

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\
 Data File : VL037760.D
 Acq On : 4 Oct 2021 12:55
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

Quant Time: Oct 04 14:24:19 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 12:52:19 2021

QLast Update : Mon Oct 04 12:52:19 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	1448310	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	4247246	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.085	117	3803191	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.413 95 2668210 9.71 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	302735m	1.16	ppbv	
3) Chlorodifluoromethane	2.989	51	299180	1.10	ppbv	99
4) Chloromethane	3.140	50	107386	1.06	ppbv	96
5) Vinyl Chloride	3.259	62	93453	0.99	ppbv	92
6) Bromomethane	3.472	94	55368m	1.00	ppbv	
7) Chloroethane	3.555	64	35974m	1.02	ppbv	
8) Dichlorotetrafluoroethane	3.192	85	245872	1.09	ppbv	99
9) Propene	3.015	41	109394m	1.14	ppbv	
10) Heptane	8.121	43	235065	1.05	ppbv	99
11) Trichlorofluoromethane	3.951	101	209250	0.99	ppbv	98
12) 1,1,2-Trichlorotrifluoro...	4.491	101	160855	1.04	ppbv	99
13) Ethanol	3.626	45	9502m	1.01	ppbv	
14) Bromoethene	3.745	108	71707m	1.01	ppbv	
15) Acetone	3.864	43	142272m	0.95	ppbv	
16) 1,3-Butadiene	3.327	39	89381	0.95	ppbv	86
17) tert-Butyl alcohol	4.304	59	127071	1.00	ppbv	96
18) 1,1-Dichloroethene	4.288	96	74753	1.03	ppbv	90
19) Isopropyl Alcohol	3.983	45	81981m	1.00	ppbv	
20) Methylene Chloride	4.349	84	73684m	1.03	ppbv	
21) Allyl Chloride	4.414	41	122516m	1.09	ppbv	
22) trans-1,2-Dichloroethene	4.883	96	74009m	1.02	ppbv	
23) Vinyl Acetate	5.076	43	190650	0.92	ppbv	98
24) 1,1-Dichloroethane	5.012	63	147017	0.99	ppbv	99
25) Ethyl Acetate	5.690	43	364698	1.00	ppbv	97
26) Hexane	5.693	57	187942	1.09	ppbv	96
27) Carbon Disulfide	4.555	76	147981	0.93	ppbv #	90
28) Methyl tert-Butyl Ether	5.047	73	142824	0.94	ppbv	95
29) Chloroform	5.751	83	270095	1.07	ppbv	97
30) Cyclohexane	7.131	84	158740m	1.07	ppbv	
31) cis-1,2-Dichloroethene	5.549	61	166934m	1.06	ppbv	
32) 1,1,1-Trichloroethane	6.510	97	243753m	1.04	ppbv	
34) 2-Butanone	5.256	43	177013m	1.03	ppbv	
35) Carbon Tetrachloride	7.018	117	244239	1.02	ppbv	95
36) Benzene	6.889	78	375941	1.06	ppbv #	92
37) 1,2-Dichloroethane	6.304	62	171177	0.98	ppbv #	95
38) Trichloroethene	7.838	130	148336m	1.00	ppbv	
39) 1,2-Dichloropropane	7.616	63	141394m	1.04	ppbv	
40) 1,4-Dioxane	7.864	88	36388m	1.10	ppbv	
41) Tetrahydrofuran	6.070	42	84743m	1.04	ppbv	
42) Bromodichloromethane	7.793	83	248709	1.00	ppbv	99
43) Methyl Methacrylate	8.018	69	106808	0.91	ppbv	90
44) 2,2,4-Trimethylpentane	7.873	57	637625	1.07	ppbv	98
45) t-1,3-Dichloropropene	9.285	75	70567m	0.76	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\
 Data File : VL037760.D
 Acq On : 4 Oct 2021 12:55
 Operator : SY/AP
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

Quant Time: Oct 04 14:24:19 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M

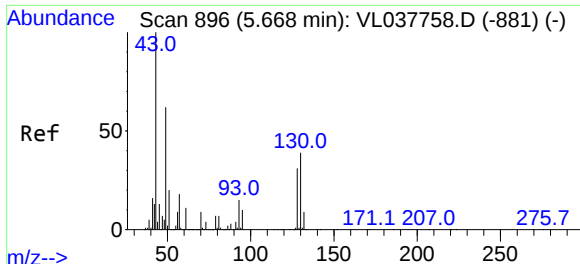
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 14:24:19 2021

