

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040774.D
 Acq On : 12 Oct 2023 8:34
 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 10/13/2023
 Supervised By : Mahesh Dadoda 10/16/2023

Quant Time: Oct 13 01:22:39 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 Oct 12 00:21:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	942057	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.667	114	2638902	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2569079	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 1904704 10.076 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.764	85	1717499	10.353	ppbv	97
3) Chlorodifluoromethane	2.709	51	1423484	10.282	ppbv	99
4) Chloromethane	2.848	50	547813	10.021	ppbv	100
5) Vinyl Chloride	2.954	62	545164	9.651	ppbv	100
6) Bromomethane	3.150	94	223346	9.557	ppbv	98
7) Chloroethane	3.227	64	185962	10.113	ppbv	97
8) Dichlorotetrafluoroethane	2.889	85	1327638	10.557	ppbv	98
9) Propene	2.729	41	527660	10.261	ppbv	99
10) Heptane	7.590	43	1299708	10.061	ppbv	99
11) Trichlorofluoromethane	3.590	101	1351244	10.553	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.089	101	965433	10.572	ppbv	100
13) Ethanol	3.269	45	91707m	7.900	ppbv	
14) Bromoethene	3.394	108	423459	10.828	ppbv	100
15) Acetone	3.497	43	944052	9.694	ppbv	98
16) 1,3-Butadiene	3.018	39	519939	10.177	ppbv	96
17) tert-Butyl alcohol	3.902	59	1024103	10.255	ppbv	99
18) 1,1-Dichloroethene	3.906	96	434076	10.605	ppbv	93
19) Isopropyl Alcohol	3.600	45	685039	10.927	ppbv #	39
20) Methylene Chloride	3.957	84	362453	8.935	ppbv	97
21) Allyl Chloride	4.021	41	649085	10.106	ppbv	97
22) trans-1,2-Dichloroethene	4.468	96	462440	10.616	ppbv	97
23) Vinyl Acetate	4.648	43	1177746	9.489	ppbv	98
24) 1,1-Dichloroethane	4.584	63	936526	10.004	ppbv	99
25) Ethyl Acetate	5.221	43	2130276	9.983	ppbv	99
26) Hexane	5.230	57	947329	9.714	ppbv	99
27) Carbon Disulfide	4.147	76	1135225	10.550	ppbv	99
28) Methyl tert-Butyl Ether	4.606	73	730142	9.628	ppbv	100
29) Chloroform	5.295	83	1453237	10.298	ppbv	99
30) Cyclohexane	6.613	84	833962	10.049	ppbv	98
31) cis-1,2-Dichloroethene	5.095	61	937670	10.433	ppbv	98
32) 1,1,1-Trichloroethane	6.018	97	1519780	10.119	ppbv	99
34) 2-Butanone	4.806	43	1063650	8.905	ppbv	100
35) Carbon Tetrachloride	6.507	117	1587160	10.716	ppbv	96
36) Benzene	6.385	78	2066704	10.182	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1119929	10.773	ppbv	99
38) Trichloroethene	7.304	130	801832	8.926	ppbv	97
39) 1,2-Dichloropropane	7.085	63	801093	10.102	ppbv	97
40) 1,4-Dioxane	7.294	88	340456	11.345	ppbv #	92
41) Tetrahydrofuran	5.574	42	850095	10.277	ppbv	99
42) Bromodichloromethane	7.262	83	1659386	10.656	ppbv	98
43) Methyl Methacrylate	7.487	69	852567	10.493	ppbv	98
44) 2,2,4-Trimethylpentane	7.336	57	3362182	9.795	ppbv	100
45) t-1,3-Dichloropropene	8.716	75	596926	9.213	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040774.D
 Acq On : 12 Oct 2023 8:34
 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 10/13/2023
 Supervised By : Mahesh Dadoda 10/16/2023

Quant Time: Oct 13 01:22:39 2023

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

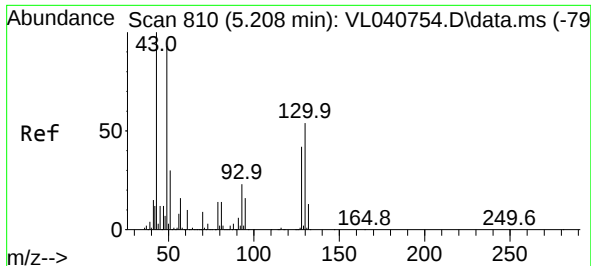
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Thu Oct 12 00:21:08 2023

Response via : Initial Calibration

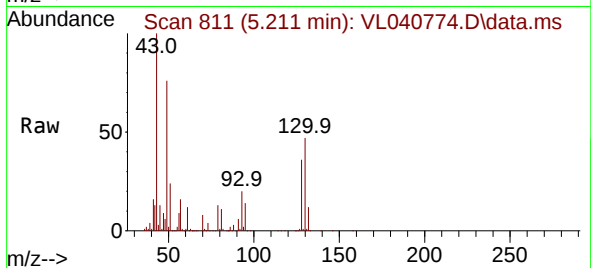
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	725861	9.170	ppbv	99
47) 1,1,2-Trichloroethane	8.905	97	861831	10.346	ppbv	97
48) Dibromochloromethane	9.716	129	1514678	10.850	ppbv	100
49) Bromoform	12.410	173	1223065	10.778	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	2102195	10.288	ppbv	100
51) 2-Hexanone	9.555	43	1579573	10.157	ppbv #	99
52) Tetrachloroethene	10.619	164	770530	9.346	ppbv	99
53) Toluene	9.230	91	2403228	9.948	ppbv	99
54) 1,2-Dibromoethane	10.015	107	1215200	10.406	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.513	131	1076795	10.270	ppbv	99
57) Chlorobenzene	11.532	112	1839391	9.993	ppbv	98
58) Ethyl Benzene	12.092	91	3225246	9.971	ppbv	98
59) m/p-Xylene	12.375	91	5280561m	19.835	ppbv	
60) o-Xylene	13.063	91	2479646	9.775	ppbv	99
61) Styrene	12.902	104	1452007	10.331	ppbv	99
62) Isopropylbenzene	14.034	105	3840341	9.841	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.053	83	1757194	9.240	ppbv	100
64) n-propylbenzene	14.918	120	1042631	9.946	ppbv	96
65) tert-Butylbenzene	16.092	119	3349257	9.516	ppbv	100
66) Benzyl Chloride	16.329	91	222519	6.275	ppbv	99
67) sec-Butylbenzene	16.638	105	4685800	9.724	ppbv	99
69) p-Isopropyltoluene	16.998	119	3917696	9.702	ppbv	99
70) n-Butylbenzene	17.889	91	3947651	9.956	ppbv	99
71) 2-Chlorotoluene	14.802	91	2905542	9.912	ppbv	100
72) 4-Ethyltoluene	15.194	105	3073363	10.346	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	2622166	10.026	ppbv	100
74) 1,2,4-Trimethylbenzene	16.111	105	2818636	9.864	ppbv	97
75) 1,3-Dichlorobenzene	16.333	146	1761379	9.911	ppbv	99
76) 1,4-Dichlorobenzene	16.474	146	1742507	9.901	ppbv	98
77) 1,2-Dichlorobenzene	17.143	146	1683231	9.653	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	1051641	8.429	ppbv	99
79) Naphthalene	21.384	128	2586034	11.133	ppbv	98
80) Naphthalene,2-methyl-	24.377	142	788436	12.096	ppbv	98
81) 1,2,4-Trichlorobenzene	21.143	180	1294949	10.269	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

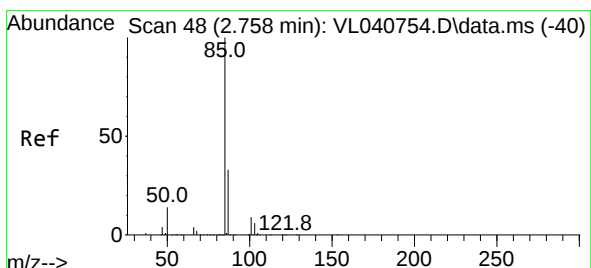
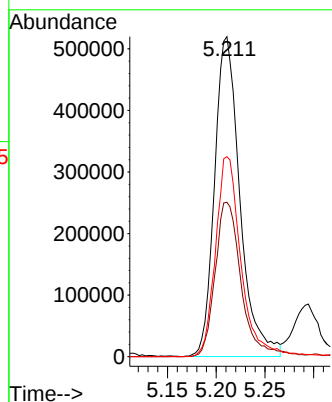
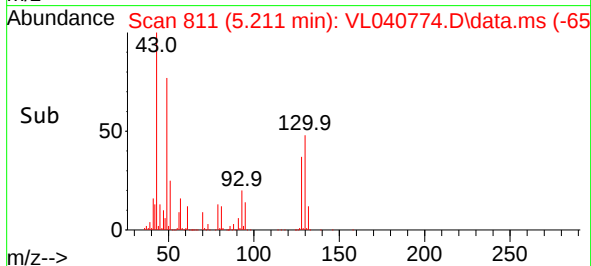
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 94205
Ion Ratio Lower Upper
49 100
128 50.6 23.9 71.7
130 63.7 30.7 92.1

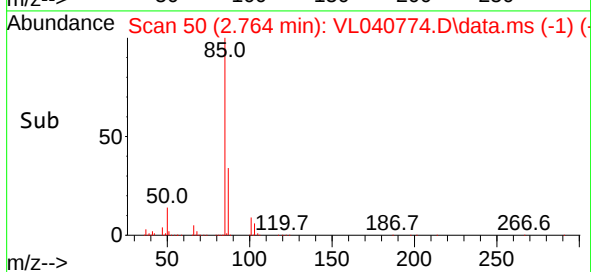
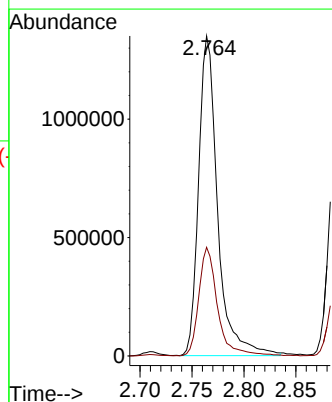
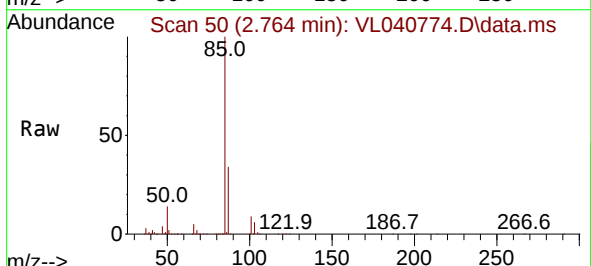
Manual Integrations
APPROVED

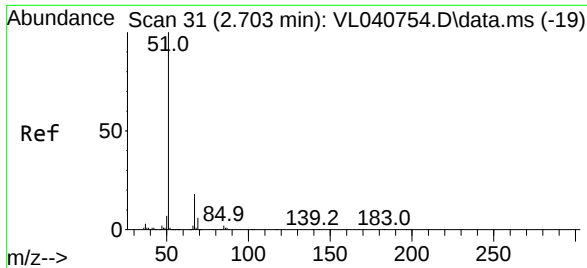
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023



#2
Dichlorodifluoromethane
Concen: 10.353 ppbv
RT: 2.764 min Scan# 50
Delta R.T. 0.006 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

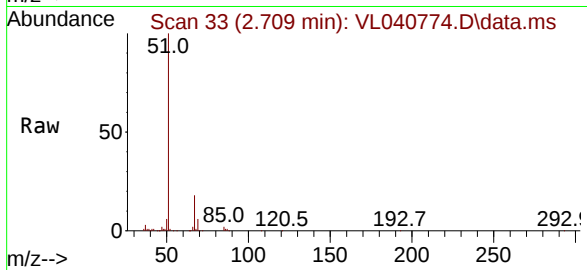
Tgt Ion: 85 Resp: 1717499
Ion Ratio Lower Upper
85 100
87 34.0 26.0 39.0





#3
Chlorodifluoromethane
Concen: 10.282 ppbv
RT: 2.709 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

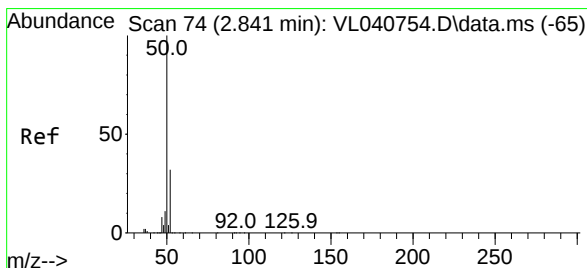
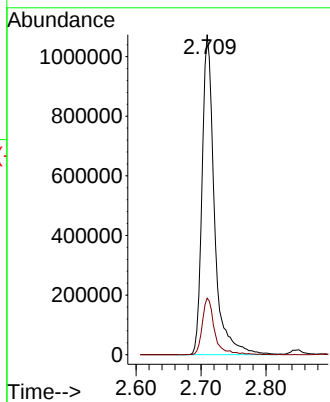
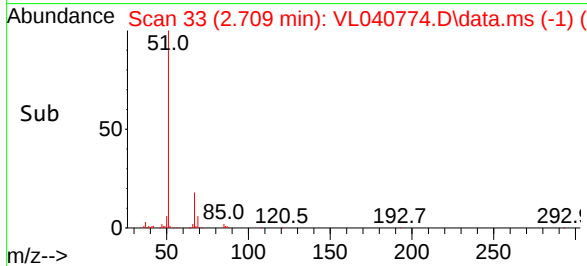
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1423484
Ion Ratio Lower Upper
51 100
67 17.7 13.8 20.6

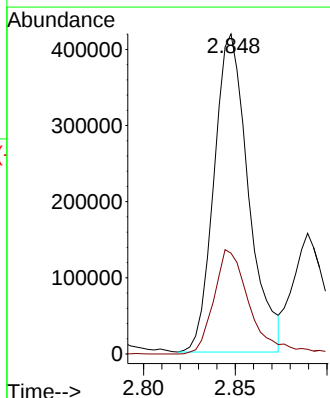
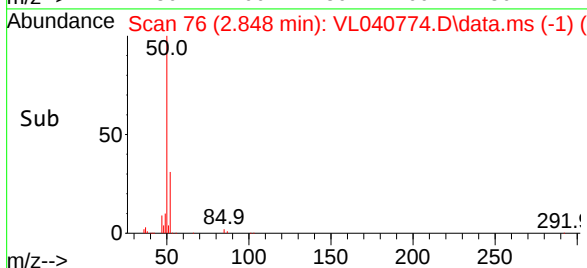
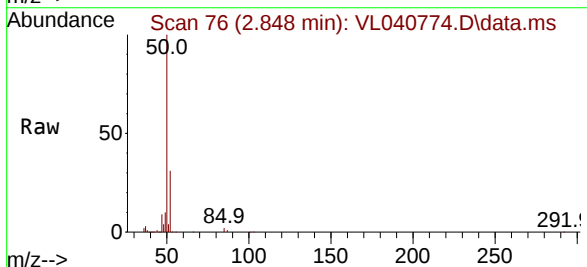
Manual Integrations
APPROVED

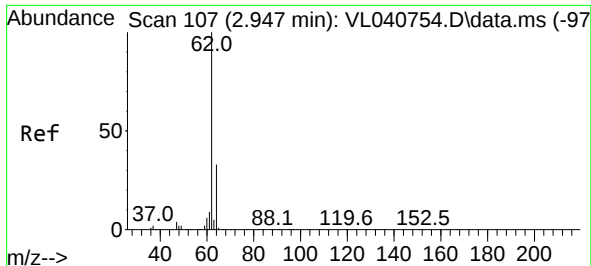
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023



#4
Chloromethane
Concen: 10.021 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.006 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

Tgt Ion: 50 Resp: 547813
Ion Ratio Lower Upper
50 100
52 31.7 25.3 37.9





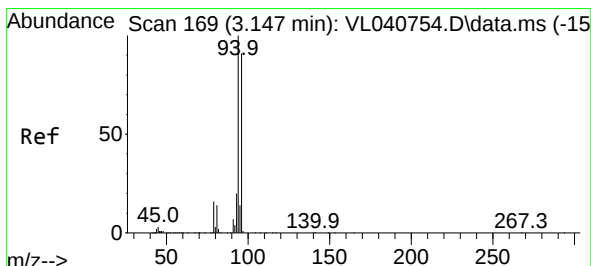
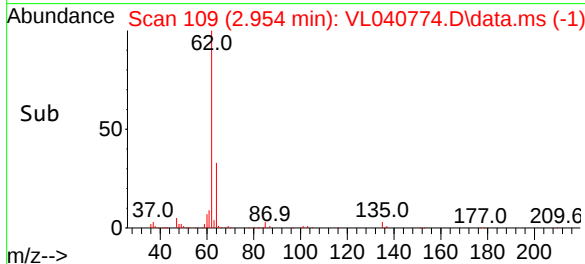
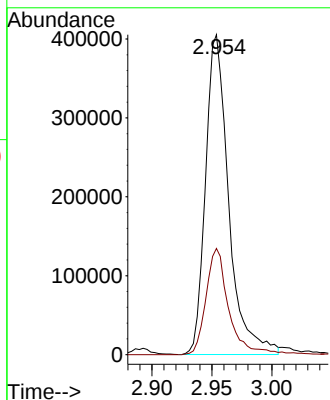
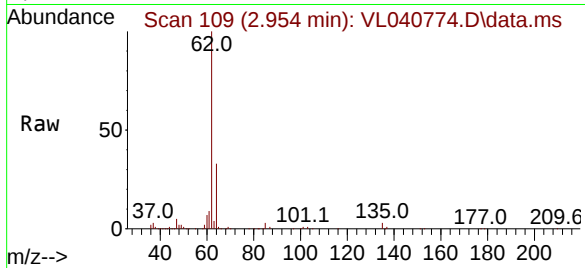
#5
 Vinyl Chloride
 Concen: 9.651 ppbv
 RT: 2.954 min Scan# 107
 Delta R.T. 0.006 min
 Lab File: VL040774.D
 Acq: 12 Oct 2023 8:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 545164
 Ion Ratio Lower Upper
 62 100
 64 33.2 26.6 39.8

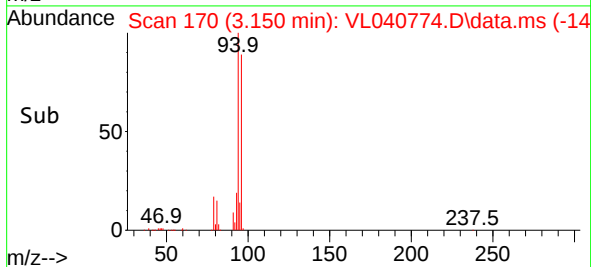
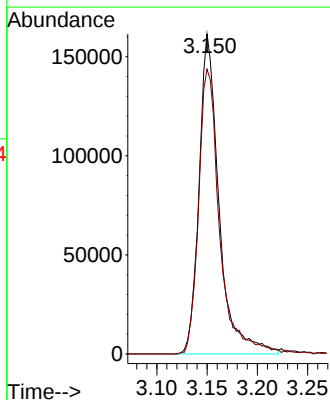
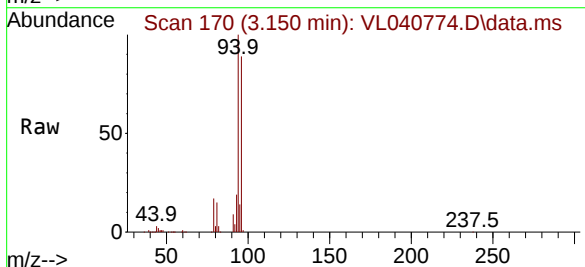
Manual Integrations
 APPROVED

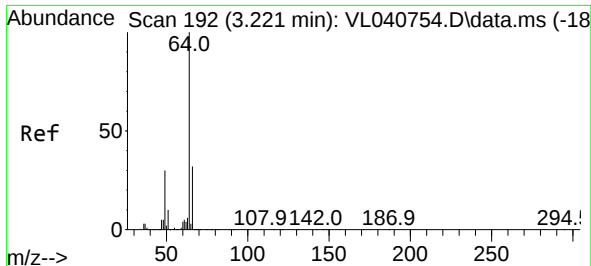
Reviewed By :Semsettin Yesilyurt 10/13/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#6
 Bromomethane
 Concen: 9.557 ppbv
 RT: 3.150 min Scan# 170
 Delta R.T. 0.003 min
 Lab File: VL040774.D
 Acq: 12 Oct 2023 8:34

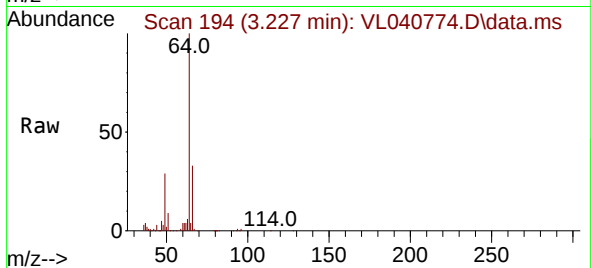
Tgt Ion: 94 Resp: 223346
 Ion Ratio Lower Upper
 94 100
 96 88.9 72.6 109.0





#7
Chloroethane
Concen: 10.113 ppbv
RT: 3.227 min Scan# 192
Delta R.T. 0.006 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

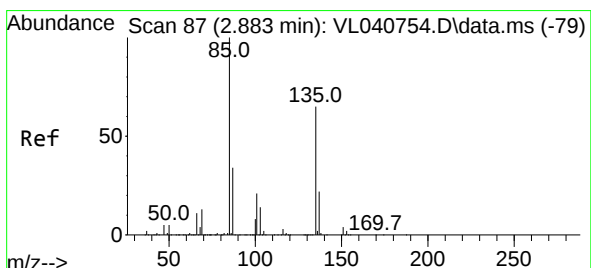
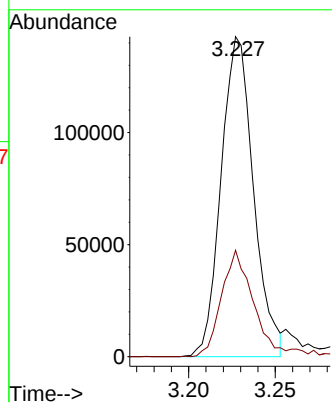
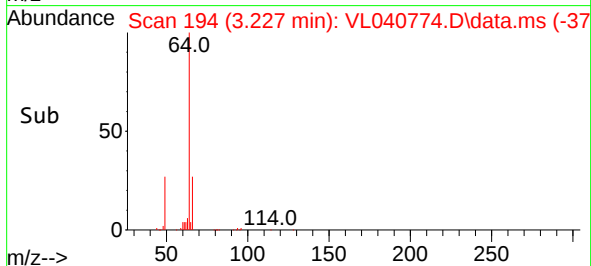
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 185962
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.2

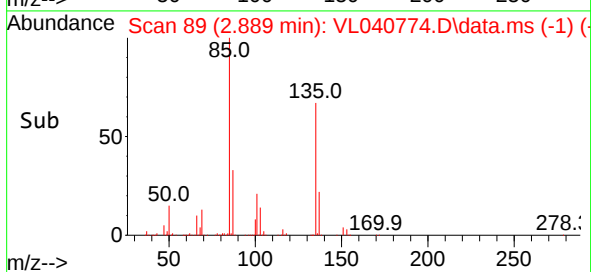
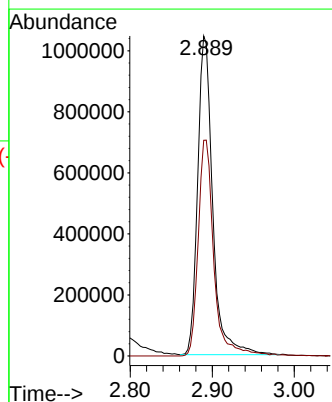
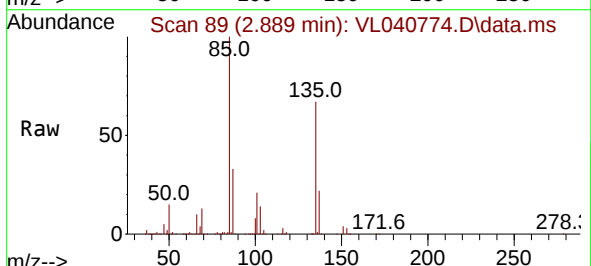
Manual Integrations
APPROVED

