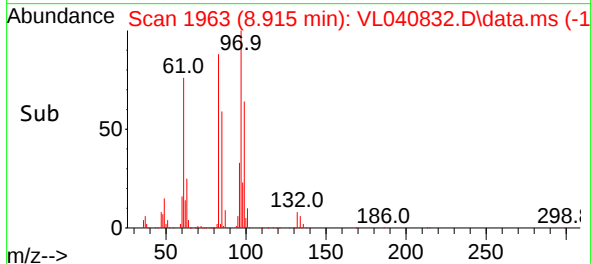
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



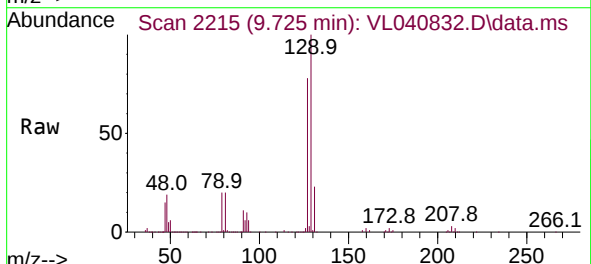
Tgt Ion: 97 Resp: 962845
Ion Ratio Lower Upper
97 100
83 87.9 69.5 104.3
85 59.1 46.6 69.8
99 63.5 49.4 74.0

Manual Integrations
APPROVED

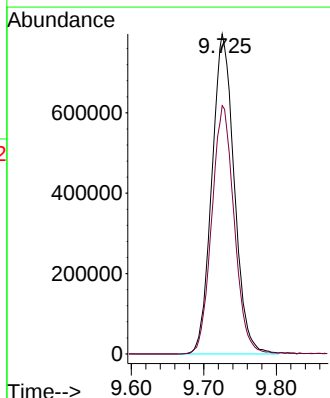
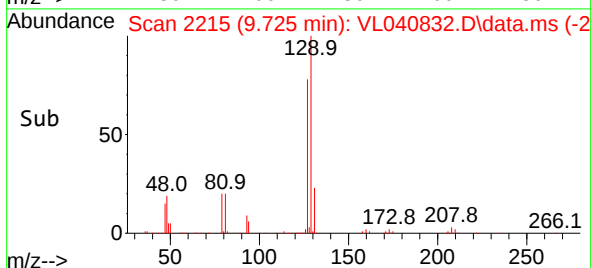
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

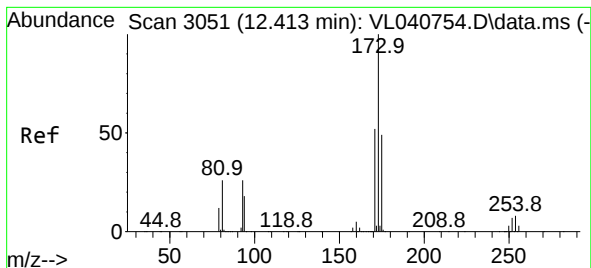


#48
Dibromochloromethane
Concen: 12.227 ppbv
RT: 9.725 min Scan# 2215
Delta R.T. 0.016 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57



Tgt Ion:129 Resp: 1706043
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.3





#49

Bromoform

Concen: 11.949 ppbv

RT: 12.420 min Scan# 3051

Delta R.T. 0.019 min

Lab File: VL040832.D

Acq: 9 Nov 2023 11:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1355284

Ion Ratio Lower Upper

173 100

175 48.3 39.2 58.8

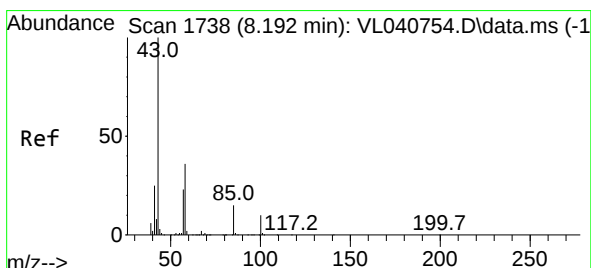
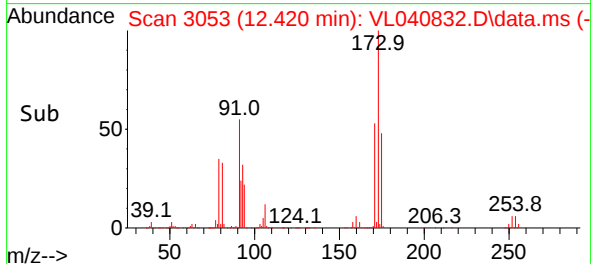
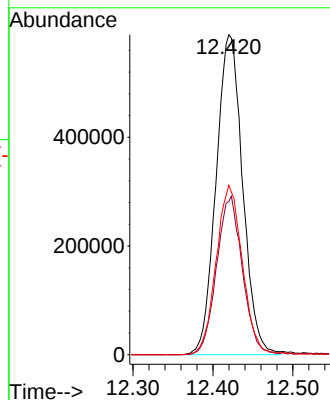
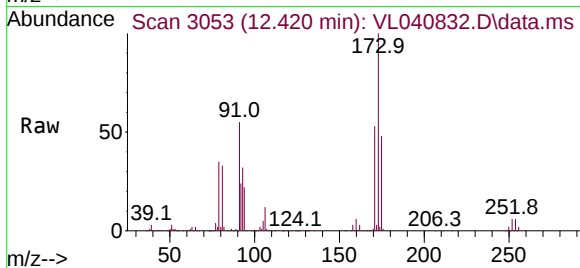
171 52.5 42.0 63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#50

4-Methyl-2-Pentanone

Concen: 11.891 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.013 min

Lab File: VL040832.D

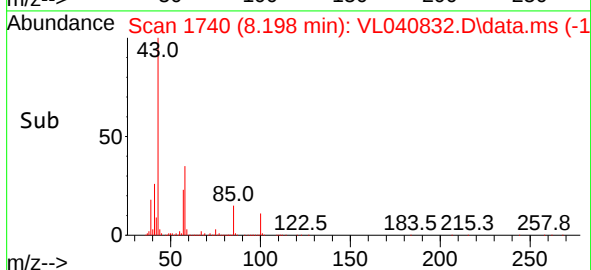
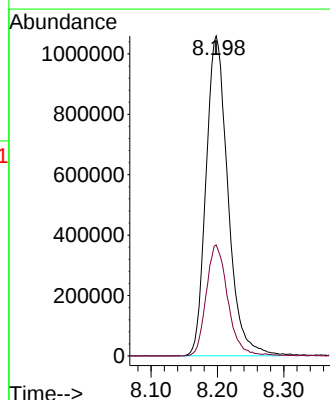
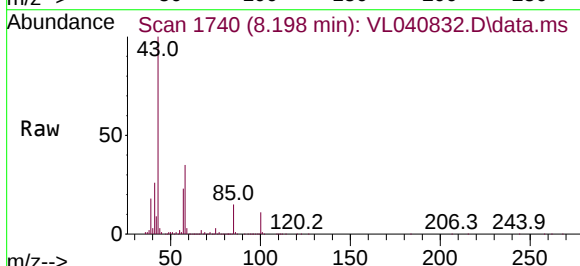
Acq: 9 Nov 2023 11:57

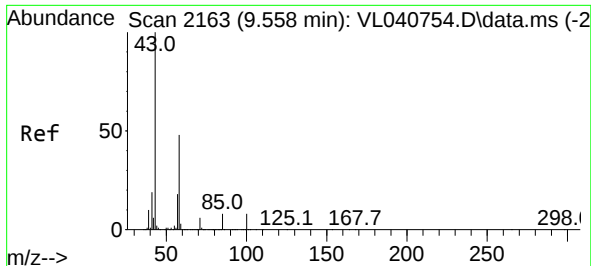
Tgt Ion: 43 Resp: 2428608

Ion Ratio Lower Upper

43 100

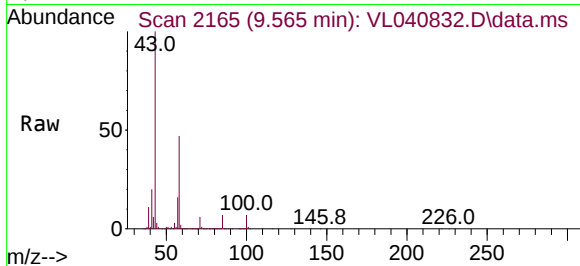
58 34.5 28.8 43.2





#51
2-Hexanone
Concen: 11.652 ppbv
RT: 9.565 min Scan# 2163
Delta R.T. 0.016 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

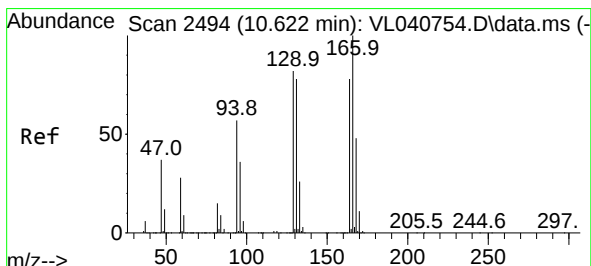
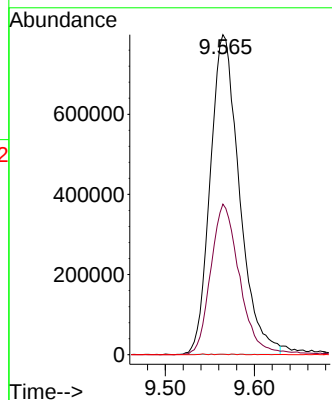
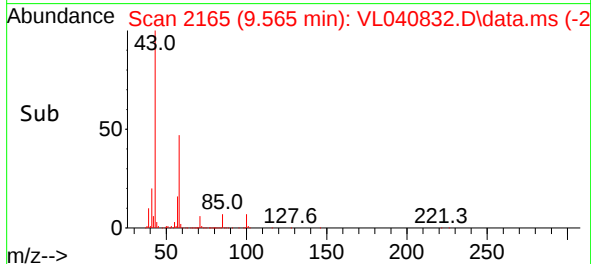
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 181122
Ion Ratio Lower Upper
43 100
58 47.2 38.6 58.0
98 0.2 0.0 0.0

