

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040754.D
 Acq On : 11 Oct 2023 12:00
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/12/2023
 Supervised By : Mahesh Dadoda 10/16/2023

Quant Time: Oct 11 12:35:15 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 : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1210263	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	3283429	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	3402040	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 2397360 9.121 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 91.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.758	85	2021829	7.582	ppbv	97
3) Chlorodifluoromethane	2.703	51	1681947	8.531	ppbv	92
4) Chloromethane	2.841	50	671723	8.899	ppbv	96
5) Vinyl Chloride	2.947	62	679319	7.615	ppbv	99
6) Bromomethane	3.147	94	291612	6.775	ppbv	98
7) Chloroethane	3.221	64	236250	7.710	ppbv	98
8) Dichlorotetrafluoroethane	2.883	85	1553263	7.056	ppbv	97
9) Propene	2.722	41	634951	11.179	ppbv	99
10) Heptane	7.590	43	1561956	12.204	ppbv	97
11) Trichlorofluoromethane	3.584	101	1576122	6.723	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.086	101	1141782	6.809	ppbv	98
13) Ethanol	3.266	45	134257	7.986	ppbv	97
14) Bromoethene	3.388	108	505868	7.192	ppbv	99
15) Acetone	3.491	43	1152916	7.222	ppbv	98
16) 1,3-Butadiene	3.012	39	666445	9.579	ppbv	97
17) tert-Butyl alcohol	3.899	59	1367110	8.360	ppbv	100
18) 1,1-Dichloroethene	3.902	96	510381	6.848	ppbv	98
19) Isopropyl Alcohol	3.597	45	820896	8.534	ppbv #	1
20) Methylene Chloride	3.954	84	423830	4.933	ppbv	91
21) Allyl Chloride	4.018	41	848154	8.669	ppbv	97
22) trans-1,2-Dichloroethene	4.465	96	545993	7.409	ppbv	97
23) Vinyl Acetate	4.645	43	1524437	9.234	ppbv #	98
24) 1,1-Dichloroethane	4.581	63	1141159	7.386	ppbv	99
25) Ethyl Acetate	5.221	43	2593276	10.072	ppbv	100
26) Hexane	5.230	57	1150309	9.449	ppbv	97
27) Carbon Disulfide	4.144	76	1387471	8.172	ppbv	96
28) Methyl tert-Butyl Ether	4.603	73	934634	8.923	ppbv	100
29) Chloroform	5.291	83	1703608	8.105	ppbv	99
30) Cyclohexane	6.613	84	1012402	11.043	ppbv	94
31) cis-1,2-Dichloroethene	5.095	61	1122655	9.939	ppbv	95
32) 1,1,1-Trichloroethane	6.021	97	1772450	8.248	ppbv	98
34) 2-Butanone	4.803	43	1274933	7.721	ppbv	95
35) Carbon Tetrachloride	6.507	117	1824145	8.091	ppbv	99
36) Benzene	6.385	78	2477672	10.190	ppbv	96
37) 1,2-Dichloroethane	5.822	62	1307330	7.856	ppbv #	96
38) Trichloroethene	7.304	130	966096	10.419	ppbv	96
39) 1,2-Dichloropropane	7.086	63	976107	10.430	ppbv	94
40) 1,4-Dioxane	7.298	88	375291	10.607	ppbv #	92
41) Tetrahydrofuran	5.571	42	1050889	12.411	ppbv	92
42) Bromodichloromethane	7.262	83	1944437	8.564	ppbv	99
43) Methyl Methacrylate	7.484	69	1027322	11.367	ppbv	94
44) 2,2,4-Trimethylpentane	7.340	57	4093080	10.573	ppbv	98
45) t-1,3-Dichloropropene	8.719	75	897644	12.809	ppbv	99

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Instrument :
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 Supervised By : Mahesh Dadoda 10/16/2023

Quant Time: Oct 11 12:35:15 2023

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

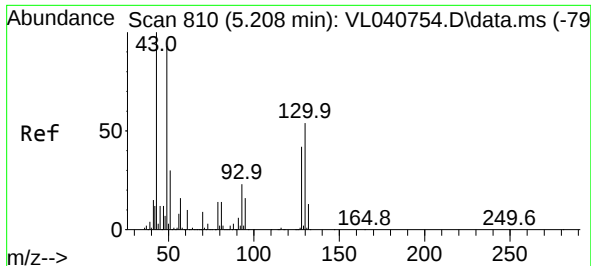
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	1035668	12.079	ppbv	97
47) 1,1,2-Trichloroethane	8.909	97	1011919	9.421	ppbv	98
48) Dibromochloromethane	9.719	129	1770212	9.991	ppbv	99
49) Bromoform	12.413	173	1519191	10.440	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	2543008	11.397	ppbv	99
51) 2-Hexanone	9.558	43	1960185	12.728	ppbv #	98
52) Tetrachloroethene	10.622	164	934367	11.781	ppbv	98
53) Toluene	9.230	91	2870594	11.183	ppbv	97
54) 1,2-Dibromoethane	10.018	107	1471159	10.731	ppbv	92
56) 1,1,1,2-Tetrachloroethane	11.516	131	1283736	7.916	ppbv	99
57) Chlorobenzene	11.536	112	2193922	8.516	ppbv	99
58) Ethyl Benzene	12.095	91	3825424	9.863	ppbv	95
59) m/p-Xylene	12.375	91	6270630m	17.217	ppbv	
60) o-Xylene	13.066	91	2990832	8.611	ppbv	96
61) Styrene	12.902	104	1760772	12.096	ppbv	96
62) Isopropylbenzene	14.034	105	4542941	8.663	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.053	83	2095905	7.699	ppbv	99
64) n-propylbenzene	14.918	120	1260564	9.613	ppbv	81
65) tert-Butylbenzene	16.095	119	3991153	8.479	ppbv	91
66) Benzyl Chloride	16.333	91	541818	9.863	ppbv	94
67) sec-Butylbenzene	16.641	105	5563487	8.257	ppbv	96
69) p-Isopropyltoluene	16.998	119	4698641	8.872	ppbv	96
70) n-Butylbenzene	17.892	91	4669495	8.011	ppbv	96
71) 2-Chlorotoluene	14.805	91	3442542	8.872	ppbv	94
72) 4-Ethyltoluene	15.198	105	3679222	9.446	ppbv	97
73) 1,3,5-Trimethylbenzene	15.355	105	3156602	9.000	ppbv	94
74) 1,2,4-Trimethylbenzene	16.114	105	3346057	7.826	ppbv #	89
75) 1,3-Dichlorobenzene	16.336	146	2129740	8.742	ppbv	97
76) 1,4-Dichlorobenzene	16.477	146	2098524	8.755	ppbv	97
77) 1,2-Dichlorobenzene	17.149	146	2071842	8.539	ppbv	97
78) Hexachloro-1,3-Butadiene	22.641	225	1325515	7.220	ppbv	99
79) Naphthalene	21.390	128	3103679	11.665	ppbv	98
80) Naphthalene,2-methyl-	24.374	142	1043854	16.018	ppbv	94
81) 1,2,4-Trichlorobenzene	21.149	180	1570019	9.034	ppbv	100

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



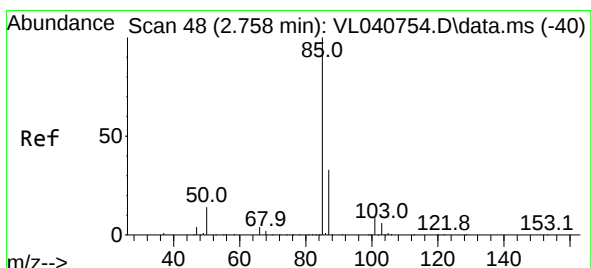
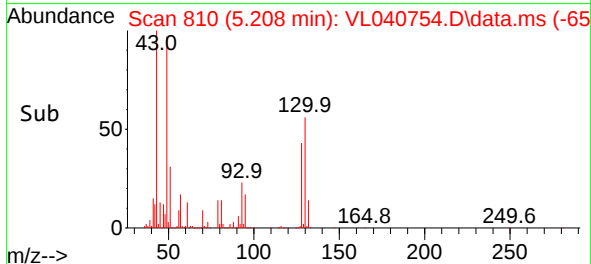
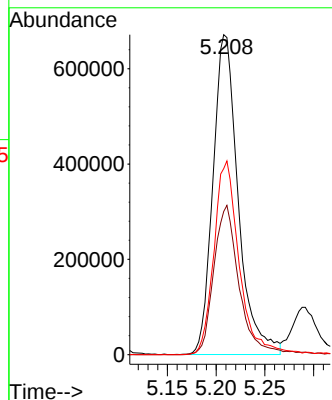
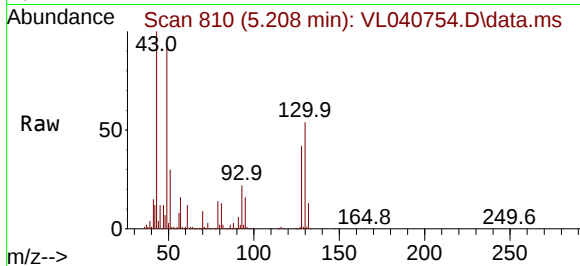
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.010 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 121026
Ion Ratio Lower Upper
49 100
128 47.8 25.4 76.0
130 61.4 32.3 96.8

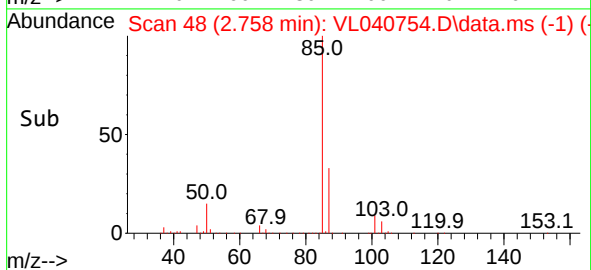
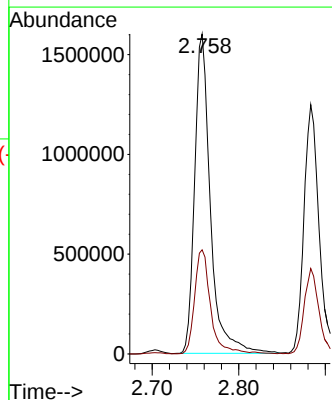
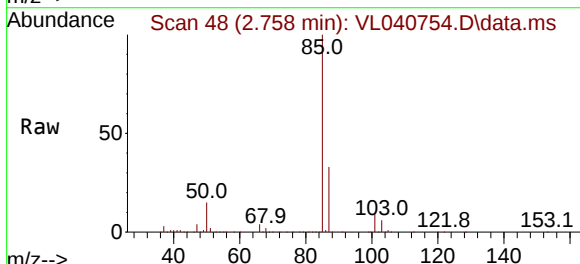
Manual Integrations
APPROVED

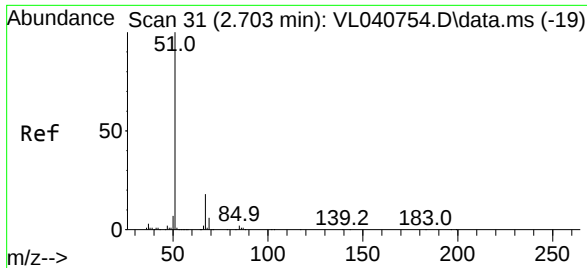
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#2
Dichlorodifluoromethane
Concen: 7.582 ppbv
RT: 2.758 min Scan# 48
Delta R.T. 0.026 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

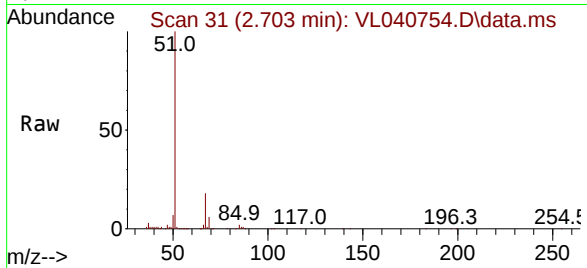
Tgt Ion: 85 Resp: 2021829
Ion Ratio Lower Upper
85 100
87 32.5 27.2 40.8





#3
Chlorodifluoromethane
Concen: 8.531 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

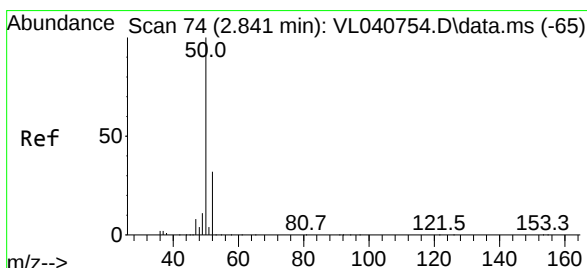
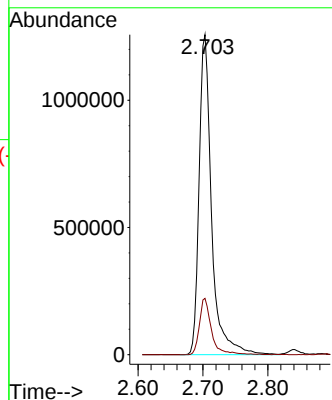
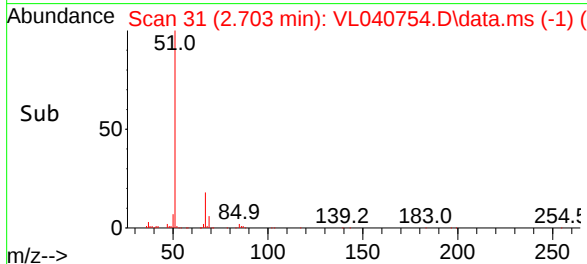
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



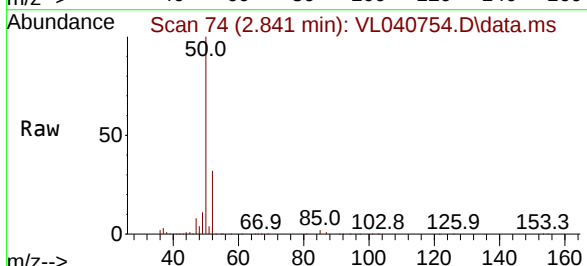
Tgt Ion: 51 Resp: 168194
Ion Ratio Lower Upper
51 100
67 17.2 16.7 25.1

Manual Integrations
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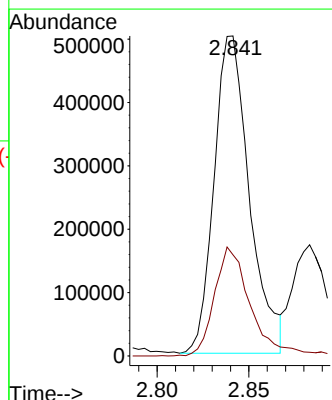
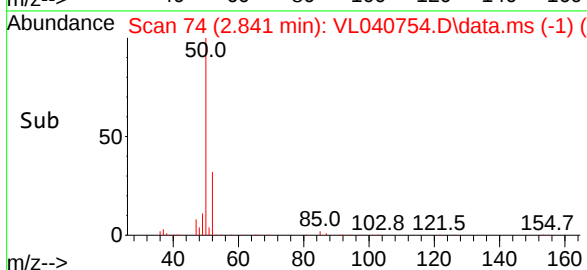
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

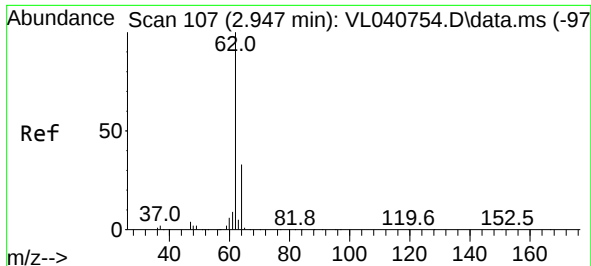


#4
Chloromethane
Concen: 8.899 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.026 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00



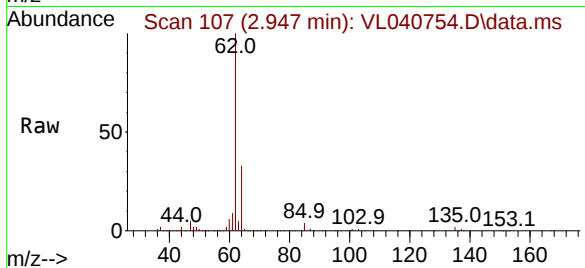
Tgt Ion: 50 Resp: 671723
Ion Ratio Lower Upper
50 100
52 31.6 27.1 40.7





#5
 Vinyl Chloride
 Concen: 7.615 ppbv
 RT: 2.947 min Scan# 107
 Delta R.T. 0.023 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

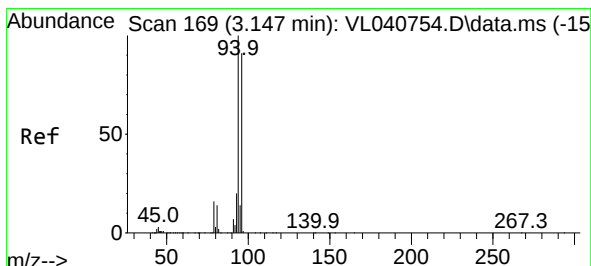
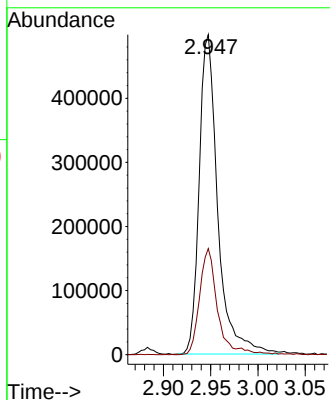
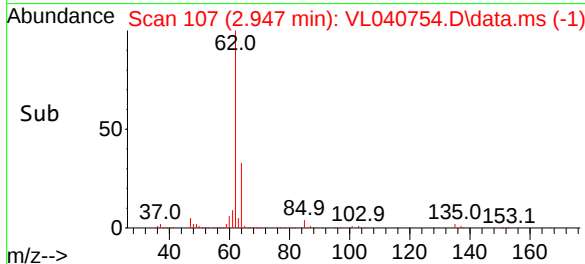
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



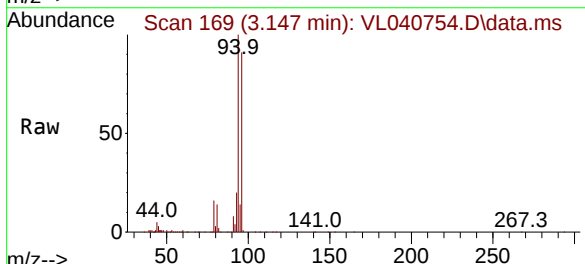
Tgt Ion: 62 Resp: 679319
 Ion Ratio Lower Upper
 62 100
 64 33.2 27.2 40.8

Manual Integrations
 APPROVED

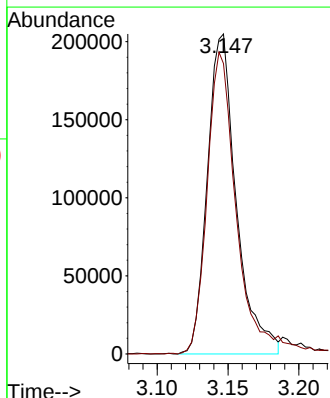
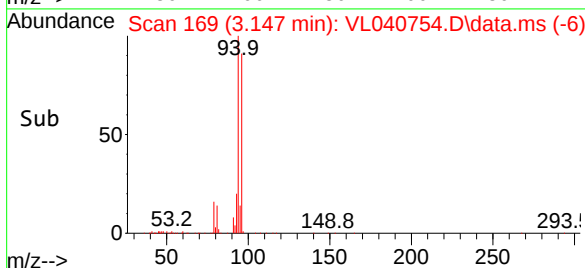
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

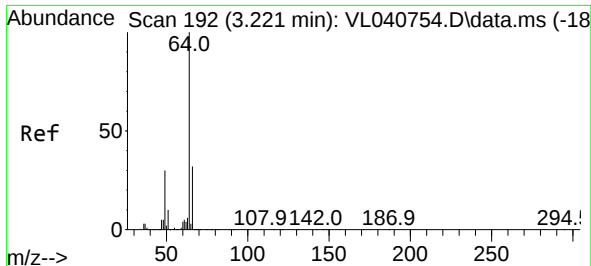


#6
 Bromomethane
 Concen: 6.775 ppbv
 RT: 3.147 min Scan# 169
 Delta R.T. 0.023 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00



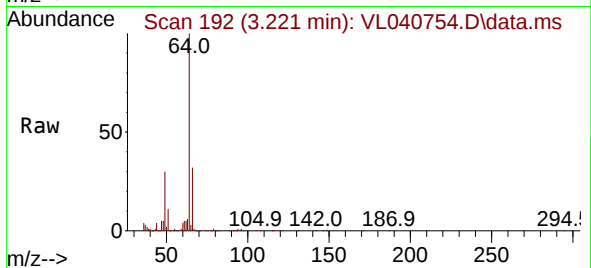
Tgt Ion: 94 Resp: 291612
 Ion Ratio Lower Upper
 94 100
 96 90.8 74.4 111.6





#7
Chloroethane
Concen: 7.710 ppbv
RT: 3.221 min Scan# 192
Delta R.T. 0.023 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

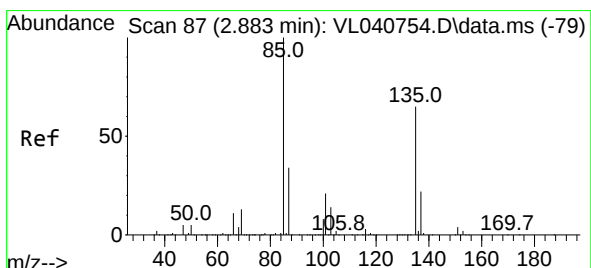
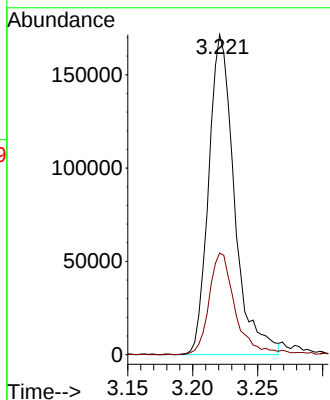
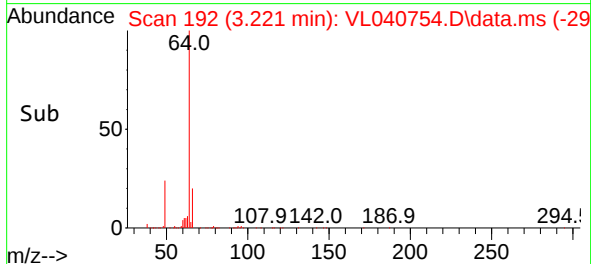
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



Tgt Ion: 64 Resp: 236250
Ion Ratio Lower Upper
64 100
66 31.8 24.5 36.7

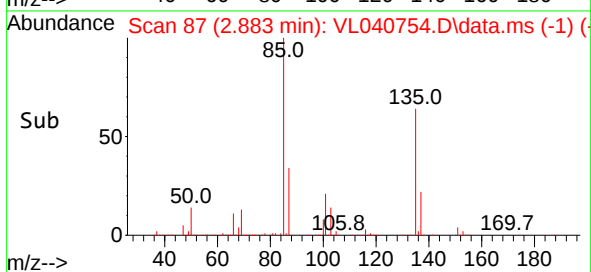
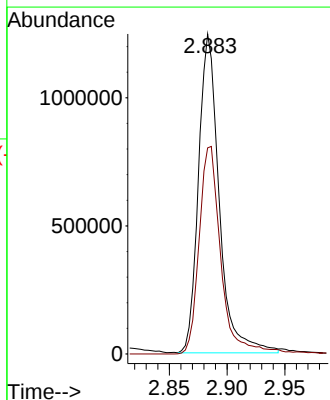
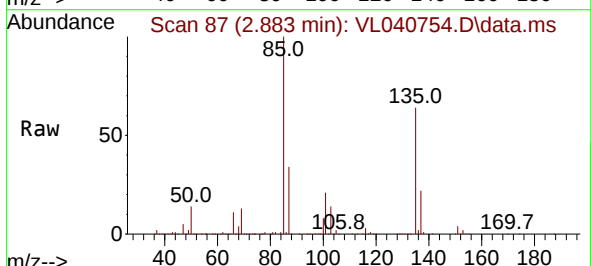
Manual Integrations
APPROVED