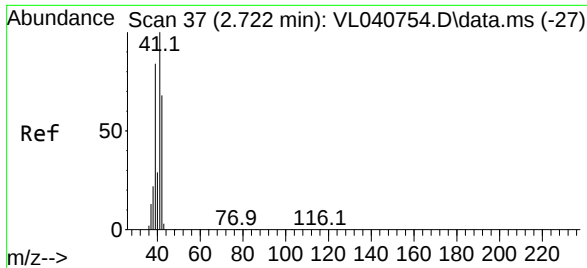
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023



#8
Dichlorotetrafluoroethane
Concen: 10.557 ppbv
RT: 2.889 min Scan# 89
Delta R.T. 0.006 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

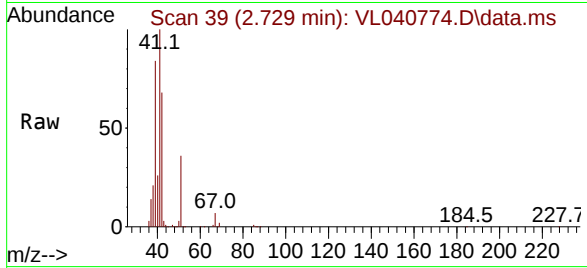
Tgt Ion: 85 Resp: 1327638
Ion Ratio Lower Upper
85 100
135 71.0 55.4 83.2





#9
Propene
Concen: 10.261 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.006 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

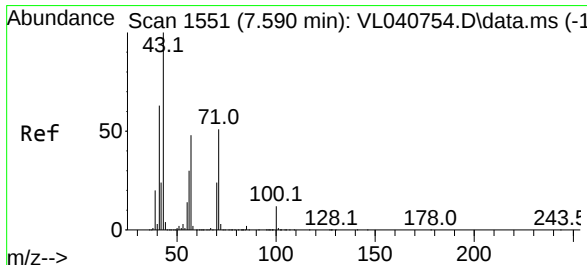
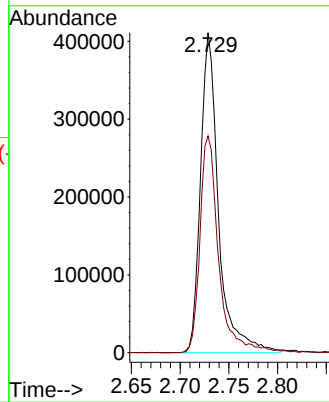
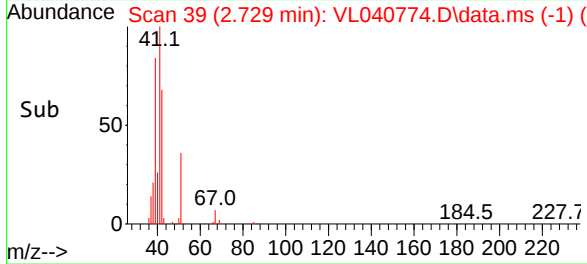
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 41 Resp: 527660
Ion Ratio Lower Upper
41 100
42 70.6 57.1 85.7

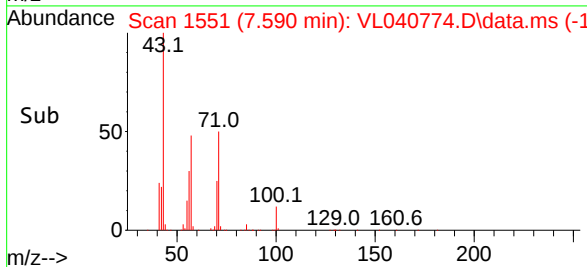
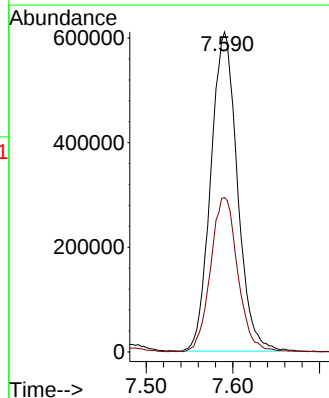
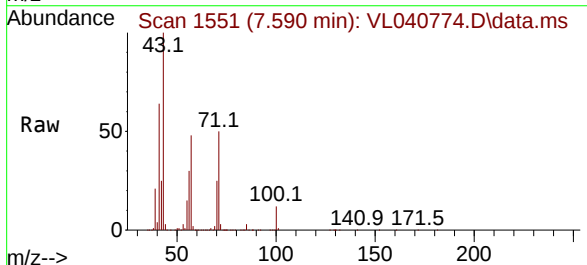
Manual Integrations
APPROVED

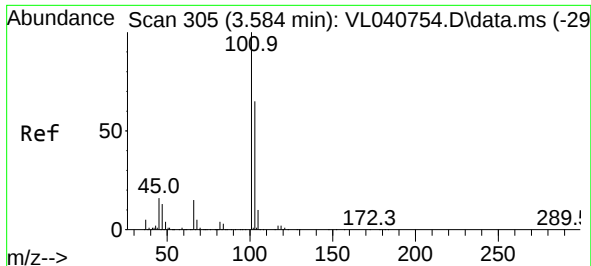
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023



#10
Heptane
Concen: 10.061 ppbv
RT: 7.590 min Scan# 1551
Delta R.T. -0.000 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

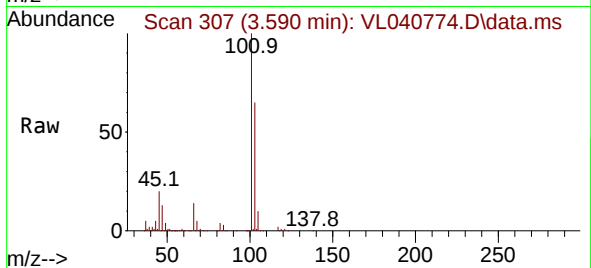
Tgt Ion: 43 Resp: 1299708
Ion Ratio Lower Upper
43 100
57 49.7 40.0 60.0





#11
Trichlorofluoromethane
Concen: 10.553 ppbv
RT: 3.590 min Scan# 305
Delta R.T. 0.006 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

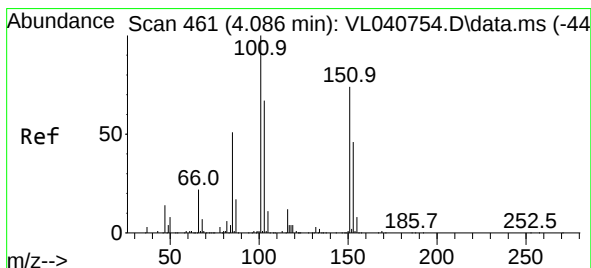
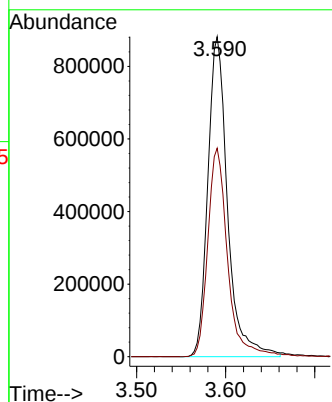
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 1351244
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2

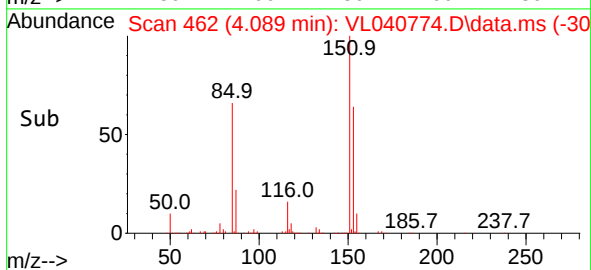
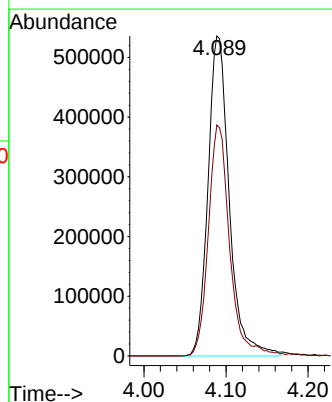
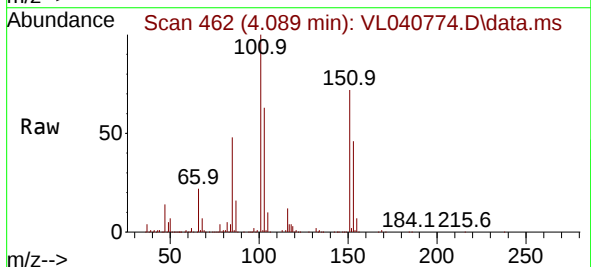
Manual Integrations
APPROVED

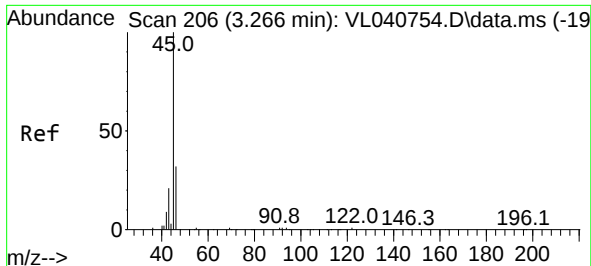
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.572 ppbv
RT: 4.089 min Scan# 462
Delta R.T. 0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

Tgt Ion:101 Resp: 965433
Ion Ratio Lower Upper
101 100
151 72.5 58.1 87.1





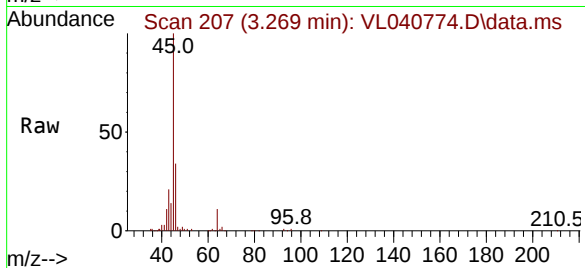
#13
Ethanol
Concen: 7.900 ppbv m
RT: 3.269 min Scan# 206
Delta R.T. 0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

Instrument :

MSVOA_L

ClientSampleId :

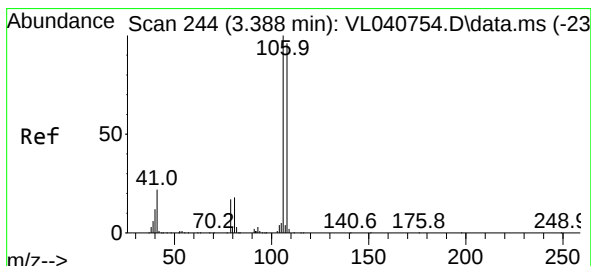
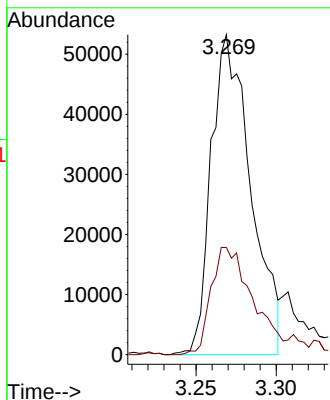
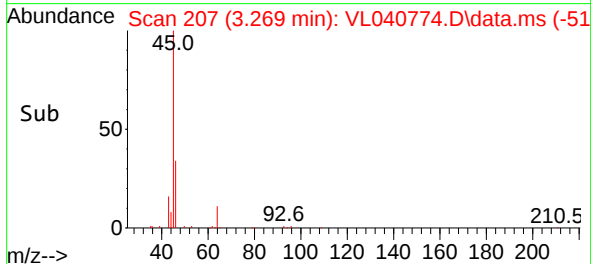
VSTDCCC010EC



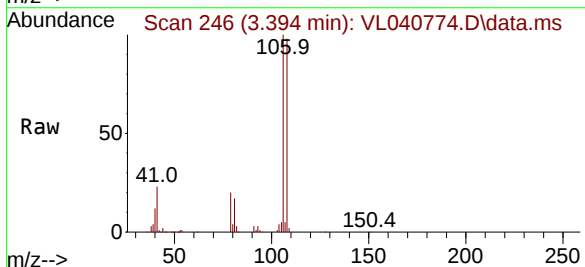
Tgt Ion: 45 Resp: 9170
Ion Ratio Lower Upper
45 100
46 40.0 14.6 58.2

Manual Integrations
APPROVED

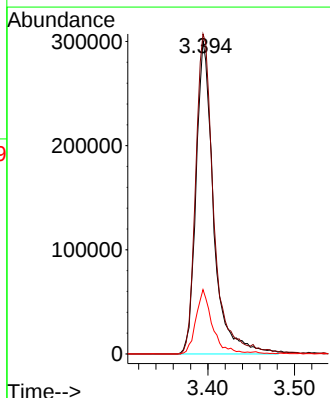
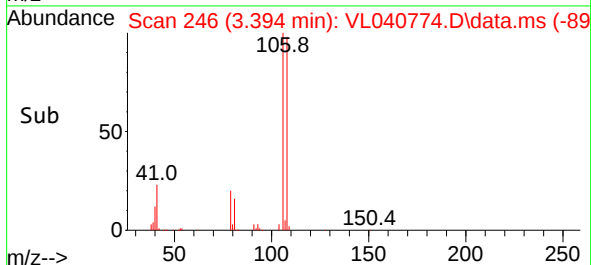
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023

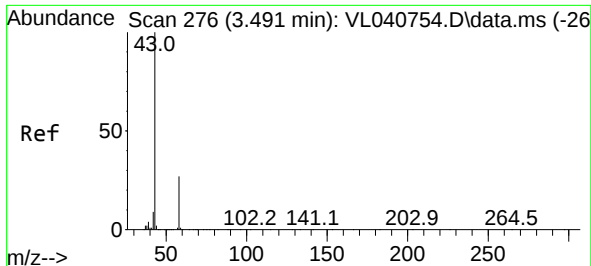


#14
Bromoethene
Concen: 10.828 ppbv
RT: 3.394 min Scan# 246
Delta R.T. 0.006 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34



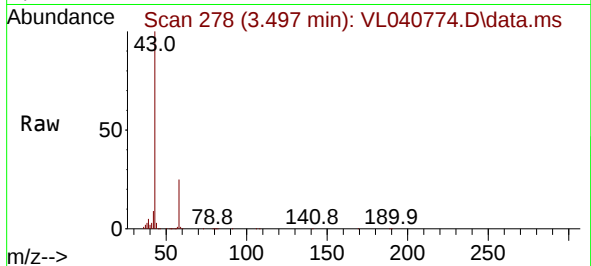
Tgt Ion:108 Resp: 423459
Ion Ratio Lower Upper
108 100
106 106.4 85.2 127.8
79 20.1 15.7 23.5





#15
Acetone
Concen: 9.694 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

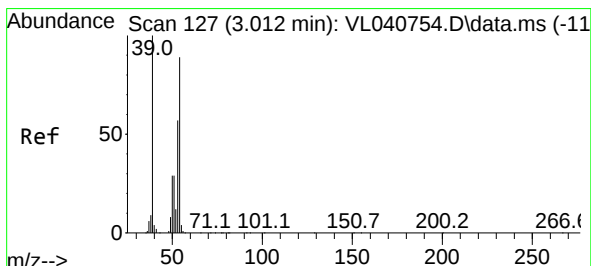
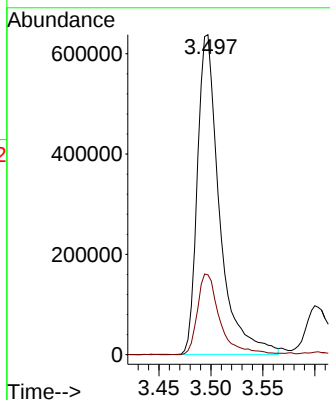
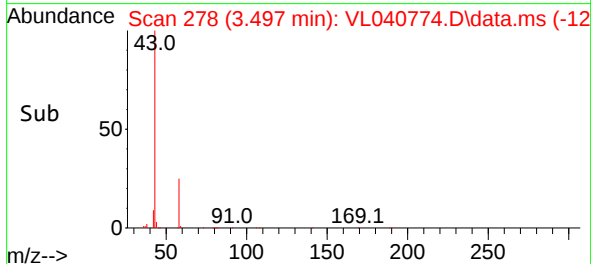
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



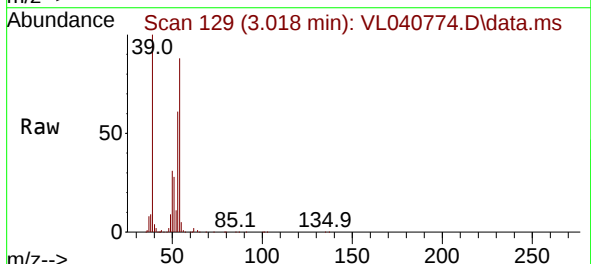
Tgt Ion: 43 Resp: 944052
Ion Ratio Lower Upper
43 100
58 26.0 21.6 32.4

Manual Integrations
APPROVED

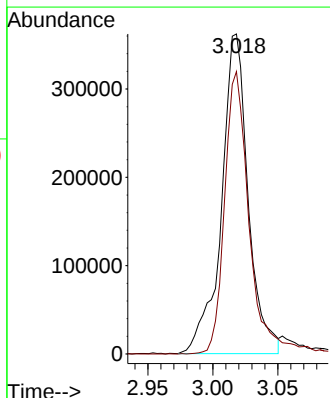
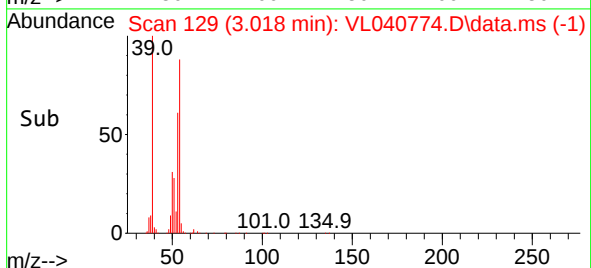
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023

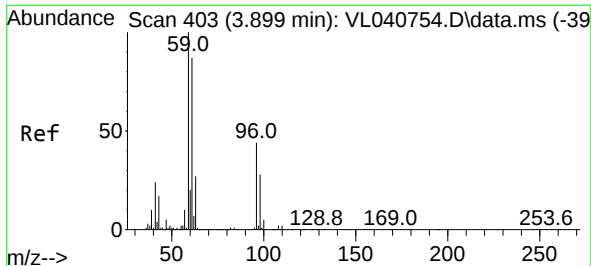


#16
1,3-Butadiene
Concen: 10.177 ppbv
RT: 3.018 min Scan# 129
Delta R.T. 0.006 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34



Tgt Ion: 39 Resp: 519939
Ion Ratio Lower Upper
39 100
54 82.6 63.0 94.6





#17

tert-Butyl alcohol

Concen: 10.255 ppbv

RT: 3.902 min Scan# 404

Delta R.T. 0.003 min

Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 102410

Ion Ratio Lower Upper

59 100

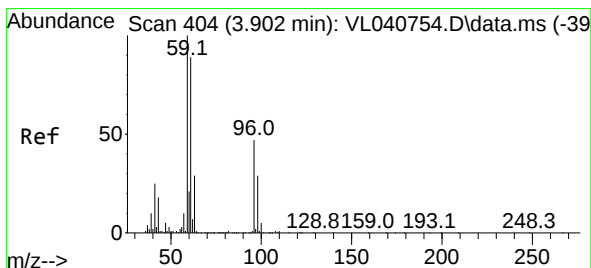
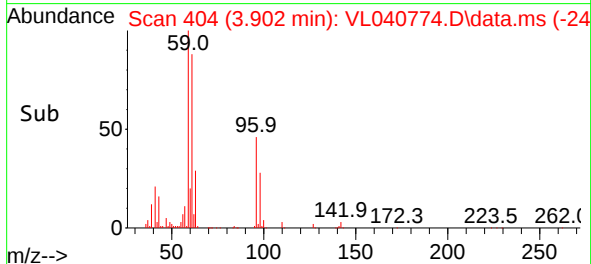
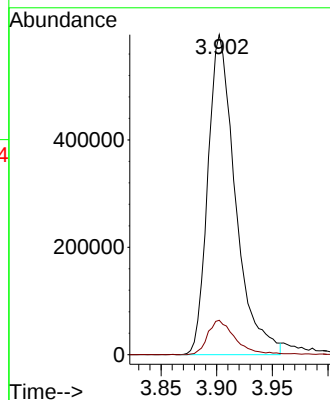
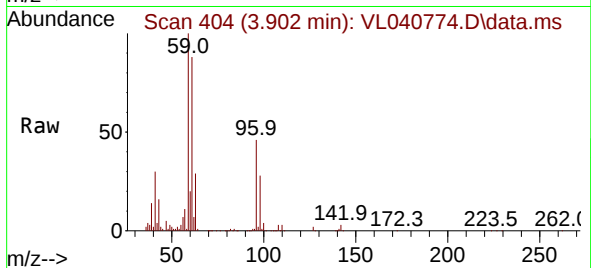
57 11.2 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/13/2023

Supervised By :Mahesh Dadoda 10/16/2023



#18

1,1-Dichloroethene

Concen: 10.605 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.003 min

Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

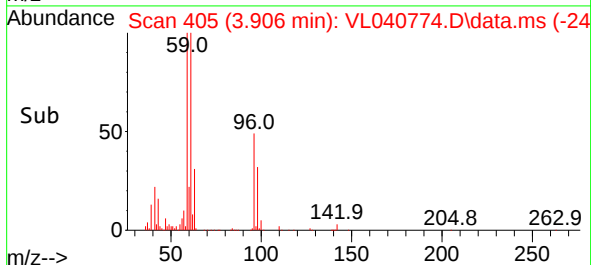
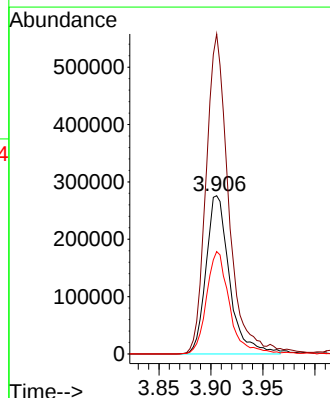
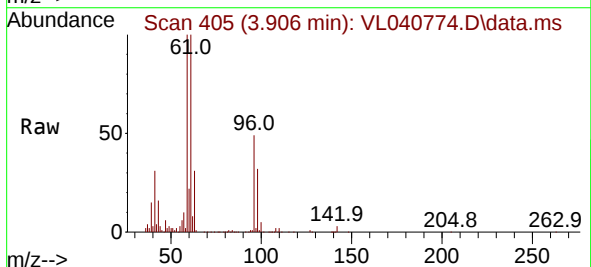
Tgt Ion: 96 Resp: 434076

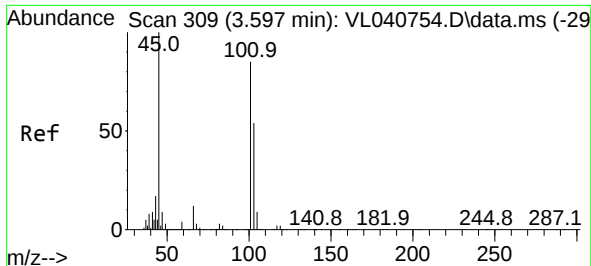
Ion Ratio Lower Upper

96 100

61 202.0 152.5 228.7

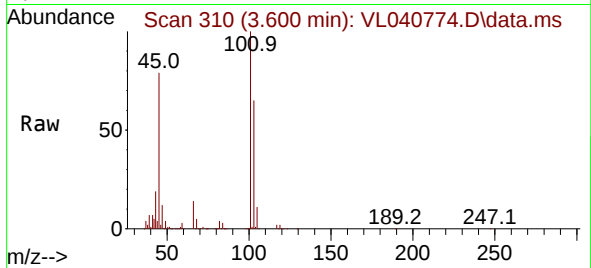
98 64.6 49.6 74.4





#19
Isopropyl Alcohol
Concen: 10.927 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