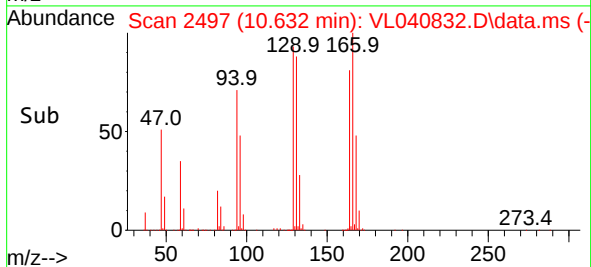
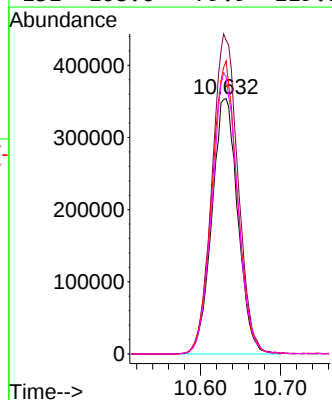
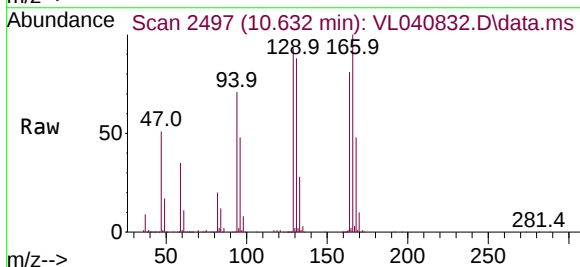
Manual Integrations
APPROVED

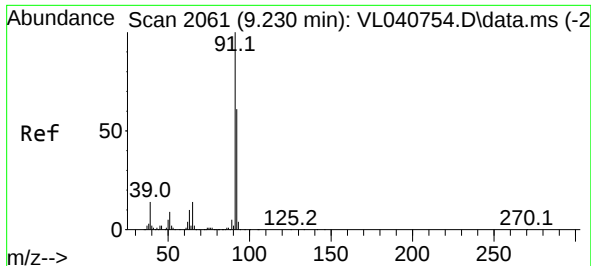
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#52
Tetrachloroethene
Concen: 9.639 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.019 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

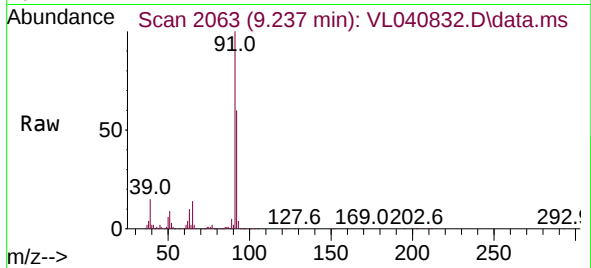
Tgt Ion:164 Resp: 794378
Ion Ratio Lower Upper
164 100
166 122.8 102.4 153.6
129 114.6 84.2 126.4
131 108.6 79.9 119.9





#53
Toluene
Concen: 10.895 ppbv
RT: 9.237 min Scan# 2061
Delta R.T. 0.016 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

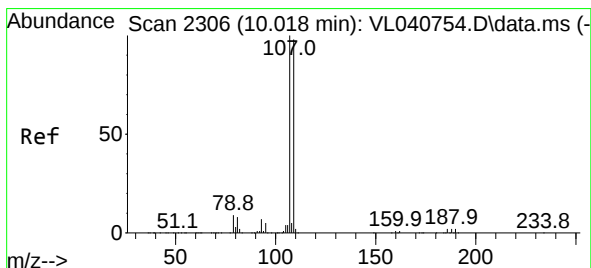
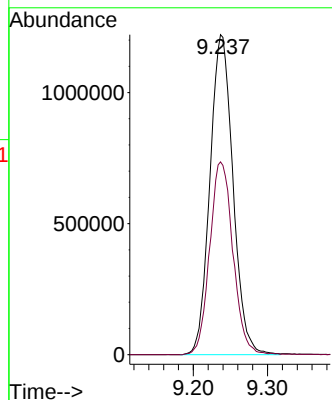
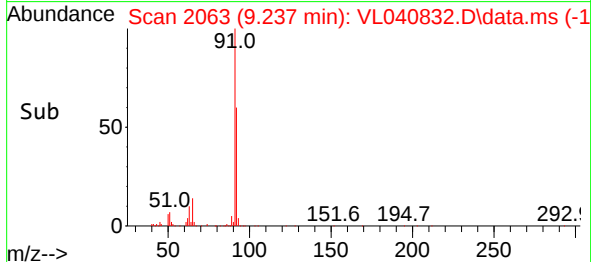
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



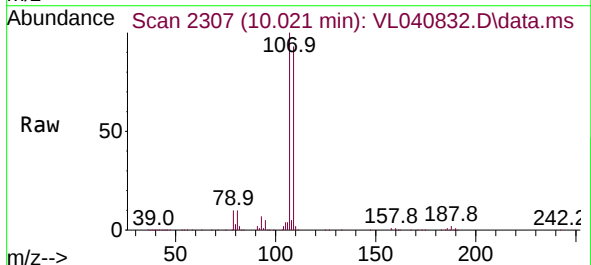
Tgt Ion: 91 Resp: 2630628
Ion Ratio Lower Upper
91 100
92 61.0 50.2 75.2

Manual Integrations
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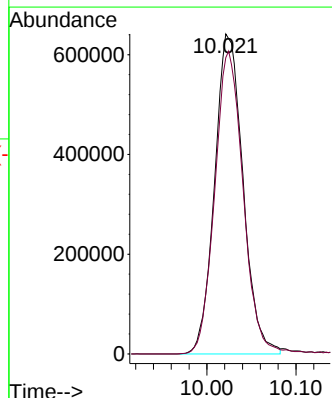
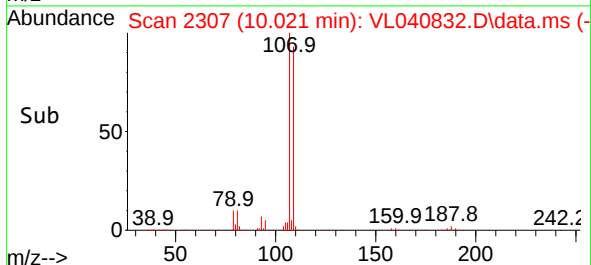
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

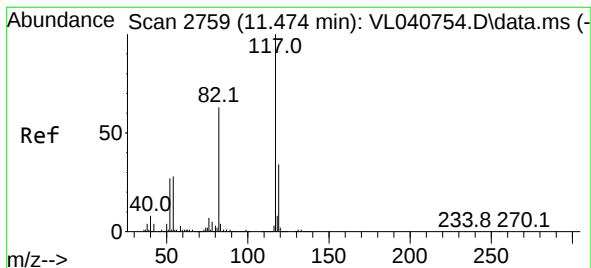


#54
1,2-Dibromoethane
Concen: 12.154 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.016 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57



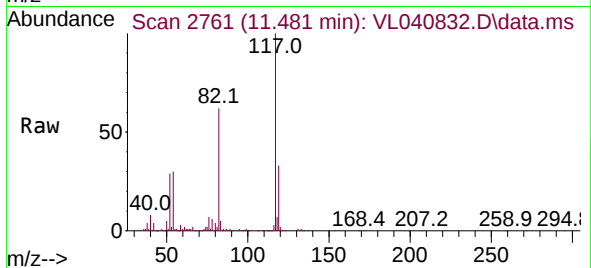
Tgt Ion:107 Resp: 1418648
Ion Ratio Lower Upper
107 100
109 92.4 78.2 117.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

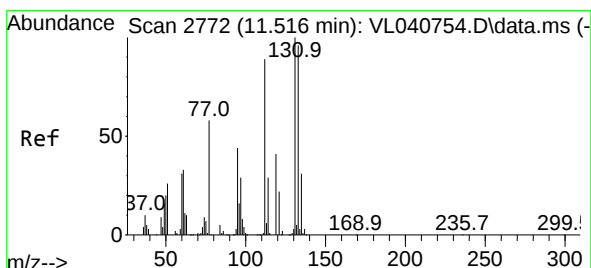
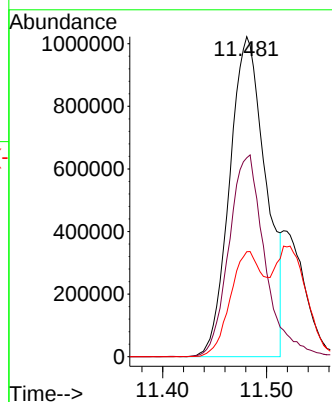
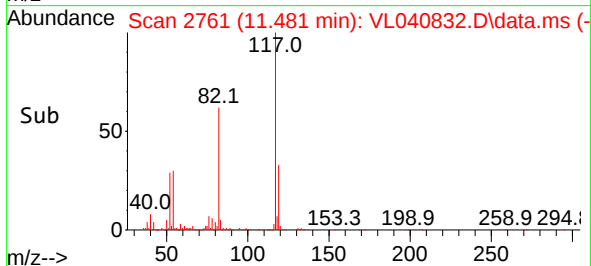
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



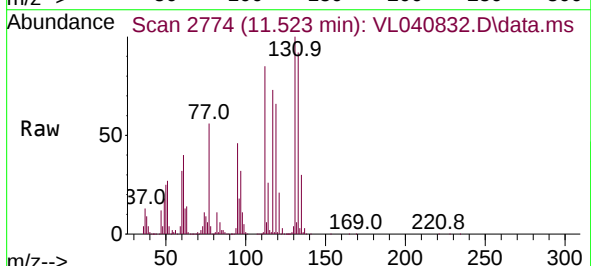
Tgt Ion:117 Resp: 2474970
Ion Ratio Lower Upper
117 100
82 63.4 46.6 70.0
119 31.6 26.0 39.0