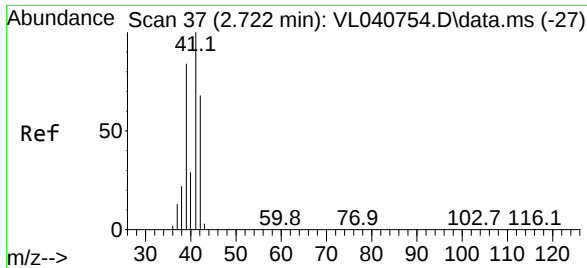
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#8
Dichlorotetrafluoroethane
Concen: 7.056 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.023 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

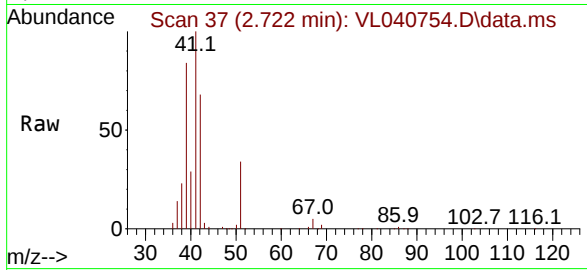
Tgt Ion: 85 Resp: 1553263
Ion Ratio Lower Upper
85 100
135 69.3 53.4 80.2





#9
 Propene
 Concen: 11.179 ppbv
 RT: 2.722 min Scan# 31
 Delta R.T. 0.026 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

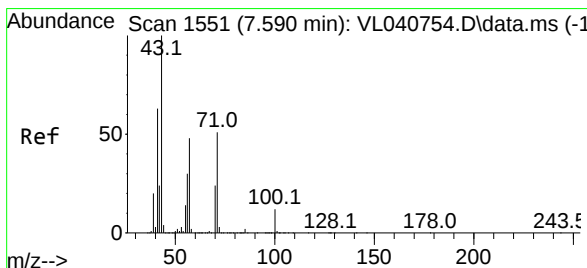
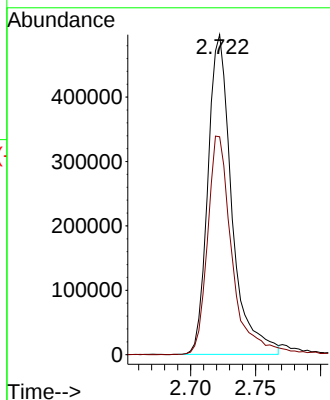
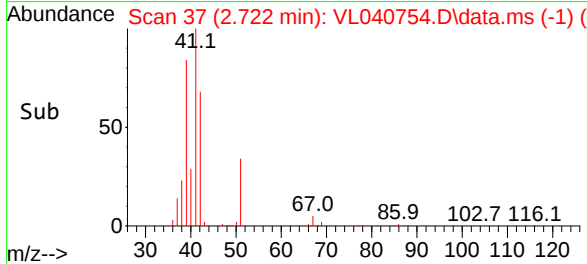
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 41 Resp: 63495
 Ion Ratio Lower Upper
 41 100
 42 71.4 56.7 85.1

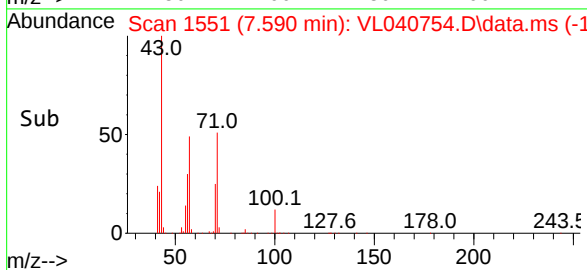
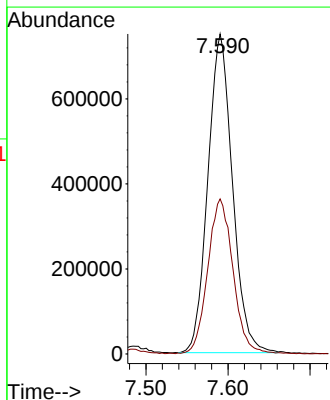
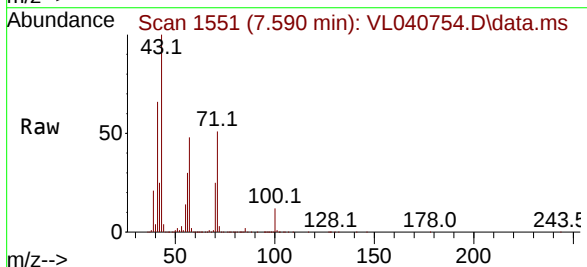
Manual Integrations
 APPROVED

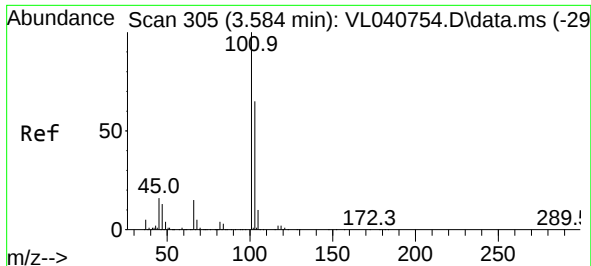
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#10
 Heptane
 Concen: 12.204 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.003 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

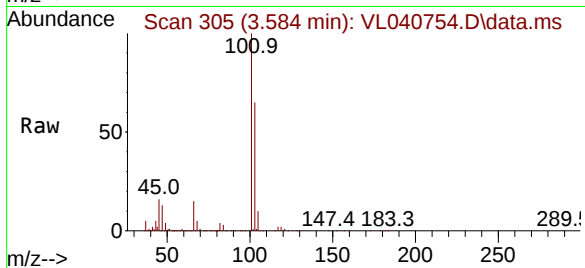
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 Ion Ratio Lower Upper
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 57 50.0 41.8 62.6





#11
Trichlorofluoromethane
Concen: 6.723 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.016 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

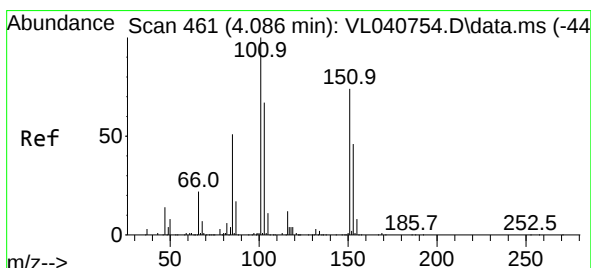
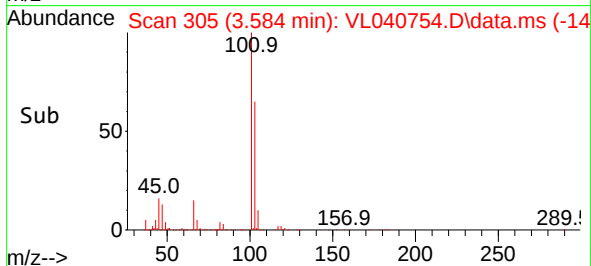
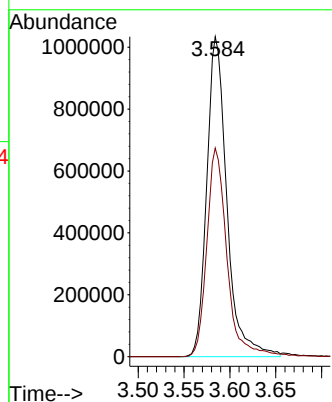
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:101 Resp: 157612
Ion Ratio Lower Upper
101 100
103 65.2 51.3 76.9

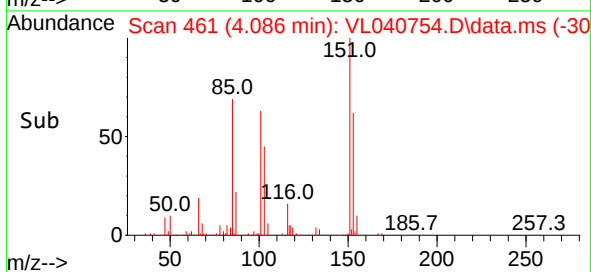
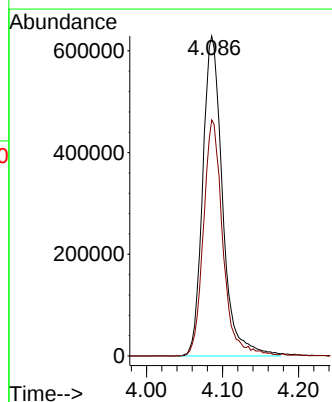
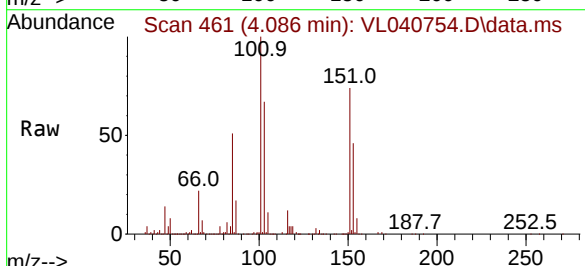
Manual Integrations
APPROVED

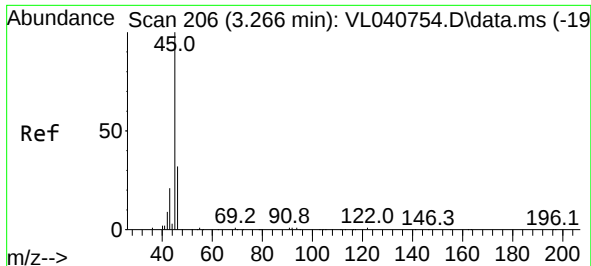
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 6.809 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.013 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

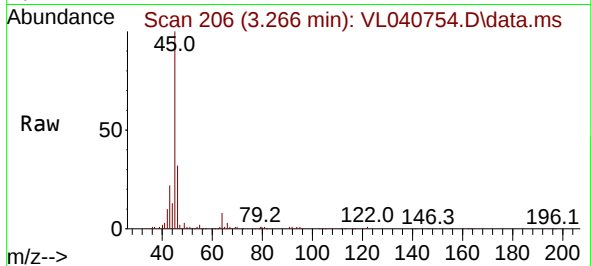
Tgt Ion:101 Resp: 1141782
Ion Ratio Lower Upper
101 100
151 72.6 56.8 85.2





#13
Ethanol
Concen: 7.986 ppbv
RT: 3.266 min Scan# 206
Delta R.T. 0.023 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

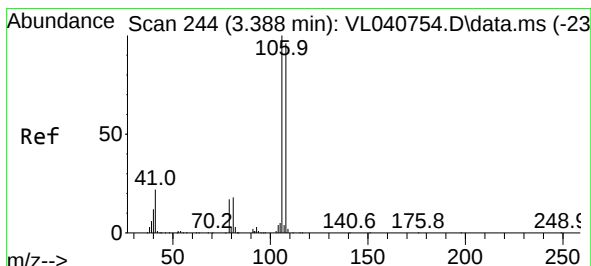
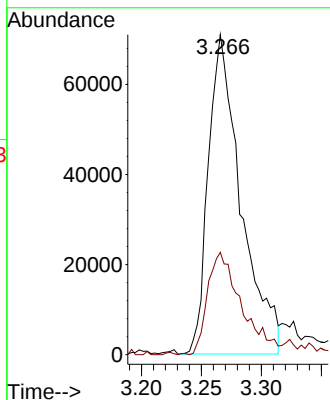
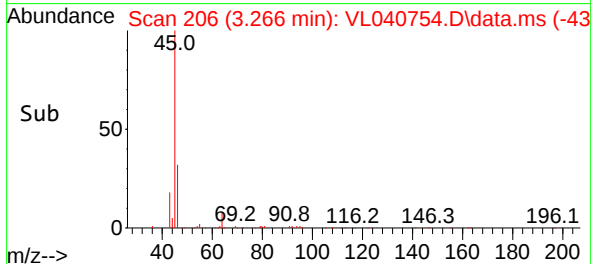
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 45 Resp: 13425
Ion Ratio Lower Upper
45 100
46 36.4 15.2 61.0

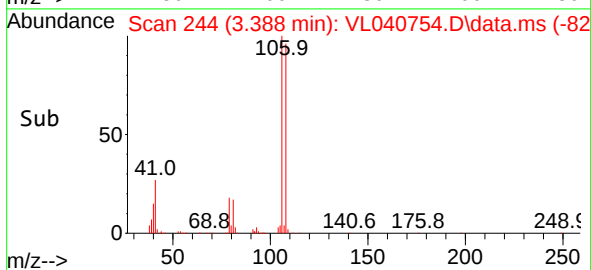
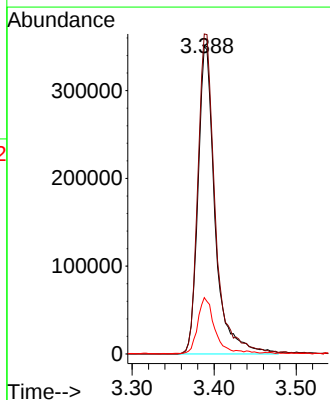
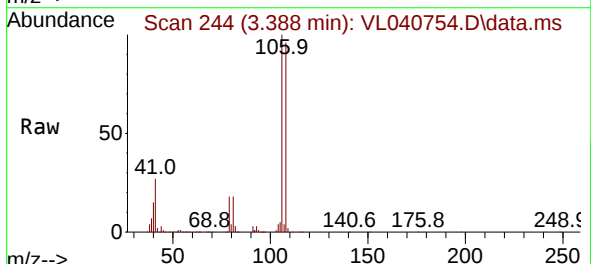
Manual Integrations
APPROVED

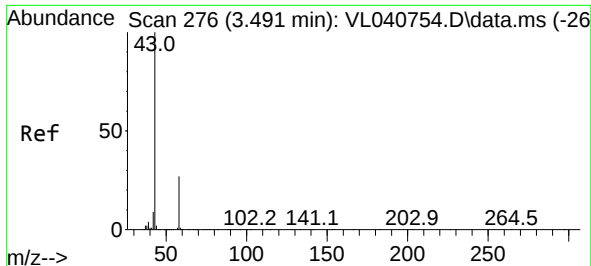
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#14
Bromoethene
Concen: 7.192 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.019 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion:108 Resp: 505868
Ion Ratio Lower Upper
108 100
106 106.5 86.0 129.0
79 19.6 15.6 23.4





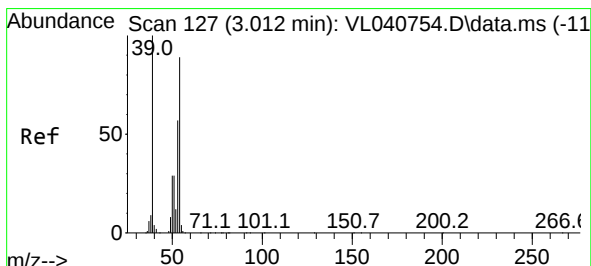
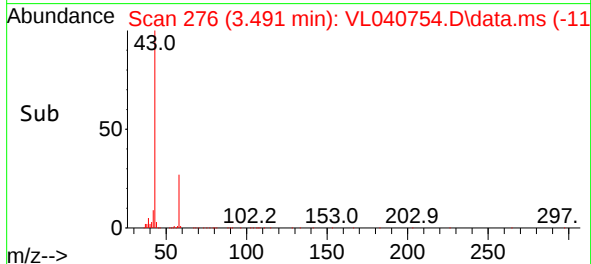
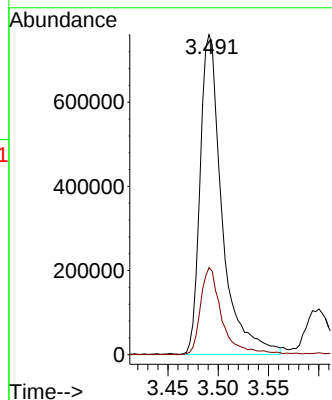
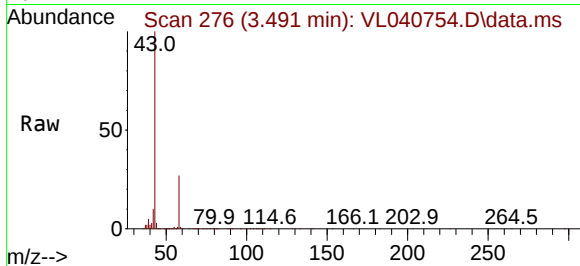
#15
Acetone
Concen: 7.222 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1152910
Ion Ratio Lower Upper
43 100
58 27.0 22.6 34.0

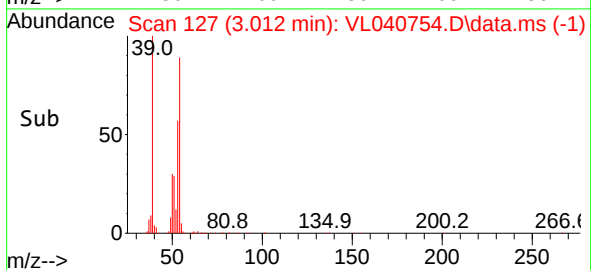
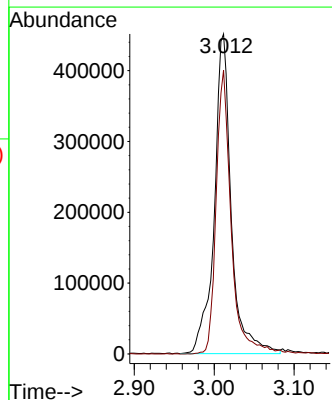
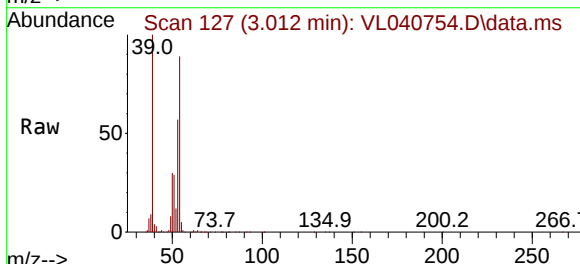
Manual Integrations
APPROVED

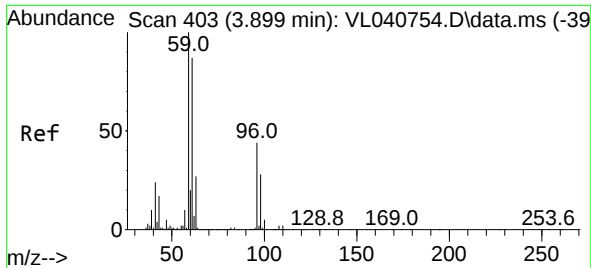
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#16
1,3-Butadiene
Concen: 9.579 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.023 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

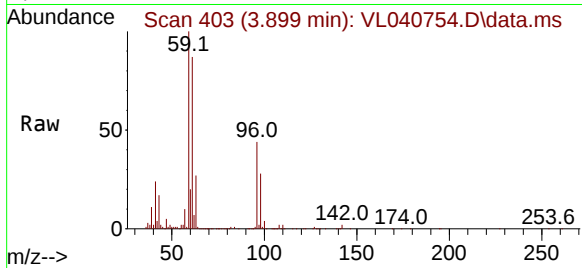
Tgt Ion: 39 Resp: 666445
Ion Ratio Lower Upper
39 100
54 78.8 64.8 97.2





#17
tert-Butyl alcohol
Concen: 8.360 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.016 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

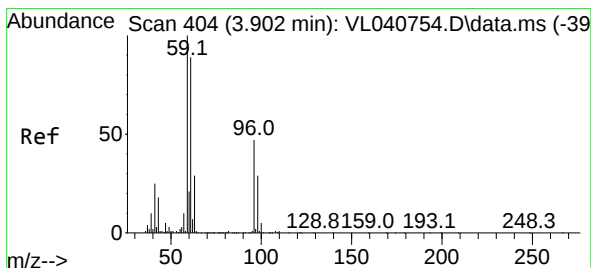
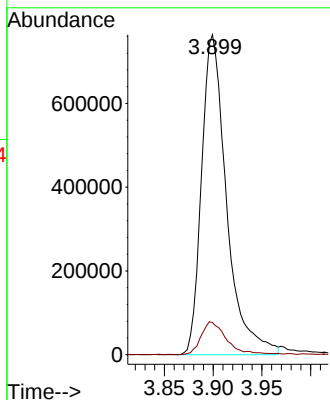
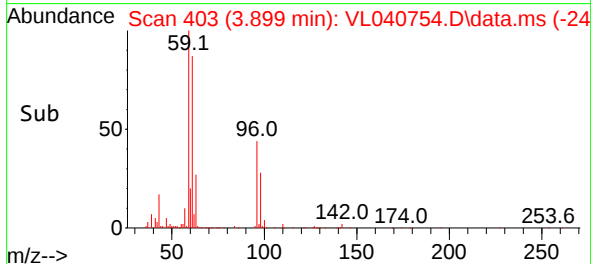
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



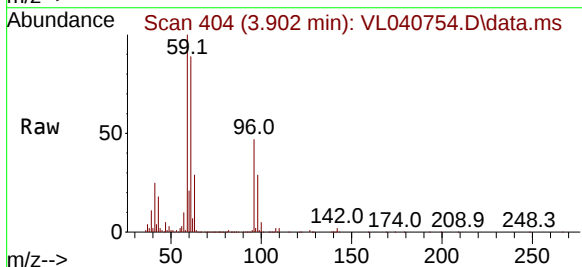
Tgt Ion: 59 Resp: 1367110
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

Manual Integrations
APPROVED

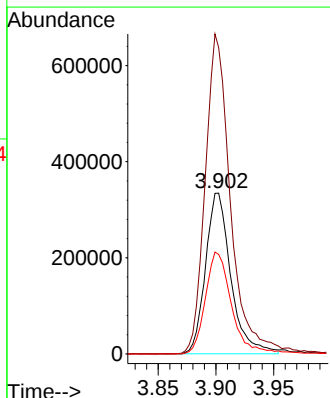
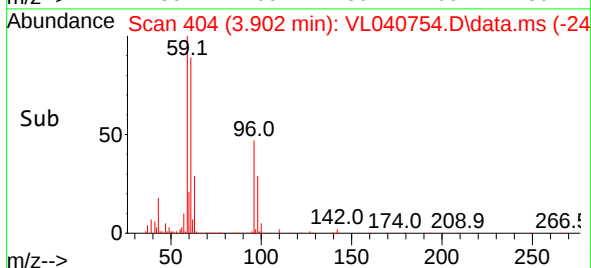
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

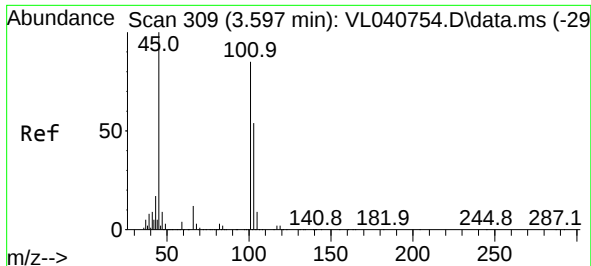


#18
1,1-Dichloroethene
Concen: 6.848 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.019 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00