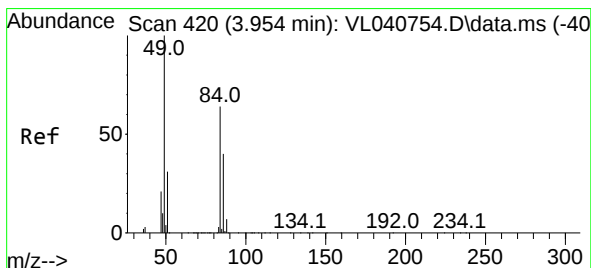
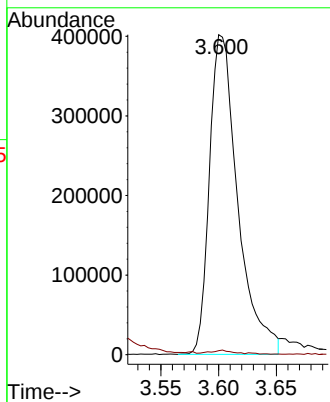
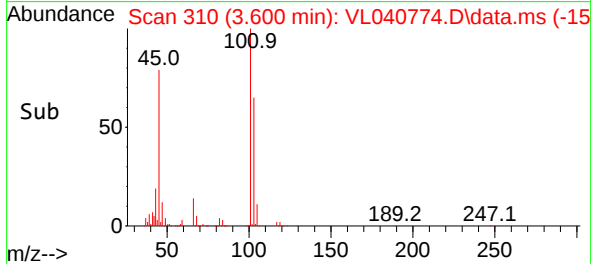
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



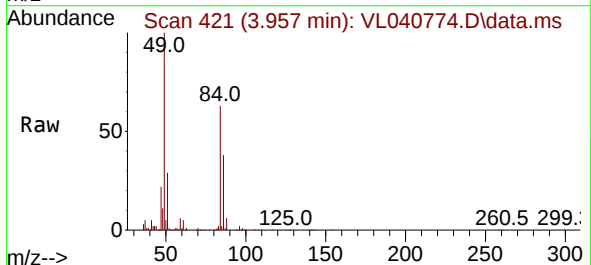
Tgt Ion: 45 Resp: 685039
Ion Ratio Lower Upper
45 100
58 1.3 30.3 45.5

Manual Integrations
APPROVED

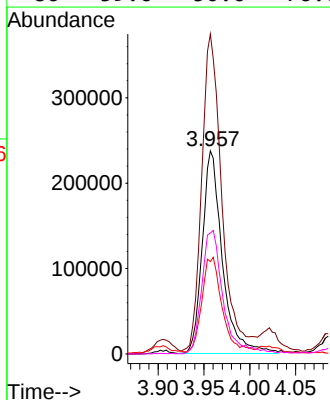
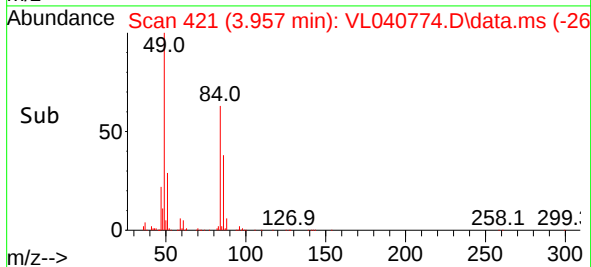
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023

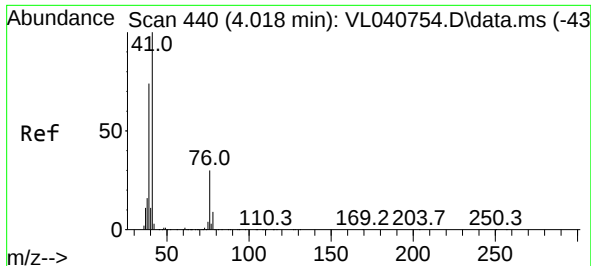


#20
Methylene Chloride
Concen: 8.935 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34



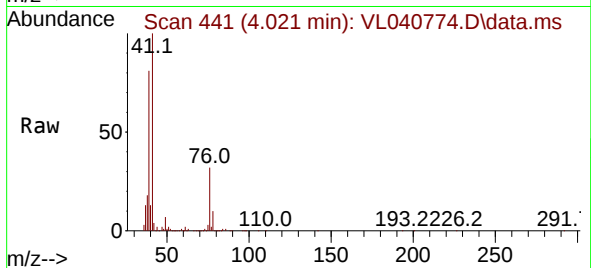
Tgt Ion: 84 Resp: 362453
Ion Ratio Lower Upper
84 100
49 155.8 125.6 188.4
51 44.3 38.9 58.3
86 59.6 50.6 76.0





#21
 Allyl Chloride
 Concen: 10.106 ppbv
 RT: 4.021 min Scan# 44
 Delta R.T. 0.003 min
 Lab File: VL040774.D
 Acq: 12 Oct 2023 8:34

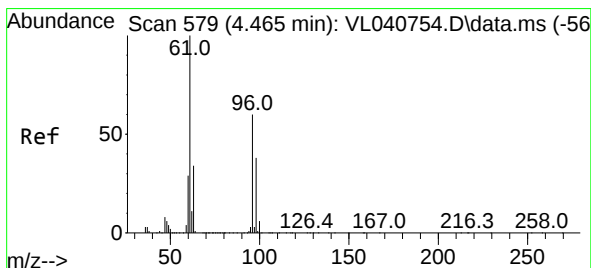
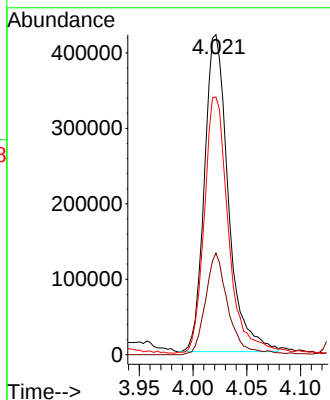
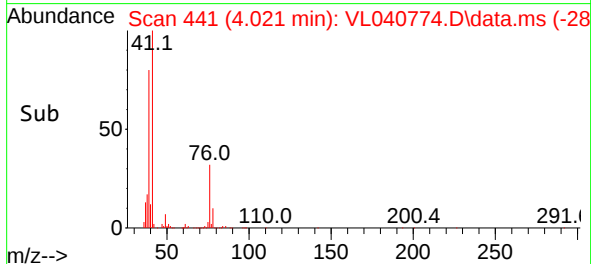
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 649085
 Ion Ratio Lower Upper
 41 100
 76 30.8 24.1 36.1
 39 82.9 63.8 95.6

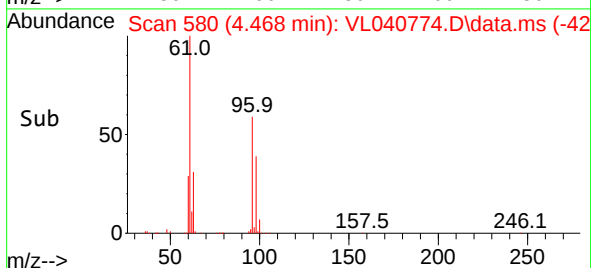
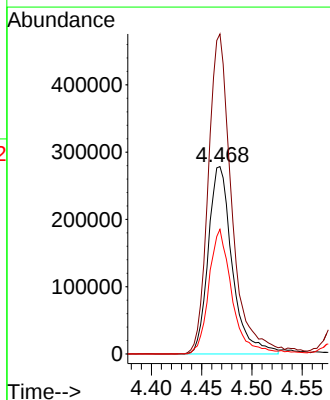
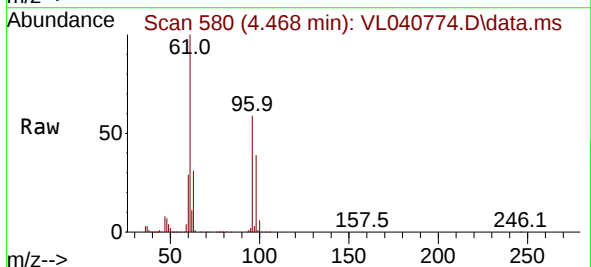
Manual Integrations
 APPROVED

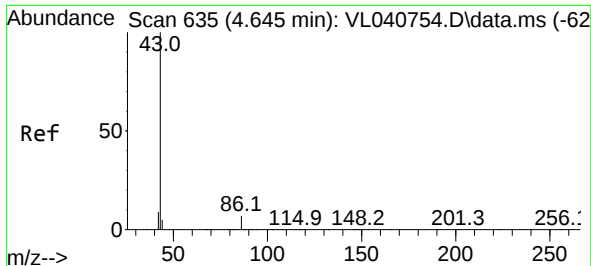
Reviewed By :Semsettin Yesilyurt 10/13/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.616 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.003 min
 Lab File: VL040774.D
 Acq: 12 Oct 2023 8:34

Tgt Ion: 96 Resp: 462440
 Ion Ratio Lower Upper
 96 100
 61 170.7 134.0 201.0
 98 66.5 51.0 76.4





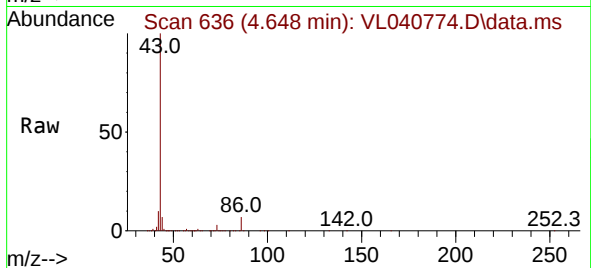
#23
 Vinyl Acetate
 Concen: 9.489 ppbv
 RT: 4.648 min Scan# 616
 Delta R.T. 0.003 min
 Lab File: VL040774.D
 Acq: 12 Oct 2023 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

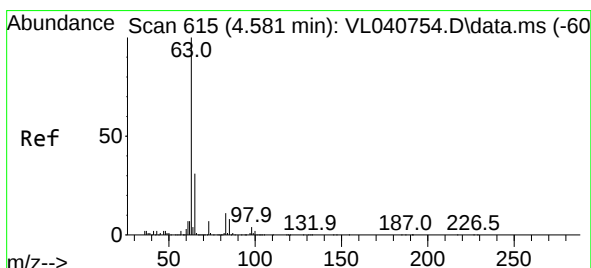
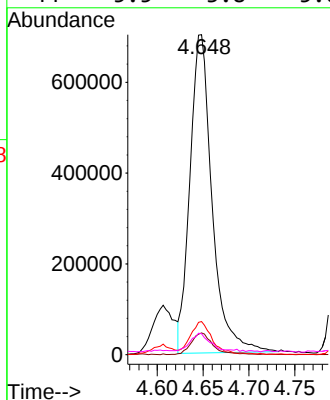
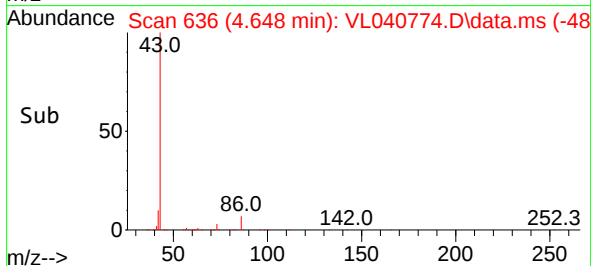


Tgt Ion: 43 Resp: 1177740
 Ion Ratio Lower Upper
 43 100
 86 6.8 4.9 7.3
 42 10.2 7.8 11.6
 44 5.5 3.8 5.6

Manual Integrations

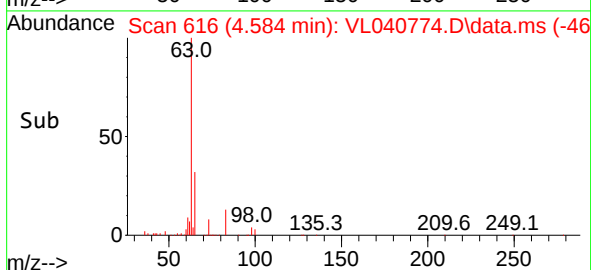
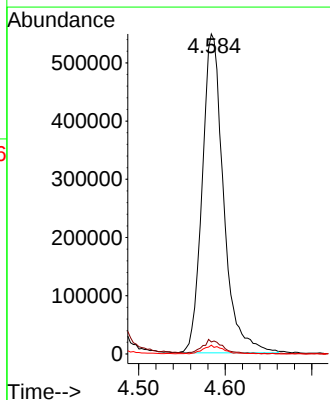
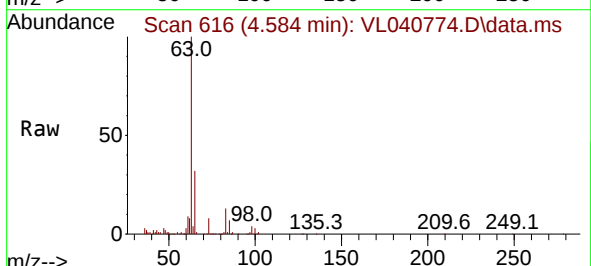
APPROVED

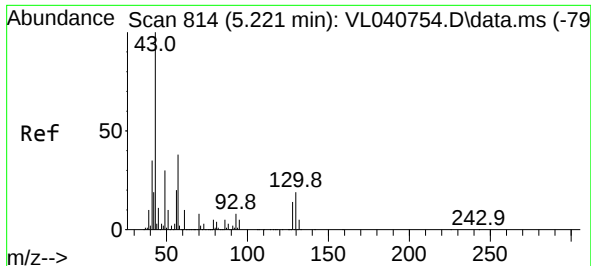
Reviewed By :Semsettin Yesilyurt 10/13/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#24
 1,1-Dichloroethane
 Concen: 10.004 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.003 min
 Lab File: VL040774.D
 Acq: 12 Oct 2023 8:34

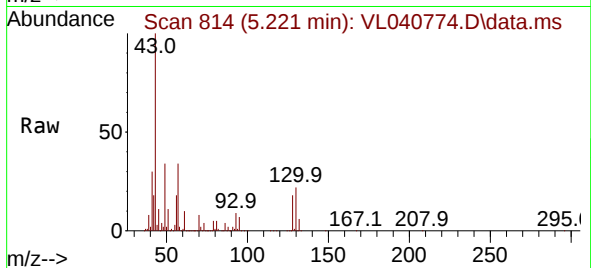
Tgt Ion: 63 Resp: 936526
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.0 5.8
 100 2.7 1.3 3.8





#25
Ethyl Acetate
Concen: 9.983 ppbv
RT: 5.221 min Scan# 814
Delta R.T. -0.000 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

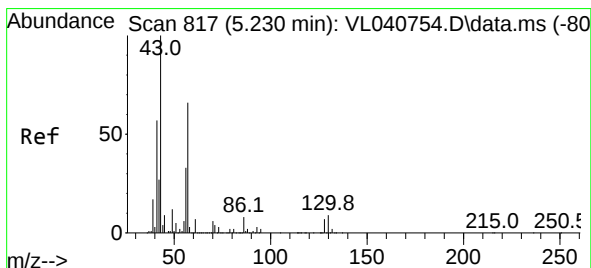
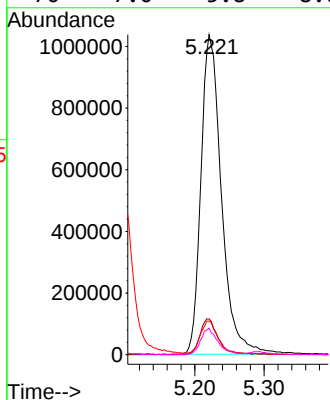
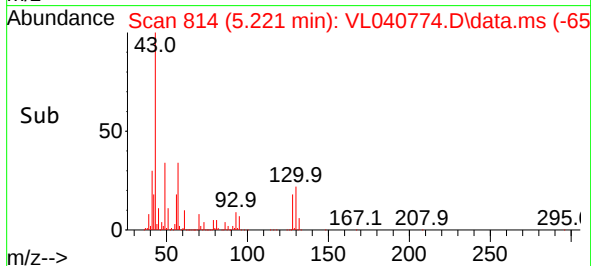
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 2130270
Ion Ratio Lower Upper
43 100
45 9.9 8.2 12.4
61 9.5 8.2 12.2
70 7.0 5.8 8.6

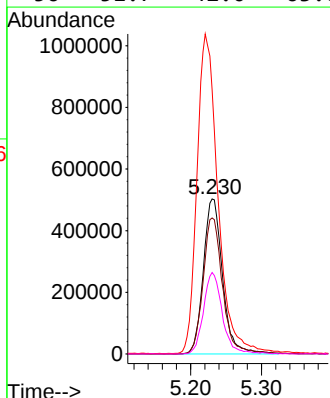
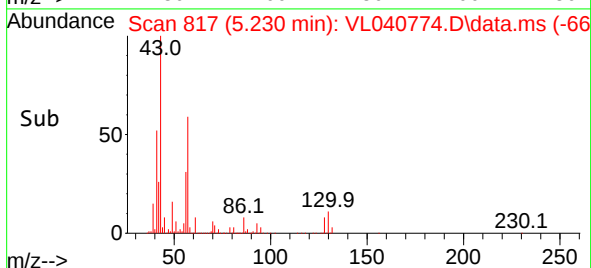
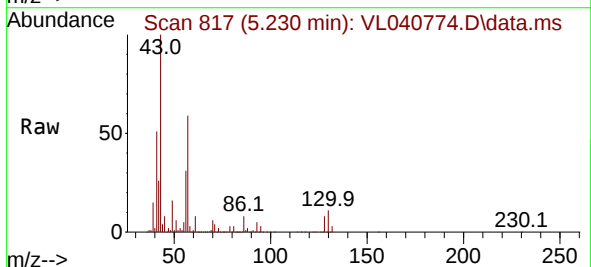
Manual Integrations
APPROVED

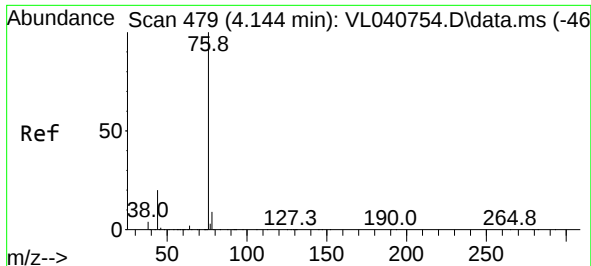
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023



#26
Hexane
Concen: 9.714 ppbv
RT: 5.230 min Scan# 817
Delta R.T. -0.000 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

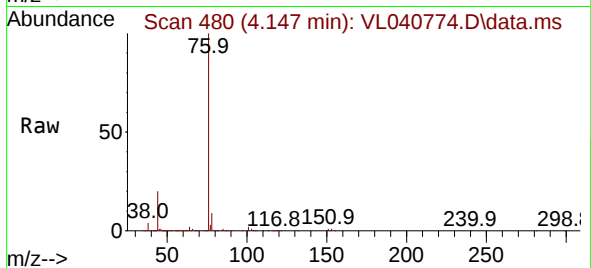
Tgt Ion: 57 Resp: 947329
Ion Ratio Lower Upper
57 100
41 89.2 71.4 107.2
43 226.3 182.3 273.5
56 51.7 42.0 63.0





#27
Carbon Disulfide
Concen: 10.550 ppbv
RT: 4.147 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

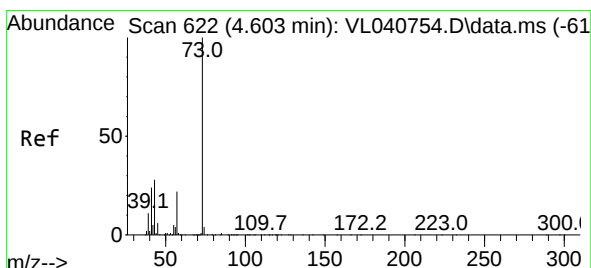
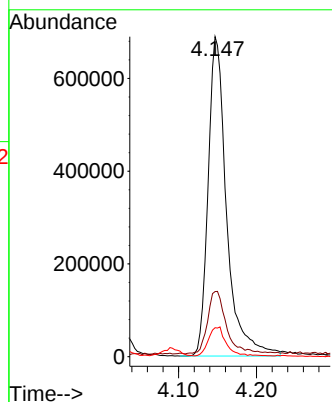
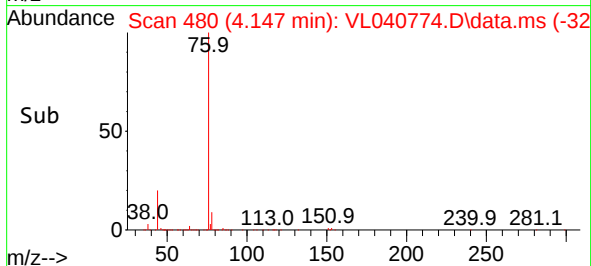
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



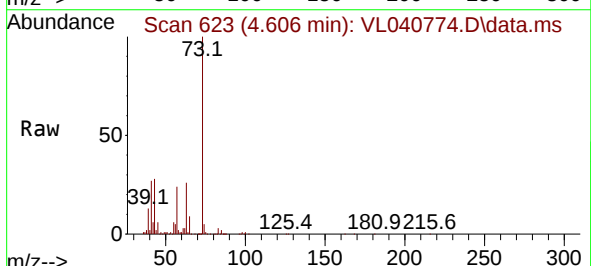
Tgt Ion: 76 Resp: 113522
Ion Ratio Lower Upper
76 100
44 20.5 16.6 25.0
78 9.4 7.8 11.6

Manual Integrations
APPROVED

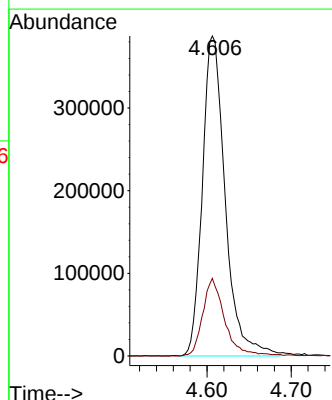
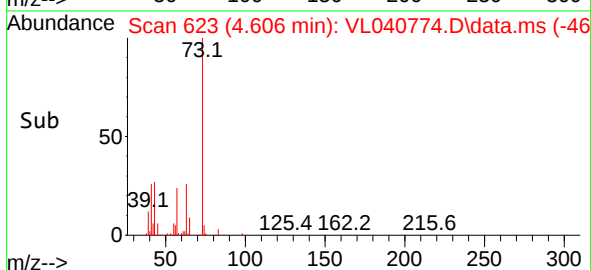
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023

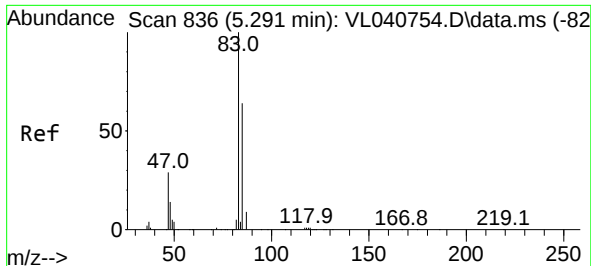


#28
Methyl tert-Butyl Ether
Concen: 9.628 ppbv
RT: 4.606 min Scan# 623
Delta R.T. 0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34