QLast Update : Mon Oct 04 12:52:19 2021

Response via : Initial Calibration

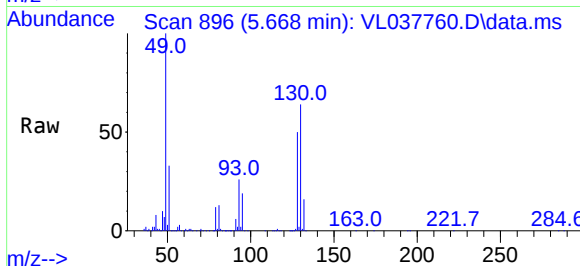
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.700	75	102511	0.82	ppbv	99
47) 1,1,2-Trichloroethane	9.481	97	153987m	1.03	ppbv	
48) Dibromochloromethane	10.304	129	202386	0.97	ppbv	97
49) Bromoform	13.040	173	151488m	0.90	ppbv	
50) 4-Methyl-2-Pentanone	8.761	43	220495m	1.01	ppbv	
51) 2-Hexanone	10.153	43	92562m	0.96	ppbv	
52) Tetrachloroethene	11.220	164	141989m	1.04	ppbv	
53) Toluene	9.806	91	400359	1.02	ppbv	99
54) 1,2-Dibromoethane	10.610	107	203571m	0.99	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.121	131	164138m	1.04	ppbv	
57) Chlorobenzene	12.146	112	334791	1.06	ppbv	92
58) Ethyl Benzene	12.709	91	535718	1.06	ppbv	98
59) m/p-Xylene	12.995	91	932824m	2.12	ppbv	
60) o-Xylene	13.693	91	452360	1.08	ppbv	96
61) Styrene	13.529	104	190828	0.92	ppbv	98
62) Isopropylbenzene	14.667	105	613337	1.05	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.677	83	318311	0.97	ppbv	99
64) n-propylbenzene	15.561	120	151348	1.00	ppbv	98
65) tert-Butylbenzene	16.741	119	545355	1.03	ppbv	97
66) Benzyl Chloride	16.989	91	20582m	0.71	ppbv	
67) sec-Butylbenzene	17.291	105	757154	1.06	ppbv	98
69) p-Isopropyltoluene	17.651	119	582099	1.00	ppbv	99
70) n-Butylbenzene	18.551	91	549416	0.99	ppbv	98
71) 2-Chlorotoluene	15.452	91	440583	1.05	ppbv	96
72) 4-Ethyltoluene	15.838	105	474803	0.99	ppbv	98
73) 1,3,5-Trimethylbenzene	15.995	105	429230	0.96	ppbv	96
74) 1,2,4-Trimethylbenzene	16.754	105	472418	1.00	ppbv #	85
75) 1,3-Dichlorobenzene	16.985	146	302953m	1.03	ppbv	
76) 1,4-Dichlorobenzene	17.140	146	283711m	0.98	ppbv	
77) 1,2-Dichlorobenzene	17.812	146	275915	0.99	ppbv	97
78) Hexachloro-1,3-Butadiene	23.371	225	239063	1.02	ppbv	95
79) Naphthalene	22.201	128	249837m	0.86	ppbv	
80) Naphthalene,2-methyl-	24.976	142	43270	0.65	ppbv	98
81) 1,2,4-Trichlorobenzene	21.924	180	172581m	0.93	ppbv	

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



#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.668 min Scan# 896
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