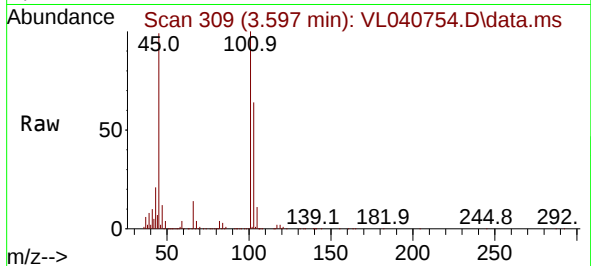
Tgt Ion: 96 Resp: 510381
Ion Ratio Lower Upper
96 100
61 190.6 153.6 230.4
98 62.0 51.9 77.9





#19
Isopropyl Alcohol
Concen: 8.534 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.019 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

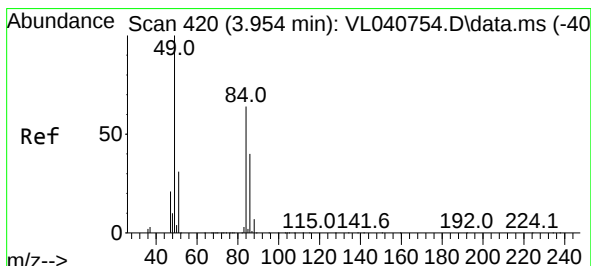
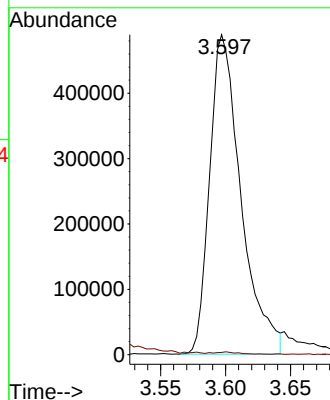
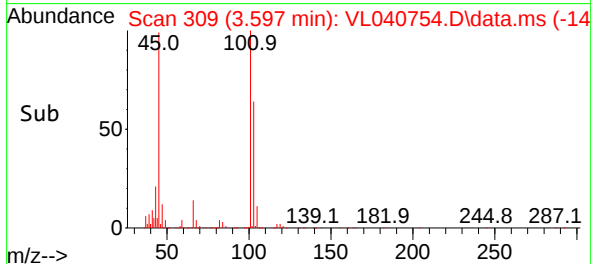
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 45 Resp: 820890
Ion Ratio Lower Upper
45 100
58 37.9 1.9 2.9

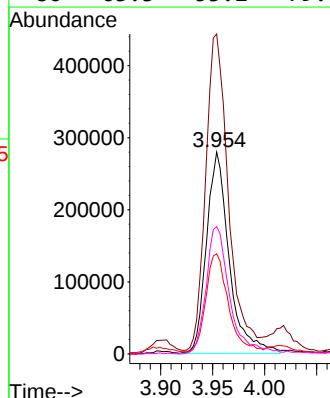
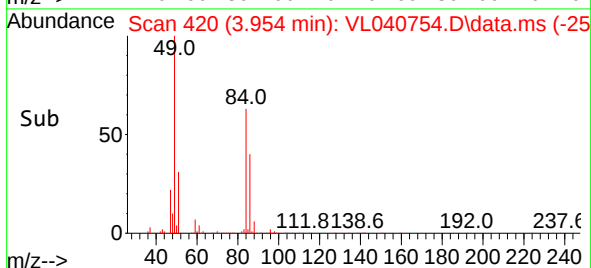
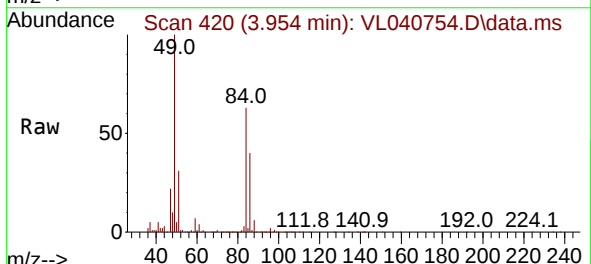
Manual Integrations
APPROVED

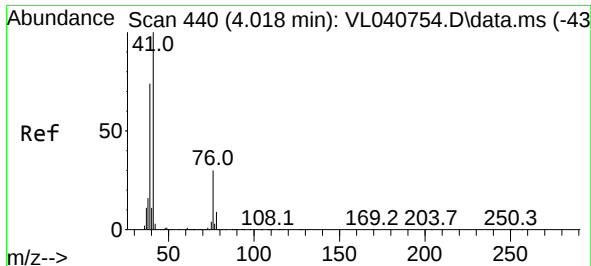
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#20
Methylene Chloride
Concen: 4.933 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.016 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

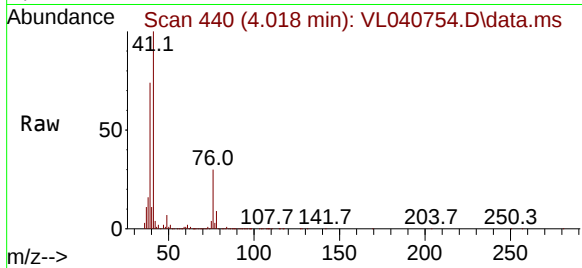
Tgt Ion: 84 Resp: 423830
Ion Ratio Lower Upper
84 100
49 157.0 114.4 171.6
51 48.6 35.5 53.3
86 63.3 53.2 79.8





#21
 Allyl Chloride
 Concen: 8.669 ppbv
 RT: 4.018 min Scan# 440
 Delta R.T. 0.016 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

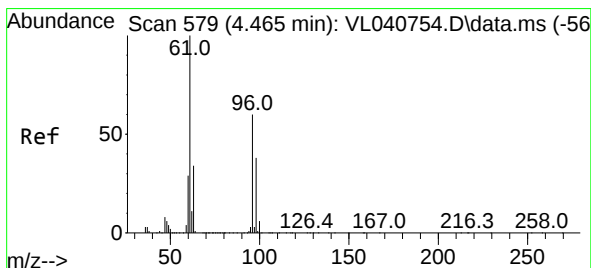
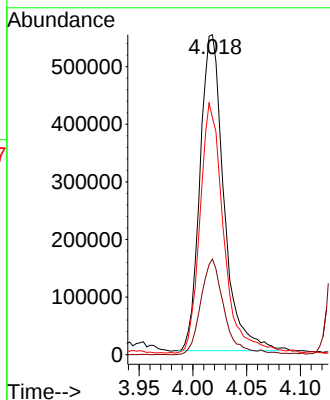
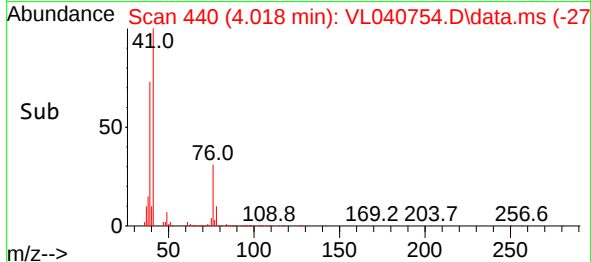
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



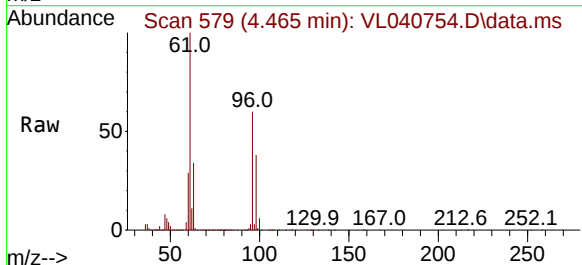
Tgt Ion: 41 Resp: 848154
 Ion Ratio Lower Upper
 41 100
 76 30.1 26.6 40.0
 39 79.7 65.0 97.4

Manual Integrations
 APPROVED

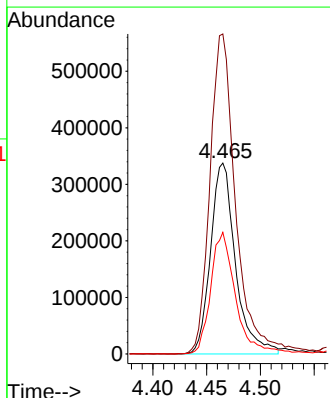
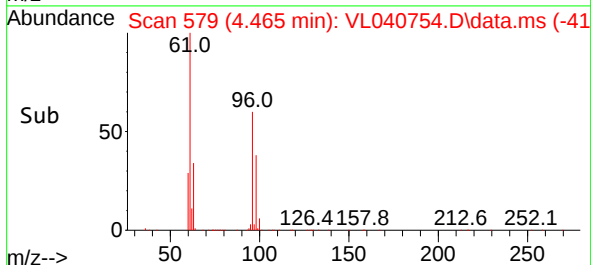
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

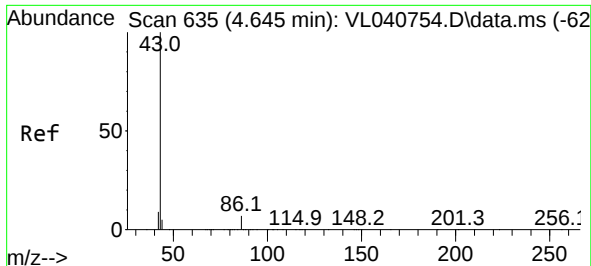


#22
 trans-1,2-Dichloroethene
 Concen: 7.409 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. 0.013 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00



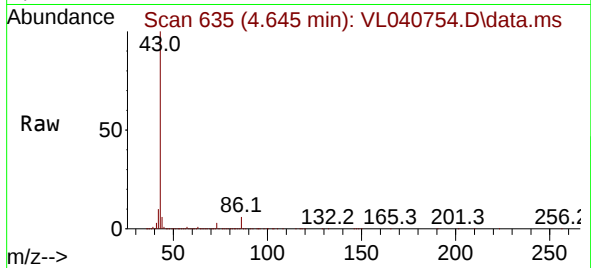
Tgt Ion: 96 Resp: 545993
 Ion Ratio Lower Upper
 96 100
 61 167.5 129.9 194.9
 98 63.7 50.2 75.4





#23
 Vinyl Acetate
 Concen: 9.234 ppbv
 RT: 4.645 min Scan# 615
 Delta R.T. 0.013 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

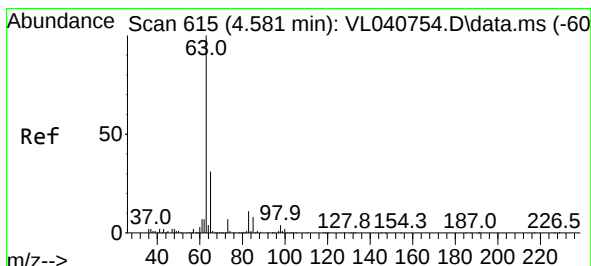
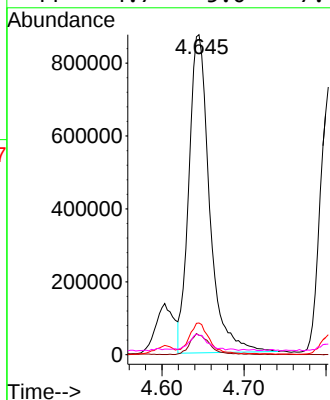
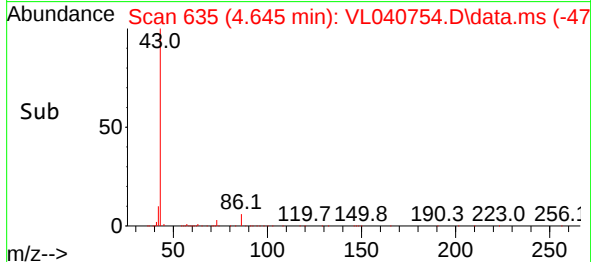
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



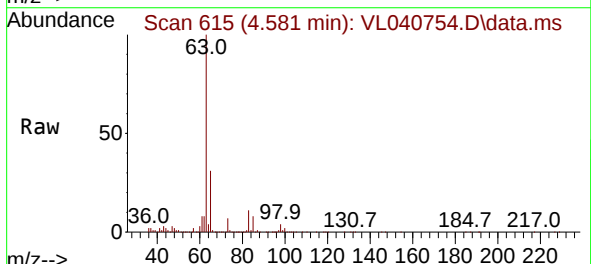
Tgt Ion: 43 Resp: 152443
 Ion Ratio Lower Upper
 43 100
 86 6.1 5.6 8.4
 42 9.7 7.6 11.4
 44 4.7 5.0 7.4#

Manual Integrations
 APPROVED

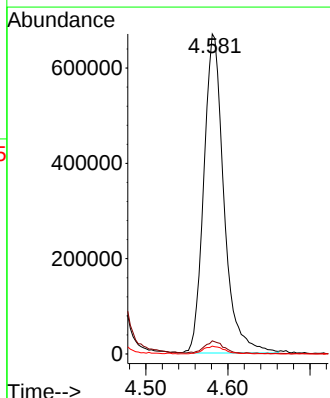
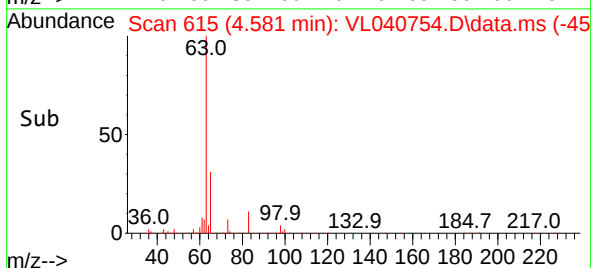
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

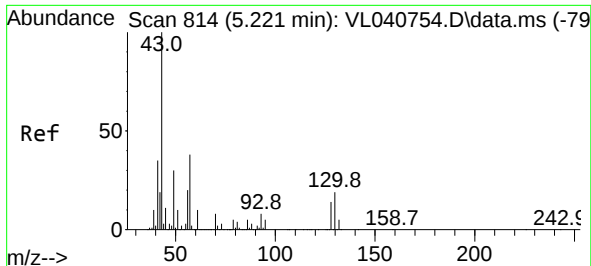


#24
 1,1-Dichloroethane
 Concen: 7.386 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.013 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00



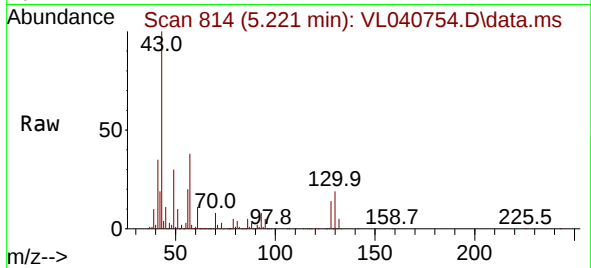
Tgt Ion: 63 Resp: 1141159
 Ion Ratio Lower Upper
 63 100
 98 3.9 1.8 5.5
 100 2.5 1.2 3.6





#25
Ethyl Acetate
Concen: 10.072 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.010 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

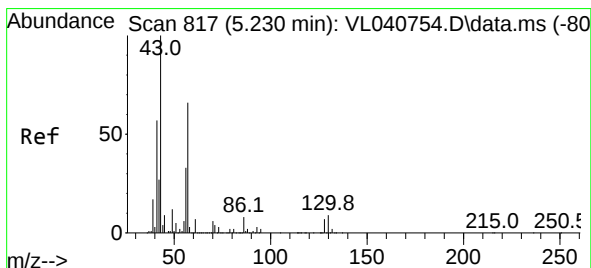
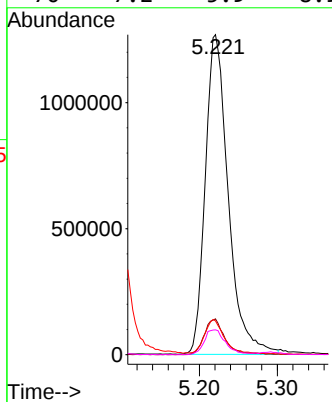
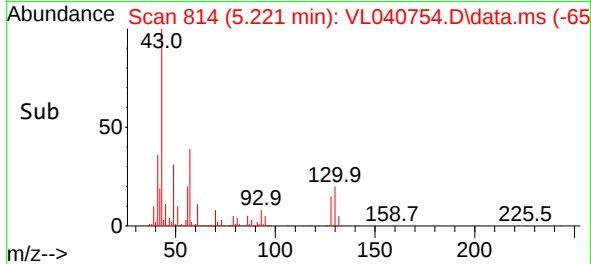
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 2593270
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 10.2 8.2 12.4
70 7.2 5.9 8.9

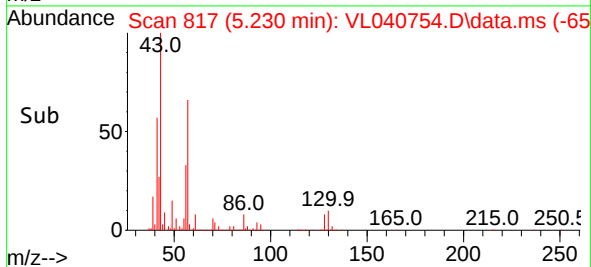
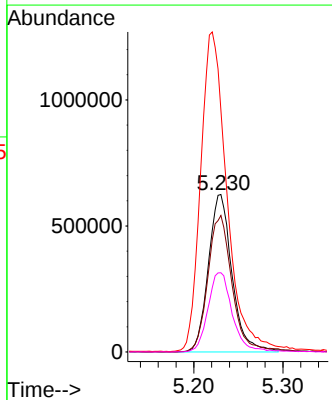
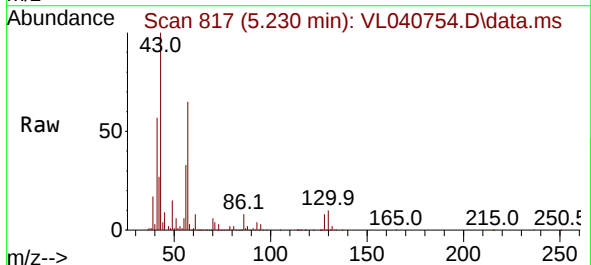
Manual Integrations
APPROVED

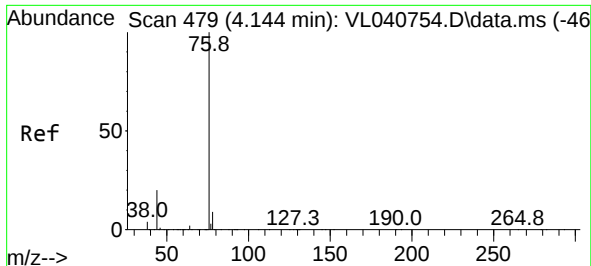
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#26
Hexane
Concen: 9.449 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.010 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

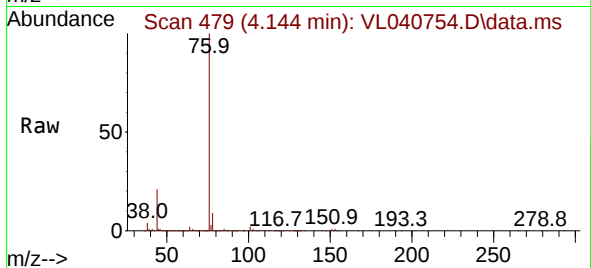
Tgt Ion: 57 Resp: 1150309
Ion Ratio Lower Upper
57 100
41 89.3 75.2 112.8
43 227.9 185.6 278.4
56 52.5 43.8 65.8





#27
Carbon Disulfide
Concen: 8.172 ppbv
RT: 4.144 min Scan# 479
Delta R.T. 0.013 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

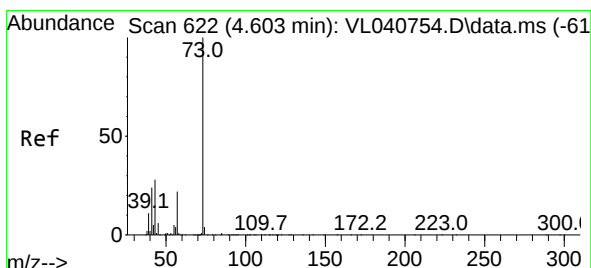
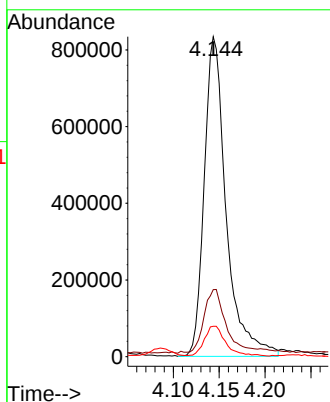
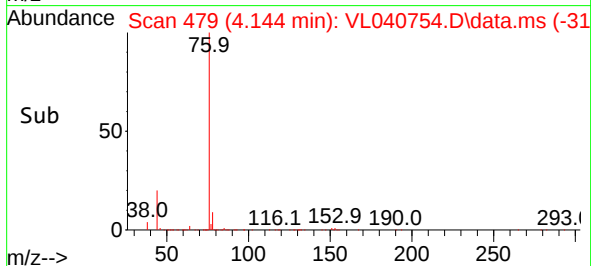
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



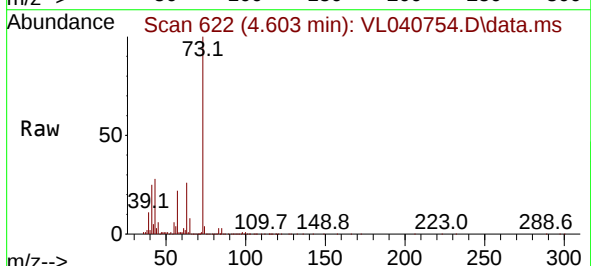
Tgt Ion: 76 Resp: 138747
Ion Ratio Lower Upper
76 100
44 20.8 14.5 21.7
78 9.7 7.7 11.5

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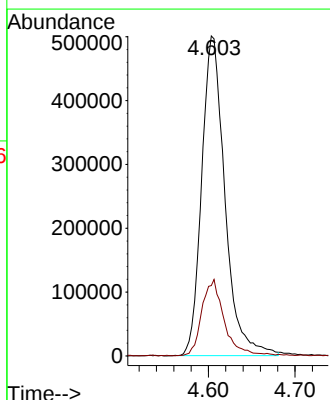
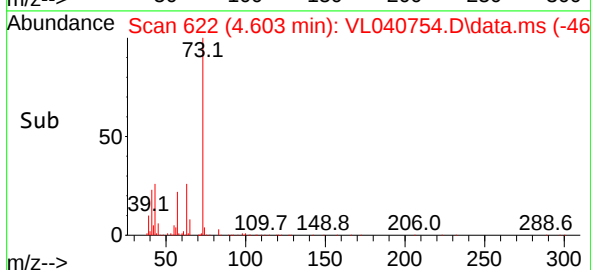
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

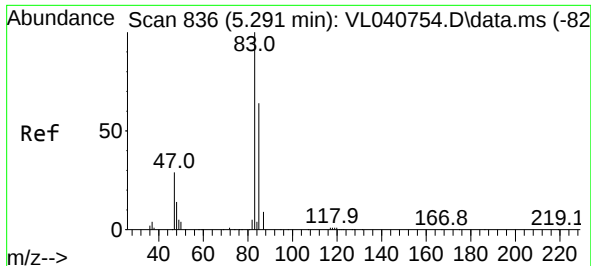


#28
Methyl tert-Butyl Ether
Concen: 8.923 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.013 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00



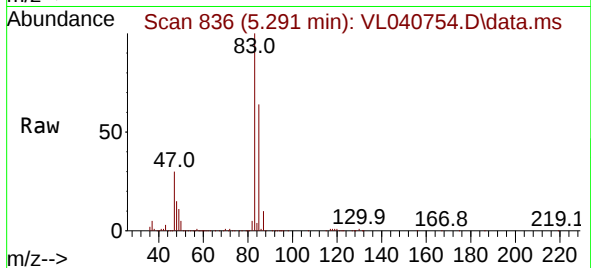
Tgt Ion: 73 Resp: 934634
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2