Tgt Ion: 73 Resp: 730142
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3





#29

Chloroform

Concen: 10.298 ppbv

RT: 5.295 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 145323

Ion Ratio Lower Upper

83 100

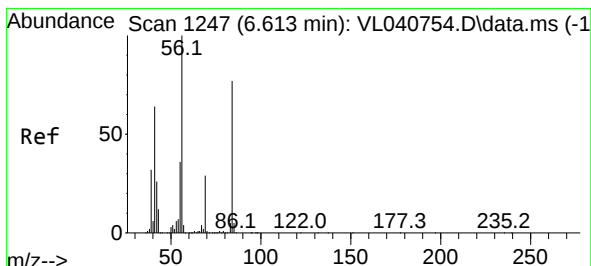
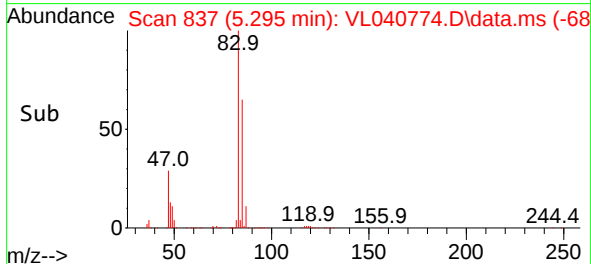
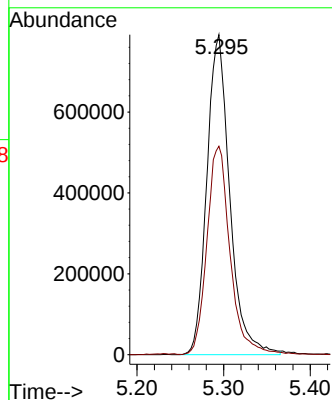
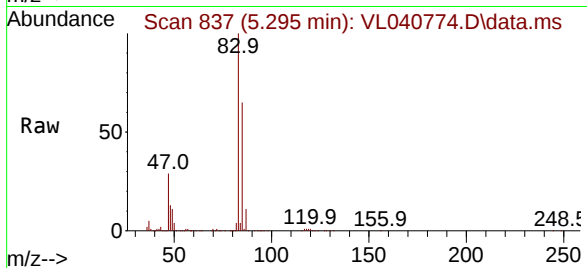
85 65.0 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/13/2023

Supervised By :Mahesh Dadoda 10/16/2023



#30

Cyclohexane

Concen: 10.049 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. -0.000 min

Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

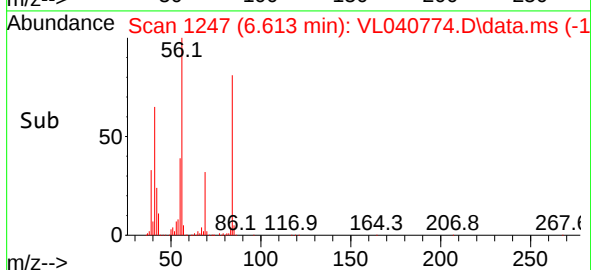
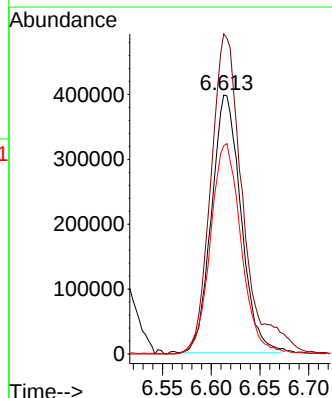
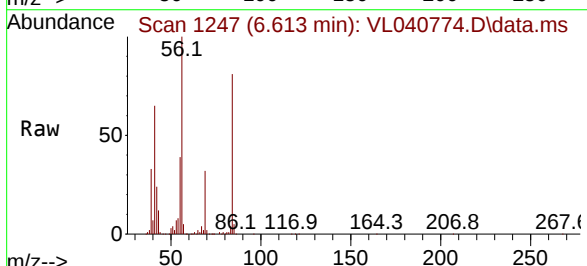
Tgt Ion: 84 Resp: 833962

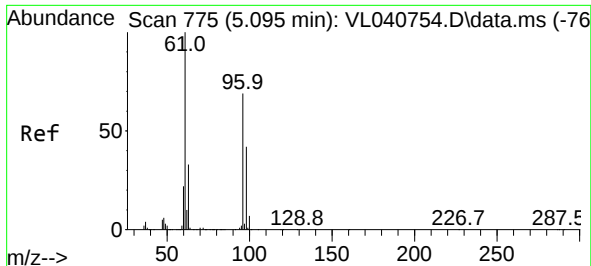
Ion Ratio Lower Upper

84 100

56 135.3 110.3 165.5

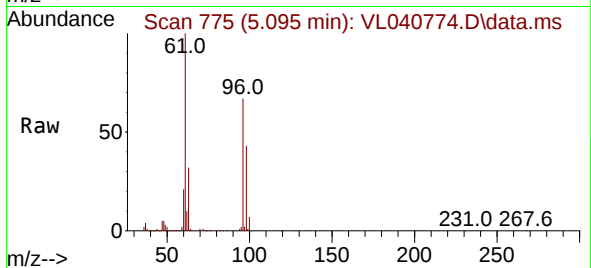
41 85.2 67.4 101.2





#31
 cis-1,2-Dichloroethene
 Concen: 10.433 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL040774.D
 Acq: 12 Oct 2023 8:34

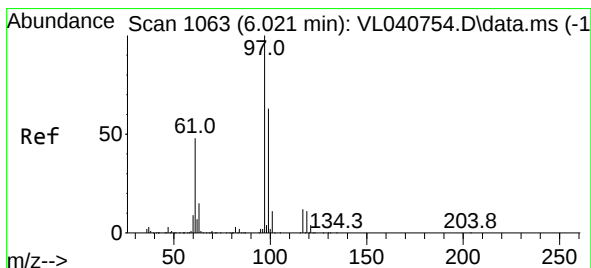
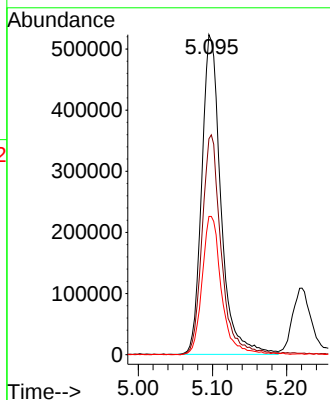
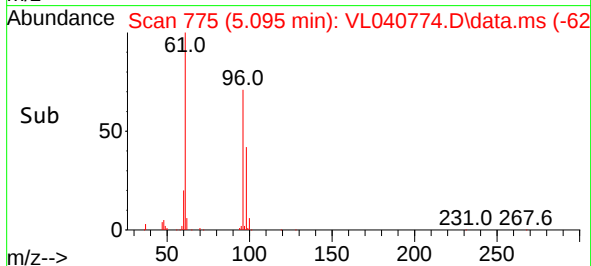
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



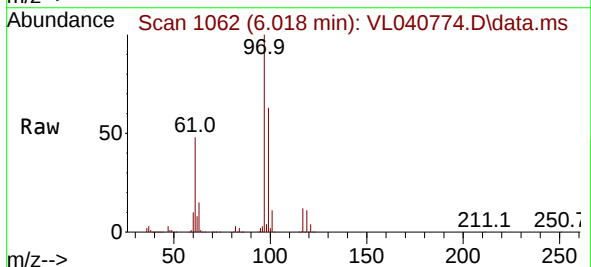
Tgt Ion: 61 Resp: 937670
 Ion Ratio Lower Upper
 61 100
 96 67.4 55.1 82.7
 98 43.2 33.5 50.3

Manual Integrations
 APPROVED

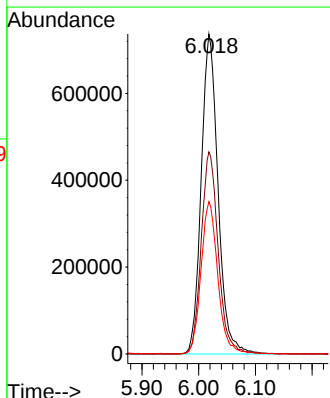
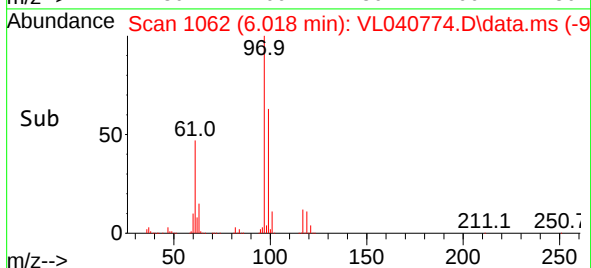
Reviewed By :Semsettin Yesilyurt 10/13/2023
 Supervised By :Mahesh Dadoda 10/16/2023

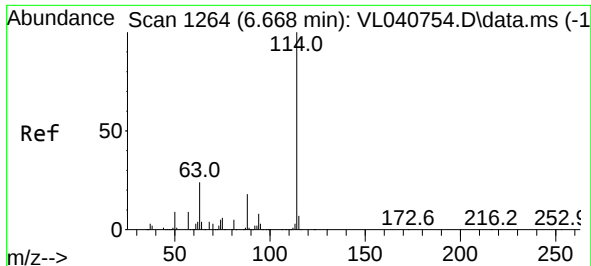


#32
 1,1,1-Trichloroethane
 Concen: 10.119 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. -0.003 min
 Lab File: VL040774.D
 Acq: 12 Oct 2023 8:34



Tgt Ion: 97 Resp: 1519780
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.8 77.6
 61 47.9 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.667 min Scan# 114

Delta R.T. -0.000 min

Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 263890

Ion Ratio Lower Upper

114 100

63 23.8 19.8 29.6

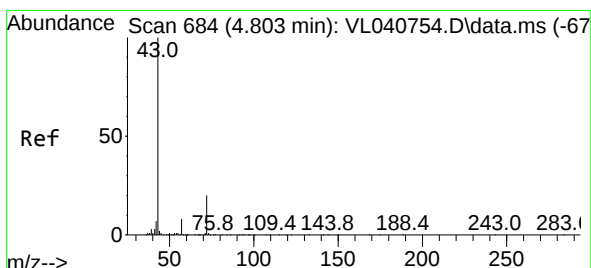
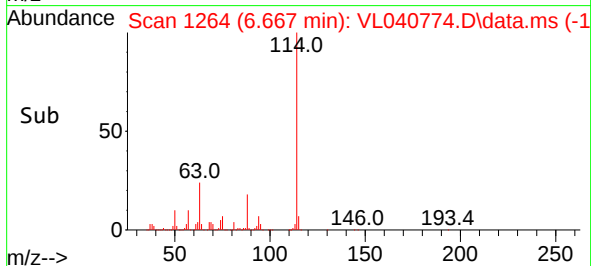
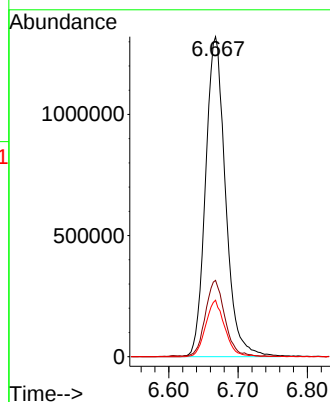
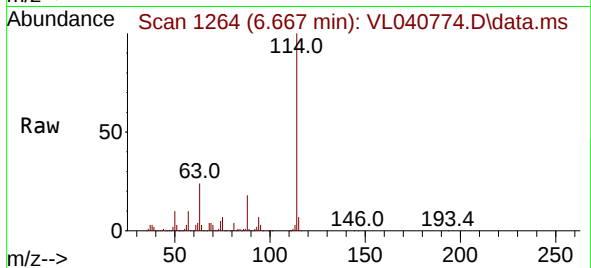
88 17.0 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/13/2023

Supervised By :Mahesh Dadoda 10/16/2023



#34

2-Butanone

Concen: 8.905 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.003 min

Lab File: VL040774.D

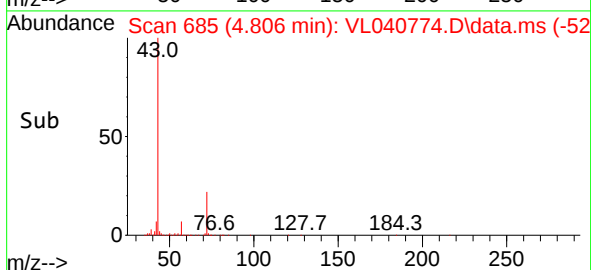
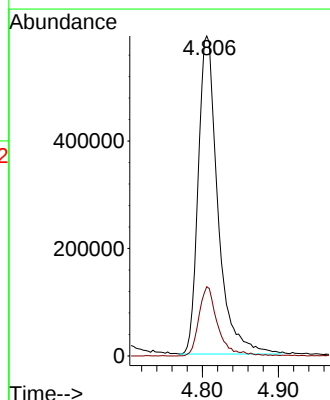
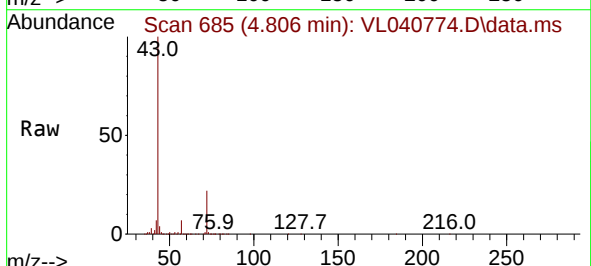
Acq: 12 Oct 2023 8:34

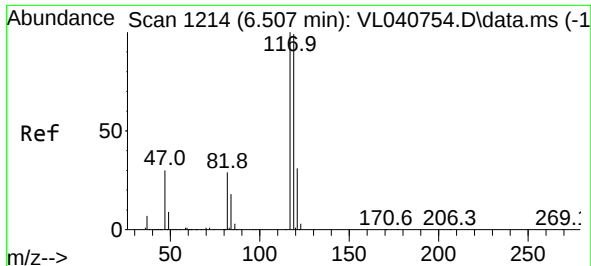
Tgt Ion: 43 Resp: 1063650

Ion Ratio Lower Upper

43 100

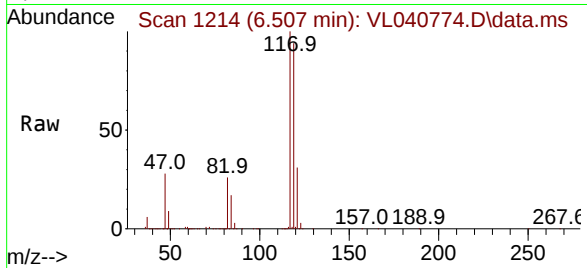
72 21.1 16.8 25.2





#35
Carbon Tetrachloride
Concen: 10.716 ppbv
RT: 6.507 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

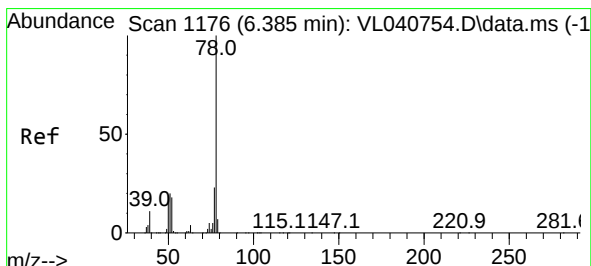
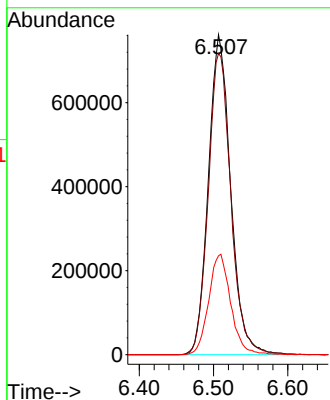
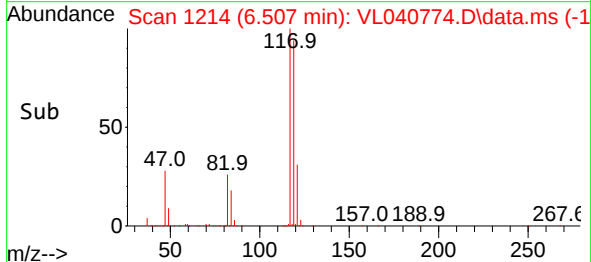
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1587160
Ion Ratio Lower Upper
117 100
119 94.1 79.4 119.0
121 30.9 25.0 37.4

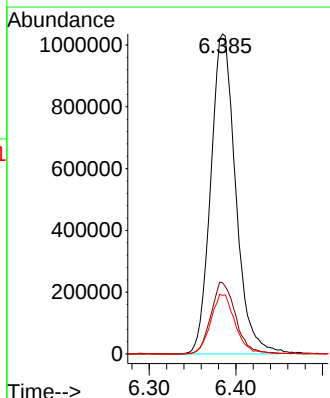
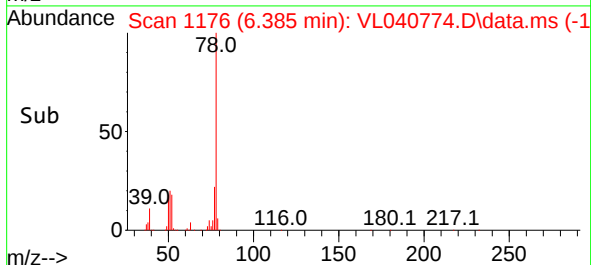
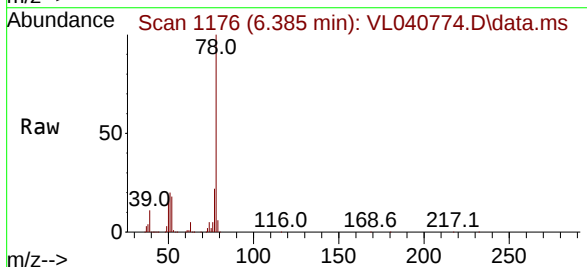
Manual Integrations
APPROVED

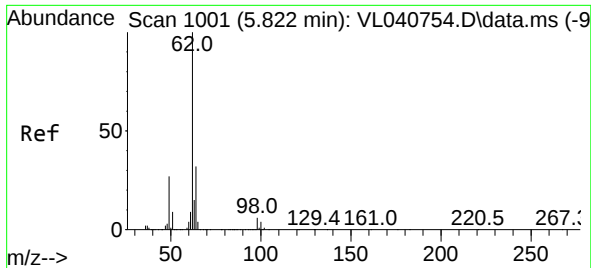
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023



#36
Benzene
Concen: 10.182 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

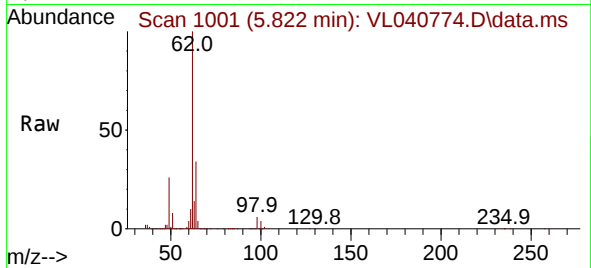
Tgt Ion: 78 Resp: 2066704
Ion Ratio Lower Upper
78 100
77 22.2 18.4 27.6
50 18.3 15.0 22.4





#37
1,2-Dichloroethane
Concen: 10.773 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

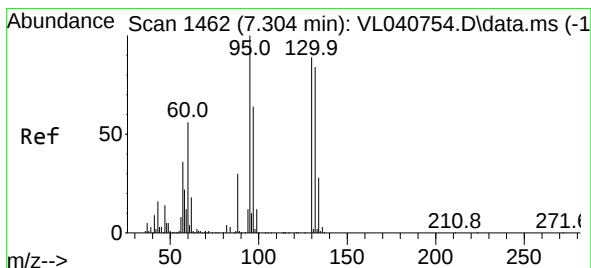
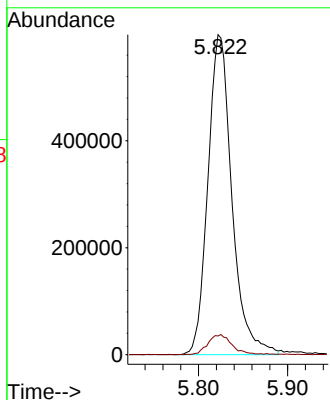
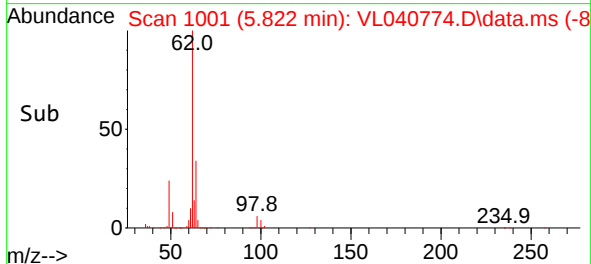
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



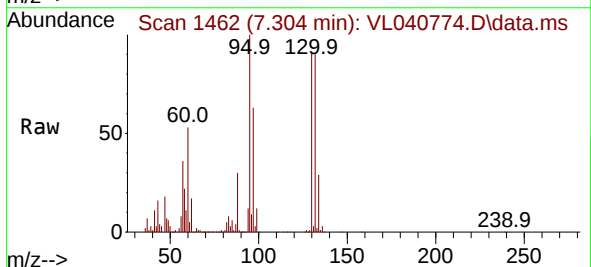
Tgt Ion: 62 Resp: 1119929
Ion Ratio Lower Upper
62 100
98 6.5 5.4 8.0

Manual Integrations
APPROVED

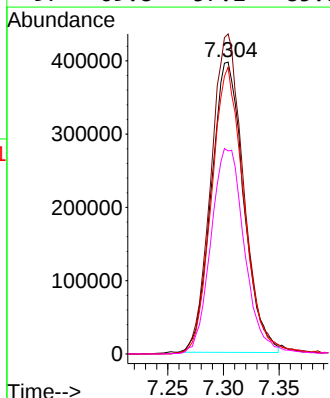
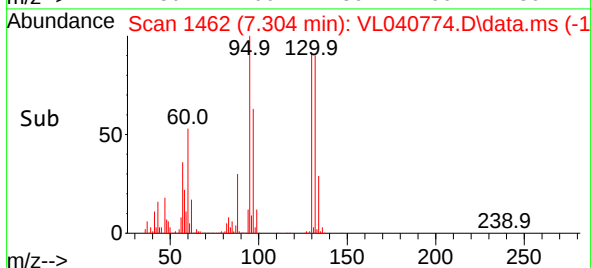
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023

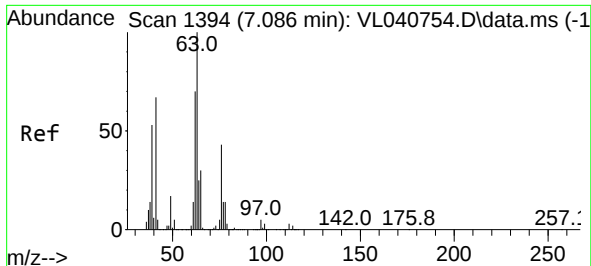


#38
Trichloroethene
Concen: 8.926 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34



Tgt Ion:130 Resp: 801832
Ion Ratio Lower Upper
130 100
95 109.8 89.4 134.2
132 98.5 74.8 112.2
97 69.8 57.2 85.8





#39

1,2-Dichloropropane

Concen: 10.102 ppbv

RT: 7.085 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

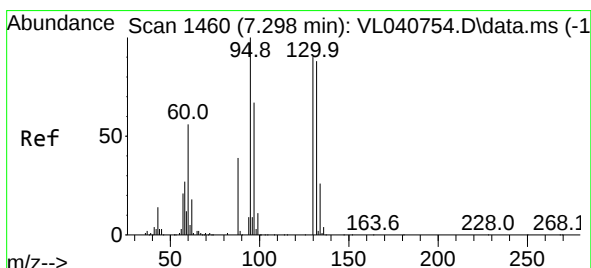
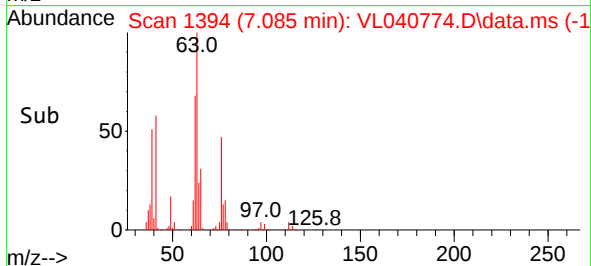
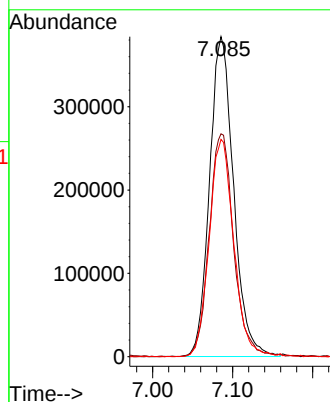
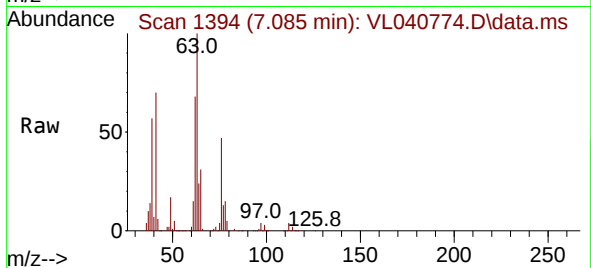
Tgt Ion: 63 Resp: 80109