Manual Integrations
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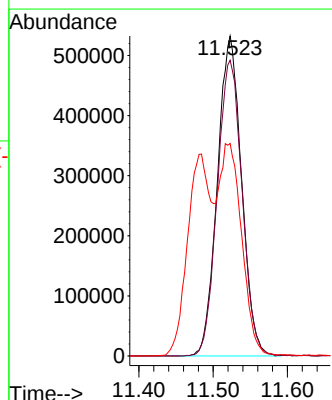
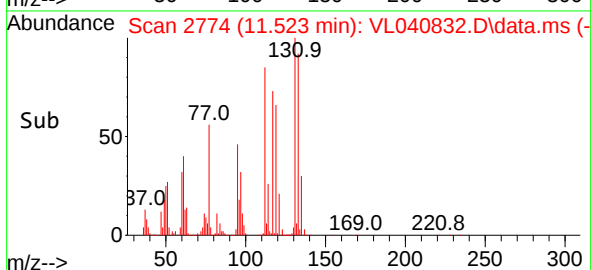
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

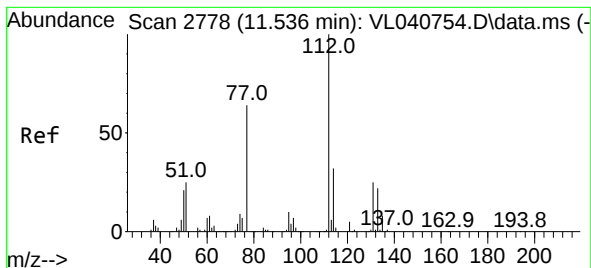


#56
1,1,1,2-Tetrachloroethane
Concen: 11.901 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.019 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57



Tgt Ion:131 Resp: 1202102
Ion Ratio Lower Upper
131 100
133 95.1 75.0 112.6
119 61.7 45.4 68.0





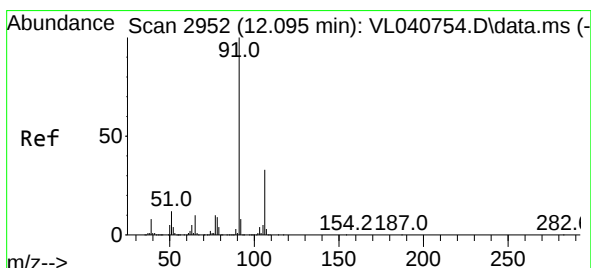
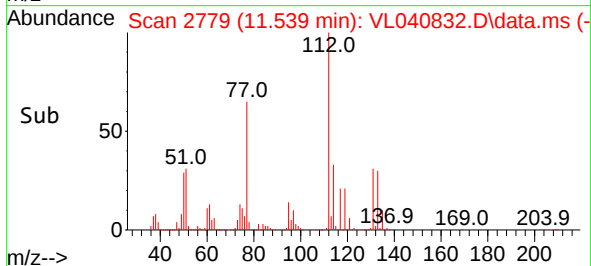
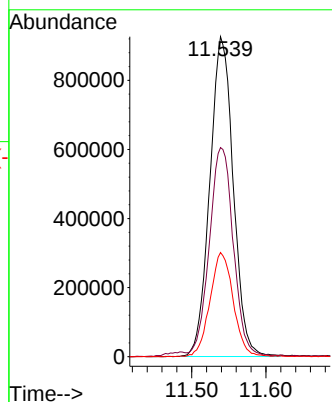
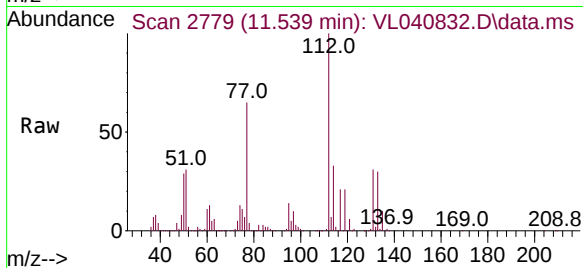
#57
Chlorobenzene
Concen: 11.465 ppbv
RT: 11.539 min Scan# 211
Delta R.T. 0.016 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 203318
Ion Ratio Lower Upper
112 100
77 64.8 51.9 77.9
114 32.4 28.6 35.0

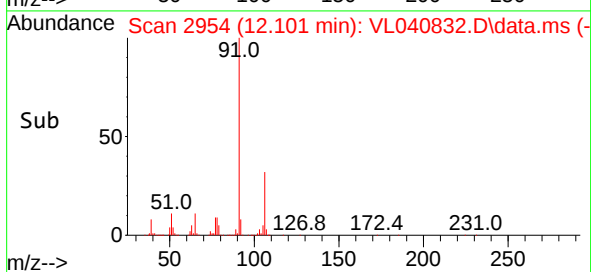
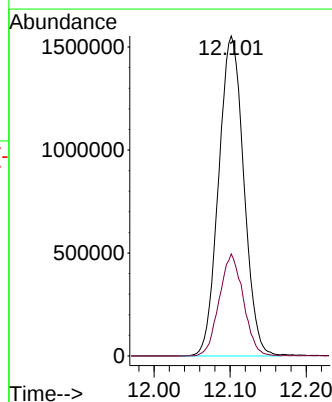
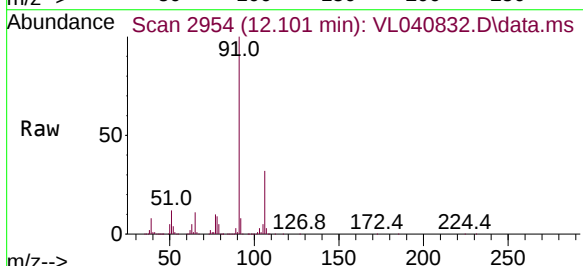
Manual Integrations
APPROVED

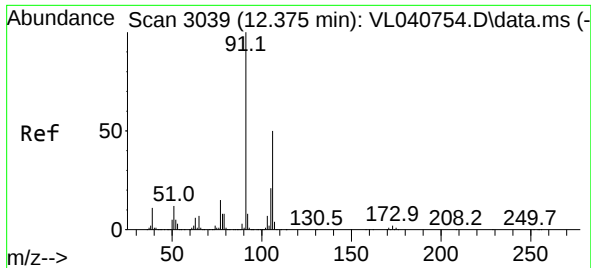
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#58
Ethyl Benzene
Concen: 11.458 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. 0.019 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Tgt Ion: 91 Resp: 3570663
Ion Ratio Lower Upper
91 100
106 31.9 26.7 40.1





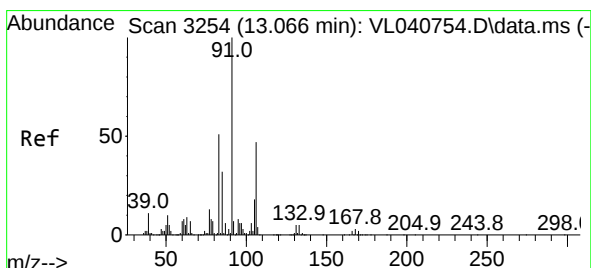
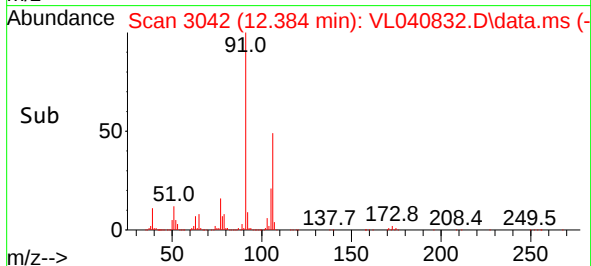
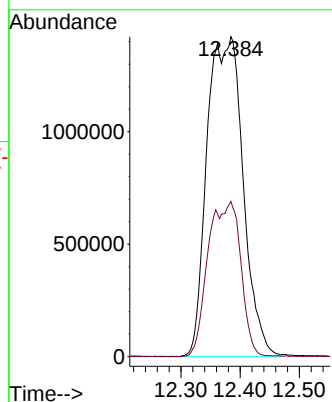
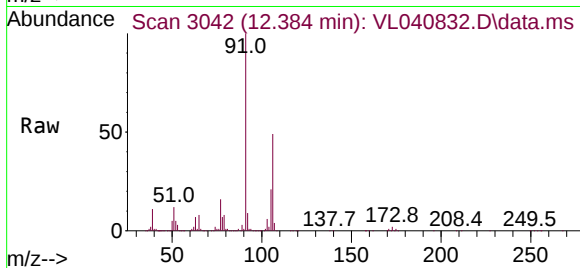
#59
m/p-Xylene
Concen: 23.396 ppbv m
RT: 12.384 min Scan# 3039
Delta R.T. 0.016 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 600029
Ion Ratio Lower Upper
91 100
106 44.1 37.7 56.5

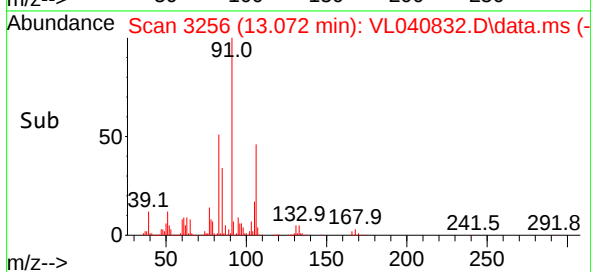
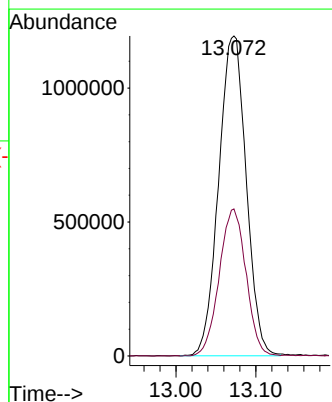
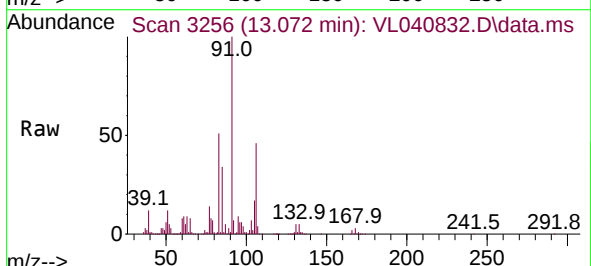
Manual Integrations
APPROVED