#29
Chloroform
Concen: 8.105 ppbv
RT: 5.291 min Scan# 836
Delta R.T. 0.010 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

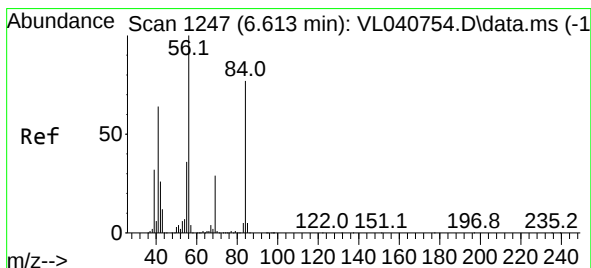
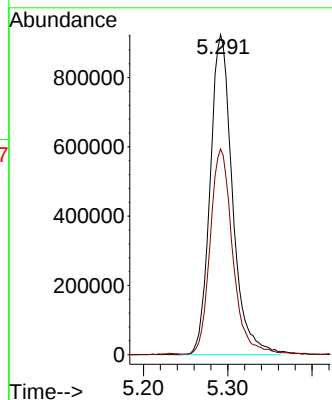
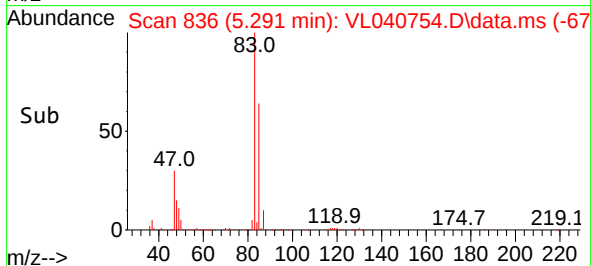
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 1703608
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.8

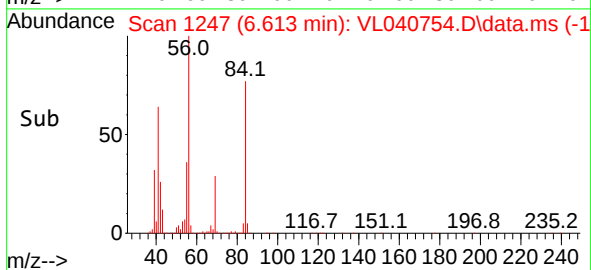
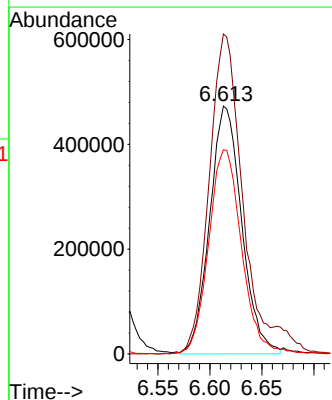
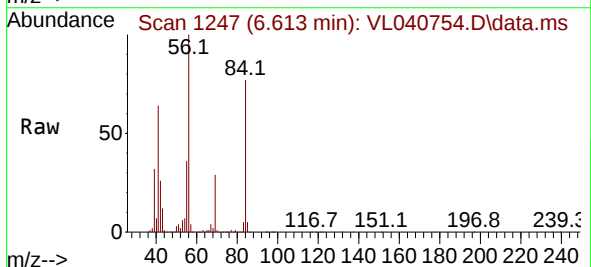
Manual Integrations
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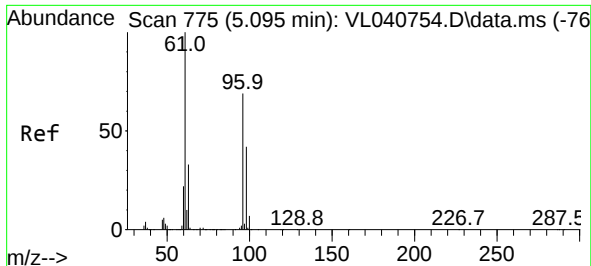
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#30
Cyclohexane
Concen: 11.043 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

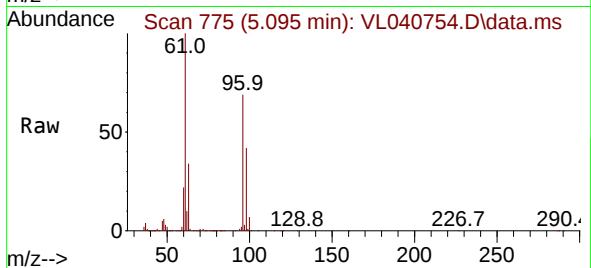
Tgt Ion: 84 Resp: 1012402
Ion Ratio Lower Upper
84 100
56 137.9 103.2 154.8
41 84.3 65.5 98.3





#31
 cis-1,2-Dichloroethene
 Concen: 9.939 ppbv
 RT: 5.095 min Scan# 775
 Delta R.T. 0.010 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

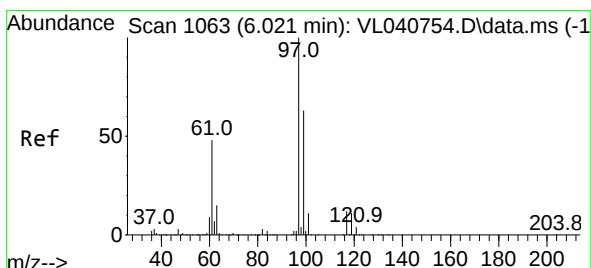
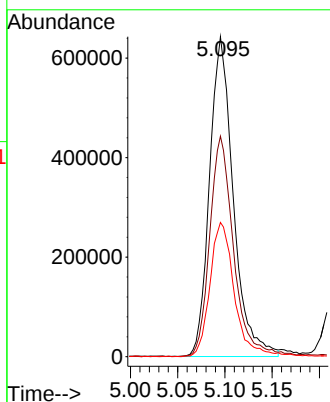
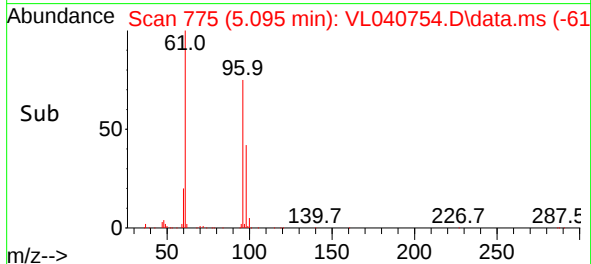
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



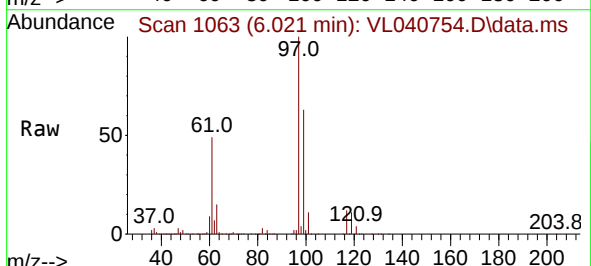
Tgt Ion: 61 Resp: 112265
 Ion Ratio Lower Upper
 61 100
 96 68.9 51.2 76.8
 98 41.9 32.3 48.5

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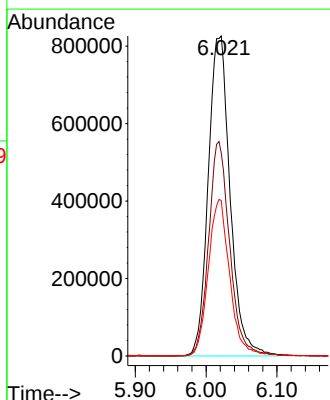
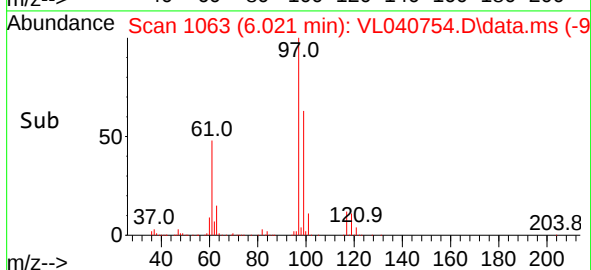
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

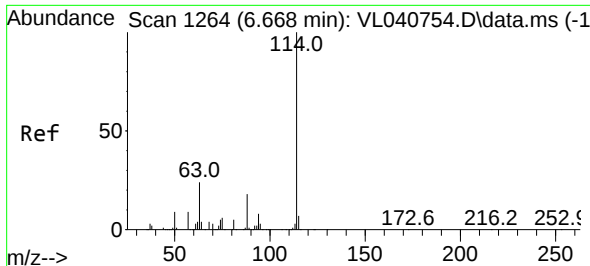


#32
 1,1,1-Trichloroethane
 Concen: 8.248 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.010 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00



Tgt Ion: 97 Resp: 1772450
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.4 78.6
 61 48.3 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 3283429

Ion Ratio Lower Upper

114 100

63 24.7 21.1 31.7

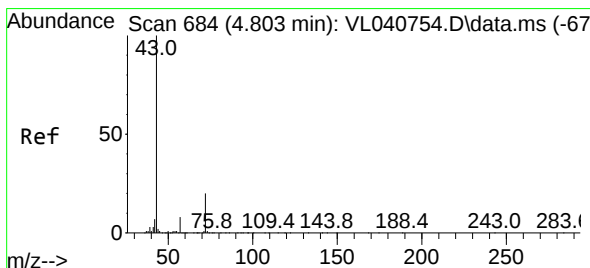
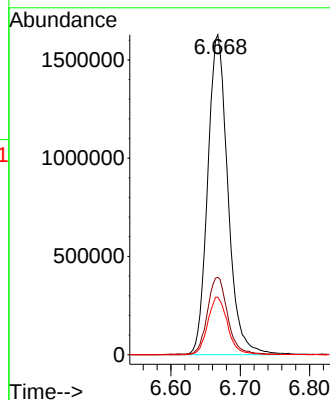
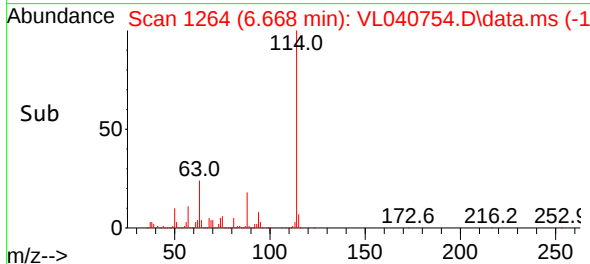
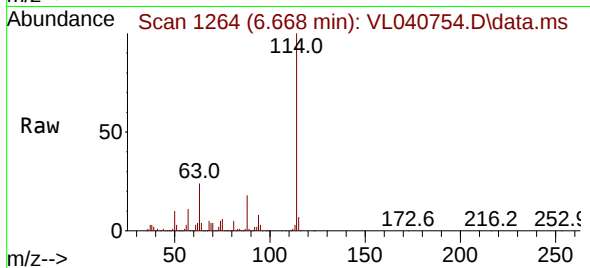
88 17.7 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#34

2-Butanone

Concen: 7.721 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.013 min

Lab File: VL040754.D

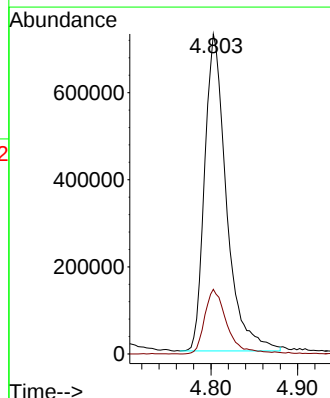
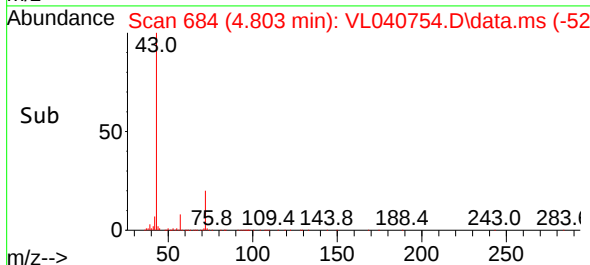
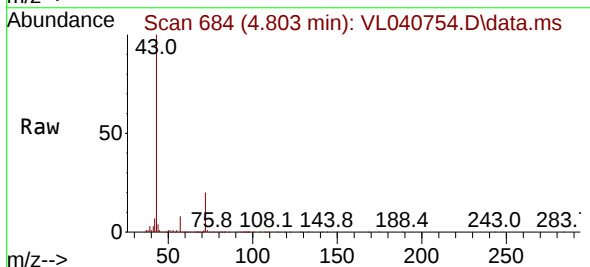
Acq: 11 Oct 2023 12:00

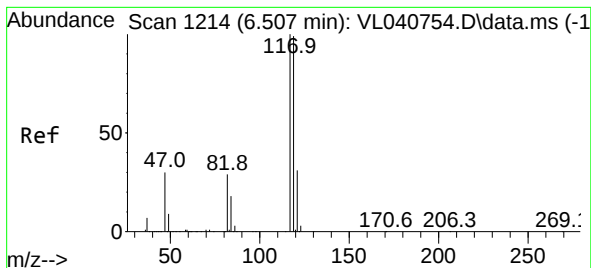
Tgt Ion: 43 Resp: 1274933

Ion Ratio Lower Upper

43 100

72 21.0 18.6 27.8





#35

Carbon Tetrachloride

Concen: 8.091 ppbv

RT: 6.507 min Scan# 117

Delta R.T. 0.003 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 117 Resp: 182414

Ion Ratio Lower Upper

117 100

119 99.2 78.6 117.8

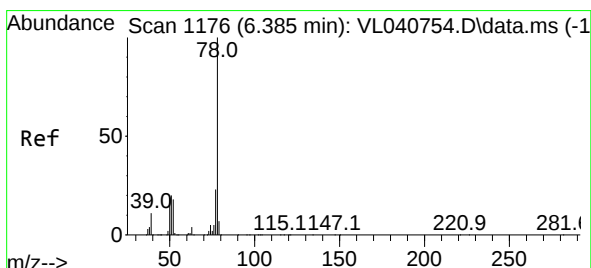
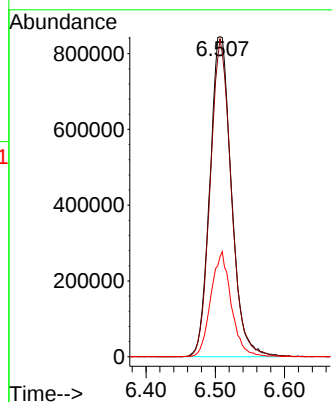
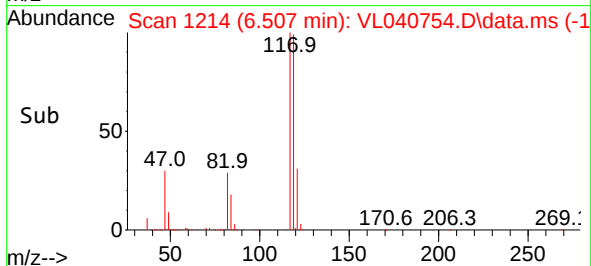
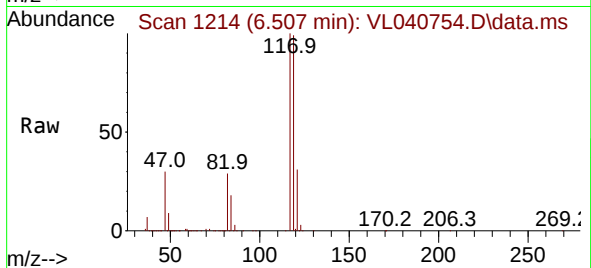
121 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#36

Benzene

Concen: 10.190 ppbv

RT: 6.385 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

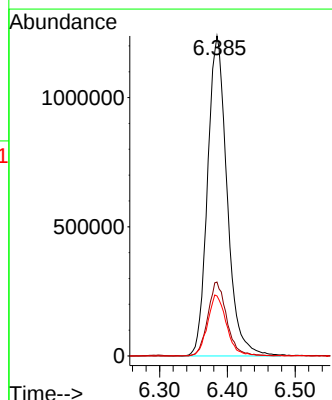
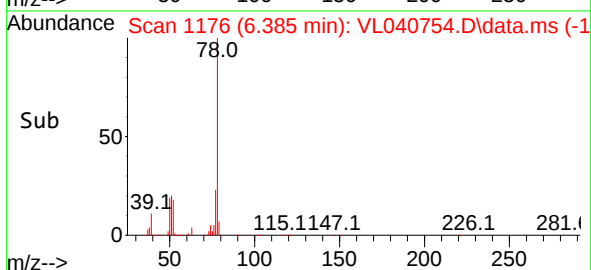
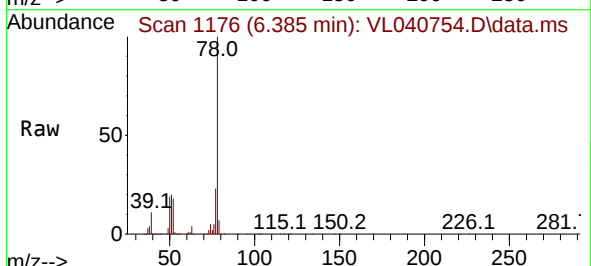
Tgt Ion: 78 Resp: 2477672

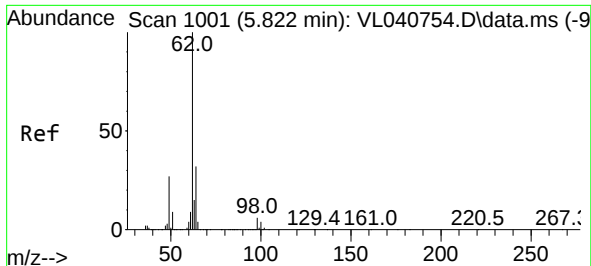
Ion Ratio Lower Upper

78 100

77 23.0 17.9 26.9

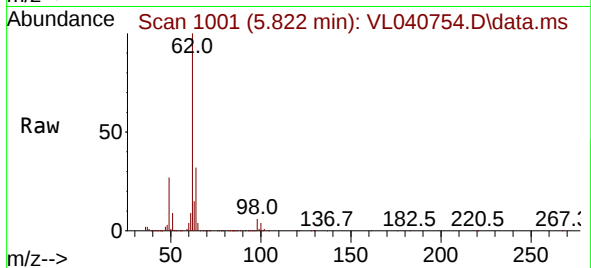
50 18.7 17.3 25.9





#37
1,2-Dichloroethane
Concen: 7.856 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

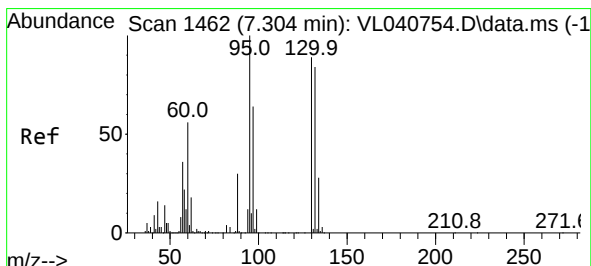
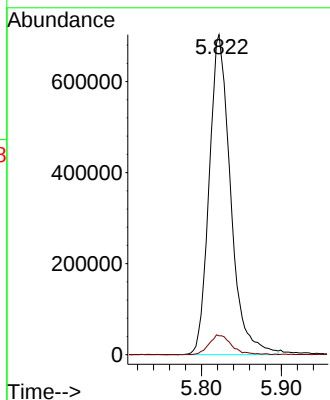
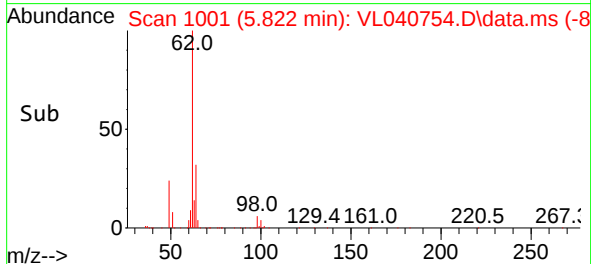
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 62 Resp: 1307330
Ion Ratio Lower Upper
62 100
98 6.7 4.2 6.4

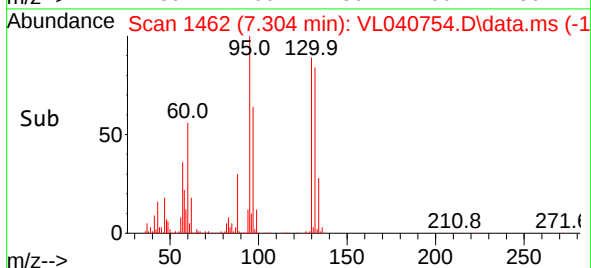
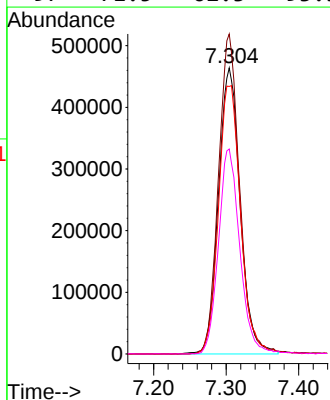
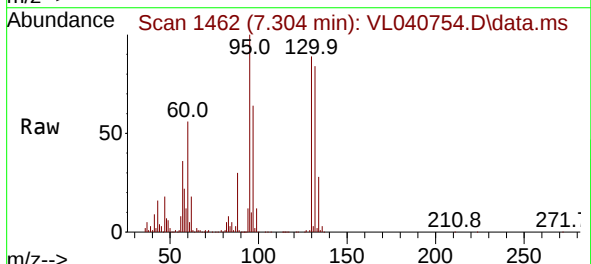
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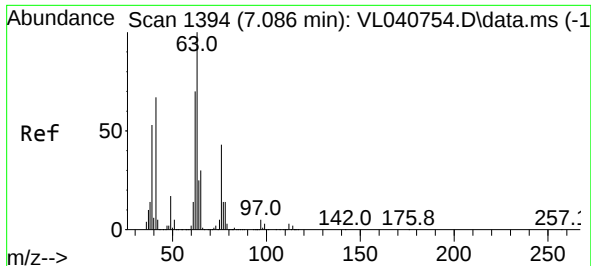
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#38
Trichloroethene
Concen: 10.419 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion:130 Resp: 966096
Ion Ratio Lower Upper
130 100
95 111.8 91.9 137.9
132 93.5 77.3 115.9
97 71.5 62.3 93.5





#39

1,2-Dichloropropane

Concen: 10.430 ppbv

RT: 7.086 min Scan# 1394

Delta R.T. 0.003 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

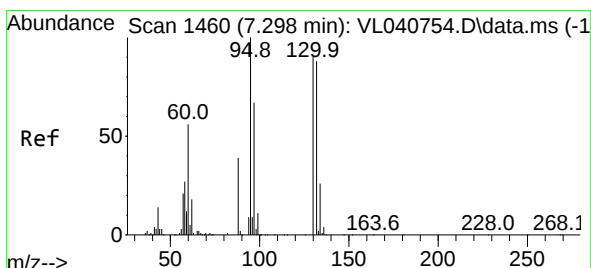
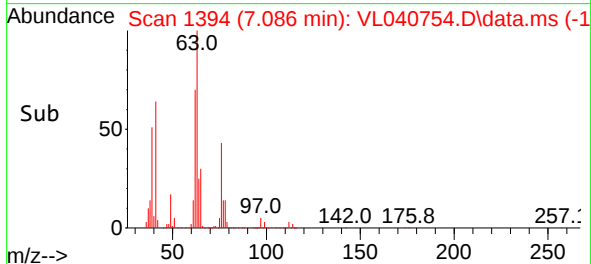
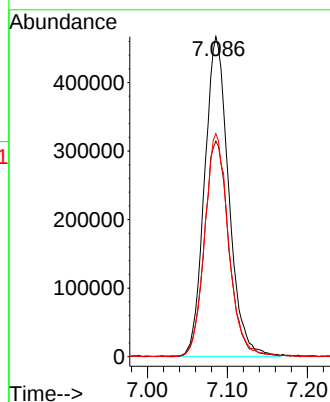
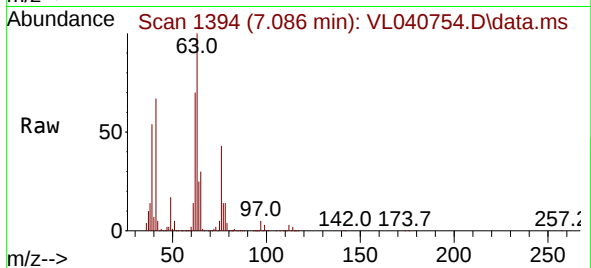
Tgt Ion: 63 Resp: 97610