Ion	Ratio	Lower	Upper
63	100		
41	69.6	53.7	80.5
62	67.9	55.7	83.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023



#40

1,4-Dioxane

Concen: 11.345 ppbv

RT: 7.294 min Scan# 1459

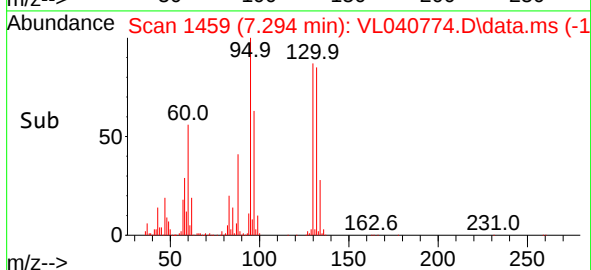
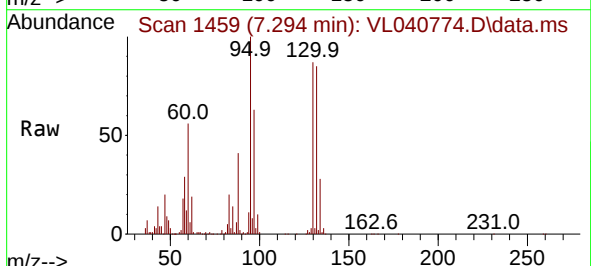
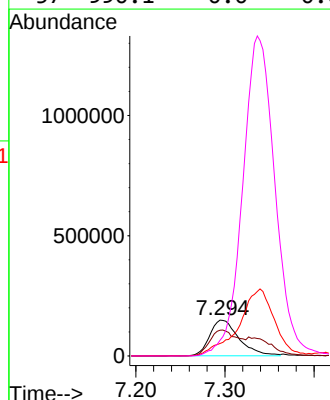
Delta R.T. -0.003 min

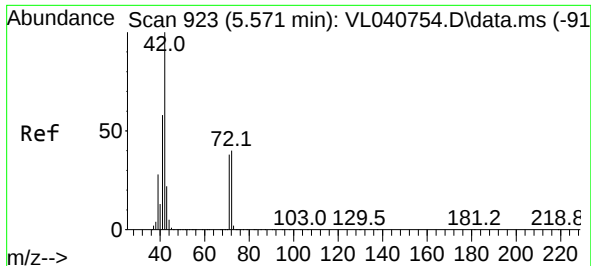
Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

Tgt Ion: 88 Resp: 340456

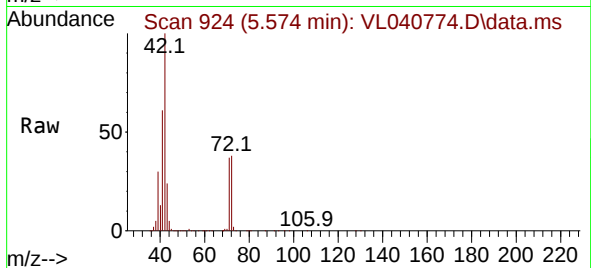
Ion	Ratio	Lower	Upper
88	100		
58	115.4	100.0	150.0
43	225.3	0.0	0.0#
57	990.1	0.0	0.0#





#41
Tetrahydrofuran
Concen: 10.277 ppbv
RT: 5.574 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

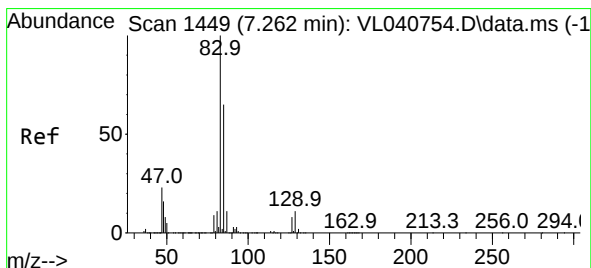
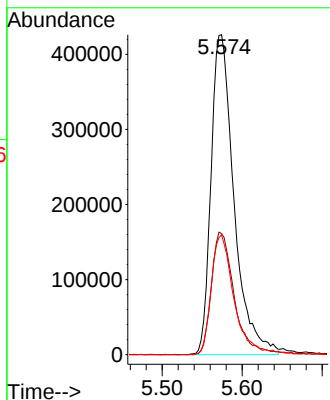
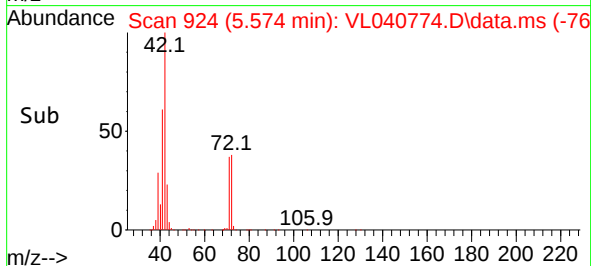
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



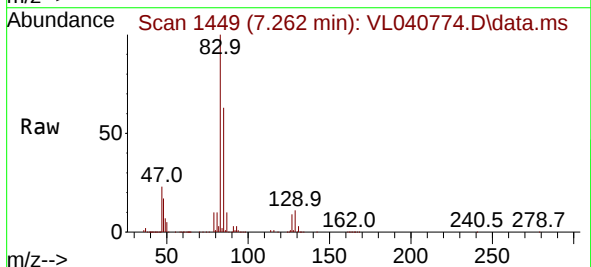
Tgt Ion: 42 Resp: 85009
Ion Ratio Lower Upper
42 100
72 38.5 31.1 46.7
71 37.5 29.7 44.5

Manual Integrations
APPROVED

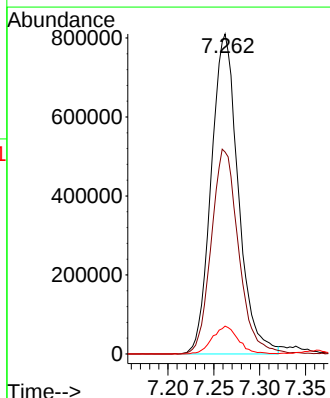
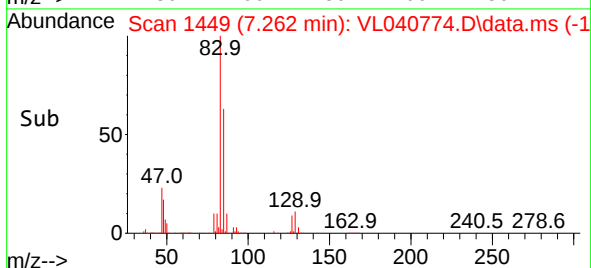
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023

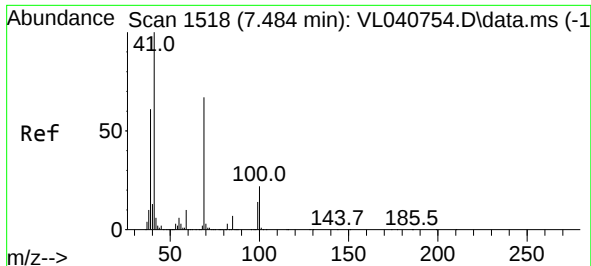


#42
Bromodichloromethane
Concen: 10.656 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34



Tgt Ion: 83 Resp: 1659386
Ion Ratio Lower Upper
83 100
85 63.1 52.1 78.1
127 8.7 6.7 10.1





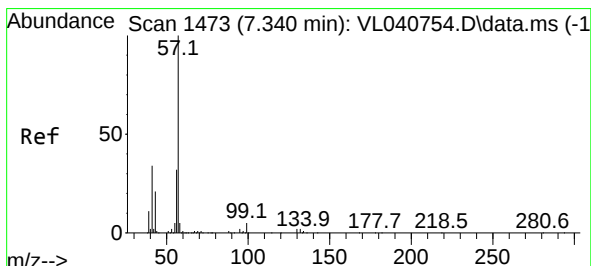
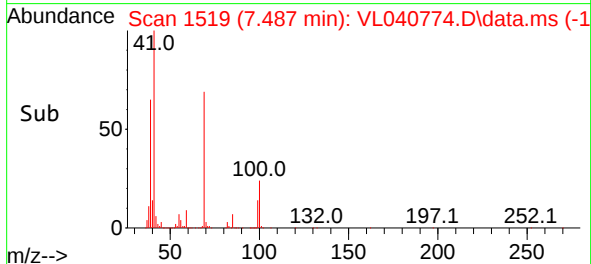
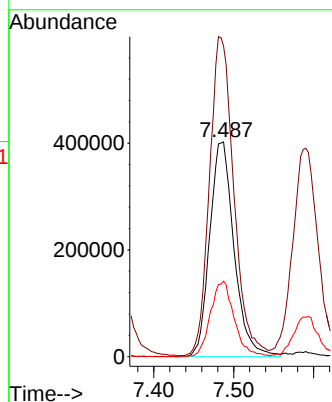
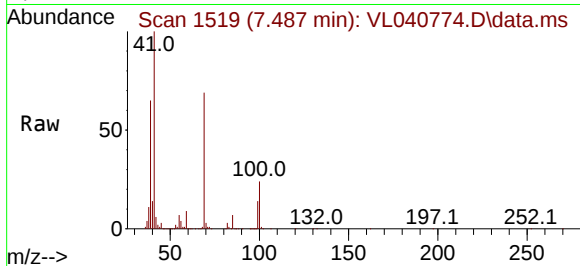
#43
Methyl Methacrylate
Concen: 10.493 ppbv
RT: 7.487 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 85256
Ion Ratio Lower Upper
69 100
41 147.9 120.6 181.0
100 34.1 27.1 40.7

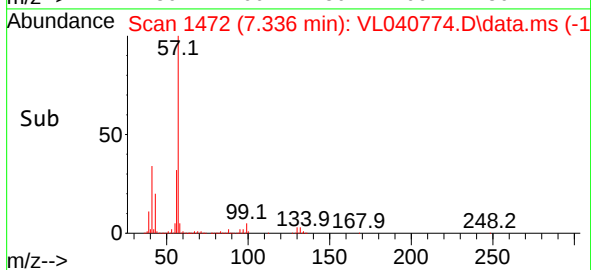
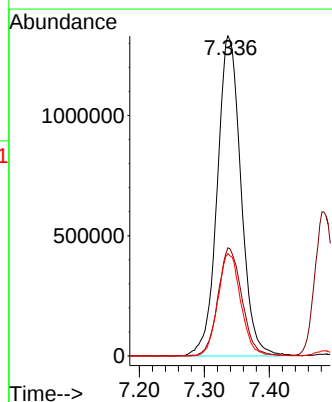
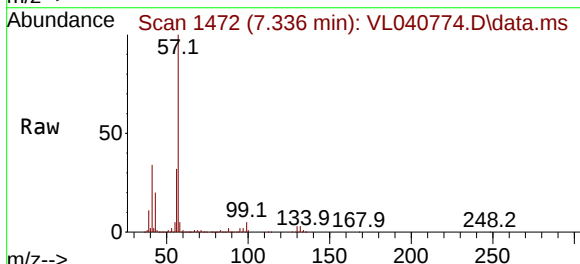
Manual Integrations
APPROVED

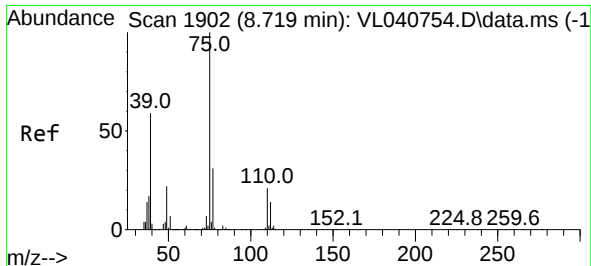
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023



#44
2,2,4-Trimethylpentane
Concen: 9.795 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

Tgt Ion: 57 Resp: 3362182
Ion Ratio Lower Upper
57 100
41 34.3 27.4 41.0
56 31.1 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 9.213 ppbv

RT: 8.716 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 596920

Ion Ratio Lower Upper

75 100

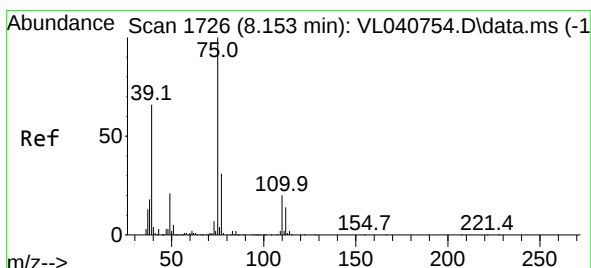
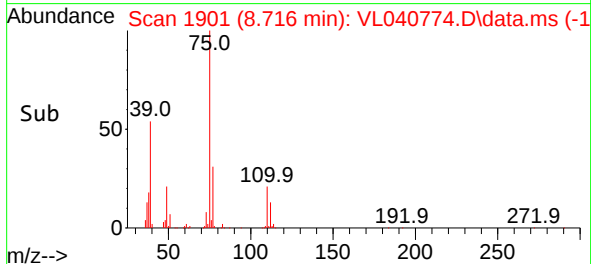
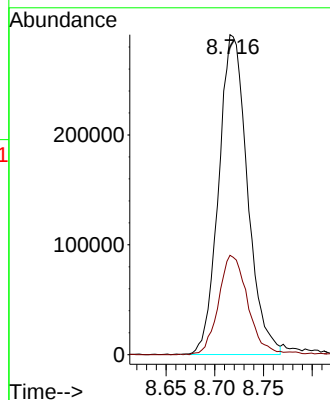
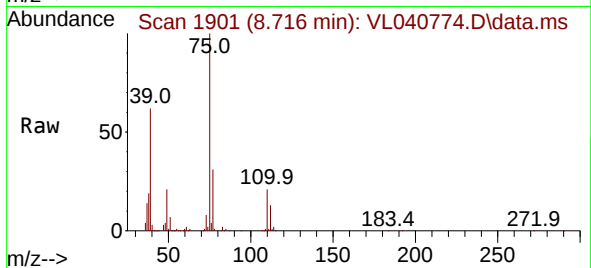
77 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/13/2023

Supervised By :Mahesh Dadoda 10/16/2023



#46

cis-1,3-Dichloropropene

Concen: 9.170 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. -0.000 min

Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

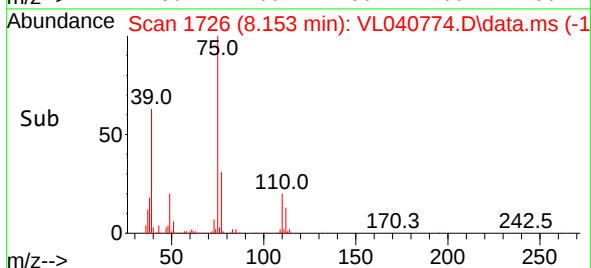
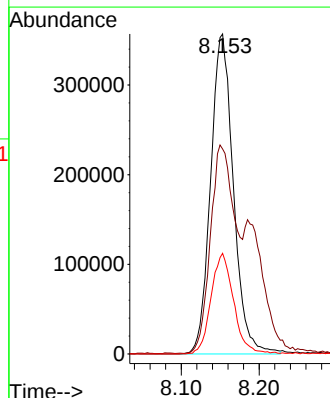
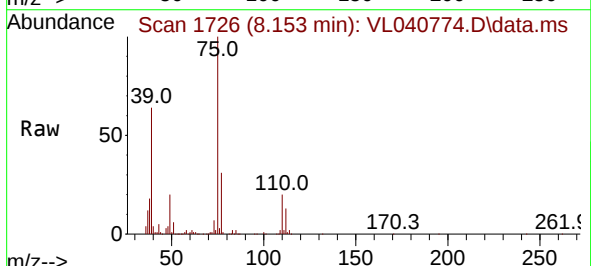
Tgt Ion: 75 Resp: 725861

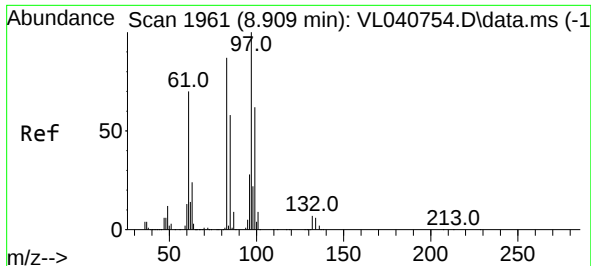
Ion Ratio Lower Upper

75 100

39 63.8 52.4 78.6

77 31.5 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 10.346 ppbv

RT: 8.905 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 86183

Ion Ratio Lower Upper

97 100

83 87.8 69.5 104.3

85 55.0 46.6 69.8

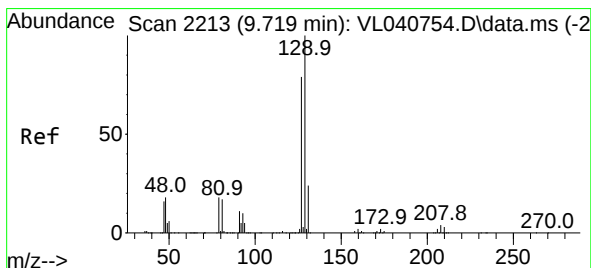
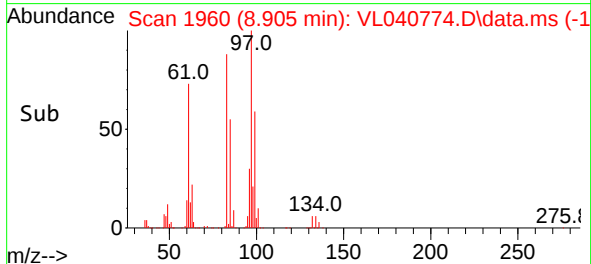
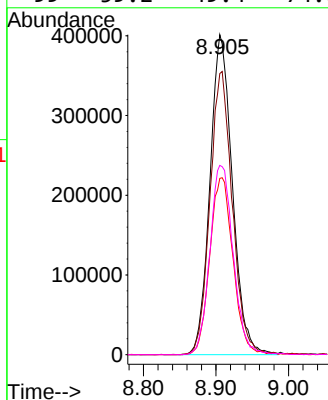
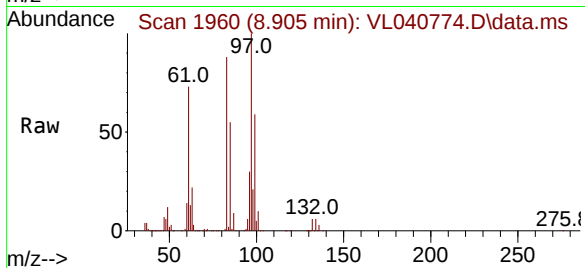
99 59.2 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/13/2023

Supervised By :Mahesh Dadoda 10/16/2023



#48

Dibromochloromethane

Concen: 10.850 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. -0.003 min

Lab File: VL040774.D

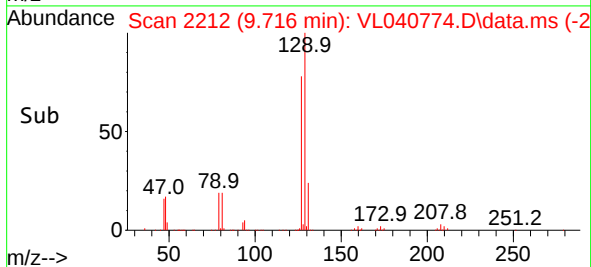
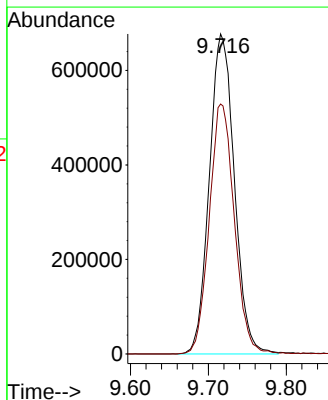
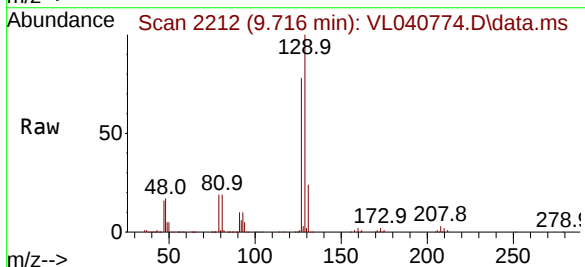
Acq: 12 Oct 2023 8:34

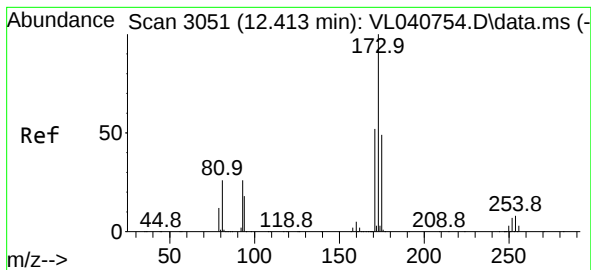
Tgt Ion:129 Resp: 1514678

Ion Ratio Lower Upper

129 100

127 78.3 39.1 117.3





#49

Bromoform

Concen: 10.778 ppbv

RT: 12.410 min Scan# 3051

Delta R.T. -0.003 min

Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 122306

Ion Ratio Lower Upper

173 100

175 48.7 39.2 58.8

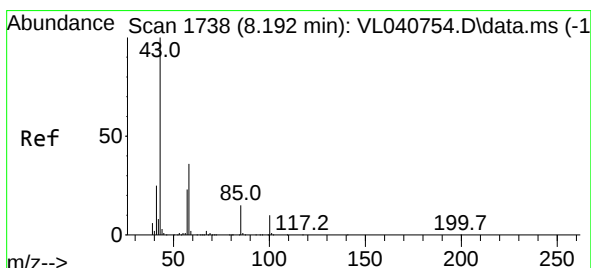
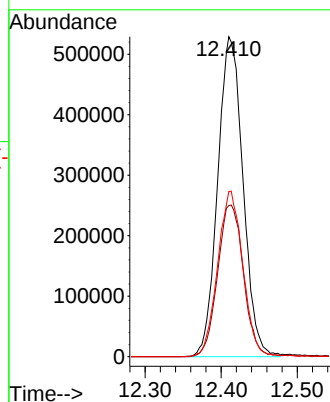
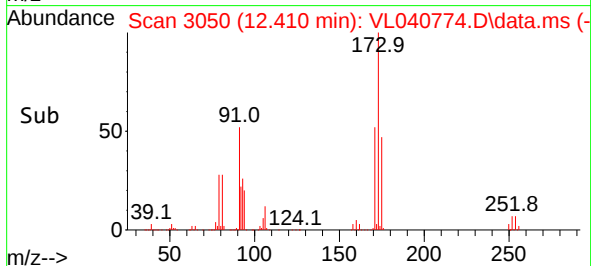
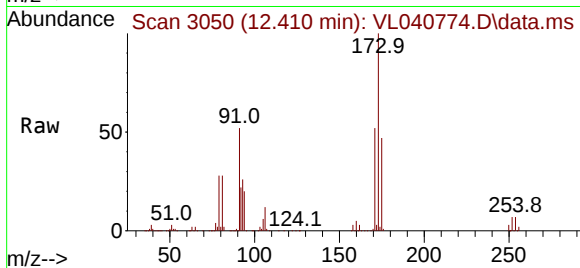
171 51.7 42.0 63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/13/2023