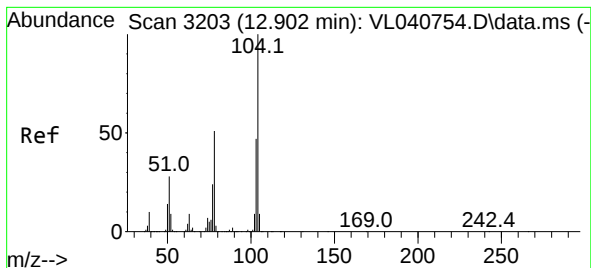
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#60
o-Xylene
Concen: 11.664 ppbv
RT: 13.072 min Scan# 3256
Delta R.T. 0.019 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Tgt Ion: 91 Resp: 2850352
Ion Ratio Lower Upper
91 100
106 45.0 23.5 70.5





#61

Styrene

Concen: 11.286 ppbv

RT: 12.908 min Scan# 31

Delta R.T. 0.016 min

Lab File: VL040832.D

Acq: 9 Nov 2023 11:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 1528049

Ion Ratio Lower Upper

104 100

78 53.4 39.8 59.6

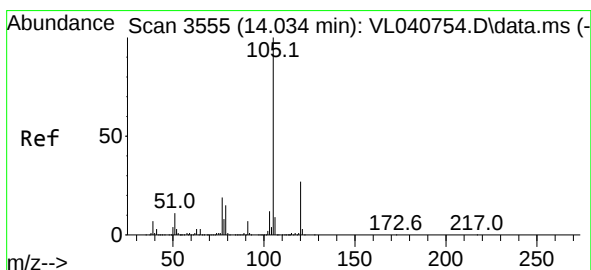
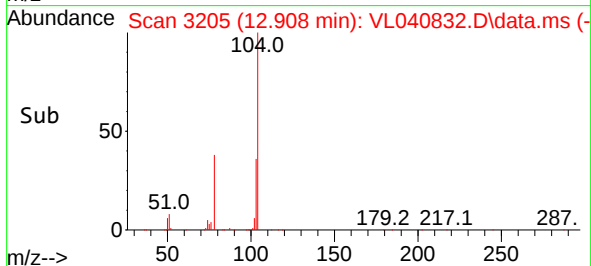
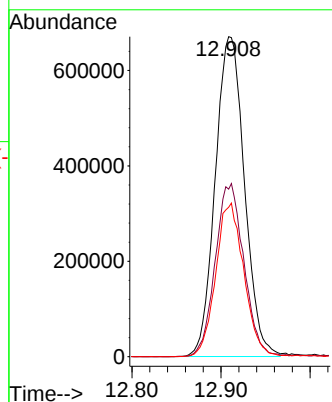
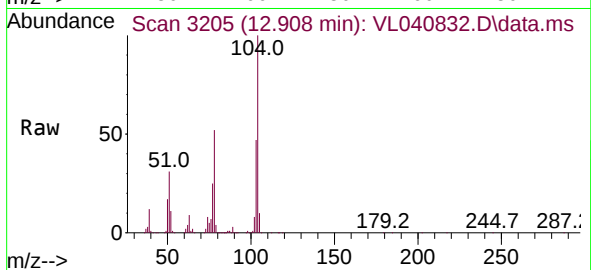
103 46.8 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#62

Isopropylbenzene

Concen: 11.139 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.019 min

Lab File: VL040832.D

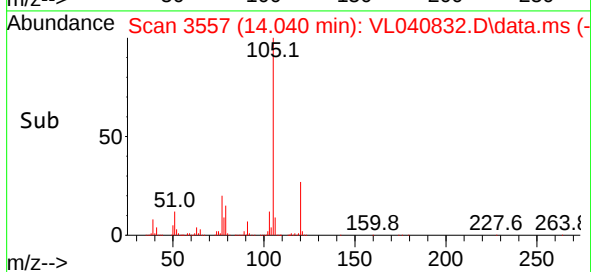
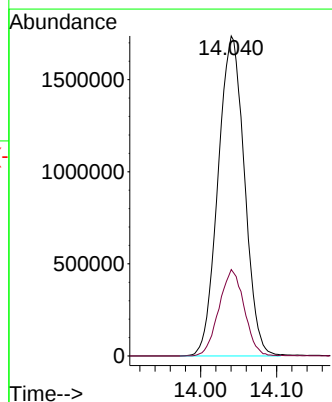
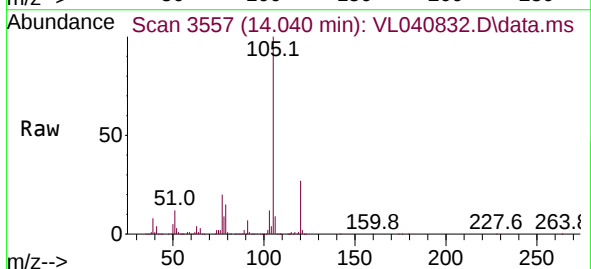
Acq: 9 Nov 2023 11:57

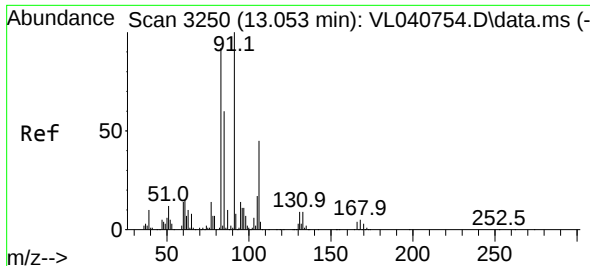
Tgt Ion:105 Resp: 4187599

Ion Ratio Lower Upper

105 100

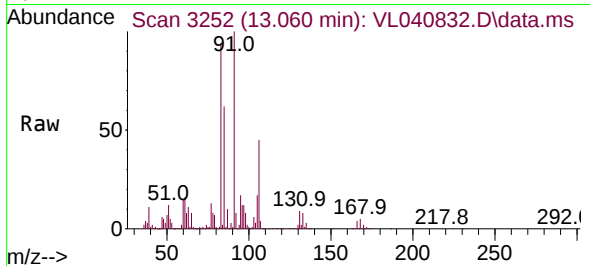
120 25.9 21.5 32.3





#63
1,1,2,2-Tetrachloroethane
Concen: 11.354 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

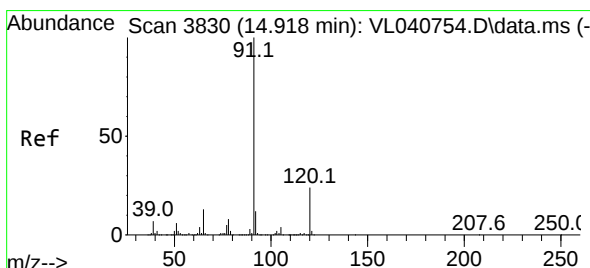
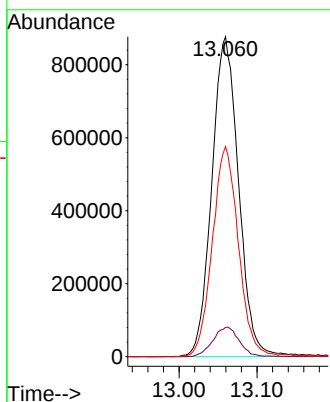
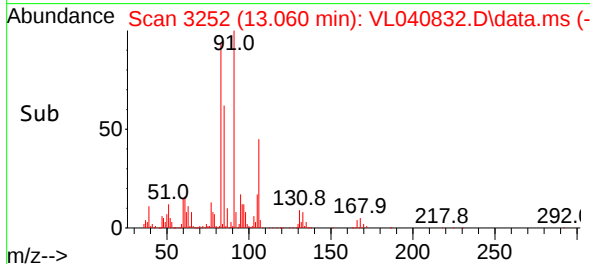
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



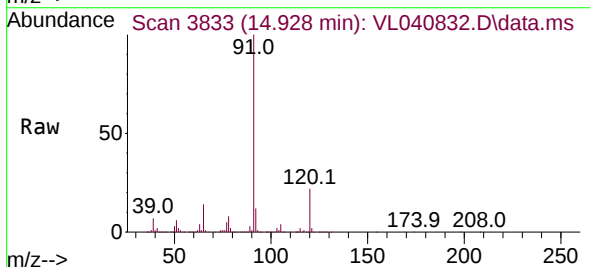
Tgt Ion: 83 Resp: 208025
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.6
85 64.8 32.9 98.7

Manual Integrations
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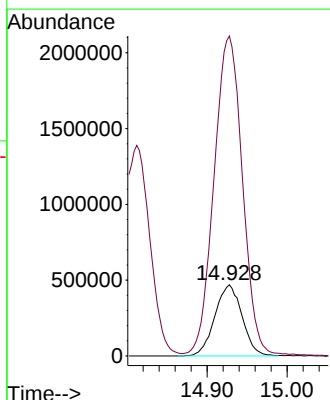
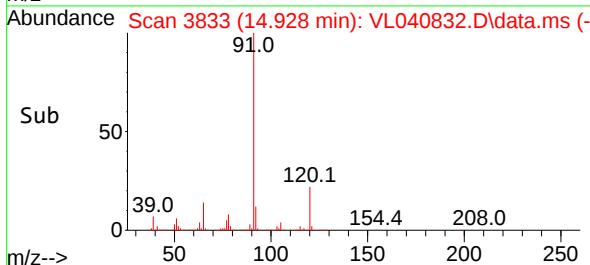
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