Ion	Ratio	Lower	Upper
63	100		
41	67.1	61.6	92.4
62	69.6	55.8	83.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#40

1,4-Dioxane

Concen: 10.607 ppbv

RT: 7.298 min Scan# 1460

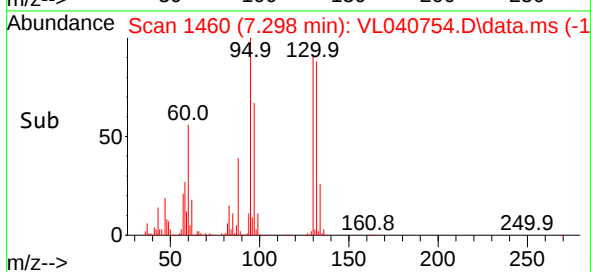
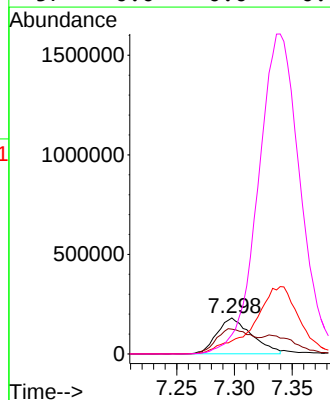
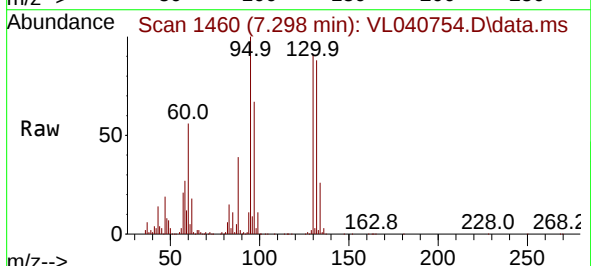
Delta R.T. 0.003 min

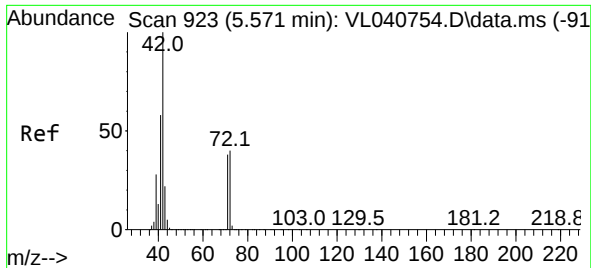
Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Tgt Ion: 88 Resp: 375291

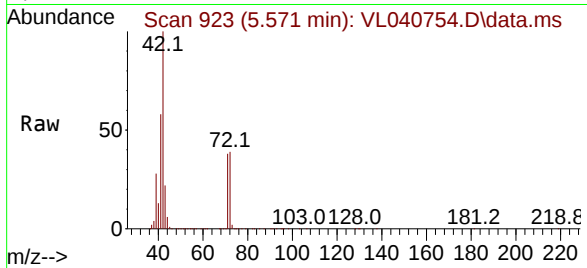
Ion	Ratio	Lower	Upper
88	100		
58	125.0	92.7	139.1
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 12.411 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

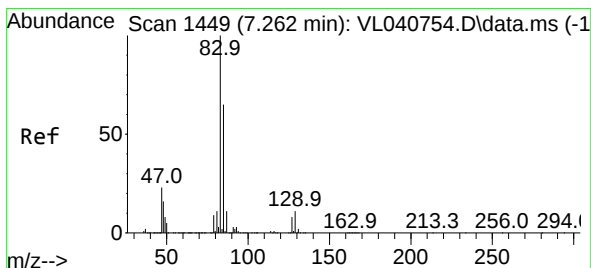
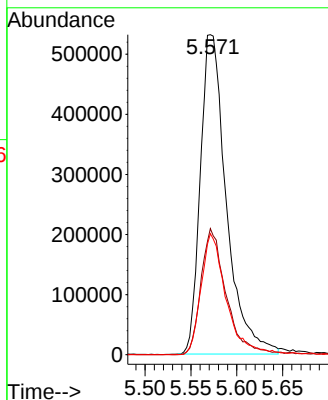
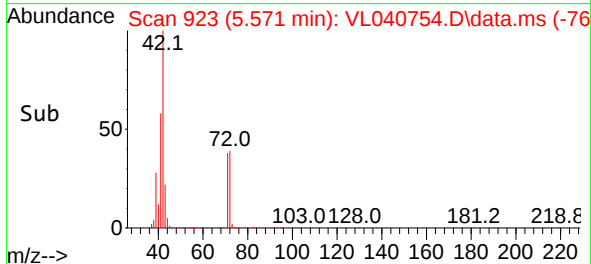
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



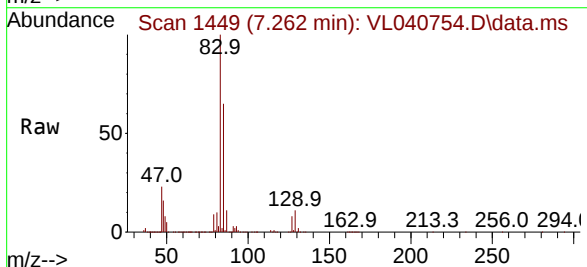
Tgt Ion: 42 Resp: 1050889
Ion Ratio Lower Upper
42 100
72 38.9 34.9 52.3
71 37.1 33.8 50.8

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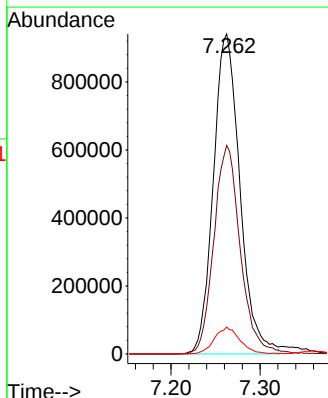
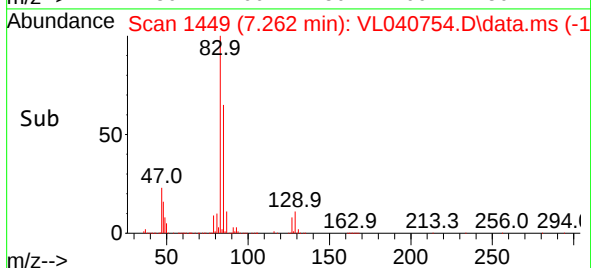
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

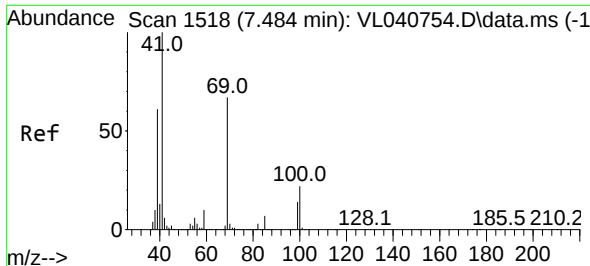


#42
Bromodichloromethane
Concen: 8.564 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00



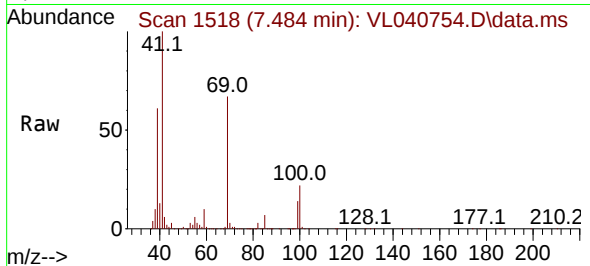
Tgt Ion: 83 Resp: 1944437
Ion Ratio Lower Upper
83 100
85 65.1 51.2 76.8
127 8.4 6.2 9.4





#43
Methyl Methacrylate
Concen: 11.367 ppbv
RT: 7.484 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

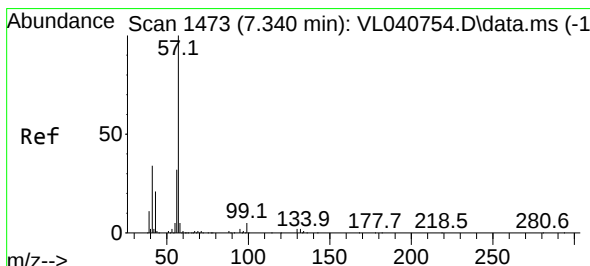
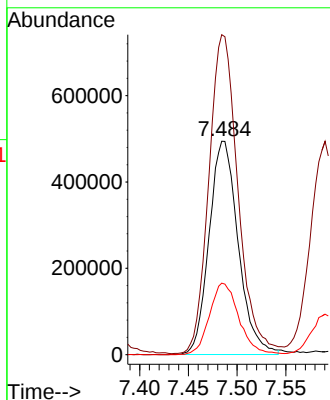
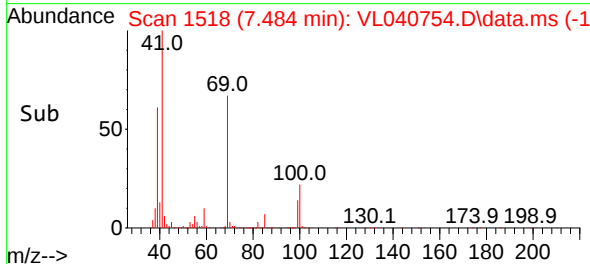
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 69 Resp: 102732
Ion Ratio Lower Upper
69 100
41 150.8 113.8 170.8
100 33.9 25.4 38.0

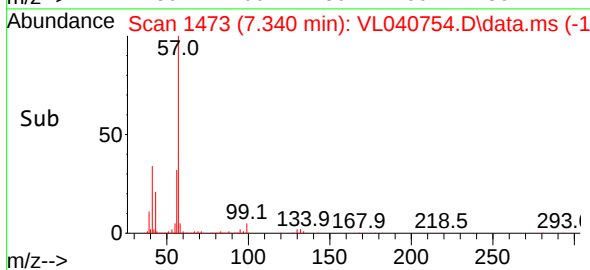
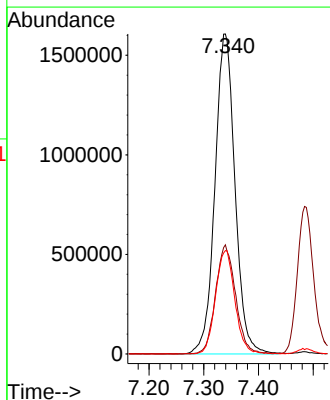
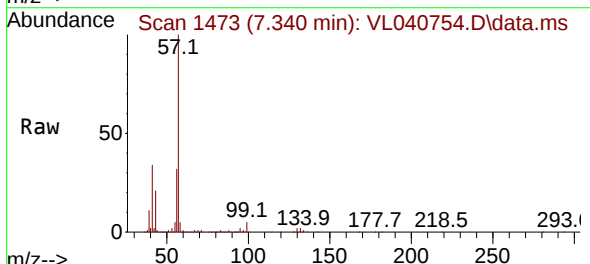
Manual Integrations
APPROVED

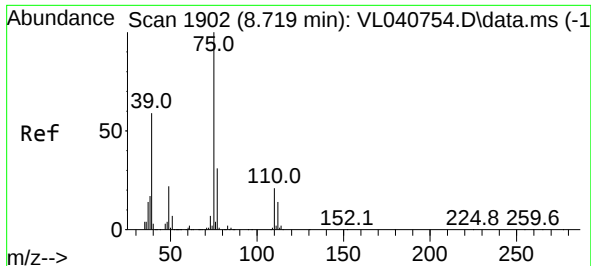
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#44
2,2,4-Trimethylpentane
Concen: 10.573 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 57 Resp: 4093080
Ion Ratio Lower Upper
57 100
41 34.2 28.5 42.7
56 31.3 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 12.809 ppbv

RT: 8.719 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 897644

Ion Ratio Lower Upper

75 100

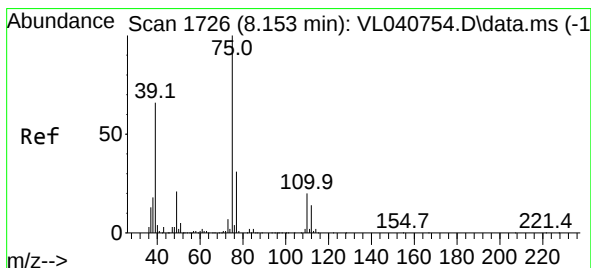
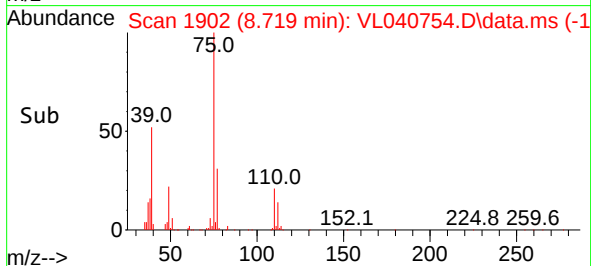
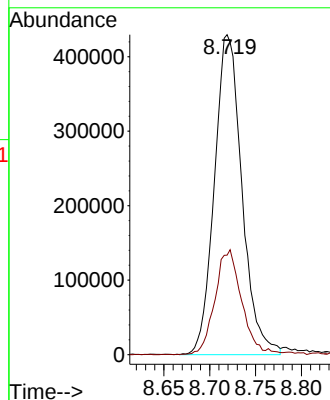
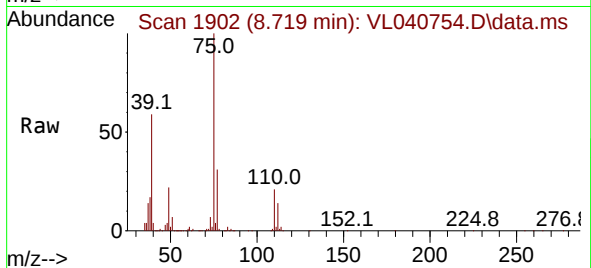
77 31.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#46

cis-1,3-Dichloropropene

Concen: 12.079 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. 0.003 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

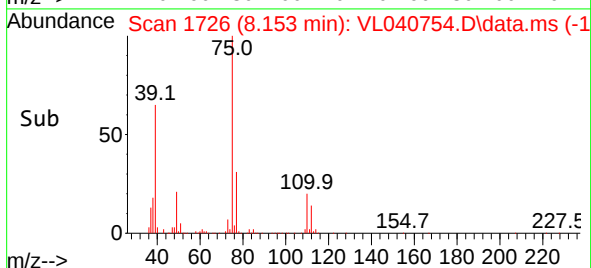
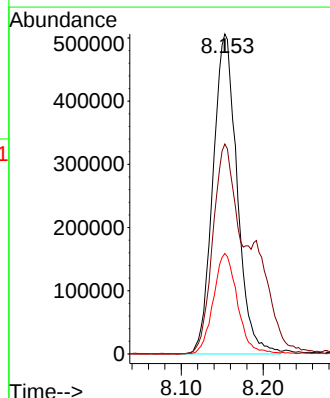
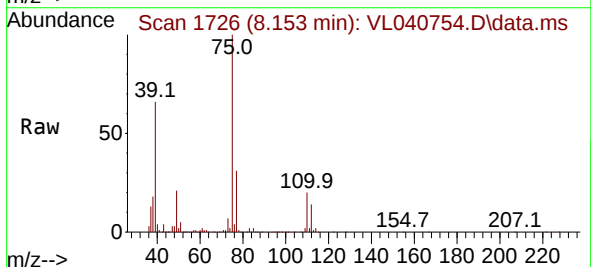
Tgt Ion: 75 Resp: 1035668

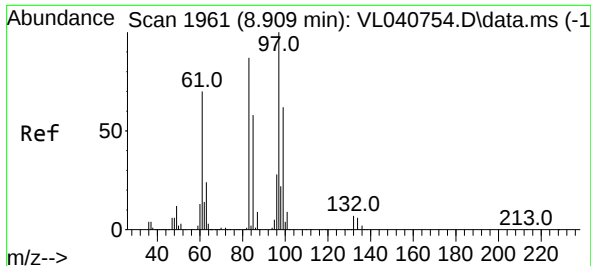
Ion Ratio Lower Upper

75 100

39 65.5 54.0 81.0

77 31.4 23.6 35.4





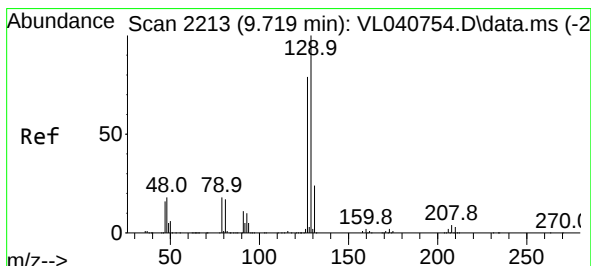
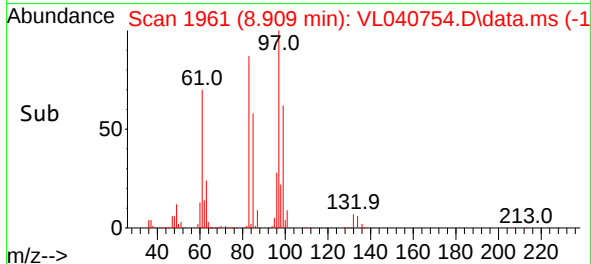
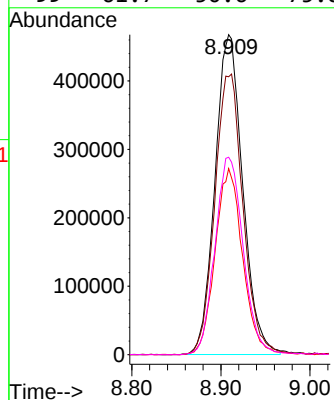
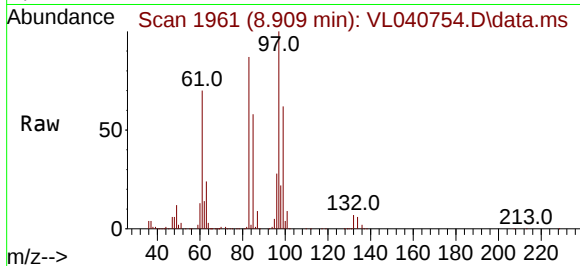
#47
1,1,2-Trichloroethane
Concen: 9.421 ppbv
RT: 8.909 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 1011919
Ion Ratio Lower Upper
97 100
83 86.9 70.8 106.2
85 58.2 45.7 68.5
99 61.7 50.6 75.8

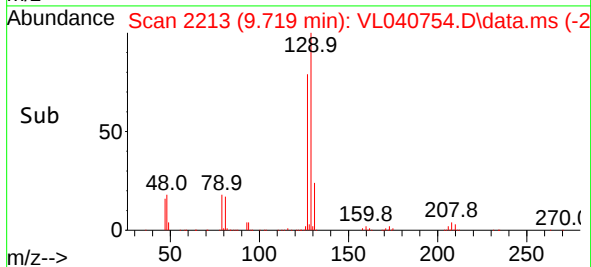
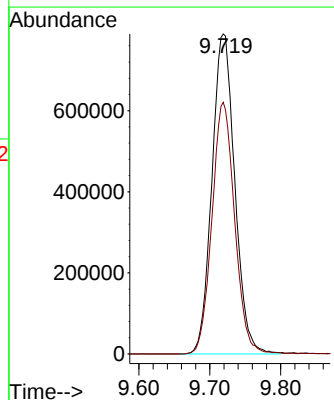
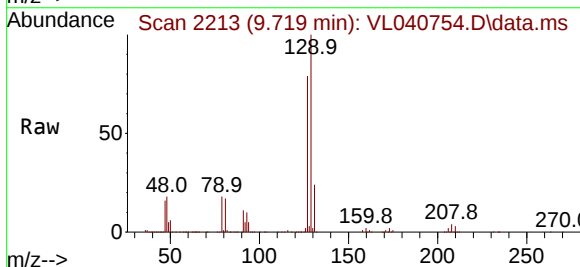
Manual Integrations
APPROVED

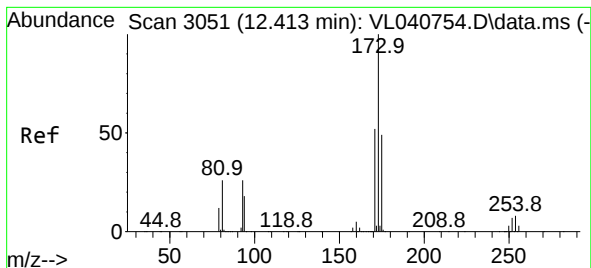
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#48
Dibromochloromethane
Concen: 9.991 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion:129 Resp: 1770212
Ion Ratio Lower Upper
129 100
127 78.2 39.4 118.2





#49

Bromoform

Concen: 10.440 ppbv

RT: 12.413 min Scan# 3051

Delta R.T. -0.006 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:173 Resp: 151919

Ion Ratio Lower Upper

173 100

175 49.0 38.8 58.2

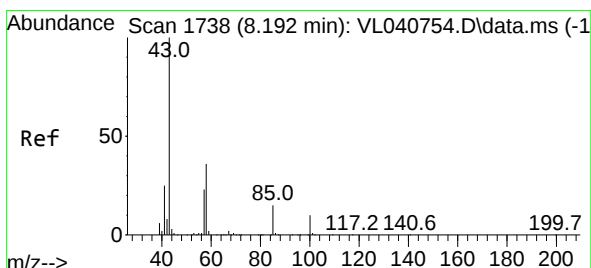
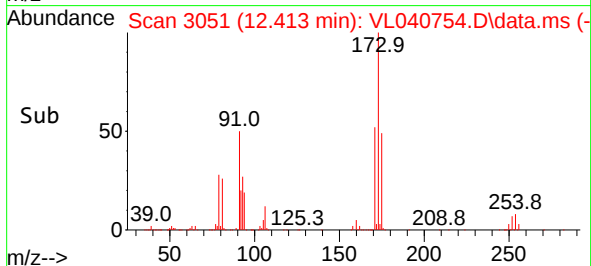
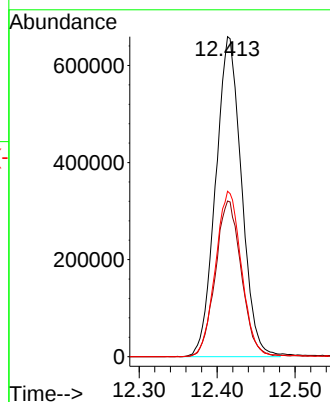
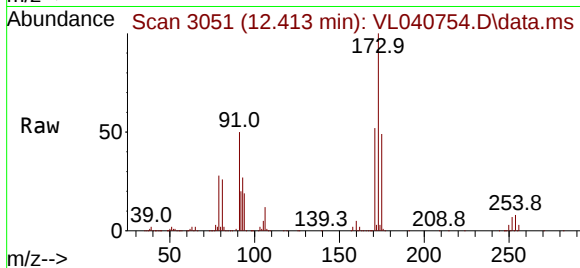
171 52.5 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#50