Supervised By :Mahesh Dadoda 10/16/2023



#50

4-Methyl-2-Pentanone

Concen: 10.288 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. -0.000 min

Lab File: VL040774.D

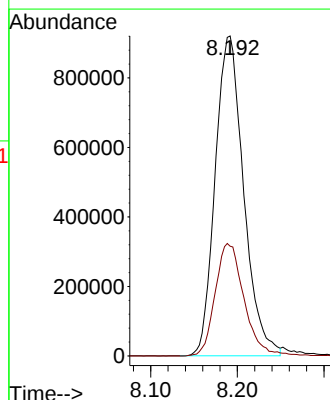
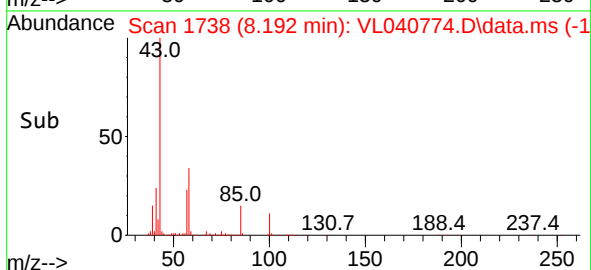
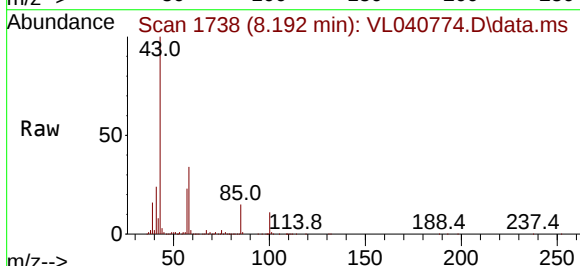
Acq: 12 Oct 2023 8:34

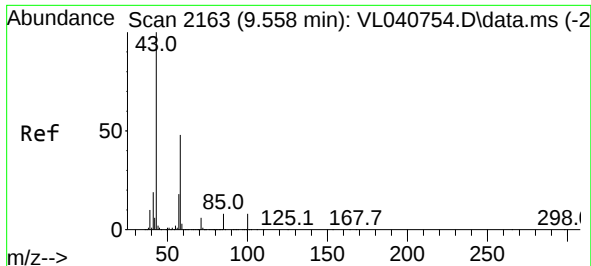
Tgt Ion: 43 Resp: 2102195

Ion Ratio Lower Upper

43 100

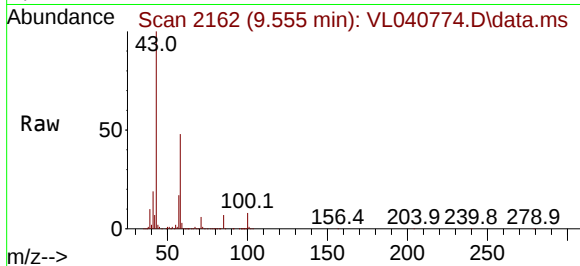
58 35.8 28.8 43.2





#51
2-Hexanone
Concen: 10.157 ppbv
RT: 9.555 min Scan# 2163
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

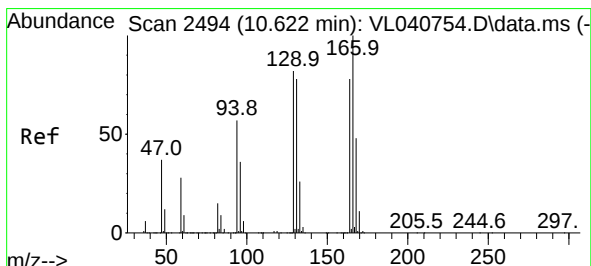
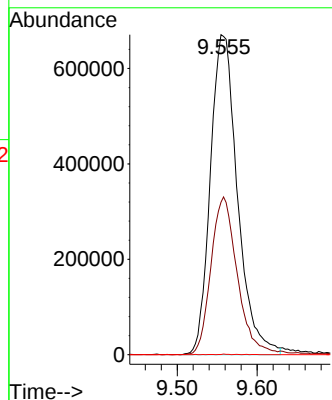
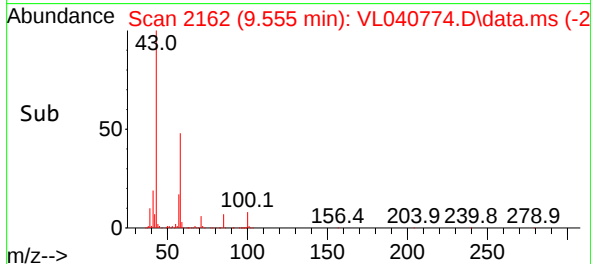
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 157957
Ion Ratio Lower Upper
43 100
58 48.9 38.6 58.0
98 0.1 0.0 0.0

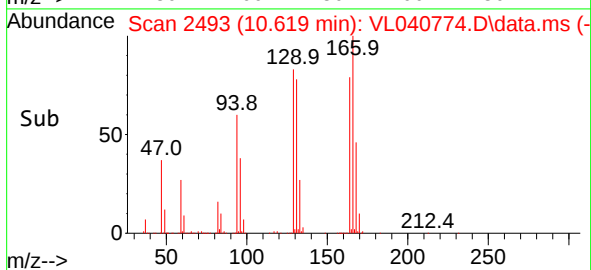
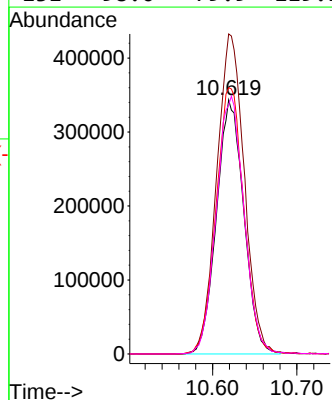
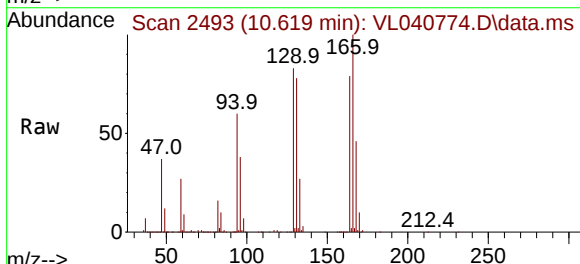
Manual Integrations
APPROVED

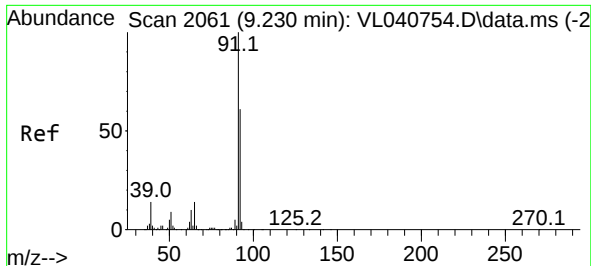
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023



#52
Tetrachloroethene
Concen: 9.346 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

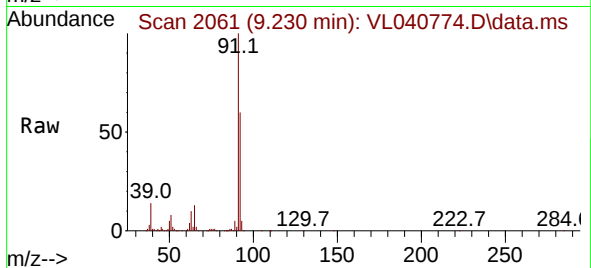
Tgt Ion:164 Resp: 770530
Ion Ratio Lower Upper
164 100
166 125.9 102.4 153.6
129 104.7 84.2 126.4
131 98.0 79.9 119.9





#53
Toluene
Concen: 9.948 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

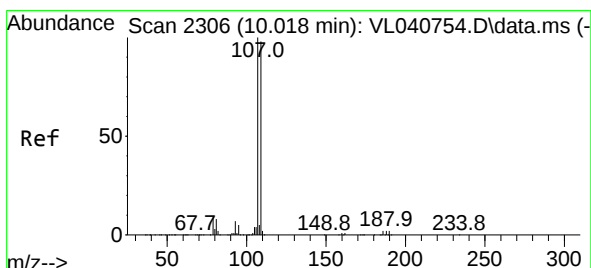
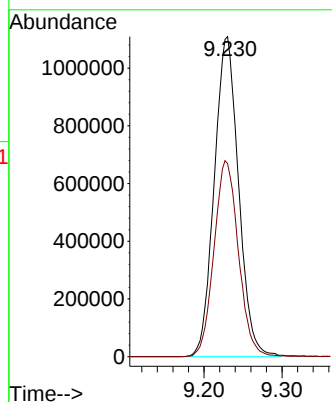
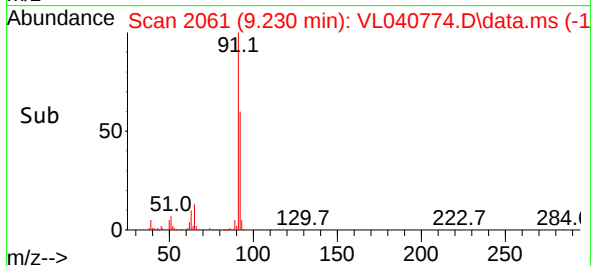
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



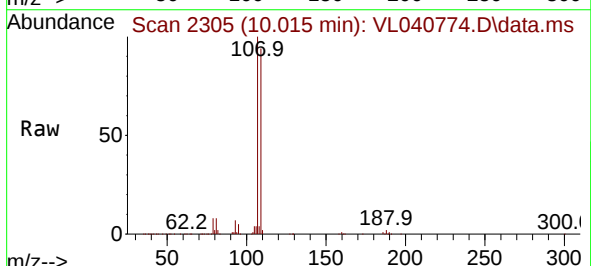
Tgt Ion: 91 Resp: 2403228
Ion Ratio Lower Upper
91 100
92 61.8 50.2 75.2

Manual Integrations
APPROVED

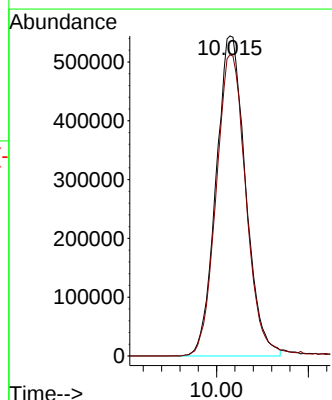
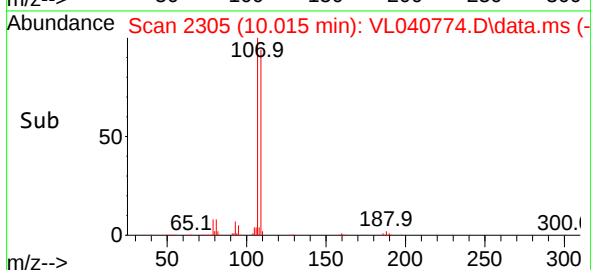
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023

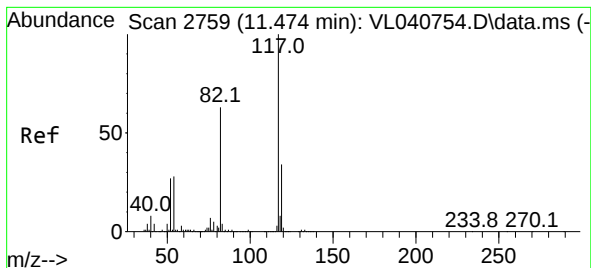


#54
1,2-Dibromoethane
Concen: 10.406 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34



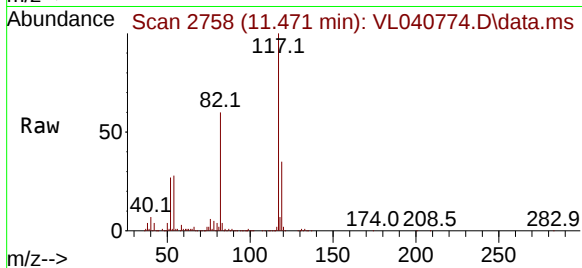
Tgt Ion:107 Resp: 1215200
Ion Ratio Lower Upper
107 100
109 94.1 78.2 117.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2759
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

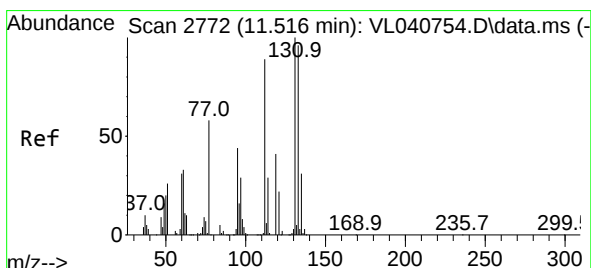
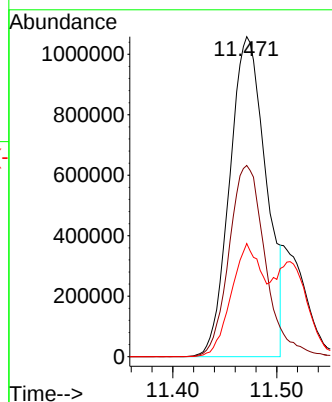
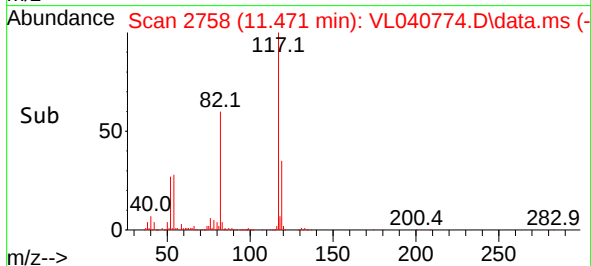
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



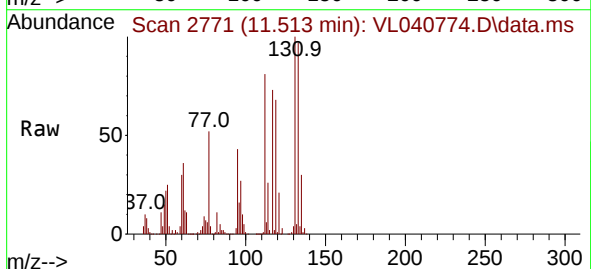
Tgt Ion:117 Resp: 2569079
Ion Ratio Lower Upper
117 100
82 60.3 46.6 70.0
119 31.9 26.0 39.0

Manual Integrations
APPROVED

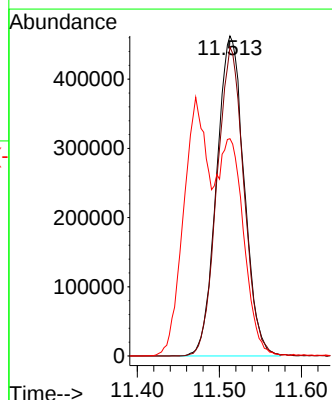
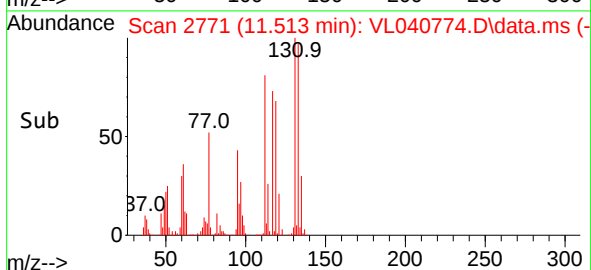
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023

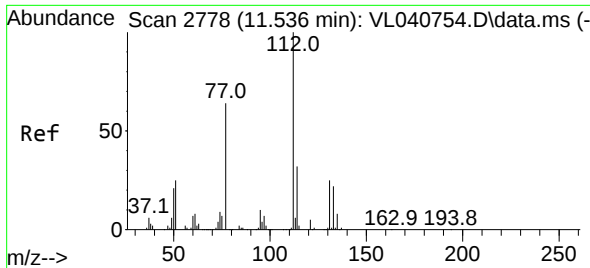


#56
1,1,1,2-Tetrachloroethane
Concen: 10.270 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34



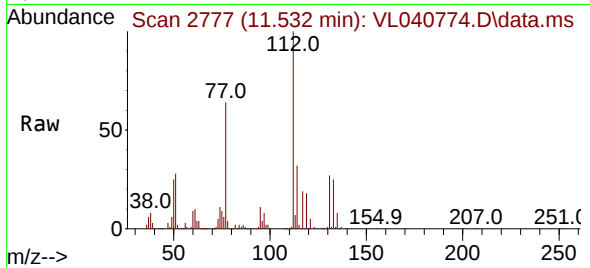
Tgt Ion:131 Resp: 1076795
Ion Ratio Lower Upper
131 100
133 95.1 75.0 112.6
119 58.0 45.4 68.0





#57
Chlorobenzene
Concen: 9.993 ppbv
RT: 11.532 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

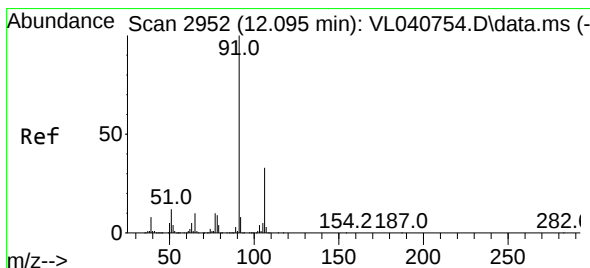
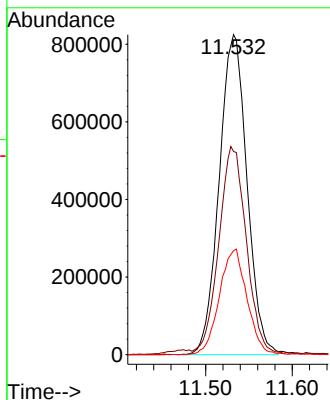
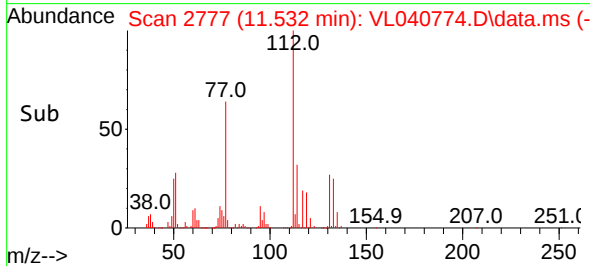
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



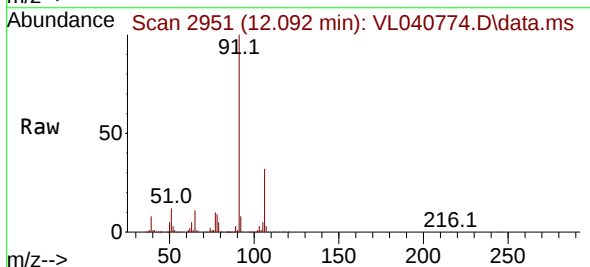
Tgt Ion:112 Resp: 183939
Ion Ratio Lower Upper
112 100
77 62.6 51.9 77.9
114 32.4 28.6 35.0

Manual Integrations
APPROVED

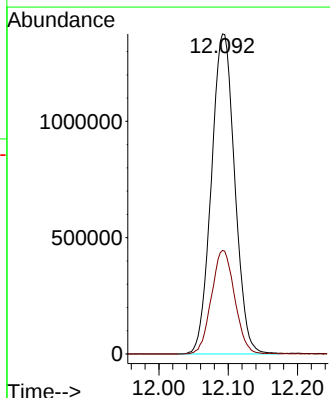
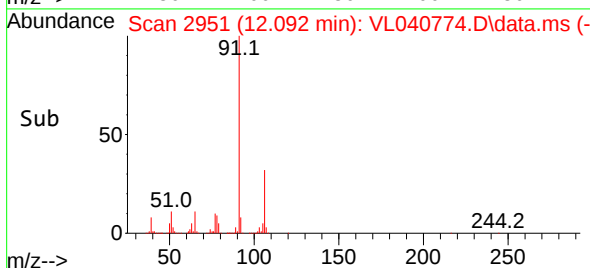
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023

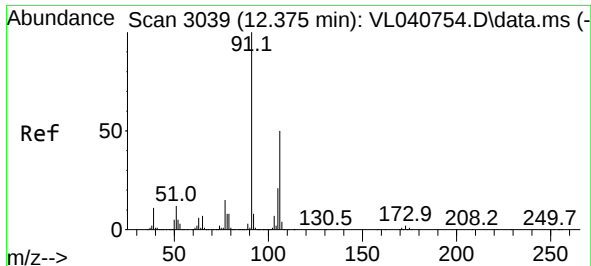


#58
Ethyl Benzene
Concen: 9.971 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34



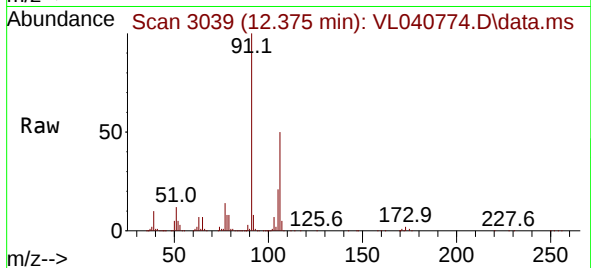
Tgt Ion: 91 Resp: 3225246
Ion Ratio Lower Upper
91 100
106 32.4 26.7 40.1





#59
m/p-Xylene
Concen: 19.835 ppbv m
RT: 12.375 min Scan# 3039
Delta R.T. -0.000 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

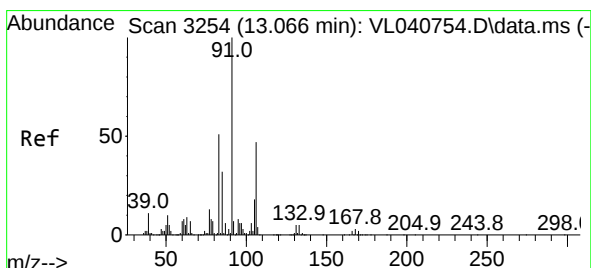
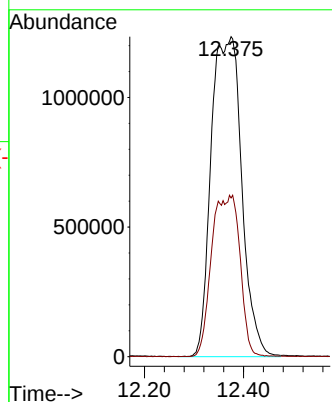
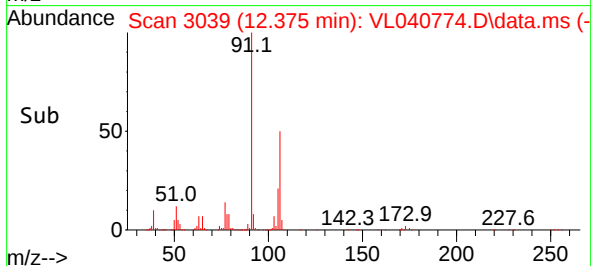
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 528056
Ion Ratio Lower Upper
91 100
106 46.9 37.7 56.5

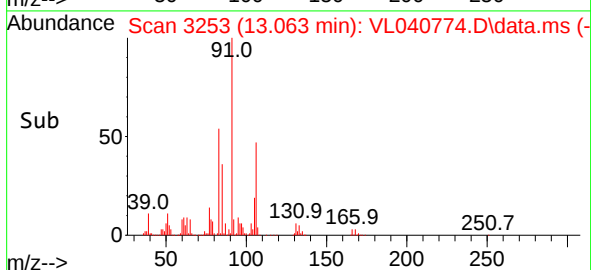
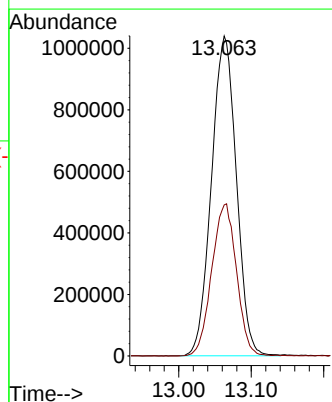
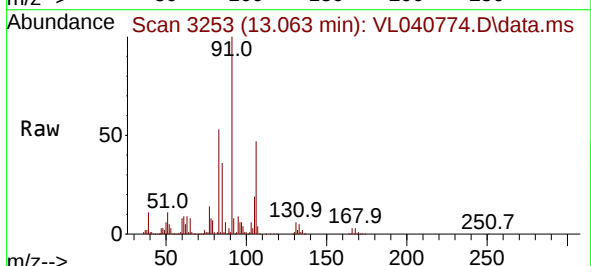
Manual Integrations
APPROVED