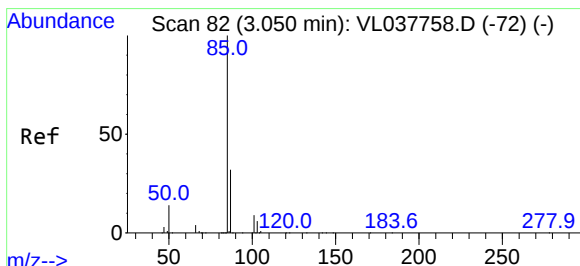
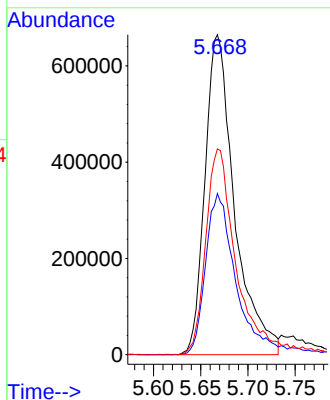
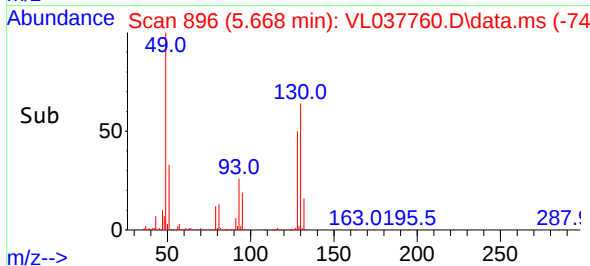
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



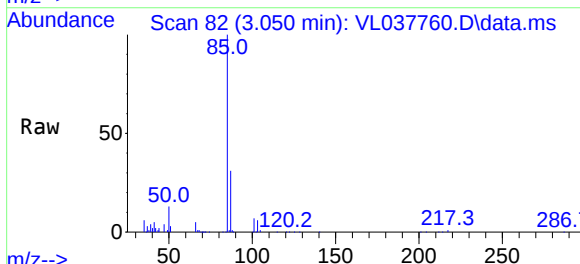
Tgt Ion: 49 Resp: 1448310
Ion Ratio Lower Upper
49 100
128 54.5 27.1 81.3
130 69.2 33.2 99.6

Manual Integrations
APPROVED

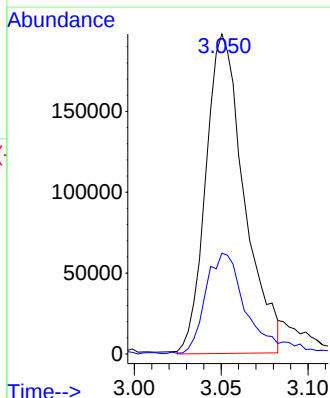
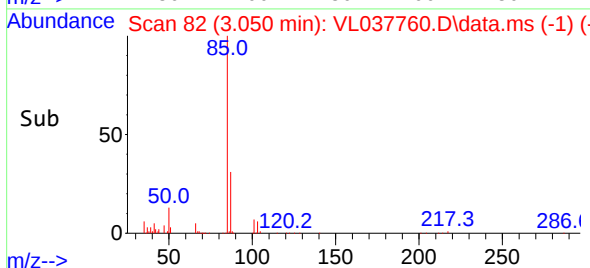
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

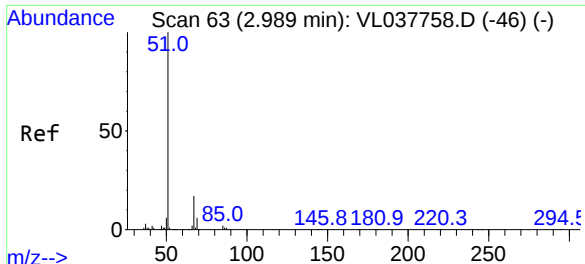


#2
Dichlorodifluoromethane
Concen: 1.16 ppbv m
RT: 3.050 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



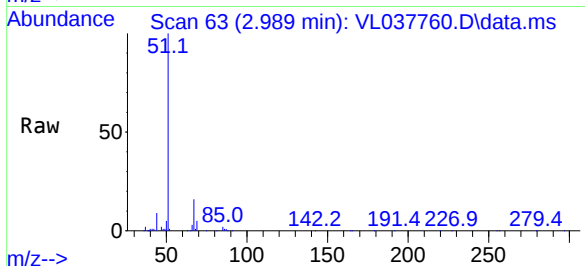
Tgt Ion: 85 Resp: 302735
Ion Ratio Lower Upper
85 100
87 31.5 25.7 38.5





#3
Chlorodifluoromethane
Concen: 1.10 ppbv
RT: 2.989 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