4-Methyl-2-Pentanone

Concen: 11.397 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. 0.000 min

Lab File: VL040754.D

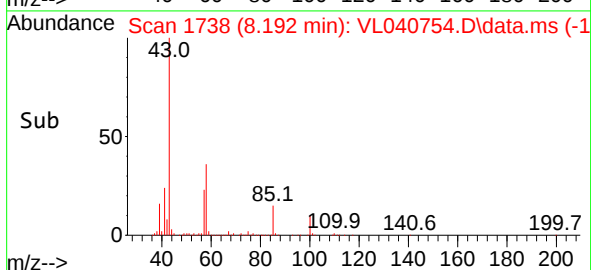
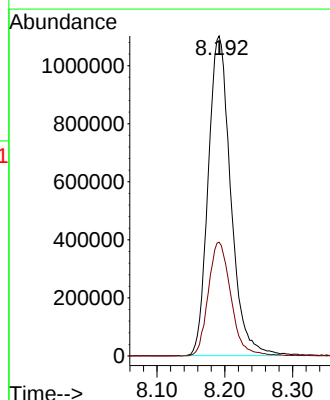
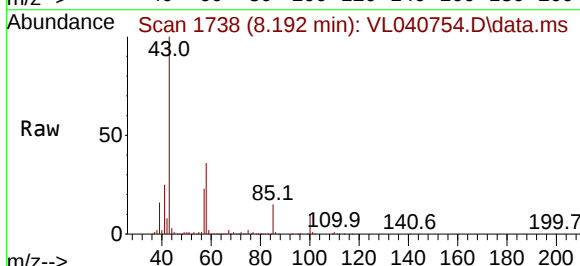
Acq: 11 Oct 2023 12:00

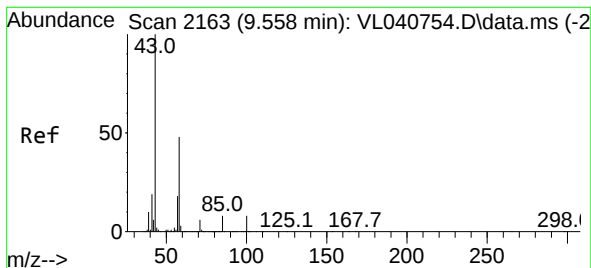
Tgt Ion: 43 Resp: 2543008

Ion Ratio Lower Upper

43 100

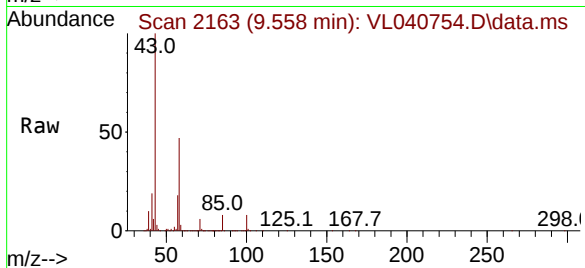
58 36.0 28.2 42.4





#51
2-Hexanone
Concen: 12.728 ppbv
RT: 9.558 min Scan# 2163
Delta R.T. 0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

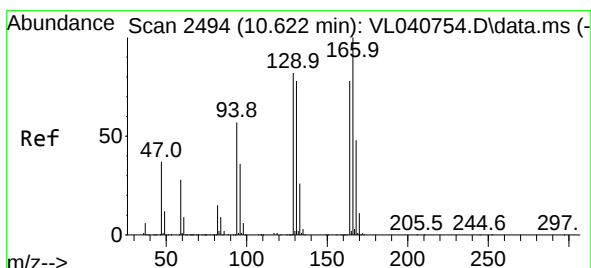
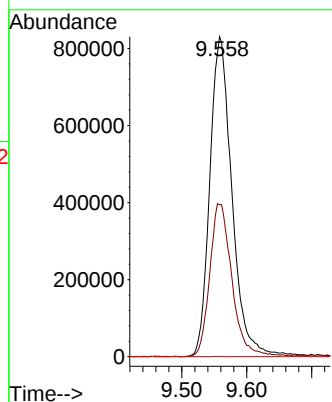
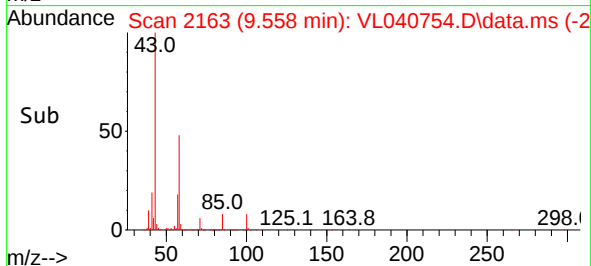
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 196018
Ion Ratio Lower Upper
43 100
58 48.3 37.6 56.4
98 0.0 0.6 1.0

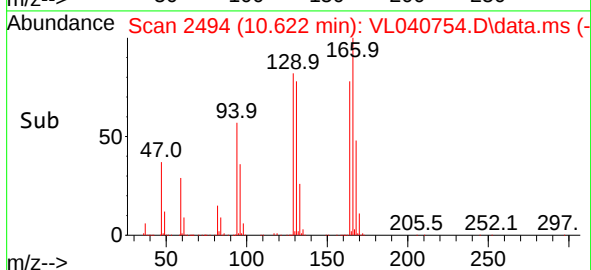
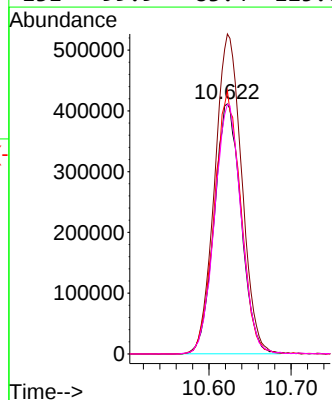
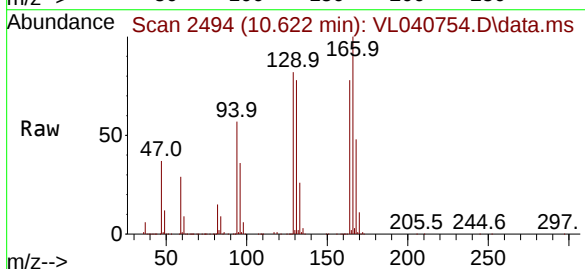
Manual Integrations
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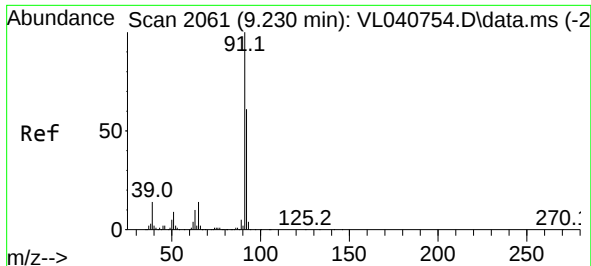
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#52
Tetrachloroethene
Concen: 11.781 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

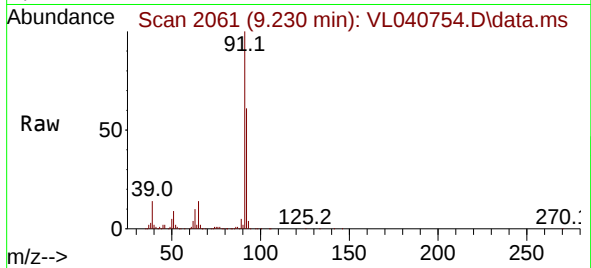
Tgt Ion:164 Resp: 934367
Ion Ratio Lower Upper
164 100
166 128.0 103.4 155.2
129 105.3 83.5 125.3
131 99.9 83.4 125.0





#53
Toluene
Concen: 11.183 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

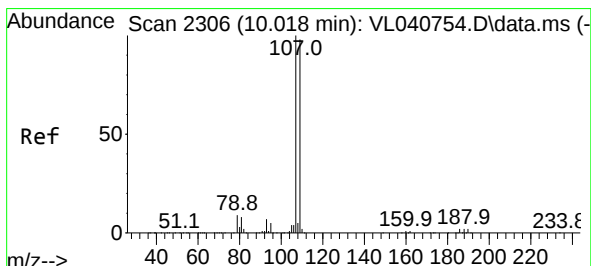
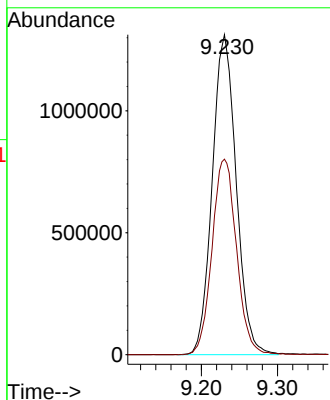
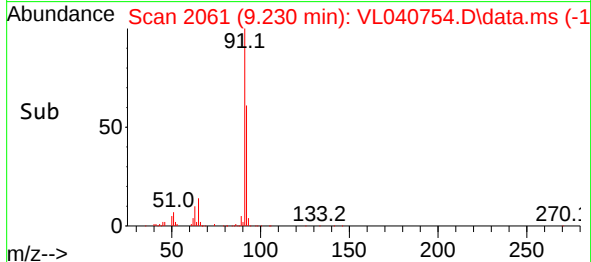
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



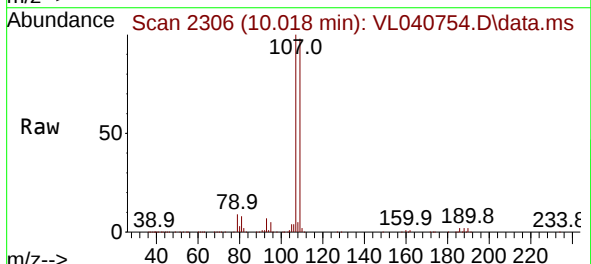
Tgt Ion: 91 Resp: 2870594
Ion Ratio Lower Upper
91 100
92 62.7 48.5 72.7

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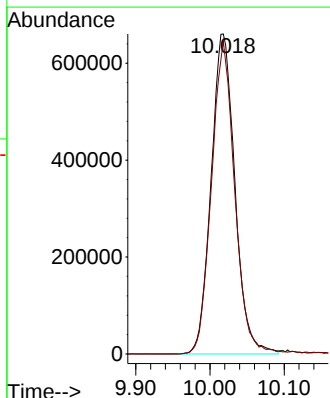
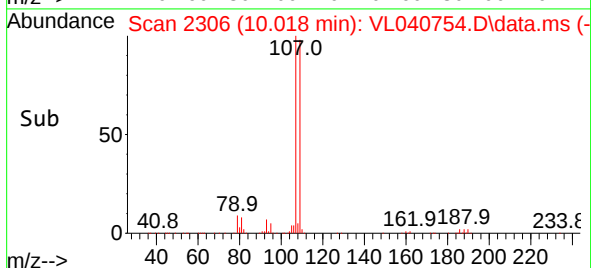
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

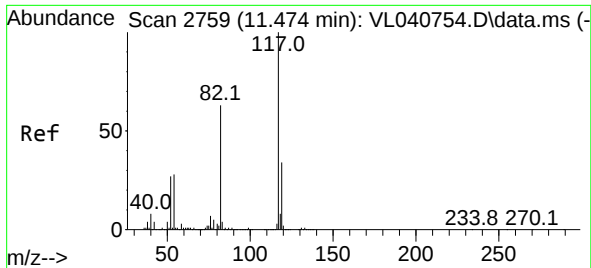


#54
1,2-Dibromoethane
Concen: 10.731 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00



Tgt Ion:107 Resp: 1471159
Ion Ratio Lower Upper
107 100
109 97.7 72.4 108.6





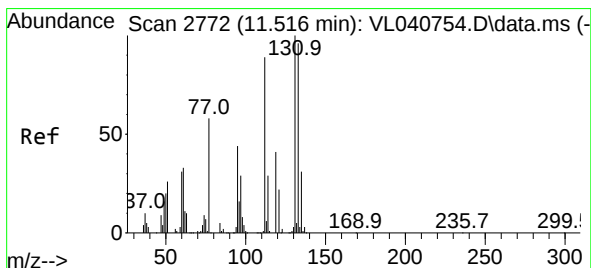
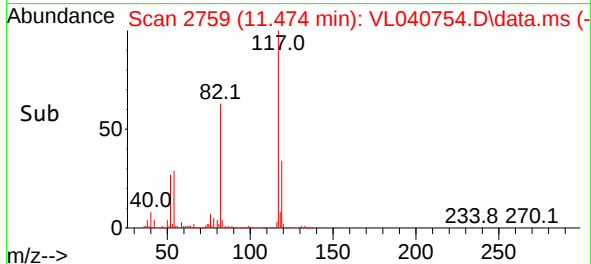
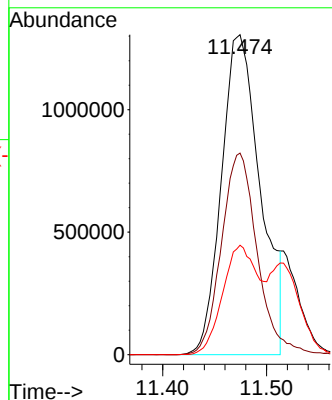
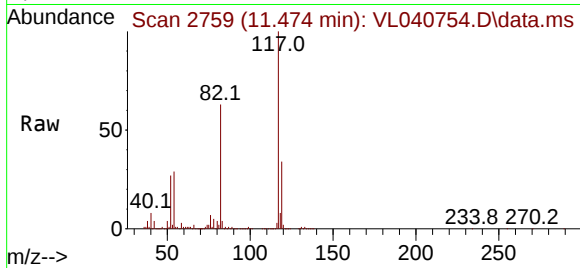
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 3402040
Ion Ratio Lower Upper
117 100
82 58.3 51.4 77.0
119 32.5 24.7 37.1

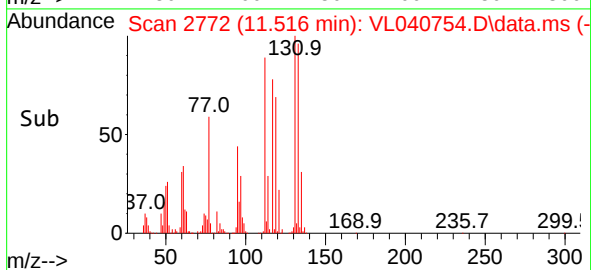
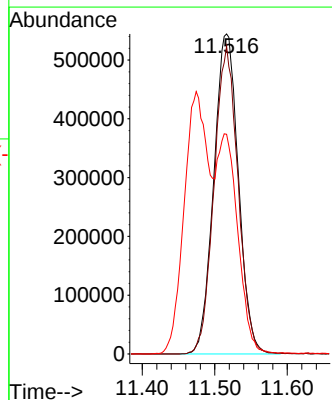
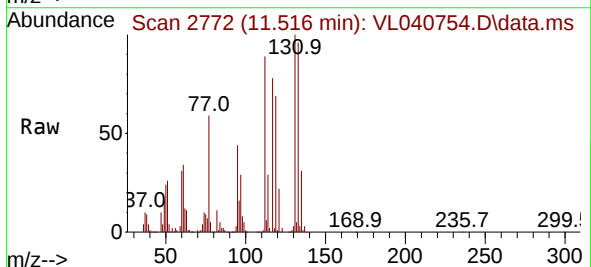
Manual Integrations
APPROVED

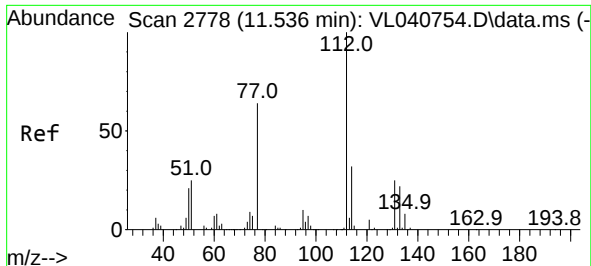
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 7.916 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

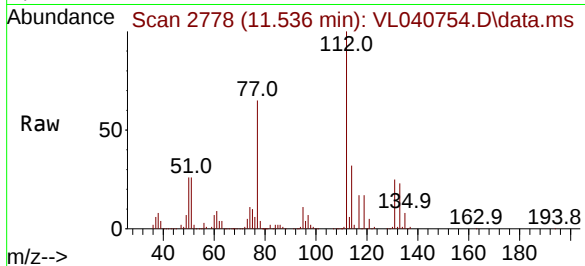
Tgt Ion:131 Resp: 1283736
Ion Ratio Lower Upper
131 100
133 93.8 76.2 114.2
119 56.7 45.5 68.3





#57
Chlorobenzene
Concen: 8.516 ppbv
RT: 11.536 min Scan# 2778
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

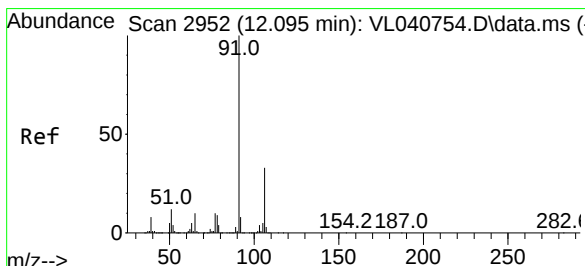
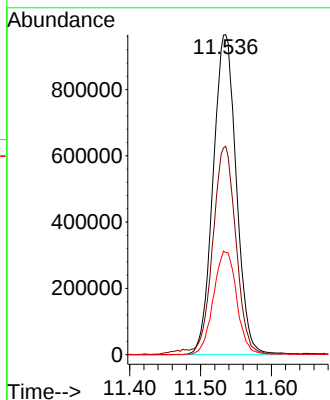
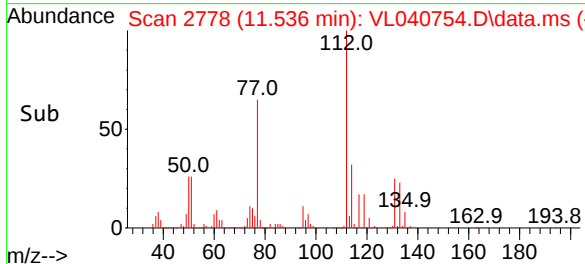
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



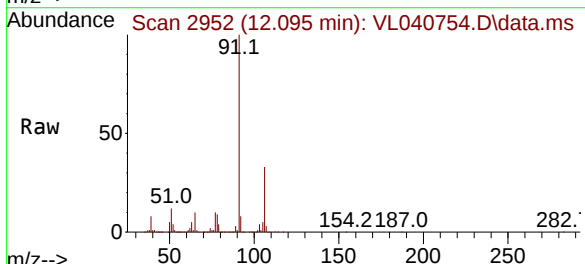
Tgt Ion: 112 Resp: 219392
Ion Ratio Lower Upper
112 100
77 64.9 50.8 76.2
114 31.8 28.2 34.4

Manual Integrations
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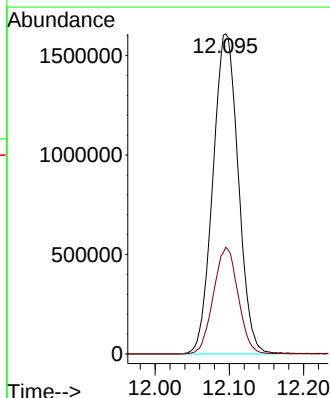
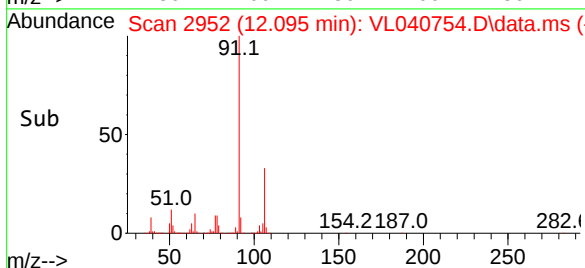
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

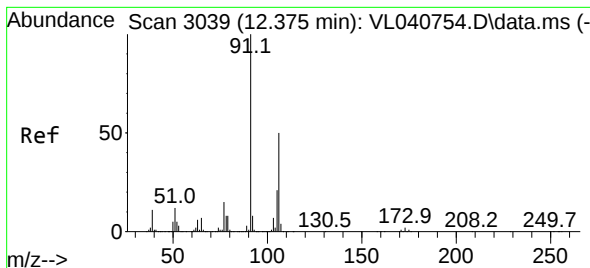


#58
Ethyl Benzene
Concen: 9.863 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.006 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00



Tgt Ion: 91 Resp: 3825424
Ion Ratio Lower Upper
91 100
106 33.4 24.7 37.1





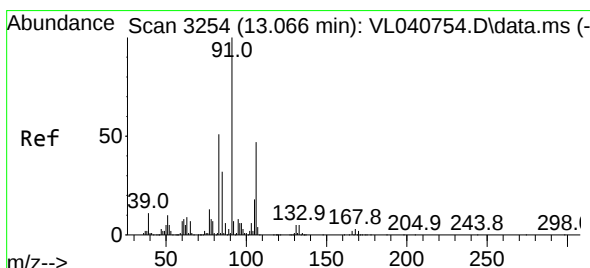
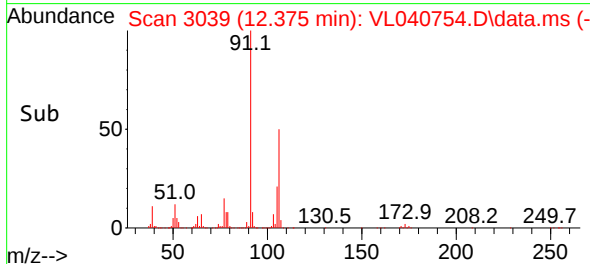
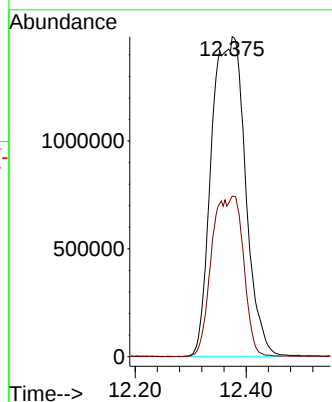
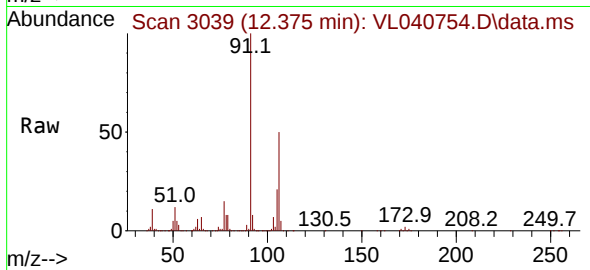
#59
m/p-Xylene
Concen: 17.217 ppbv m
RT: 12.375 min Scan# 3039
Delta R.T. -0.006 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 6270630
Ion Ratio Lower Upper
91 100
106 47.1 34.8 52.2

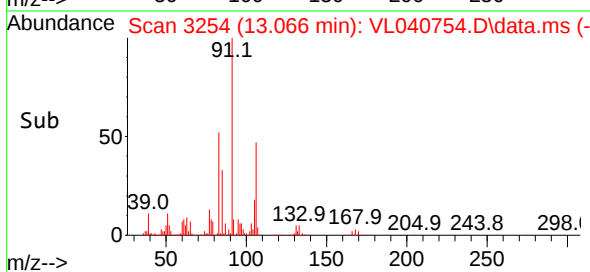
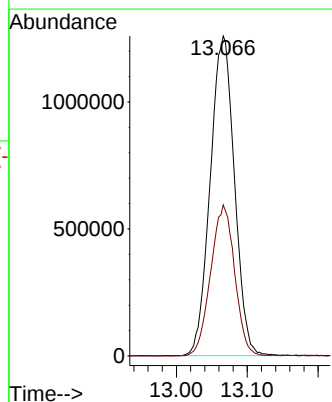
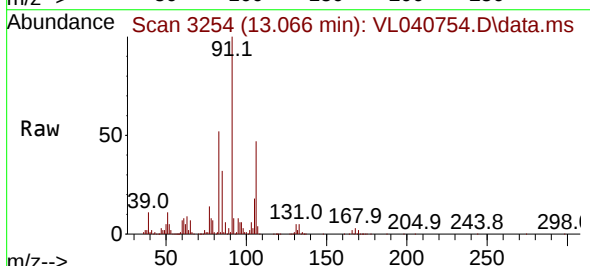
Manual Integrations
APPROVED