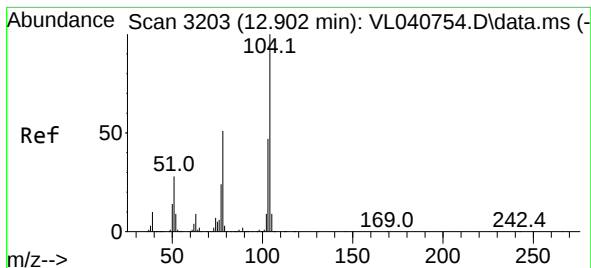
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023



#60
o-Xylene
Concen: 9.775 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

Tgt Ion: 91 Resp: 2479646
Ion Ratio Lower Upper
91 100
106 47.3 23.5 70.5





#61

Styrene

Concen: 10.331 ppbv

RT: 12.902 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

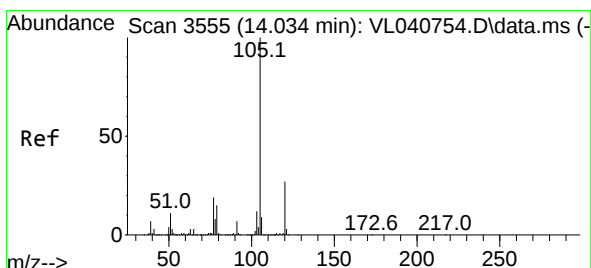
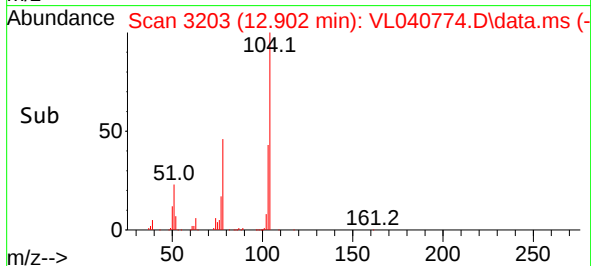
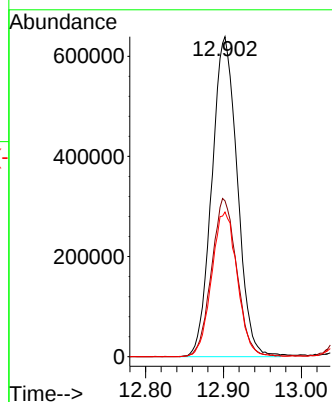
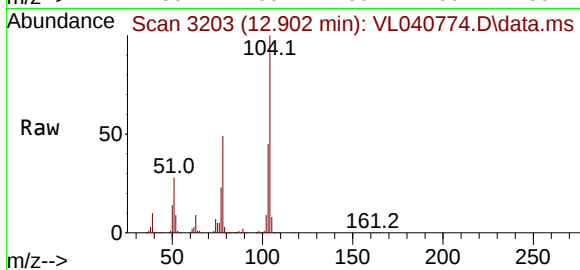
Tgt Ion:104 Resp: 145200

Ion	Ratio	Lower	Upper
104	100		
78	49.3	39.8	59.6
103	45.7	37.5	56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023



#62

Isopropylbenzene

Concen: 9.841 ppbv

RT: 14.034 min Scan# 3555

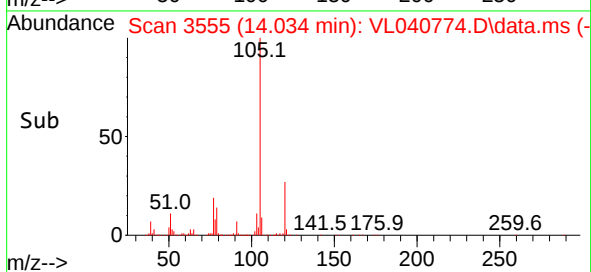
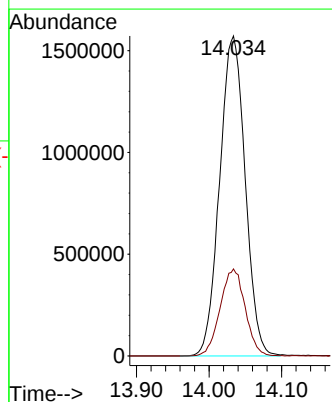
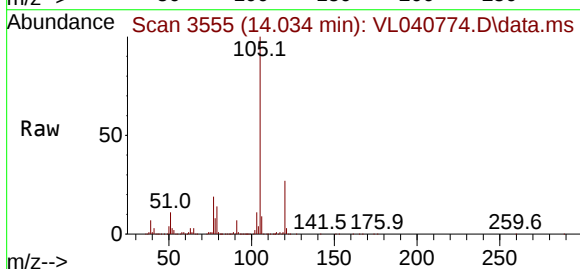
Delta R.T. -0.000 min

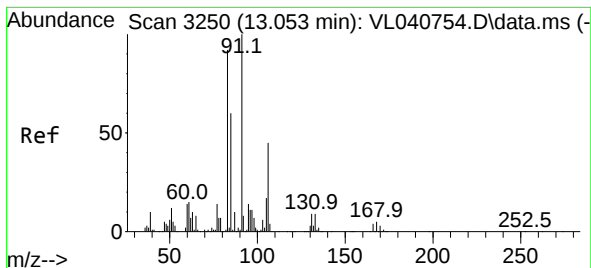
Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

Tgt Ion:105 Resp: 3840341

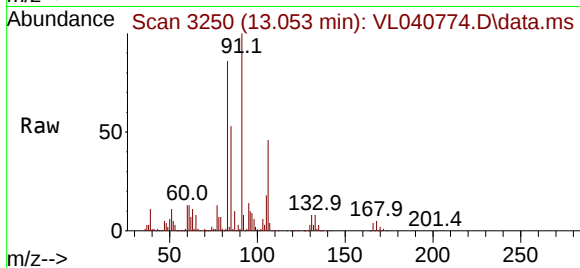
Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.5	32.3





#63
1,1,2,2-Tetrachloroethane
Concen: 9.240 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

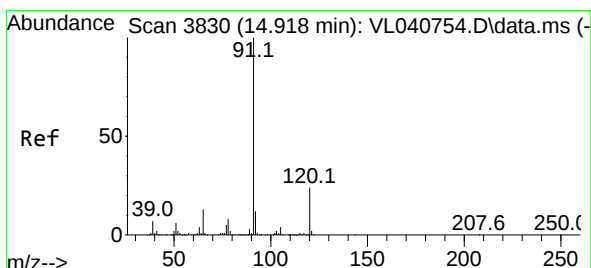
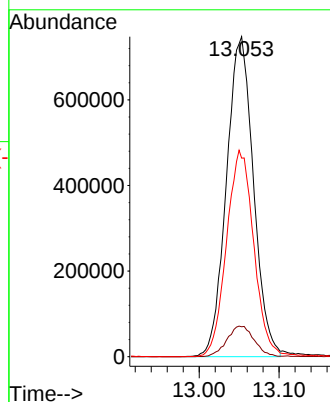
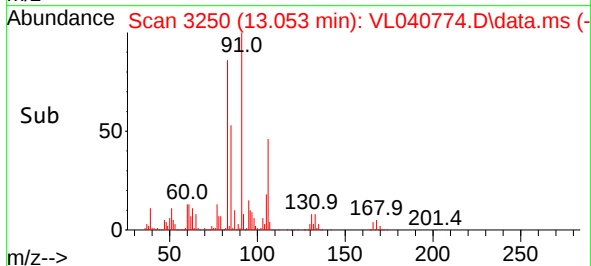
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



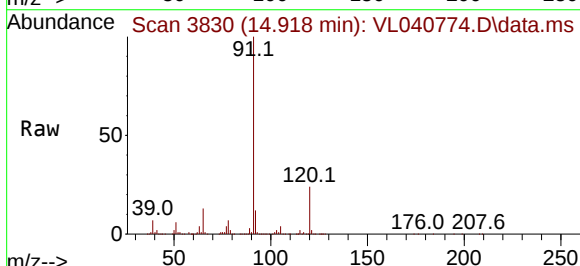
Tgt Ion: 83 Resp: 1757194
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.6
85 65.5 32.9 98.7

Manual Integrations
APPROVED

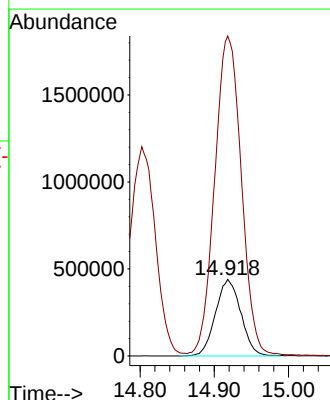
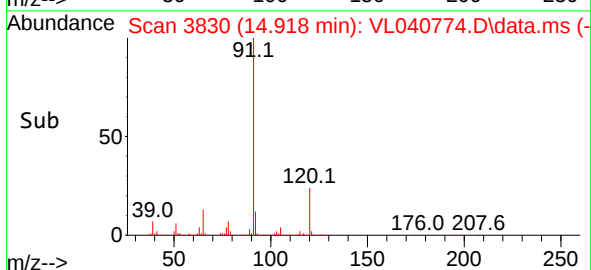
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023

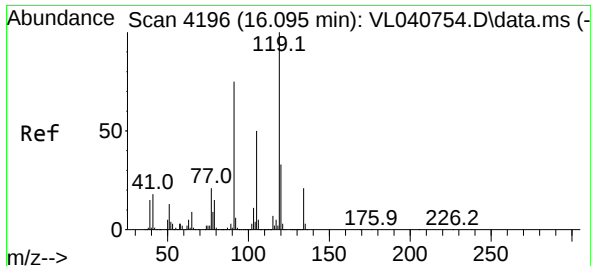


#64
n-propylbenzene
Concen: 9.946 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.000 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34



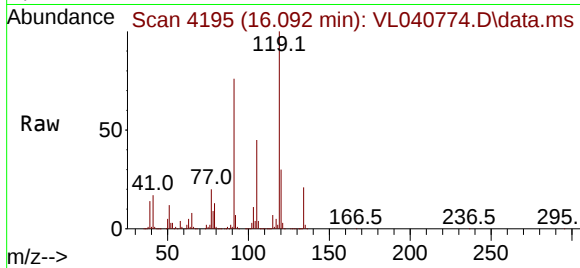
Tgt Ion:120 Resp: 1042631
Ion Ratio Lower Upper
120 100
91 441.3 345.9 518.9





#65
tert-Butylbenzene
Concen: 9.516 ppbv
RT: 16.092 min Scan# 4196
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

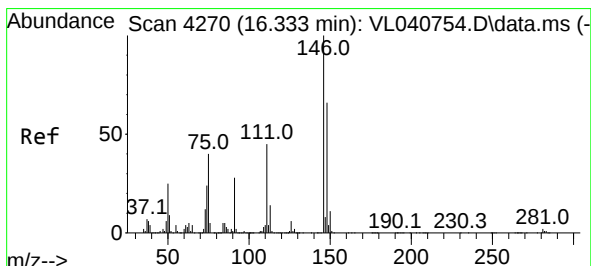
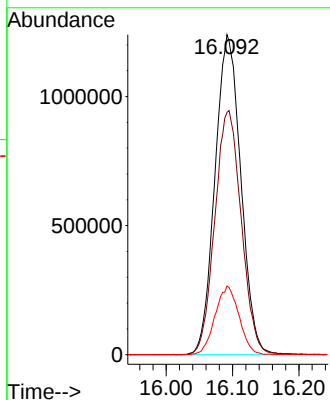
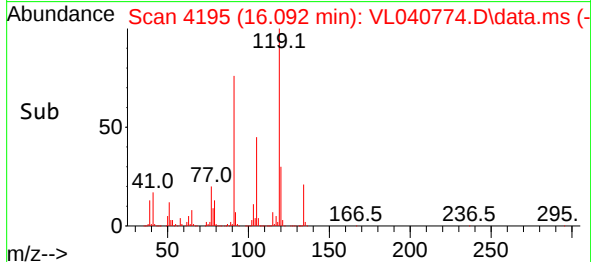
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



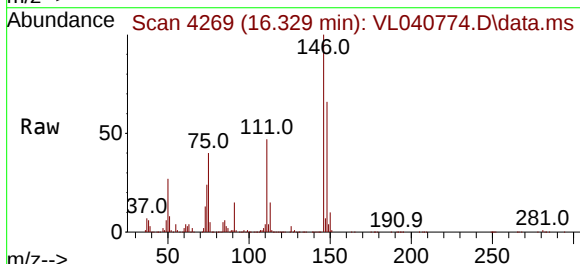
Tgt Ion:119 Resp: 334925
Ion Ratio Lower Upper
119 100
91 78.2 62.2 93.2
134 20.0 16.1 24.1

Manual Integrations
APPROVED

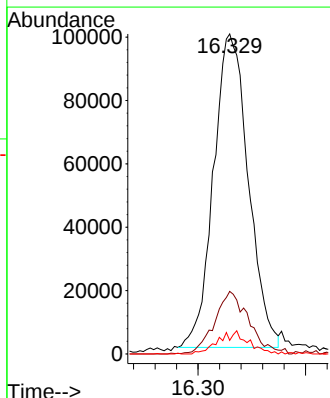
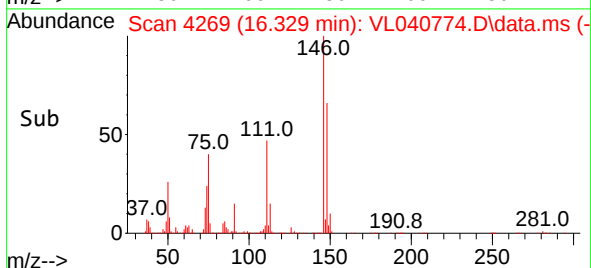
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023

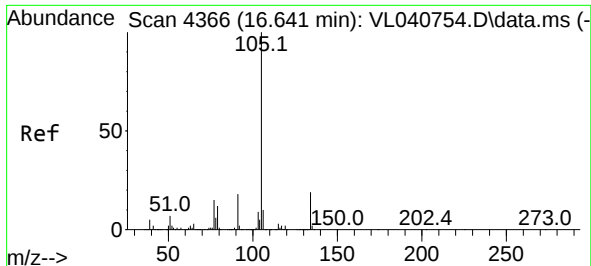


#66
Benzyl Chloride
Concen: 6.275 ppbv
RT: 16.329 min Scan# 4269
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34



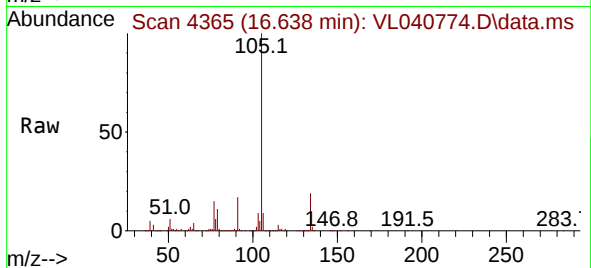
Tgt Ion: 91 Resp: 222519
Ion Ratio Lower Upper
91 100
126 19.8 16.1 24.1
128 6.5 5.2 7.8





#67
 sec-Butylbenzene
 Concen: 9.724 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040774.D
 Acq: 12 Oct 2023 8:34

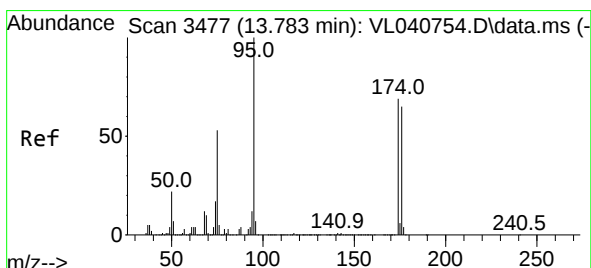
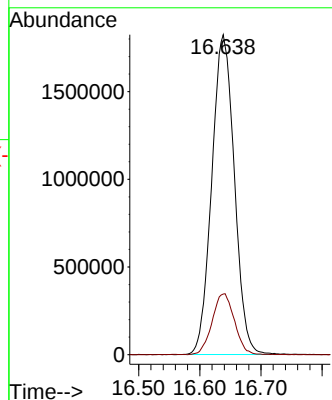
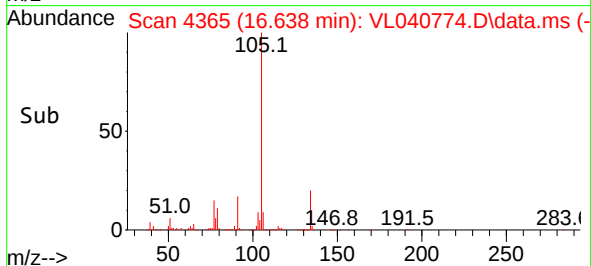
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 105 Resp: 4685800
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.4 23.2

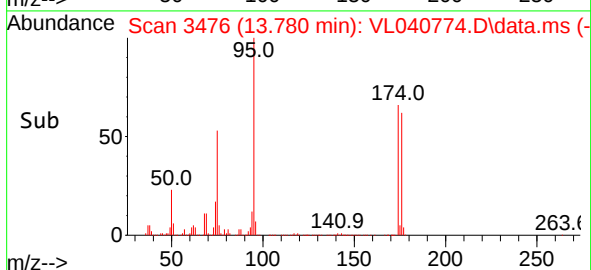
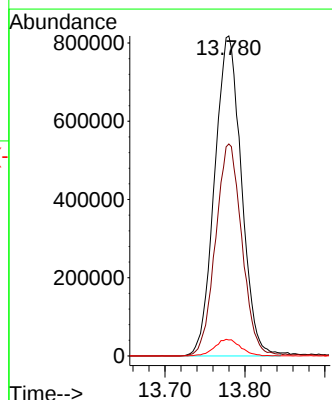
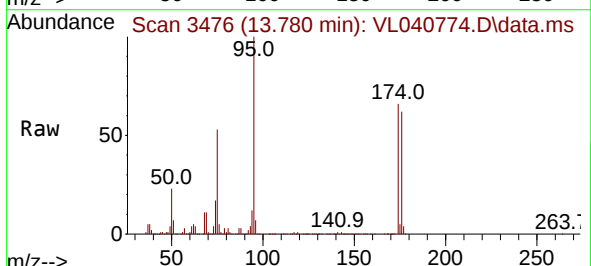
Manual Integrations
 APPROVED

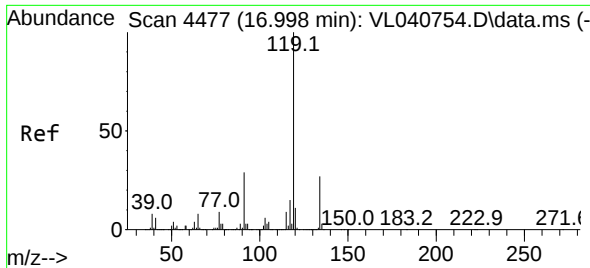
Reviewed By :Semsettin Yesilyurt 10/13/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.076 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. -0.003 min
 Lab File: VL040774.D
 Acq: 12 Oct 2023 8:34

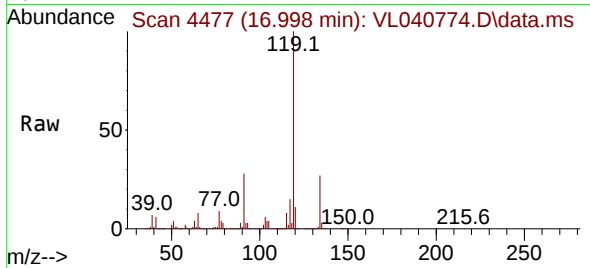
Tgt Ion: 95 Resp: 1904704
 Ion Ratio Lower Upper
 95 100
 174 65.8 54.7 82.1
 175 5.1 4.2 6.4





#69
p-Isopropyltoluene
Concen: 9.702 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. -0.000 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

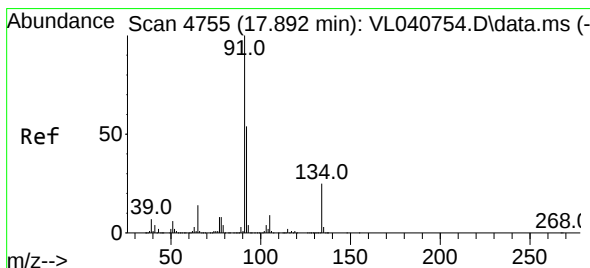
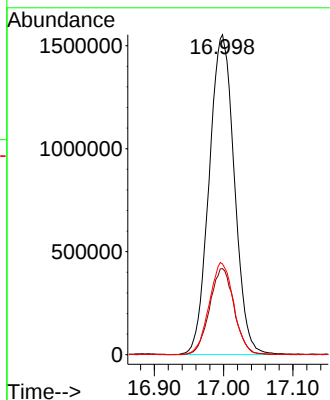
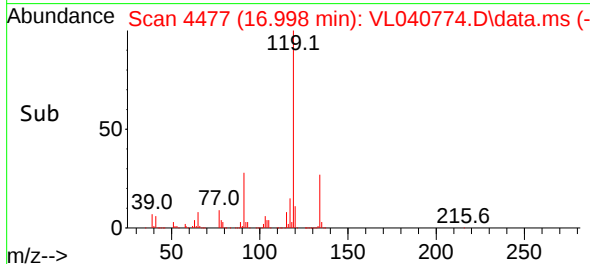
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



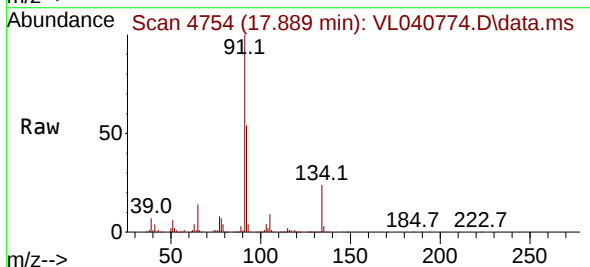
Tgt Ion: 119 Resp: 3917690
Ion Ratio Lower Upper
119 100
134 26.3 21.0 31.4
91 28.0 22.8 34.2

Manual Integrations
APPROVED

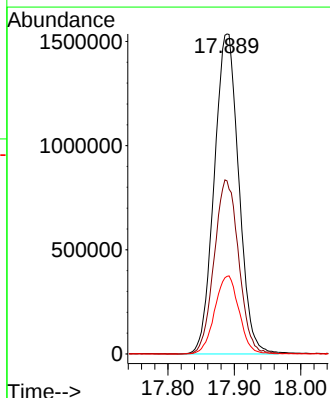
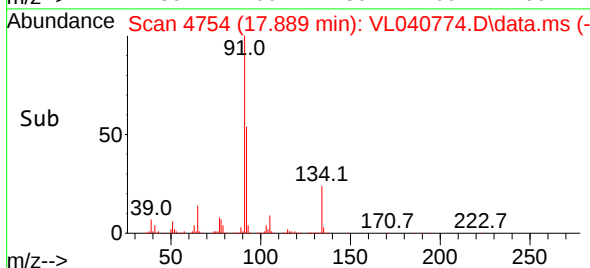
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023

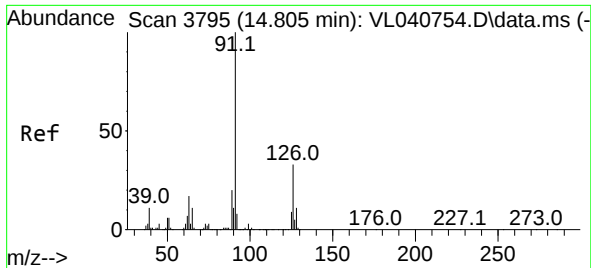


#70
n-Butylbenzene
Concen: 9.956 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34



Tgt Ion: 91 Resp: 3947651
Ion Ratio Lower Upper
91 100
92 54.4 44.1 66.1
134 24.2 19.5 29.3