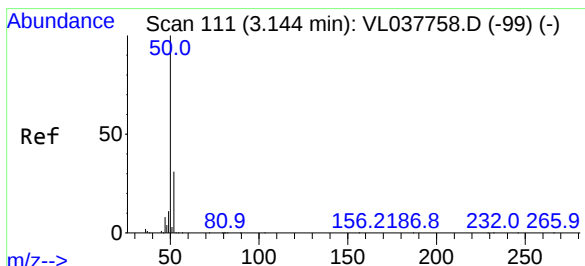
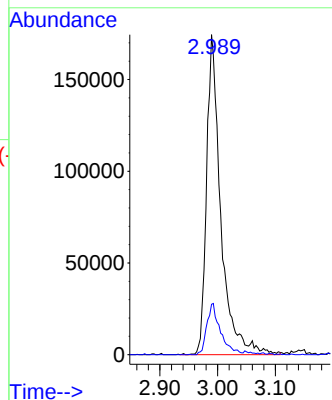
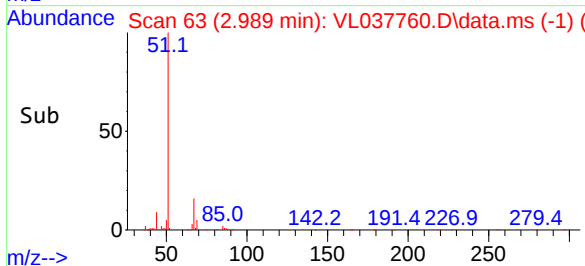
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



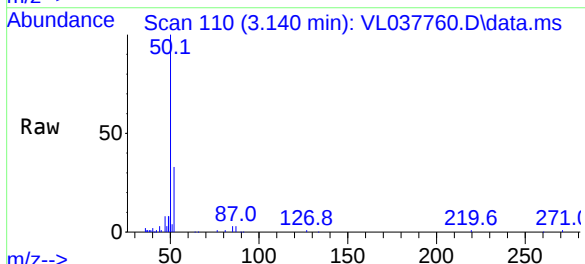
Tgt Ion: 51 Resp: 299180
Ion Ratio Lower Upper
51 100
67 16.3 13.5 20.3

Manual Integrations
APPROVED

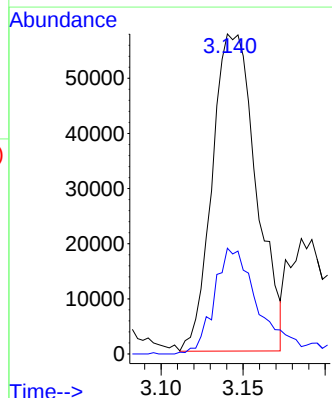
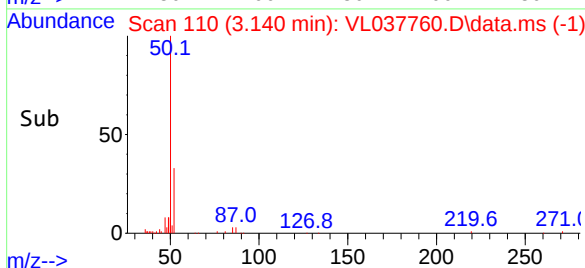
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

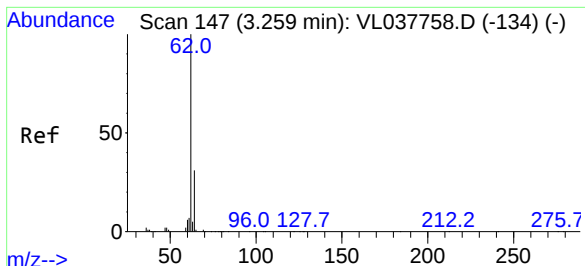


#4
Chloromethane
Concen: 1.06 ppbv
RT: 3.140 min Scan# 110
Delta R.T. -0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



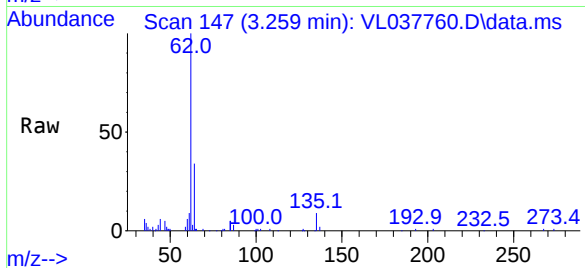
Tgt Ion: 50 Resp: 107386
Ion Ratio Lower Upper
50 100
52 32.8 24.4 36.6