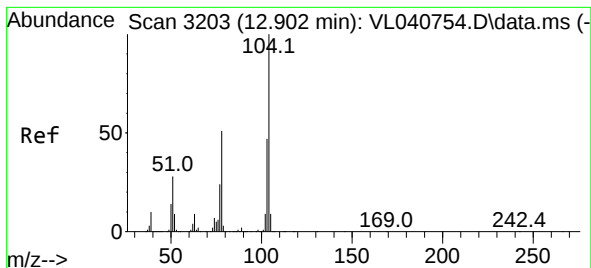
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#60
o-Xylene
Concen: 8.611 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 91 Resp: 2990832
Ion Ratio Lower Upper
91 100
106 47.0 22.3 66.9





#61

Styrene

Concen: 12.096 ppbv

RT: 12.902 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 1760772

Ion Ratio Lower Upper

104 100

78 49.7 43.4 65.0

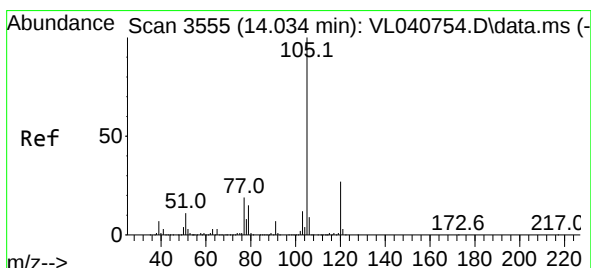
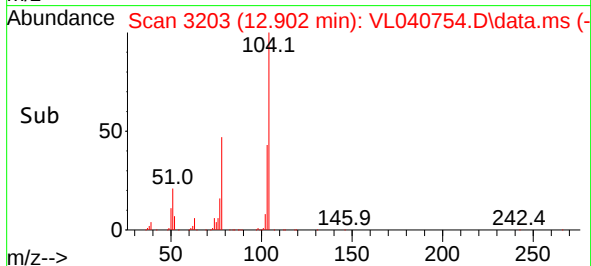
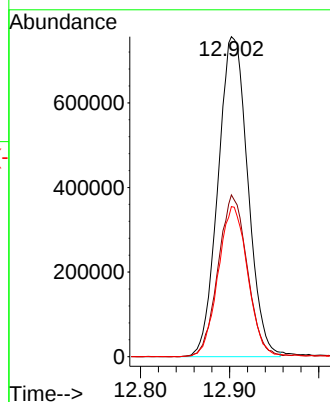
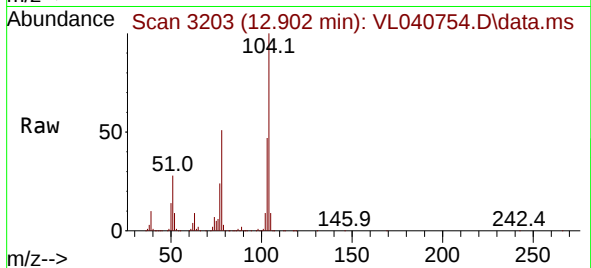
103 46.9 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#62

Isopropylbenzene

Concen: 8.663 ppbv

RT: 14.034 min Scan# 3555

Delta R.T. -0.003 min

Lab File: VL040754.D

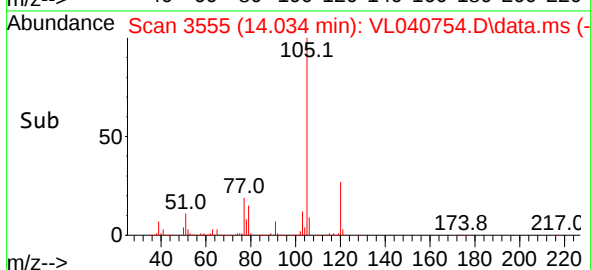
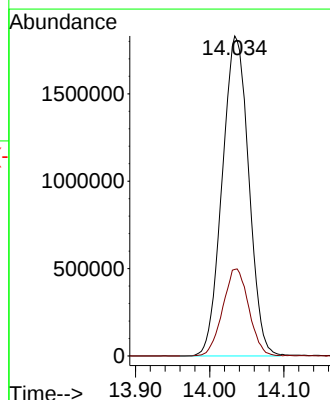
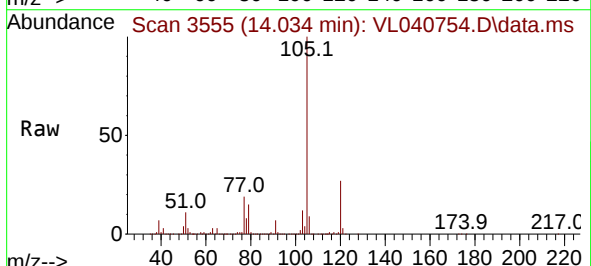
Acq: 11 Oct 2023 12:00

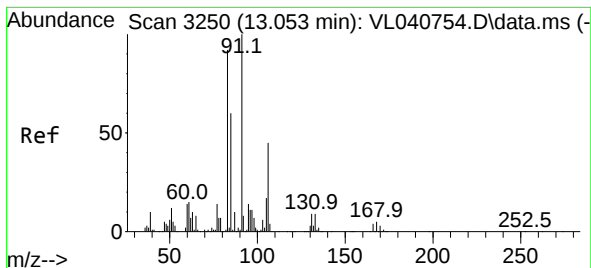
Tgt Ion:105 Resp: 4542941

Ion Ratio Lower Upper

105 100

120 26.9 20.2 30.4





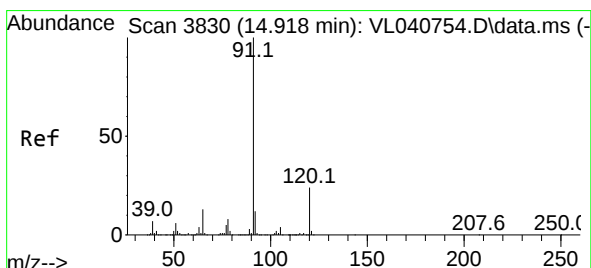
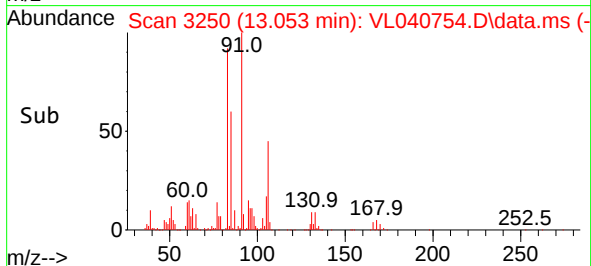
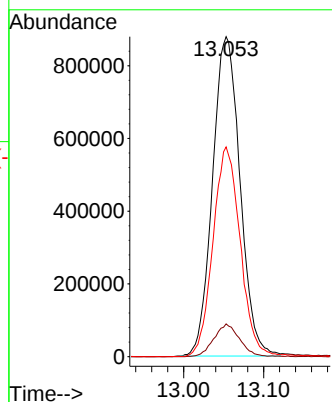
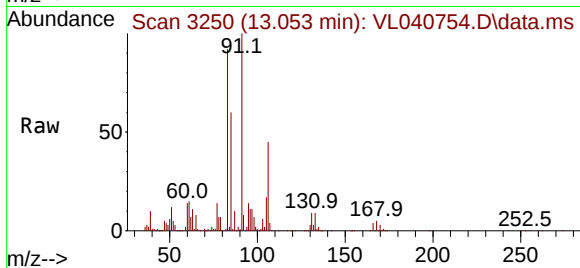
#63
1,1,2,2-Tetrachloroethane
Concen: 7.699 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 209590
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 65.8 33.1 99.3

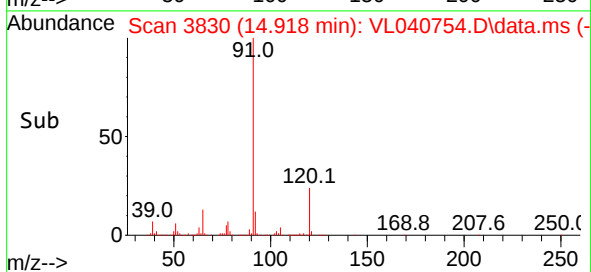
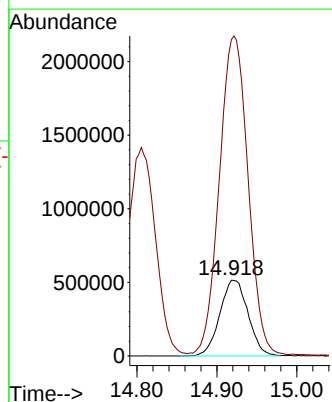
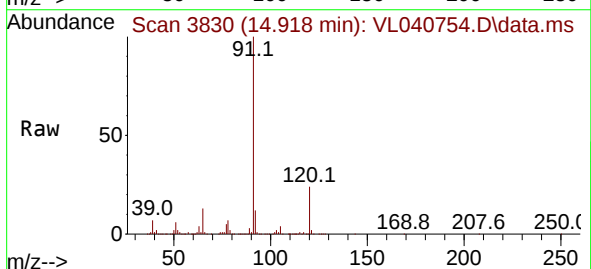
Manual Integrations
APPROVED

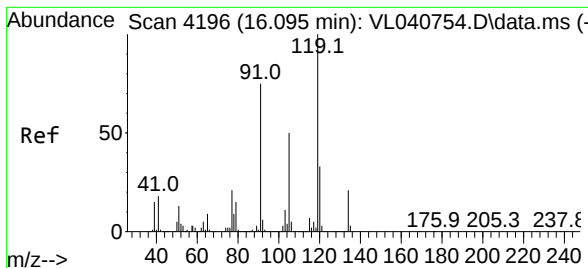
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#64
n-propylbenzene
Concen: 9.613 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.006 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

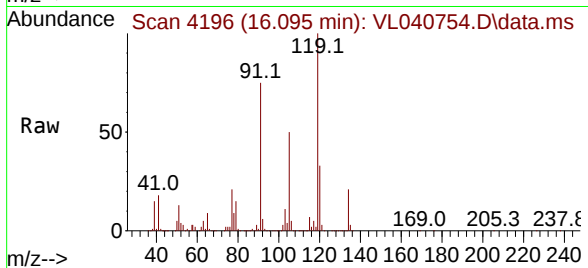
Tgt Ion:120 Resp: 1260564
Ion Ratio Lower Upper
120 100
91 432.4 386.9 580.3





#65
tert-Butylbenzene
Concen: 8.479 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

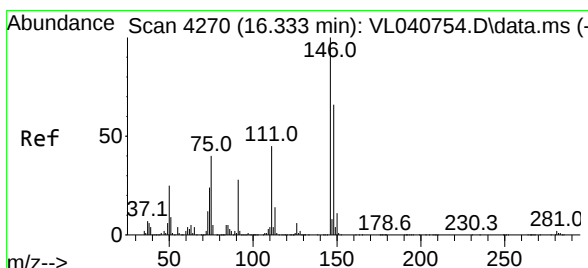
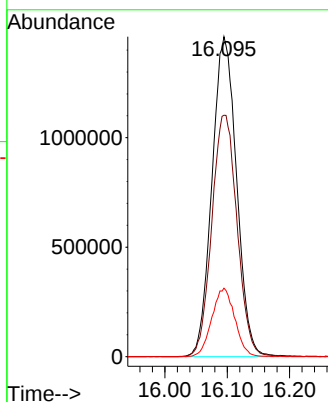
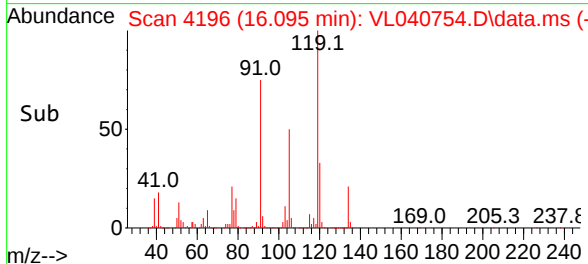
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



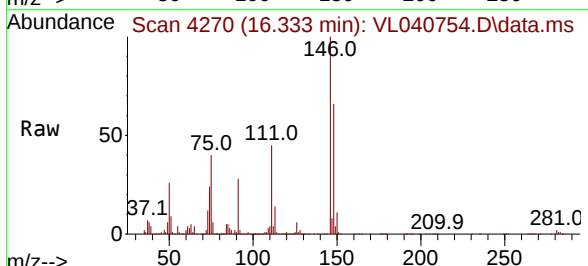
Tgt Ion: 119 Resp: 399115
Ion Ratio Lower Upper
119 100
91 77.7 69.8 104.8
134 20.1 15.4 23.2

Manual Integrations
APPROVED

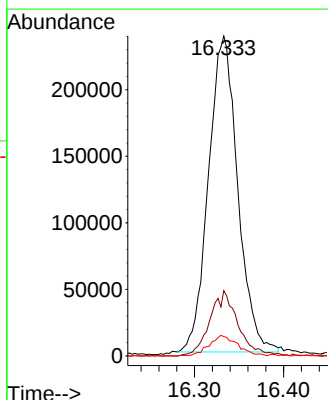
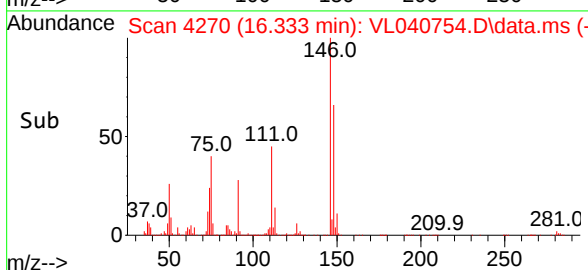
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

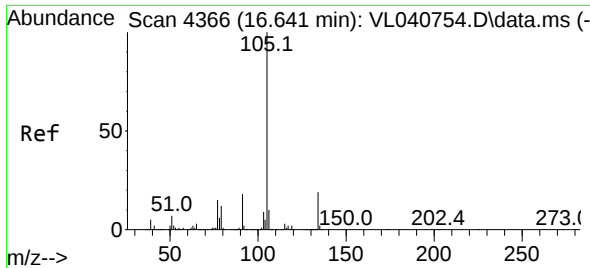


#66
Benzyl Chloride
Concen: 9.863 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00



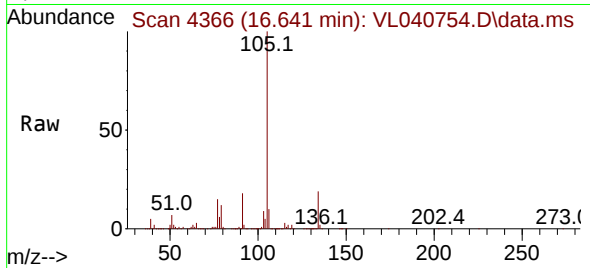
Tgt Ion: 91 Resp: 541818
Ion Ratio Lower Upper
91 100
126 20.1 13.6 20.4
128 6.5 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 8.257 ppbv
 RT: 16.641 min Scan# 4366
 Delta R.T. -0.003 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

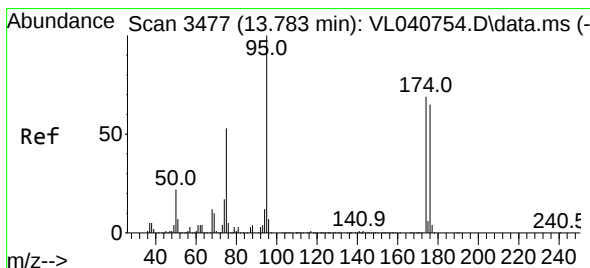
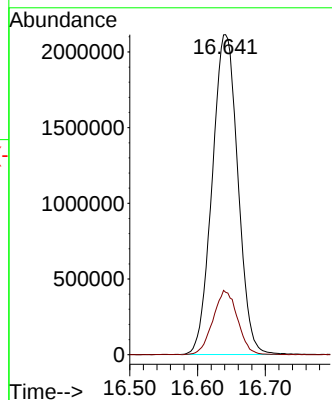
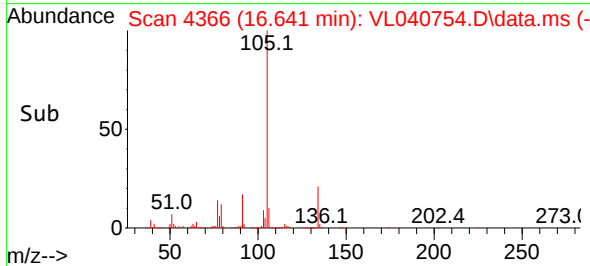
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:105 Resp: 556348
 Ion Ratio Lower Upper
 105 100
 134 19.3 14.1 21.1

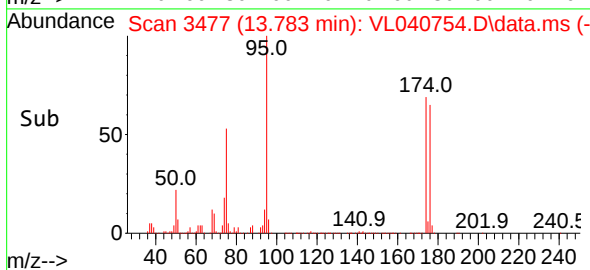
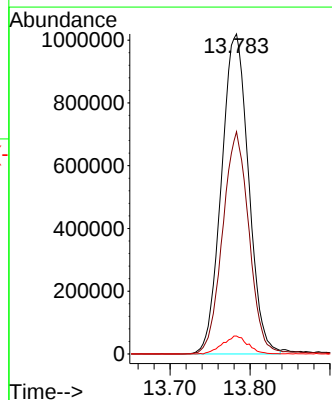
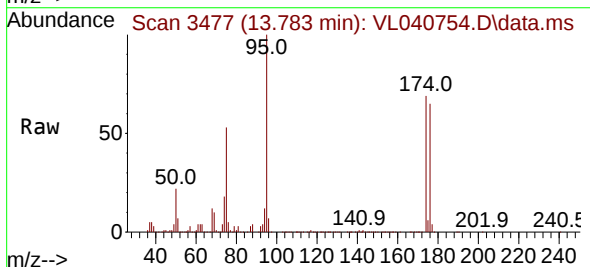
Manual Integrations
 APPROVED

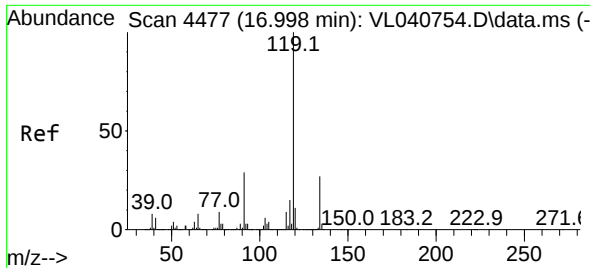
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.121 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.003 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

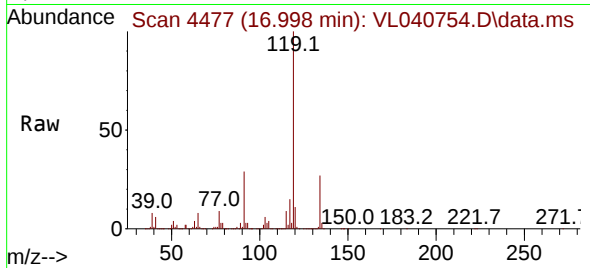
Tgt Ion: 95 Resp: 2397360
 Ion Ratio Lower Upper
 95 100
 174 68.4 48.9 73.3
 175 5.3 3.5 5.3#





#69
p-Isopropyltoluene
Concen: 8.872 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

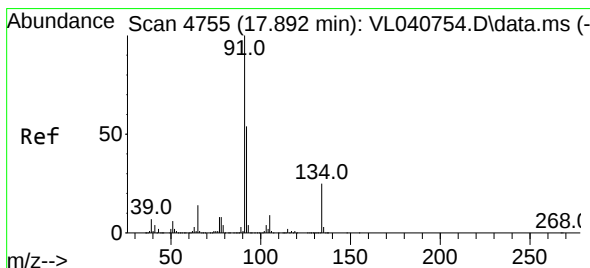
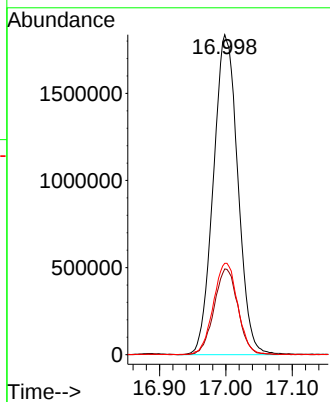
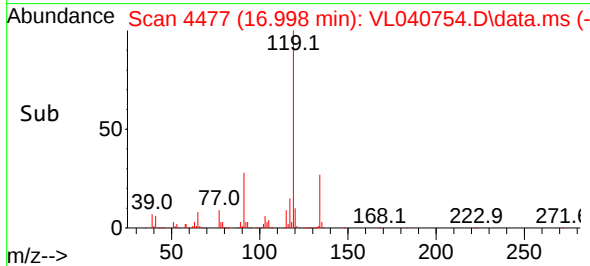
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



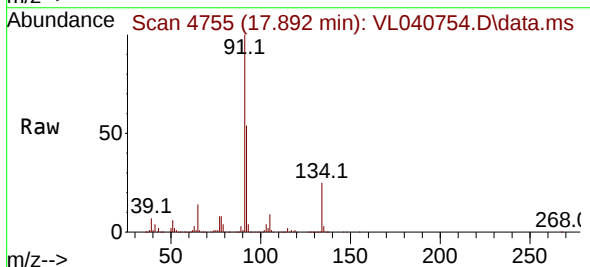
Tgt Ion:119 Resp: 469864
Ion Ratio Lower Upper
119 100
134 26.2 20.2 30.2
91 28.5 25.0 37.6

Manual Integrations
APPROVED

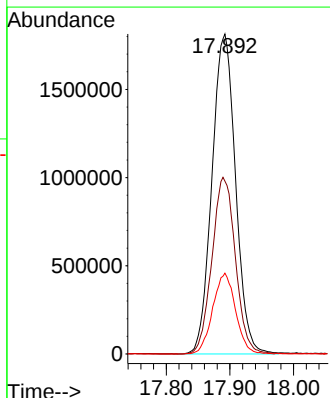
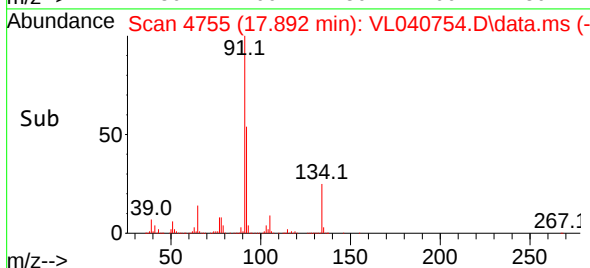
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

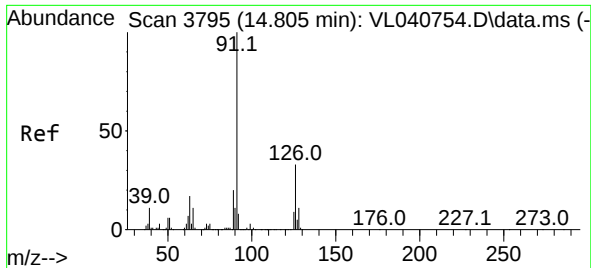


#70
n-Butylbenzene
Concen: 8.011 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00



Tgt Ion: 91 Resp: 4669495
Ion Ratio Lower Upper
91 100
92 55.1 42.7 64.1
134 24.4 17.0 25.4