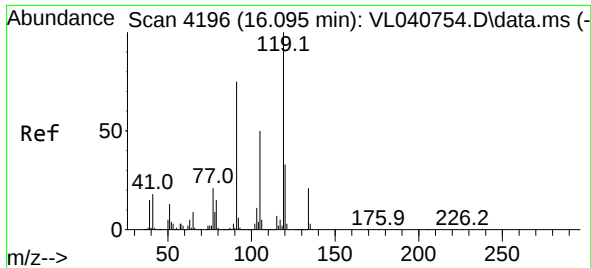


#64
n-propylbenzene
Concen: 10.973 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.019 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57



Tgt Ion:120 Resp: 1108164
Ion Ratio Lower Upper
120 100
91 472.7 345.9 518.9





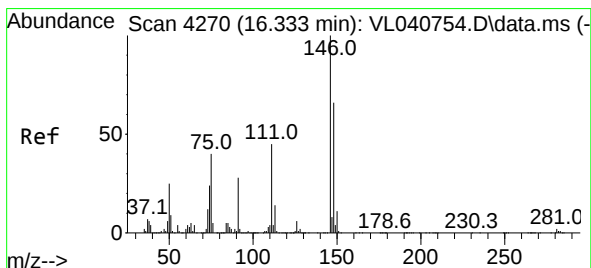
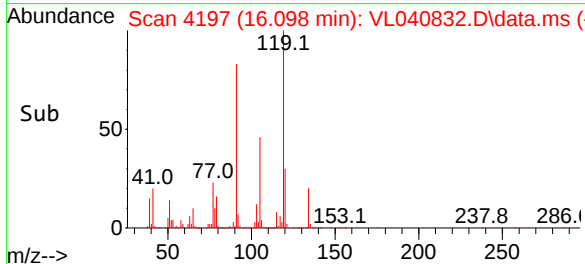
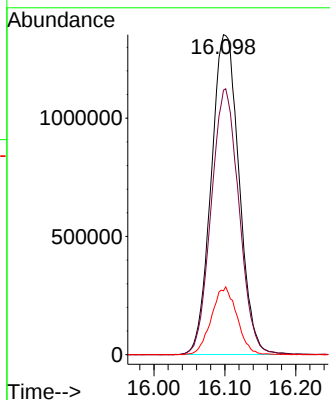
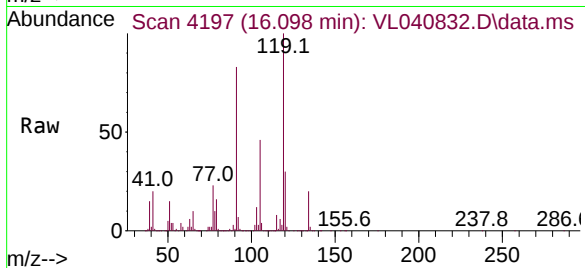
#65
tert-Butylbenzene
Concen: 10.873 ppbv
RT: 16.098 min Scan# 4196
Delta R.T. 0.016 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 368674
Ion Ratio Lower Upper
119 100
91 83.2 62.2 93.2
134 19.5 16.1 24.1

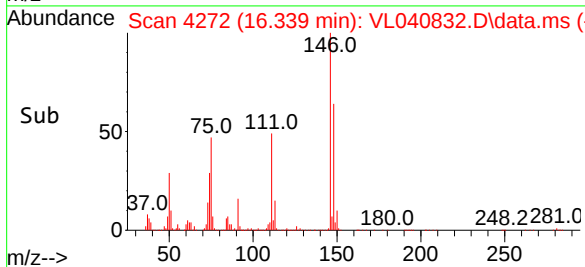
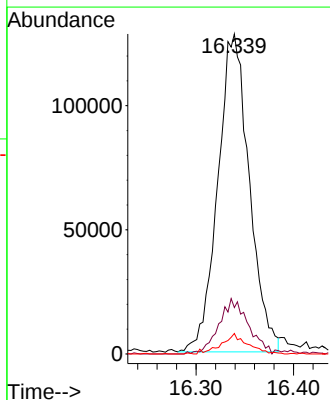
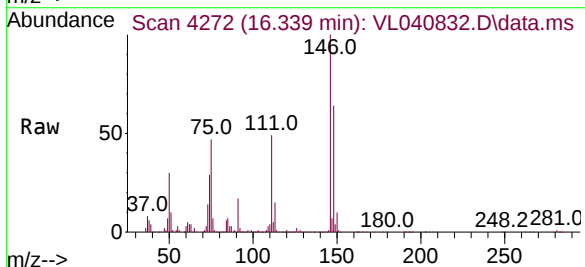
Manual Integrations
APPROVED

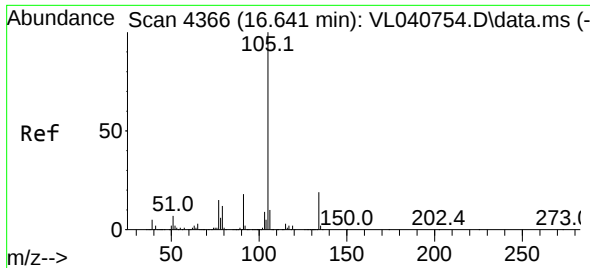
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#66
Benzyl Chloride
Concen: 8.411 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.023 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

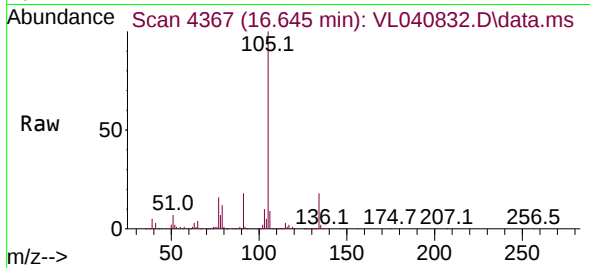
Tgt Ion: 91 Resp: 287322
Ion Ratio Lower Upper
91 100
126 17.1 16.1 24.1
128 5.4 5.2 7.8





#67
 sec-Butylbenzene
 Concen: 11.173 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL040832.D
 Acq: 9 Nov 2023 11:57

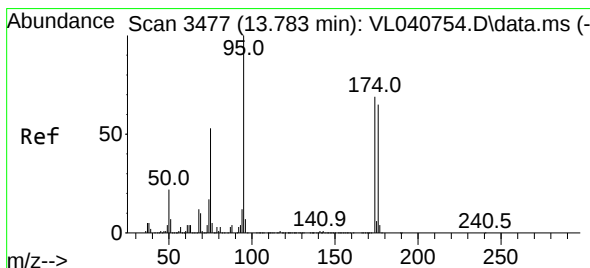
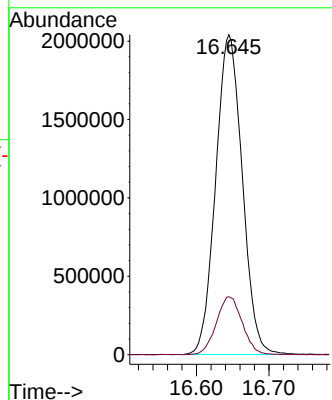
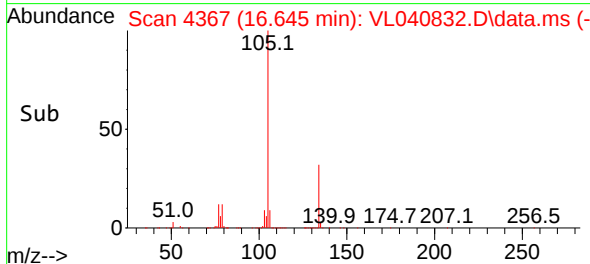
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 518697
 Ion Ratio Lower Upper
 105 100
 134 17.7 15.4 23.2

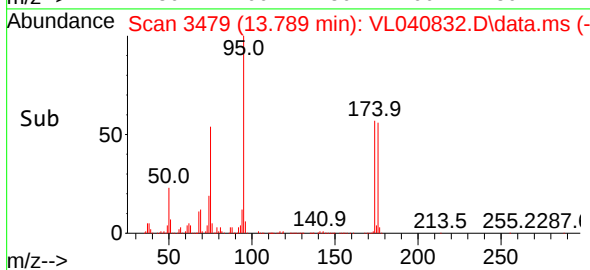
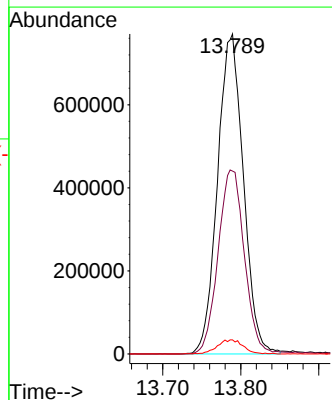
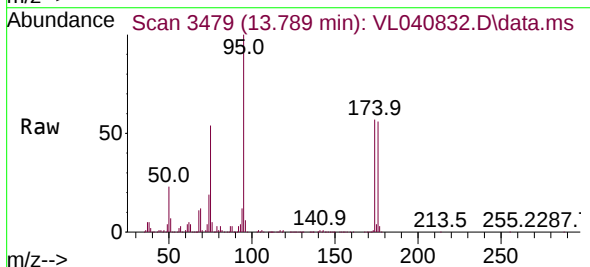
Manual Integrations
 APPROVED

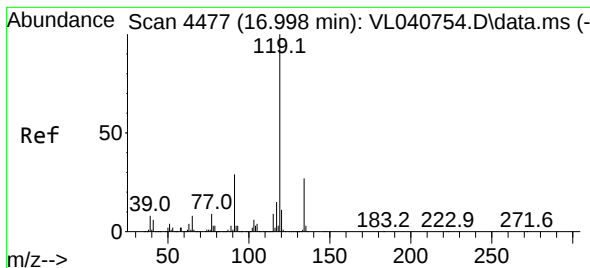
Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.728 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. 0.019 min
 Lab File: VL040832.D
 Acq: 9 Nov 2023 11:57