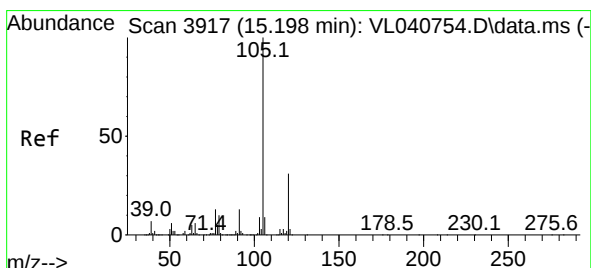
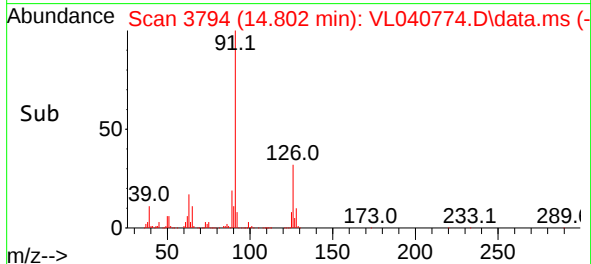
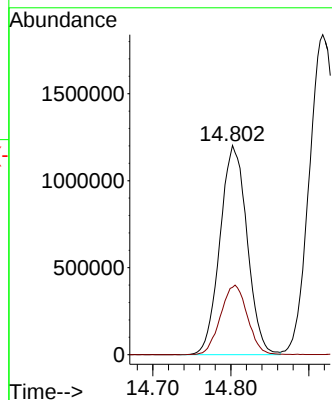
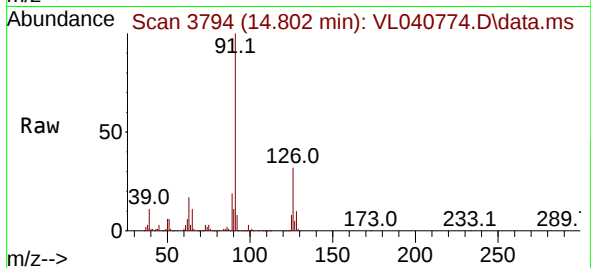
#71
2-Chlorotoluene
Concen: 9.912 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 290554
Ion Ratio Lower Upper
91 100
126 33.0 13.3 53.1

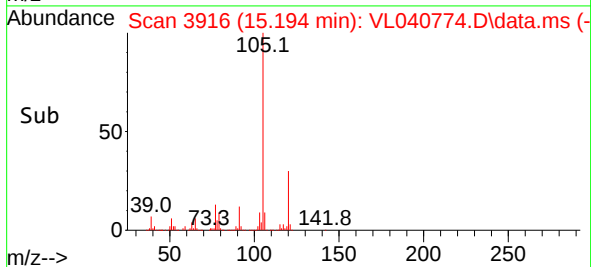
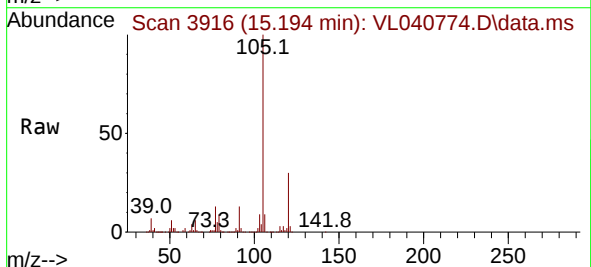
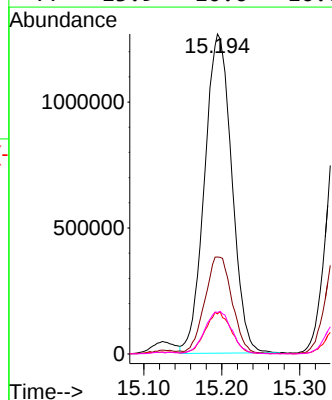
Manual Integrations
APPROVED

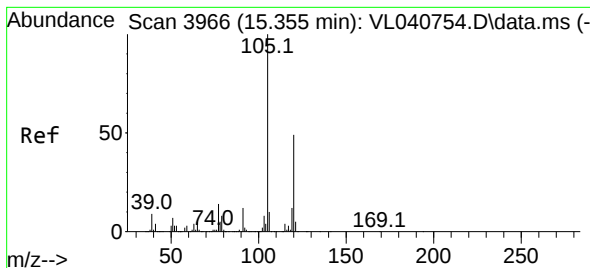
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023



#72
4-Ethyltoluene
Concen: 10.346 ppbv
RT: 15.194 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

Tgt Ion:105 Resp: 3073363
Ion Ratio Lower Upper
105 100
120 31.9 25.0 37.4
91 12.4 9.8 14.8
77 13.9 10.6 16.0





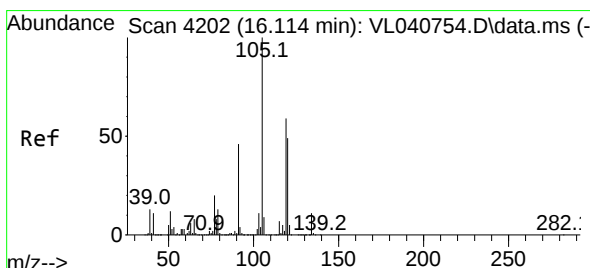
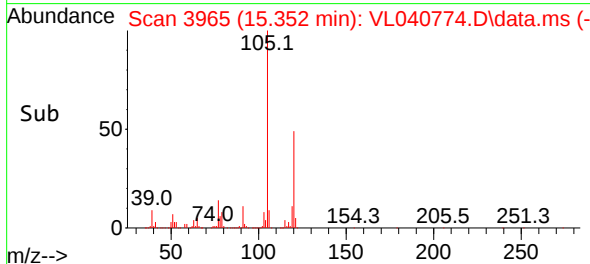
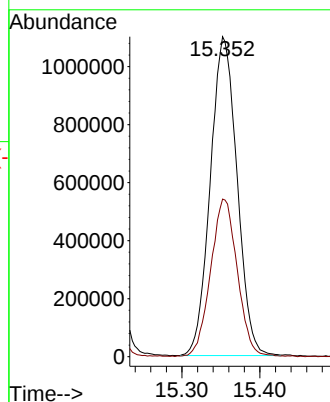
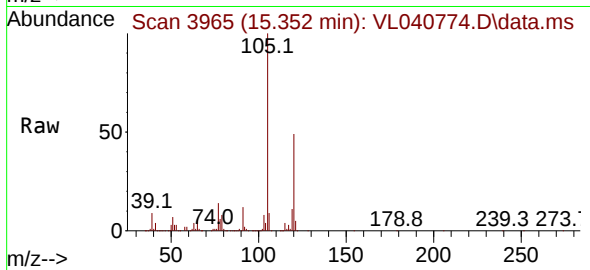
#73
1,3,5-Trimethylbenzene
Concen: 10.026 ppbv
RT: 15.352 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 262216
Ion Ratio Lower Upper
105 100
120 49.3 39.4 59.2

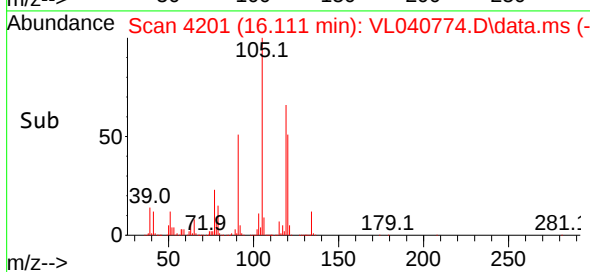
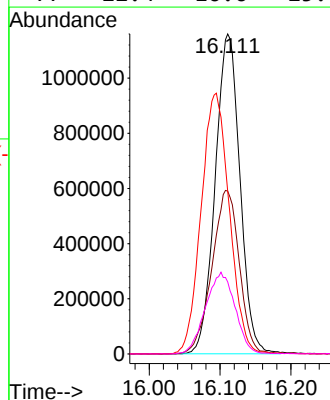
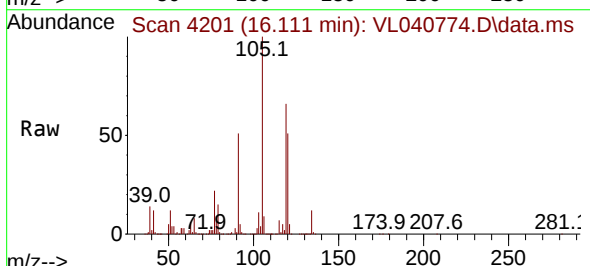
Manual Integrations
APPROVED

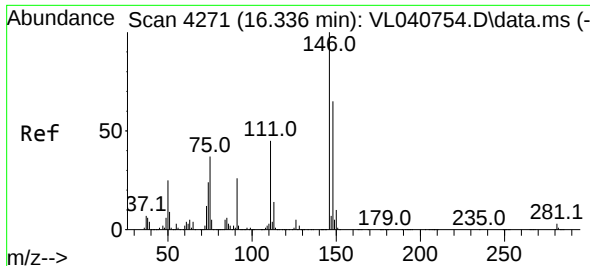
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023



#74
1,2,4-Trimethylbenzene
Concen: 9.864 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

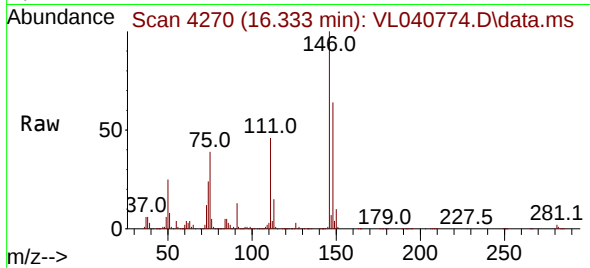
Tgt Ion:105 Resp: 2818636
Ion Ratio Lower Upper
105 100
120 50.7 39.4 59.2
91 50.5 38.6 58.0
77 22.4 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 9.911 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

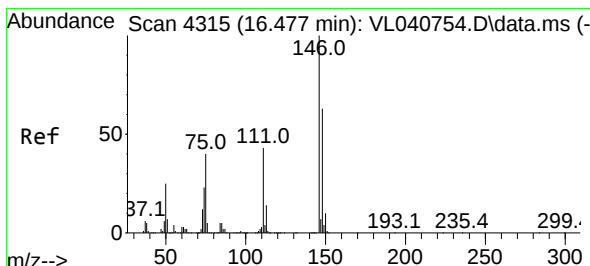
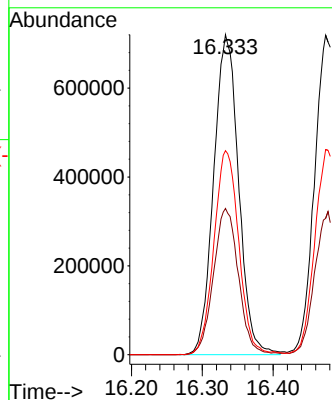
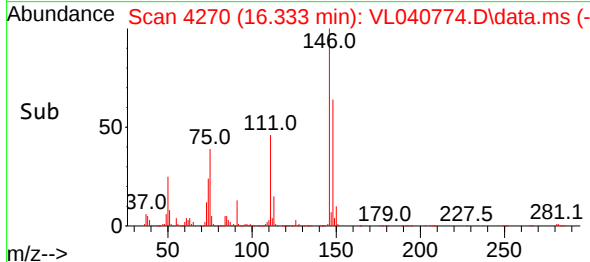
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



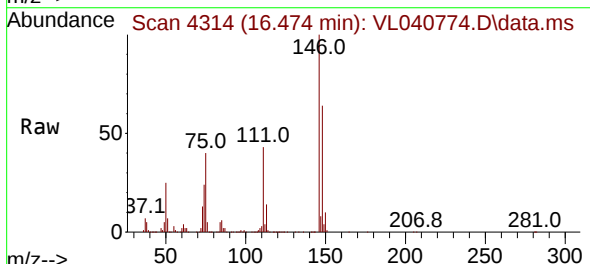
Tgt Ion:146 Resp: 1761379
Ion Ratio Lower Upper
146 100
111 45.8 22.6 67.7
148 63.7 32.4 97.0

Manual Integrations
APPROVED

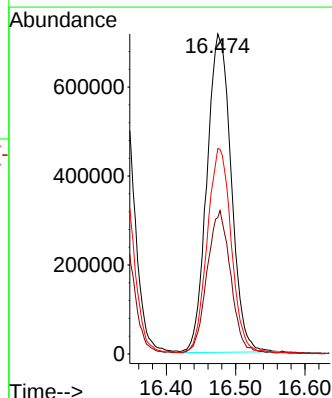
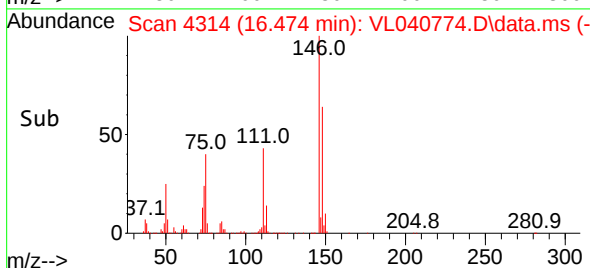
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023

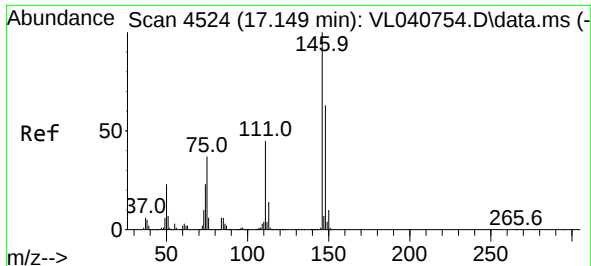


#76
1,4-Dichlorobenzene
Concen: 9.901 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. -0.003 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34



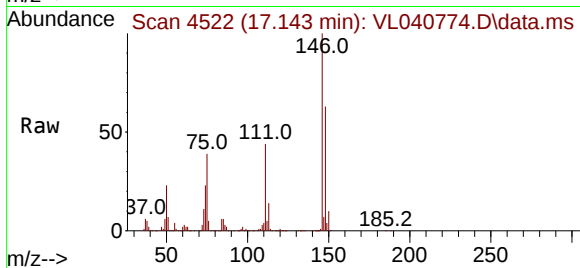
Tgt Ion:146 Resp: 1742507
Ion Ratio Lower Upper
146 100
111 44.4 22.0 66.0
148 64.9 33.4 100.1





#77
1,2-Dichlorobenzene
Concen: 9.653 ppbv
RT: 17.143 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34

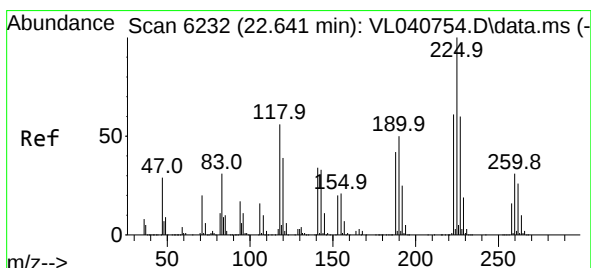
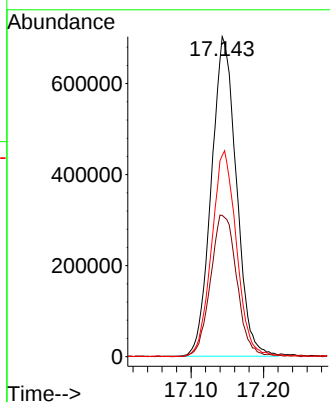
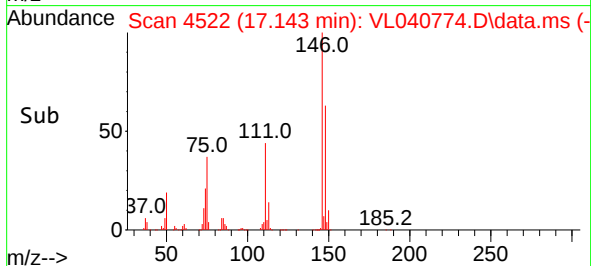
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



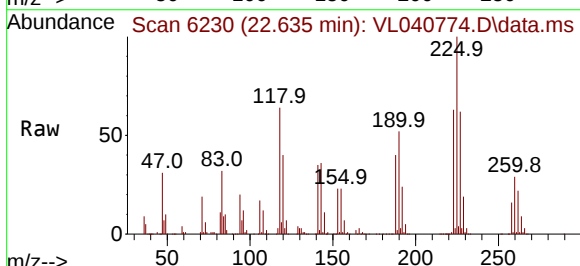
Tgt Ion:146 Resp: 168323
Ion Ratio Lower Upper
146 100
111 46.8 22.9 68.8
148 64.4 32.3 96.8

Manual Integrations
APPROVED

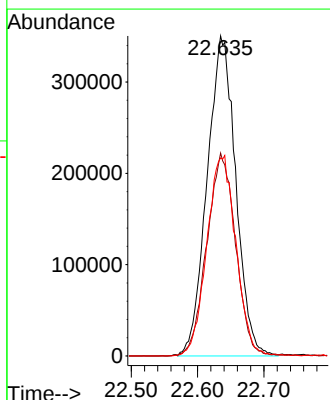
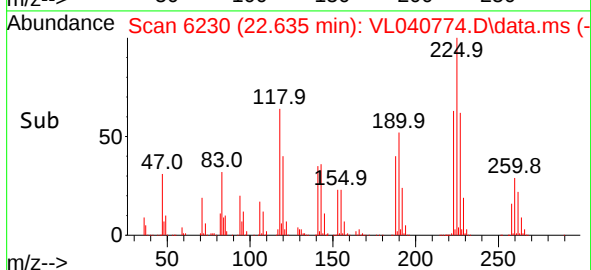
Reviewed By :Semsettin Yesilyurt 10/13/2023
Supervised By :Mahesh Dadoda 10/16/2023

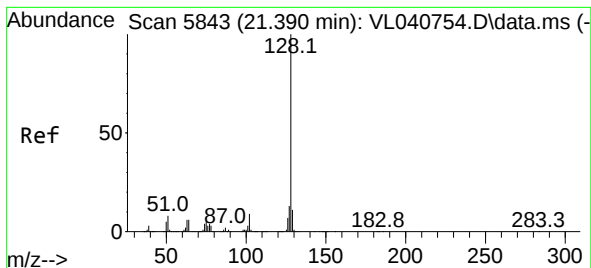


#78
Hexachloro-1,3-Butadiene
Concen: 8.429 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. -0.007 min
Lab File: VL040774.D
Acq: 12 Oct 2023 8:34



Tgt Ion:225 Resp: 1051641
Ion Ratio Lower Upper
225 100
223 63.8 50.7 76.1
227 63.7 51.4 77.0





#79

Naphthalene

Concen: 11.133 ppbv

RT: 21.384 min Scan# 5843

Delta R.T. -0.007 min

Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 2586034

Ion Ratio Lower Upper

128 100

127 11.8 10.6 15.8

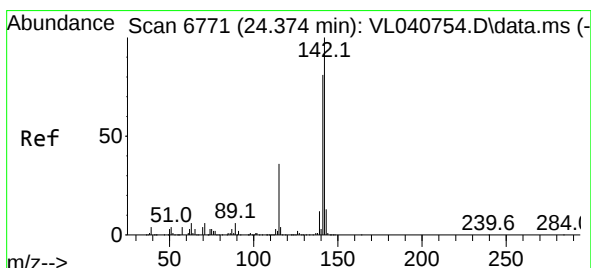
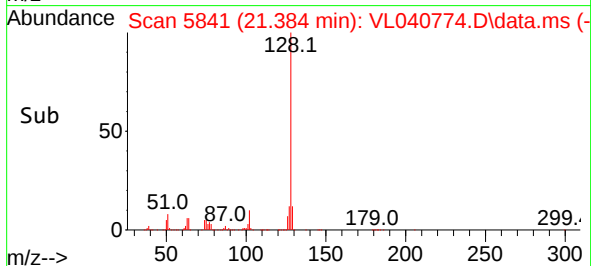
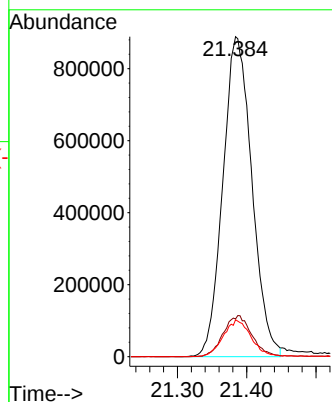
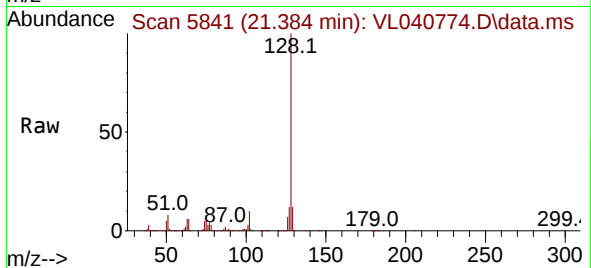
129 11.6 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/13/2023

Supervised By :Mahesh Dadoda 10/16/2023



#80

Naphthalene,2-methyl-

Concen: 12.096 ppbv

RT: 24.377 min Scan# 6772

Delta R.T. 0.003 min

Lab File: VL040774.D

Acq: 12 Oct 2023 8:34

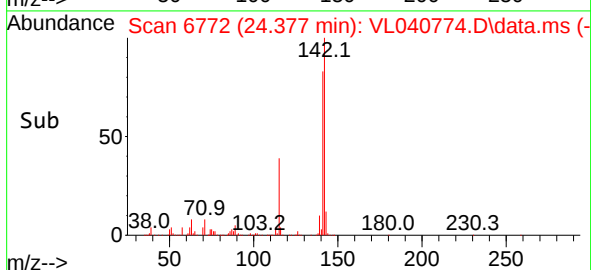
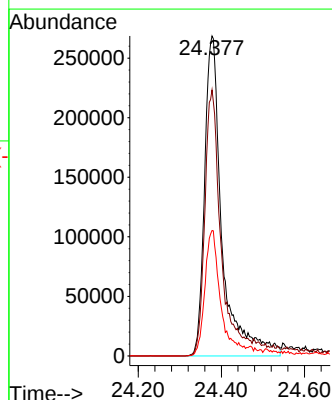
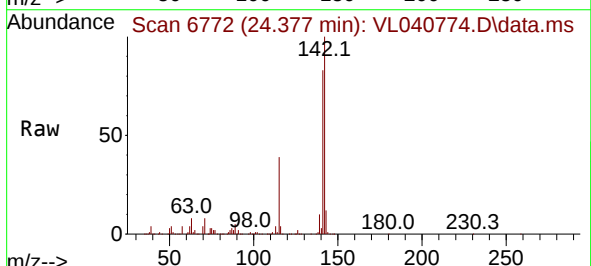
Tgt Ion:142 Resp: 788436

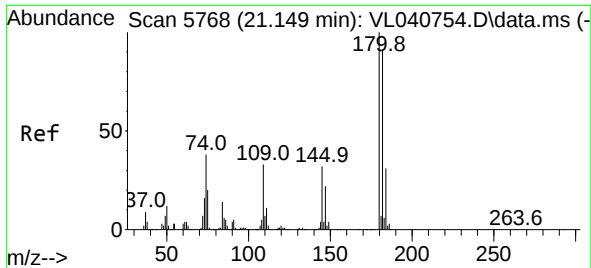
Ion Ratio Lower Upper

142 100

141 81.0 66.3 99.5

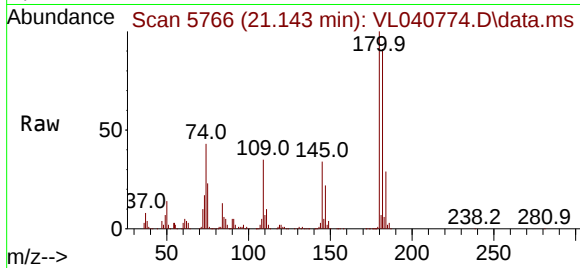
115 38.5 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.269 ppbv
 RT: 21.143 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: VL040774.D
 Acq: 12 Oct 2023 8:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1294949
 Ion Ratio Lower Upper
 180 100
 182 97.2 77.9 116.9
 184 30.8 25.0 37.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/13/2023
 Supervised By :Mahesh Dadoda 10/16/2023