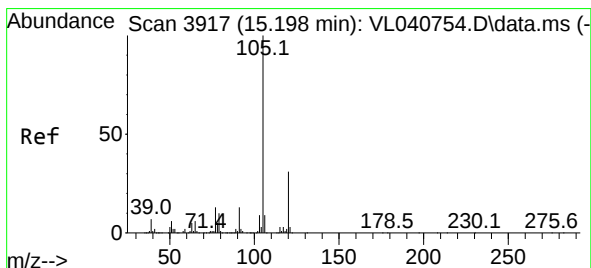
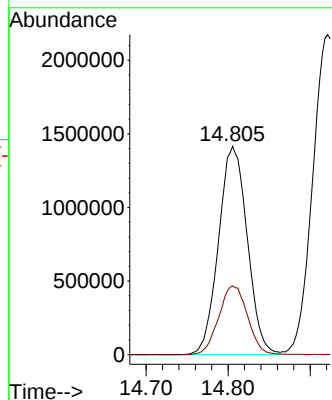
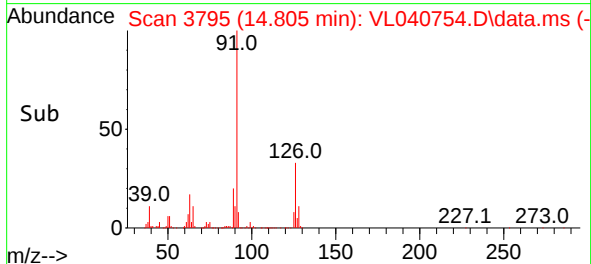
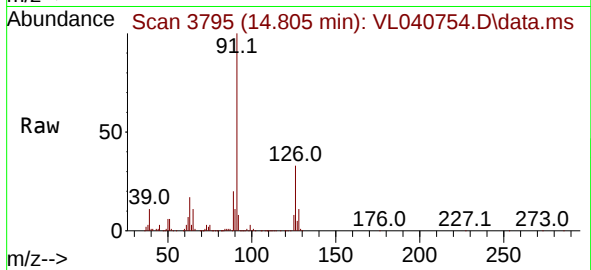
#71
2-Chlorotoluene
Concen: 8.872 ppbv
RT: 14.805 min Scan# 3795
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 344254
Ion Ratio Lower Upper
91 100
126 33.2 12.0 47.8

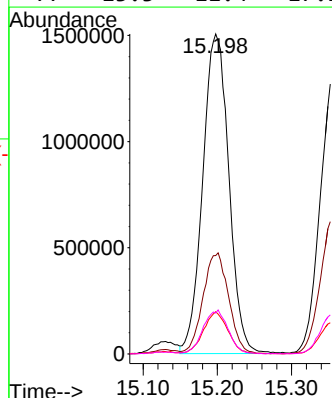
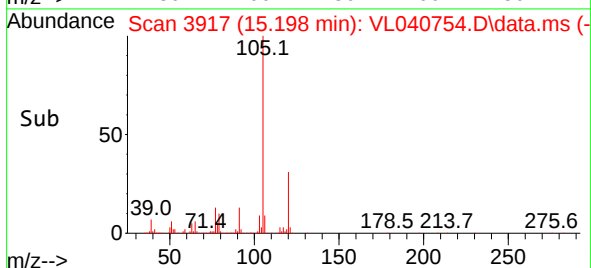
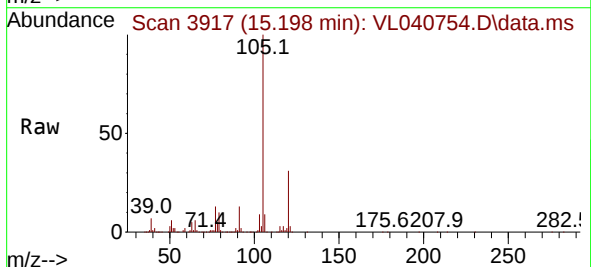
Manual Integrations
APPROVED

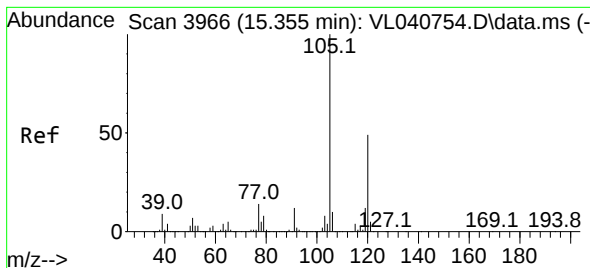
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#72
4-Ethyltoluene
Concen: 9.446 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion:105 Resp: 3679222
Ion Ratio Lower Upper
105 100
120 31.2 23.9 35.9
91 12.3 11.0 16.4
77 13.3 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 9.000 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. -0.006 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 3156602

Ion Ratio Lower Upper

105 100

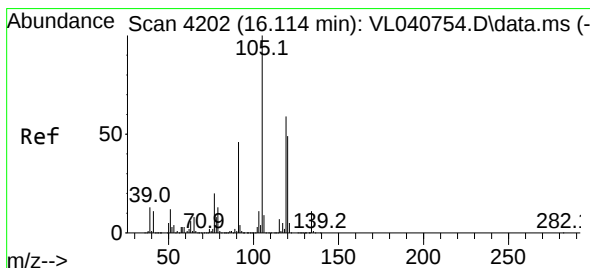
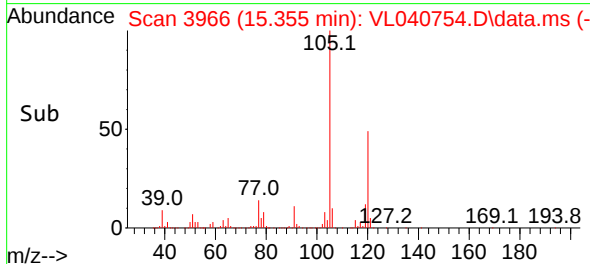
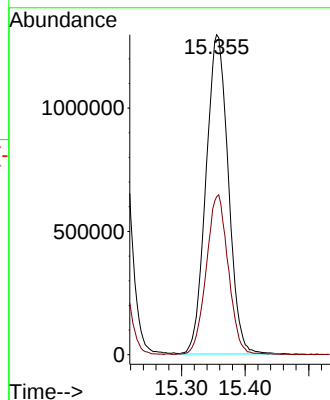
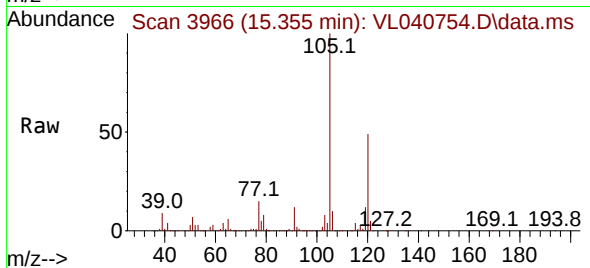
120 49.3 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#74

1,2,4-Trimethylbenzene

Concen: 7.826 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. -0.003 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Tgt Ion:105 Resp: 3346057

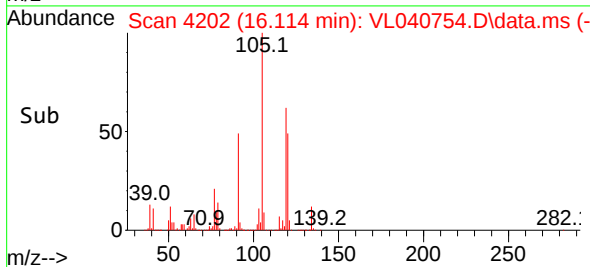
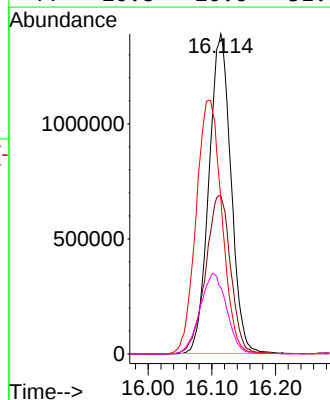
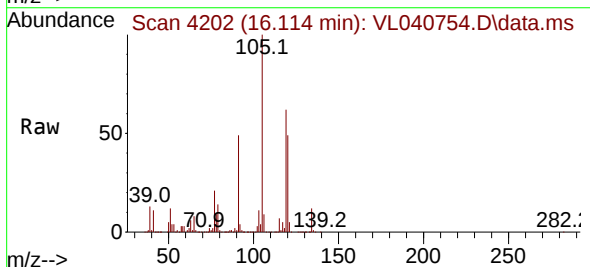
Ion Ratio Lower Upper

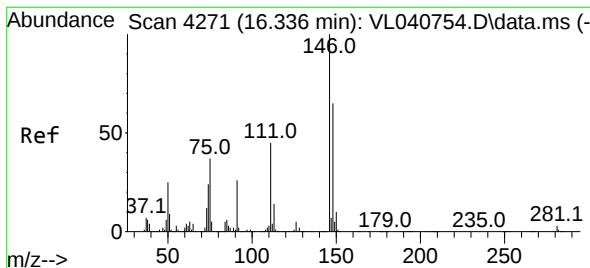
105 100

120 49.3 38.6 57.8

91 48.3 50.0 75.0#

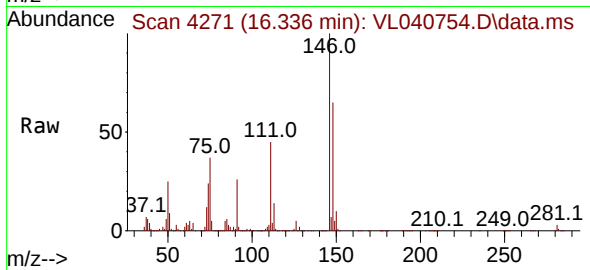
77 20.8 20.6 31.0





#75
1,3-Dichlorobenzene
Concen: 8.742 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

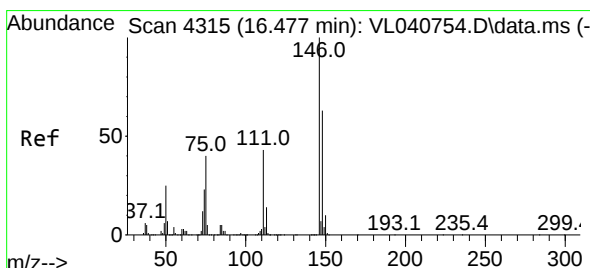
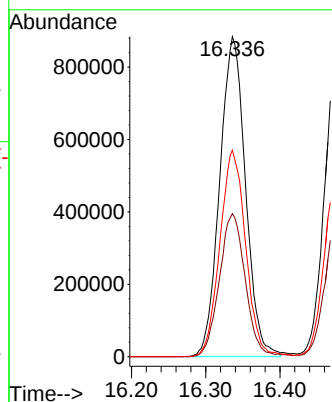
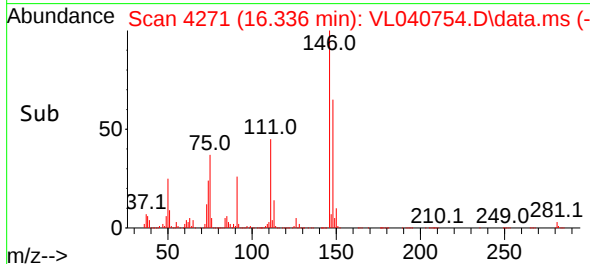
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



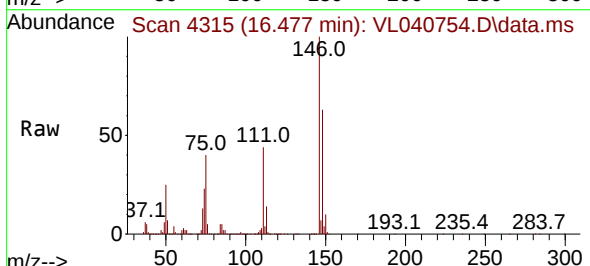
Tgt Ion:146 Resp: 2129740
Ion Ratio Lower Upper
146 100
111 45.1 23.9 71.7
148 64.7 31.8 95.4

Manual Integrations
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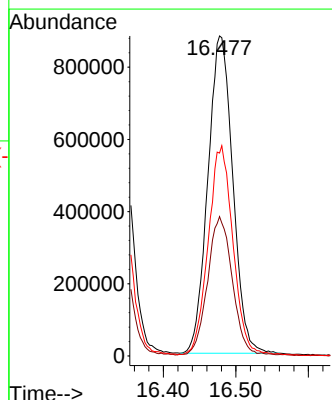
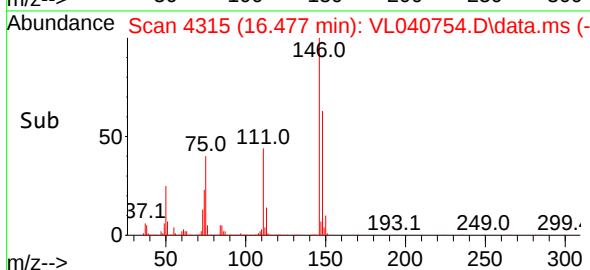
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

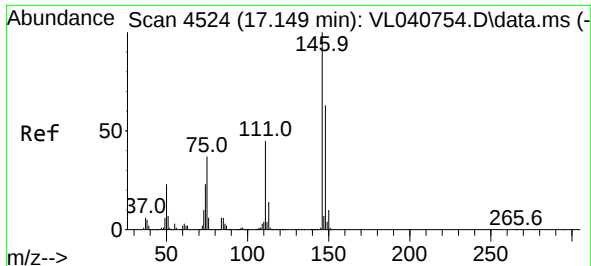


#76
1,4-Dichlorobenzene
Concen: 8.755 ppbv
RT: 16.477 min Scan# 4315
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00



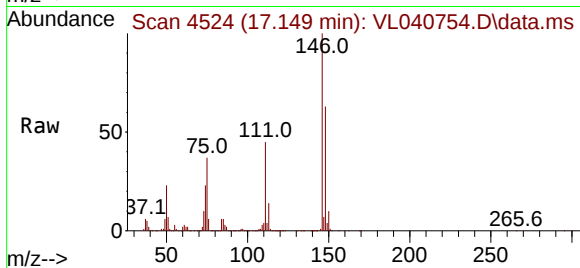
Tgt Ion:146 Resp: 2098524
Ion Ratio Lower Upper
146 100
111 44.0 23.8 71.2
148 66.7 32.6 97.7





#77
1,2-Dichlorobenzene
Concen: 8.539 ppbv
RT: 17.149 min Scan# 4524
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

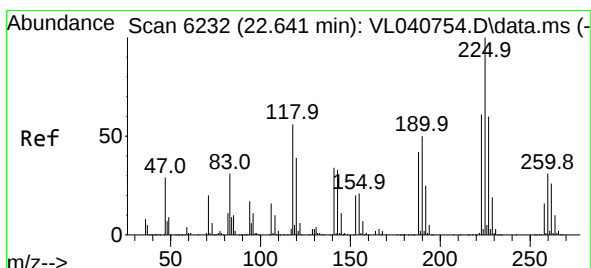
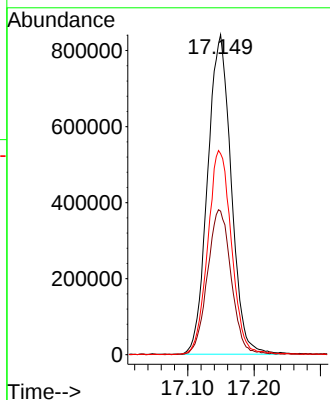
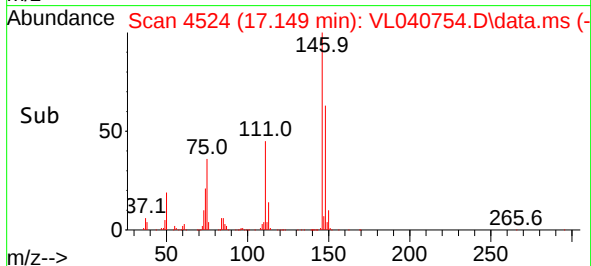
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:146 Resp: 207184
Ion Ratio Lower Upper
146 100
111 45.9 25.0 75.0
148 64.5 32.4 97.0

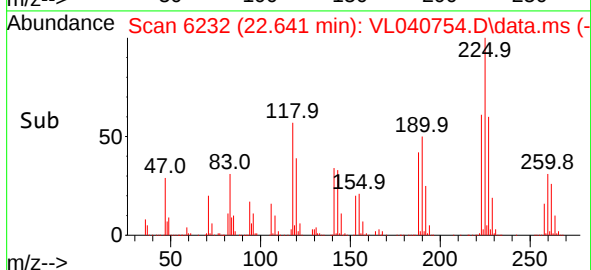
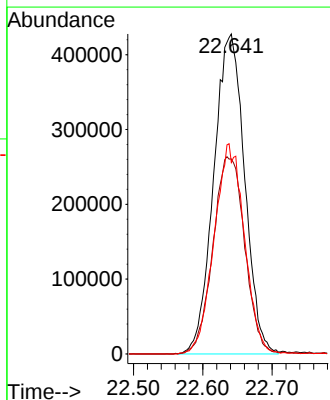
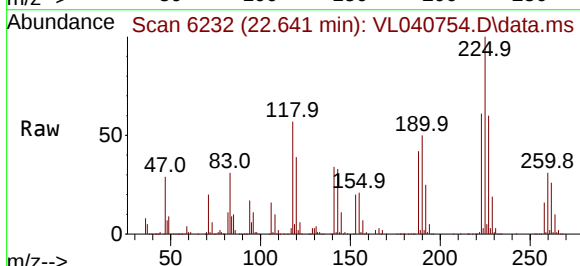
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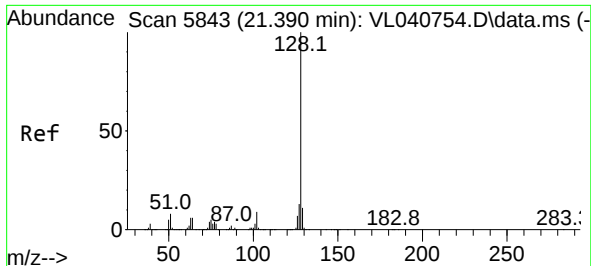
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#78
Hexachloro-1,3-Butadiene
Concen: 7.220 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. 0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

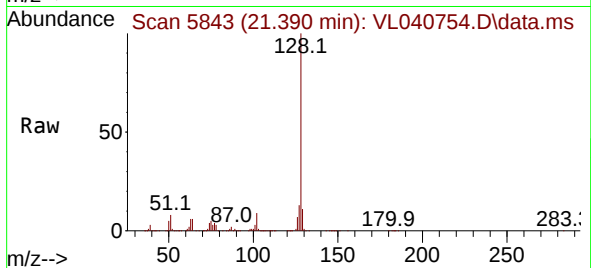
Tgt Ion:225 Resp: 1325515
Ion Ratio Lower Upper
225 100
223 63.4 51.2 76.8
227 64.2 50.7 76.1





#79
Naphthalene
Concen: 11.665 ppbv
RT: 21.390 min Scan# 5843
Delta R.T. -0.003 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

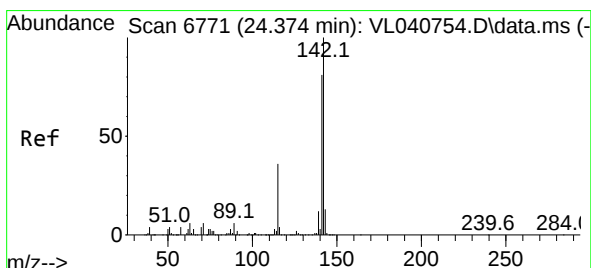
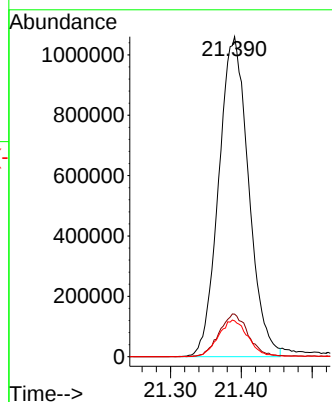
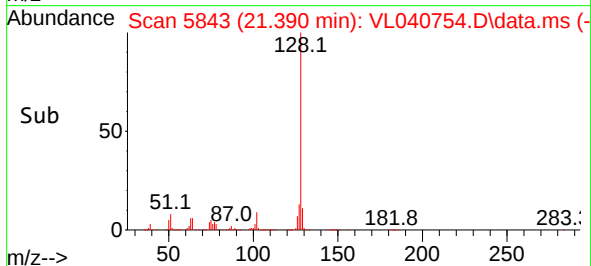
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



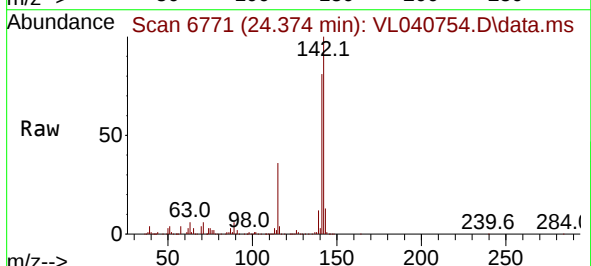
Tgt Ion:128 Resp: 3103679
Ion Ratio Lower Upper
128 100
127 13.2 9.8 14.6
129 11.2 8.4 12.6

Manual Integrations
APPROVED

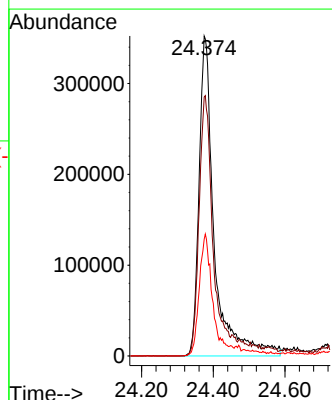
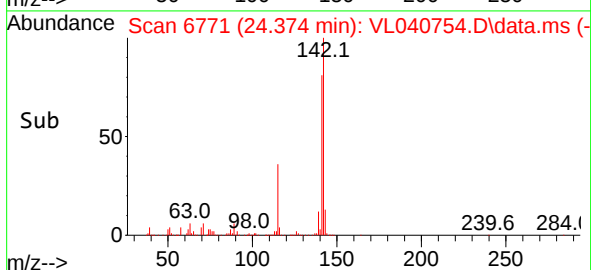
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

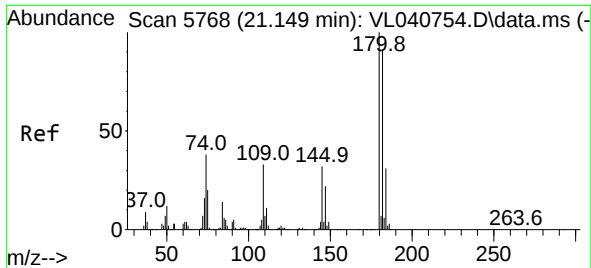


#80
Naphthalene,2-methyl-
Concen: 16.018 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.006 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00



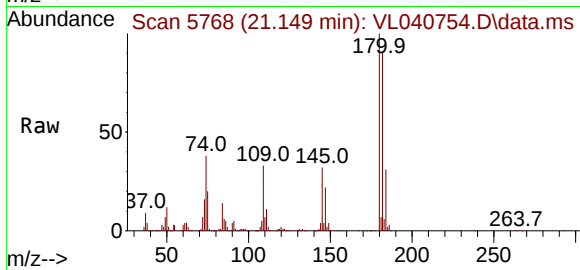
Tgt Ion:142 Resp: 1043854
Ion Ratio Lower Upper
142 100
141 82.9 67.0 100.6
115 37.5 37.4 56.2





#81
1,2,4-Trichlorobenzene
Concen: 9.034 ppbv
RT: 21.149 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 1570019
Ion Ratio Lower Upper
180 100
182 97.4 77.9 116.9
184 31.3 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