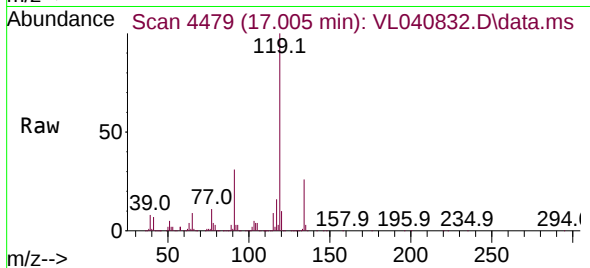
Tgt Ion: 95 Resp: 1771607
 Ion Ratio Lower Upper
 95 100
 174 59.2 54.7 82.1
 175 4.5 4.2 6.4





#69
p-Isopropyltoluene
Concen: 10.890 ppbv
RT: 17.005 min Scan# 4479
Delta R.T. 0.019 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

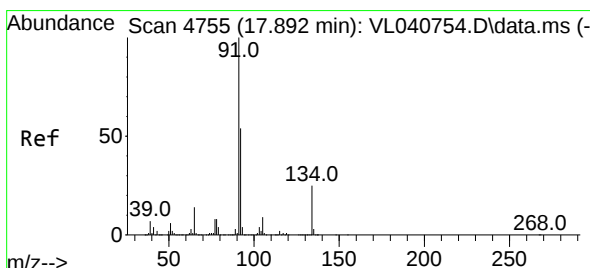
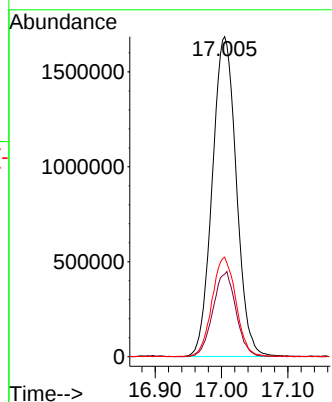
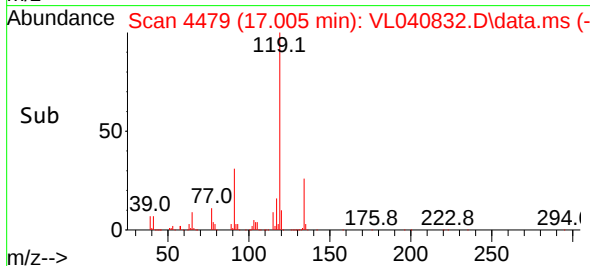
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



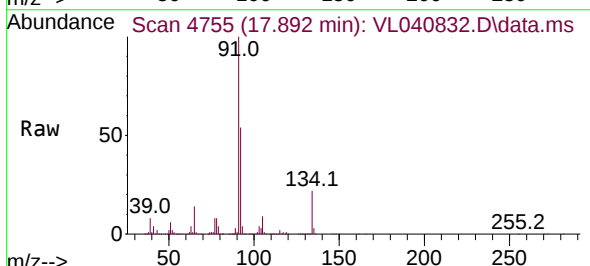
Tgt Ion:119 Resp: 4236158
Ion Ratio Lower Upper
119 100
134 25.6 21.0 31.4
91 31.0 22.8 34.2

Manual Integrations
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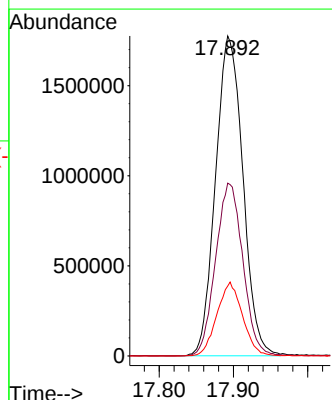
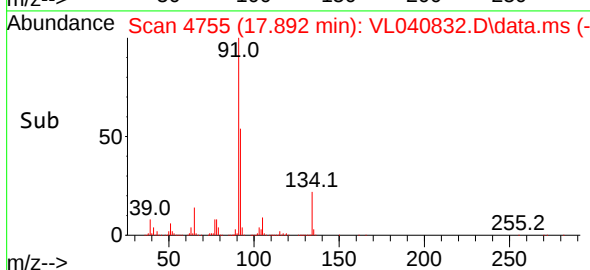
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

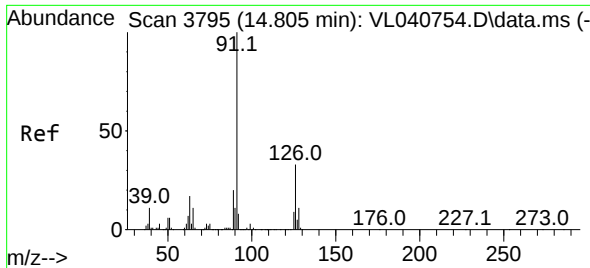


#70
n-Butylbenzene
Concen: 11.894 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.016 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57



Tgt Ion: 91 Resp: 4543503
Ion Ratio Lower Upper
91 100
92 54.0 44.1 66.1
134 21.7 19.5 29.3





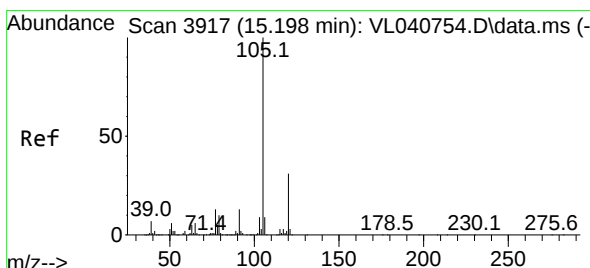
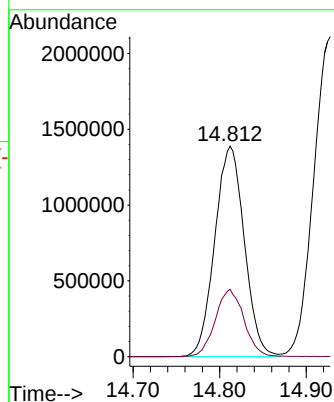
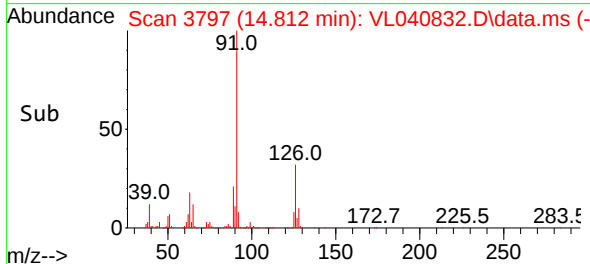
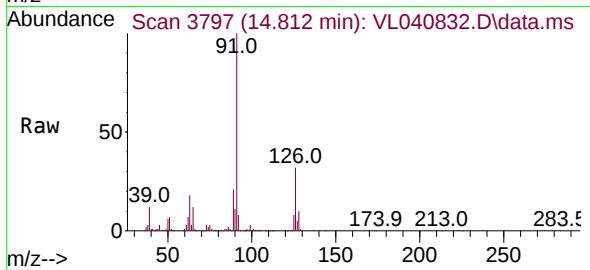
#71
2-Chlorotoluene
Concen: 11.616 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3280290
Ion Ratio Lower Upper
91 100
126 31.2 13.3 53.1

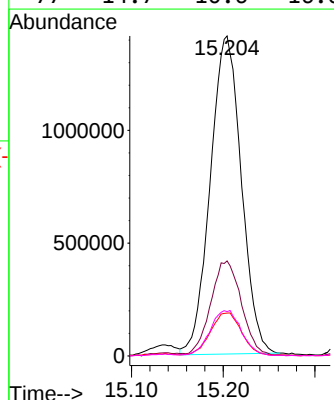
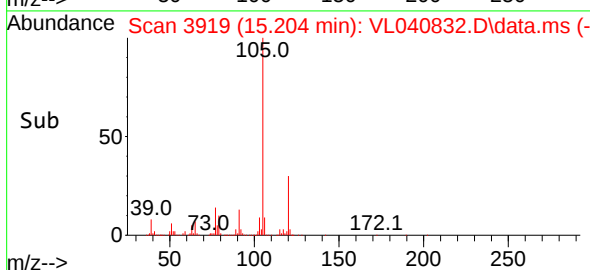
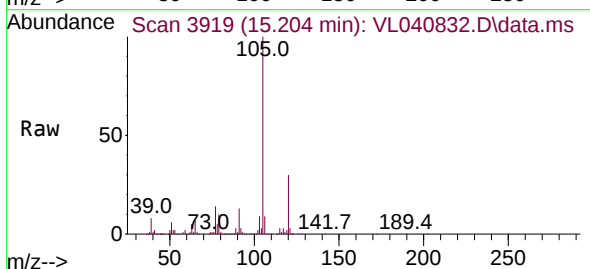
Manual Integrations
APPROVED

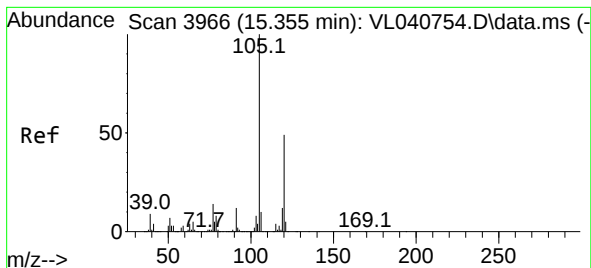
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#72
4-Ethyltoluene
Concen: 11.592 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.019 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

Tgt Ion:105 Resp: 3317246
Ion Ratio Lower Upper
105 100
120 30.0 25.0 37.4
91 13.5 9.8 14.8
77 14.7 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 11.466 ppbv

RT: 15.359 min Scan# 3966

Delta R.T. 0.016 min

Lab File: VL040832.D

Acq: 9 Nov 2023 11:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 288901

Ion Ratio Lower Upper

105 100

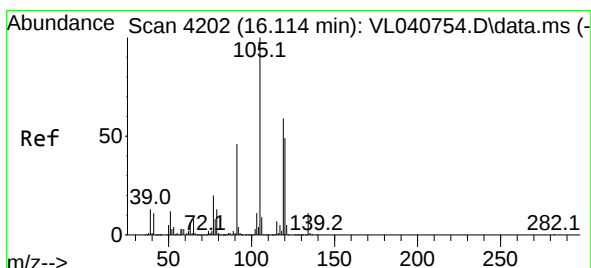
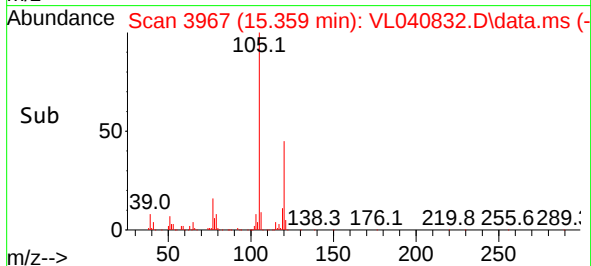
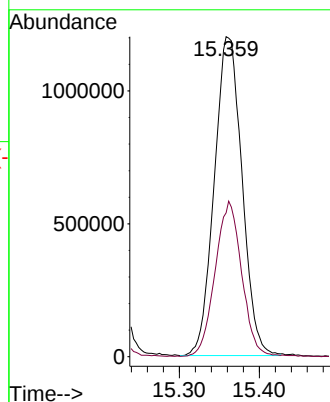
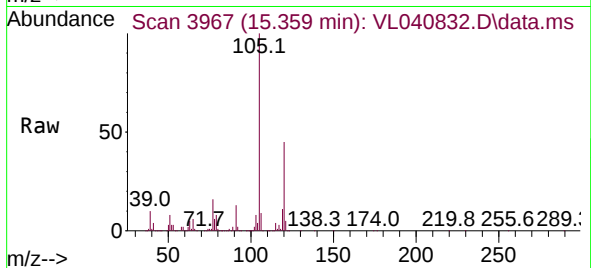
120 45.0 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#74

1,2,4-Trimethylbenzene

Concen: 11.361 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.016 min

Lab File: VL040832.D

Acq: 9 Nov 2023 11:57

Tgt Ion:105 Resp: 3127611

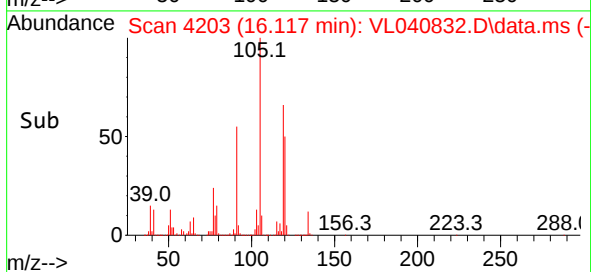
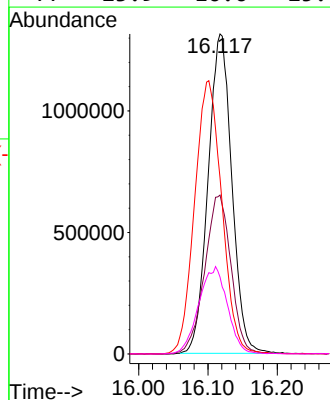
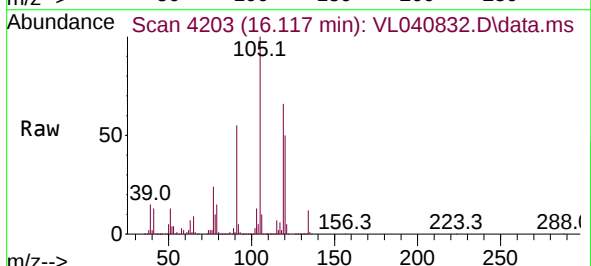
Ion Ratio Lower Upper

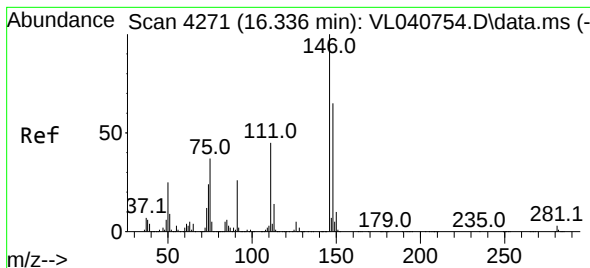
105 100

120 49.6 39.4 59.2

91 55.0 38.6 58.0

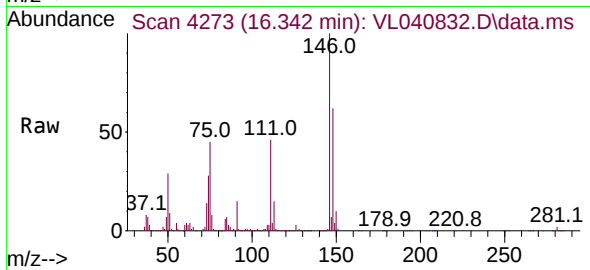
77 23.9 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 10.745 ppbv
RT: 16.342 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

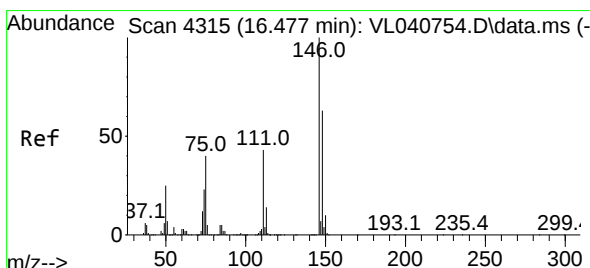
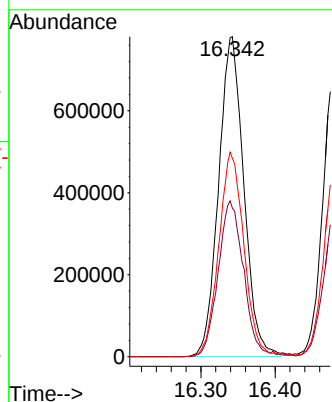
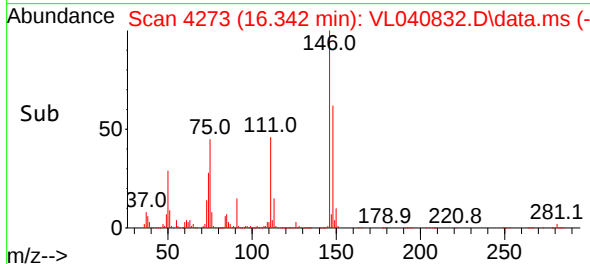
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



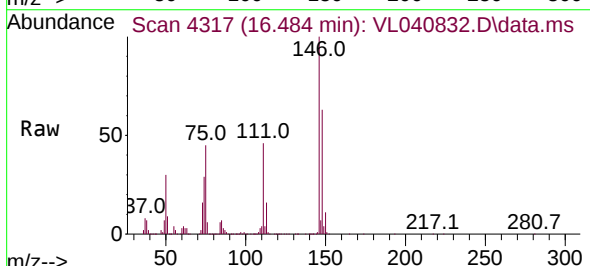
Tgt Ion:146 Resp: 1839629
Ion Ratio Lower Upper
146 100
111 49.3 22.6 67.7
148 64.1 32.4 97.0

Manual Integrations
APPROVED

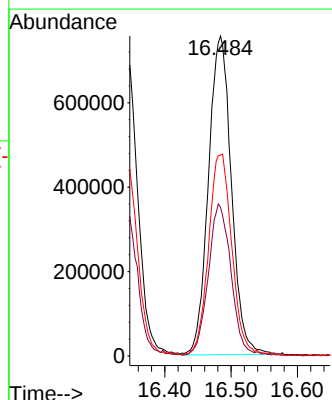
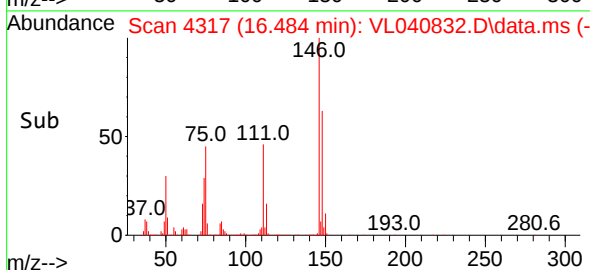
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

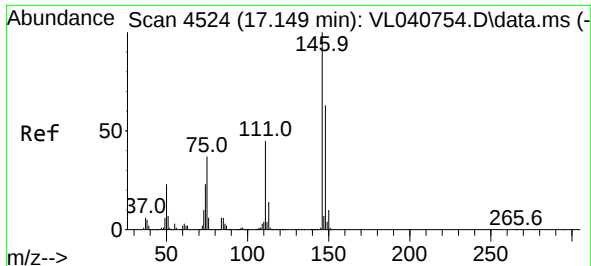


#76
1,4-Dichlorobenzene
Concen: 10.694 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.023 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57



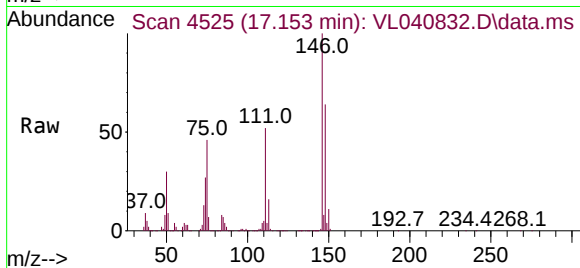
Tgt Ion:146 Resp: 1813236
Ion Ratio Lower Upper
146 100
111 47.6 22.0 66.0
148 64.5 33.4 100.1





#77
1,2-Dichlorobenzene
Concen: 10.556 ppbv
RT: 17.153 min Scan# 4525
Delta R.T. 0.019 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57

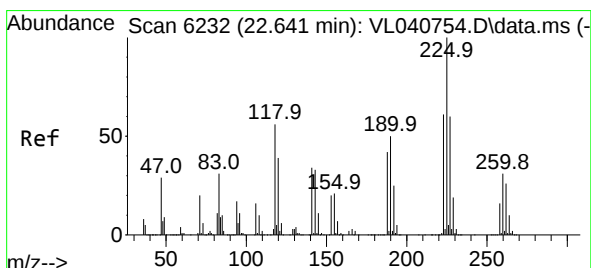
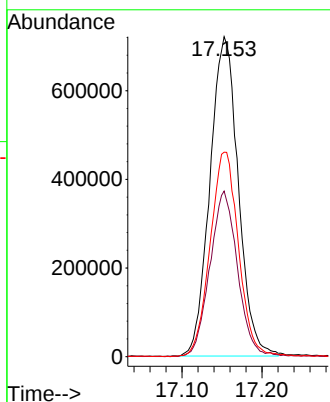
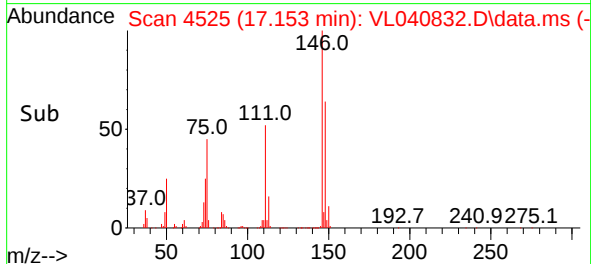
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



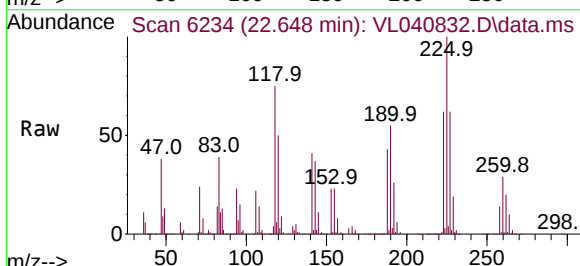
Tgt Ion:146 Resp: 1773210
Ion Ratio Lower Upper
146 100
111 50.5 22.9 68.8
148 64.8 32.3 96.8

Manual Integrations
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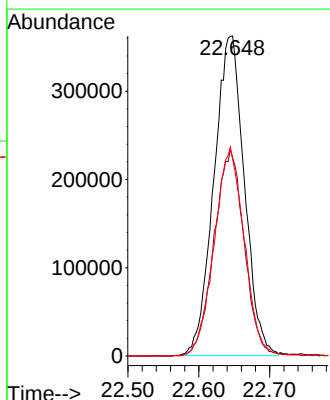
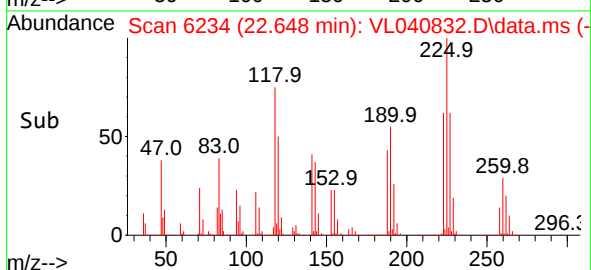
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

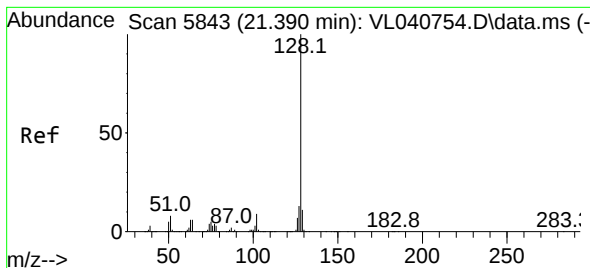


#78
Hexachloro-1,3-Butadiene
Concen: 9.021 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. 0.026 min
Lab File: VL040832.D
Acq: 9 Nov 2023 11:57



Tgt Ion:225 Resp: 1084300
Ion Ratio Lower Upper
225 100
223 64.3 50.7 76.1
227 64.4 51.4 77.0





#79

Naphthalene

Concen: 11.349 ppbv

RT: 21.397 min Scan# 5843

Delta R.T. 0.026 min

Lab File: VL040832.D

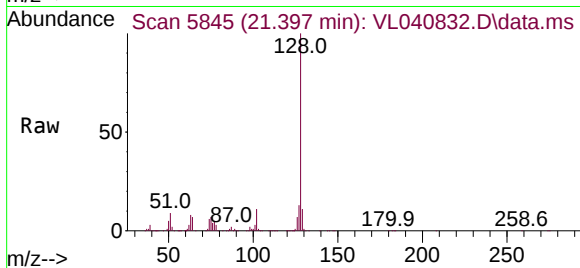
Acq: 9 Nov 2023 11:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:128 Resp: 253947

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

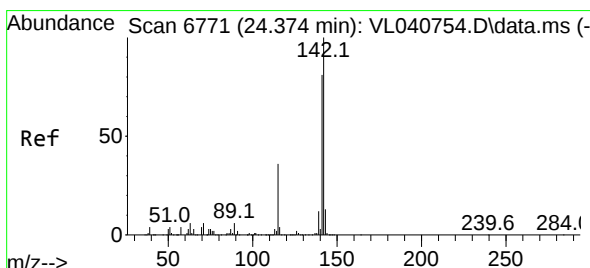
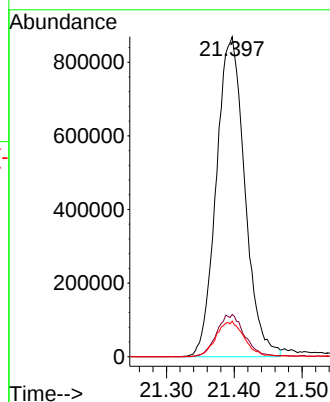
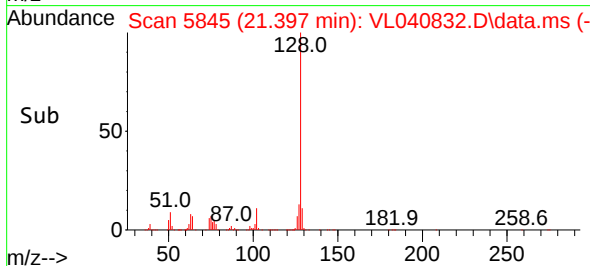
129 11.1 9.0 13.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#80

Naphthalene,2-methyl-

Concen: 9.765 ppbv

RT: 24.384 min Scan# 6774

Delta R.T. 0.019 min

Lab File: VL040832.D

Acq: 9 Nov 2023 11:57

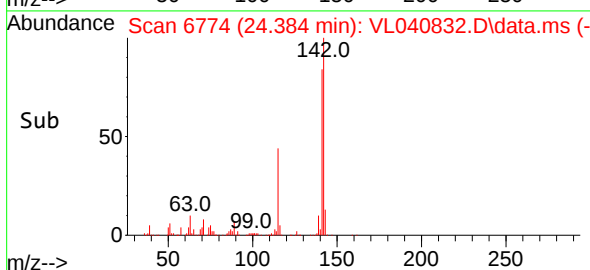
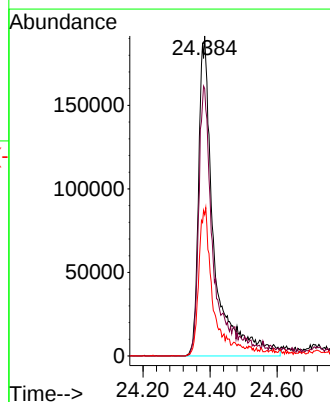
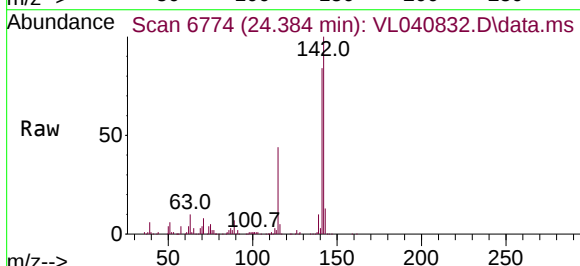
Tgt Ion:142 Resp: 613186

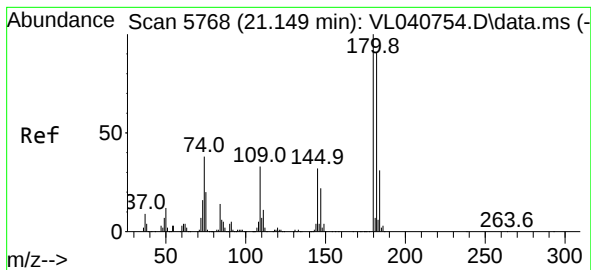
Ion Ratio Lower Upper

142 100

141 81.3 66.3 99.5

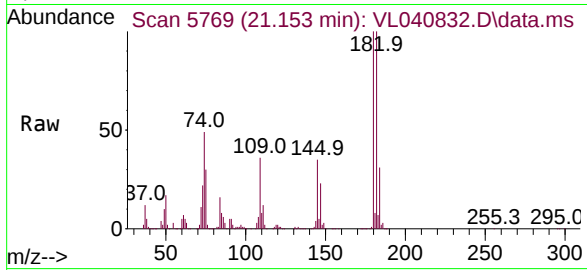
115 44.1 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.576 ppbv
 RT: 21.153 min Scan# 51
 Delta R.T. 0.019 min
 Lab File: VL040832.D
 Acq: 9 Nov 2023 11:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1284810
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.9 116.9
 184 31.1 25.0 37.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023