#5
 Vinyl Chloride
 Concen: 0.99 ppbv
 RT: 3.259 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VL037760.D
 Acq: 4 Oct 2021 12:55

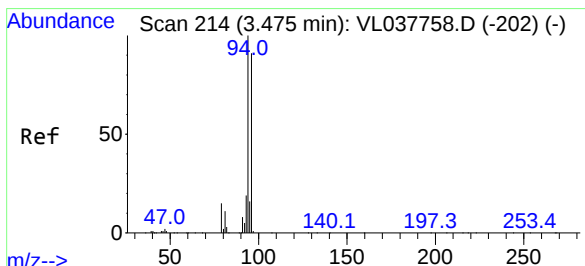
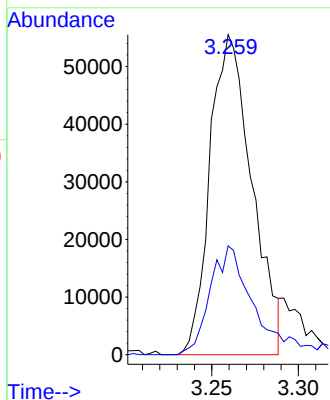
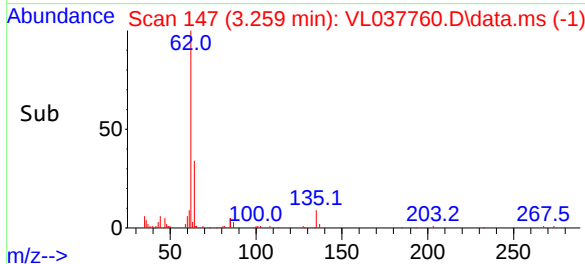
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



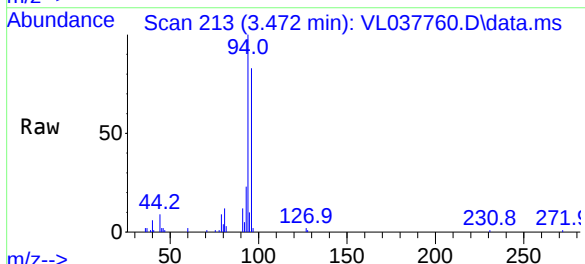
Tgt Ion: 62 Resp: 9345
 Ion Ratio Lower Upper
 62 100
 64 35.2 24.9 37.3

Manual Integrations
 APPROVED

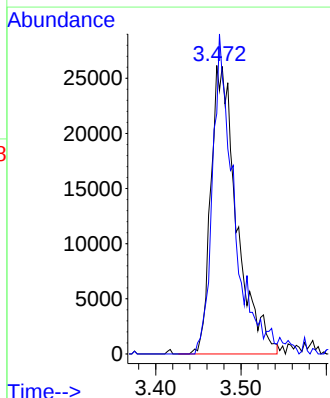
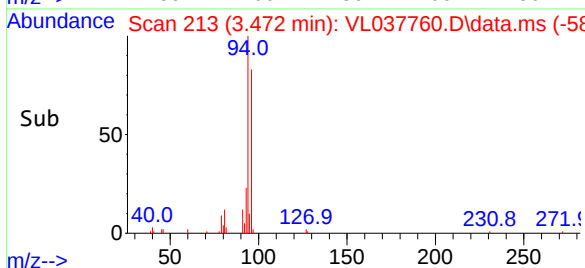
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

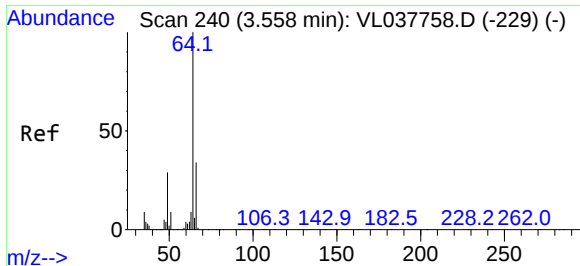


#6
 Bromomethane
 Concen: 1.00 ppbv m
 RT: 3.472 min Scan# 213
 Delta R.T. -0.003 min
 Lab File: VL037760.D
 Acq: 4 Oct 2021 12:55



Tgt Ion: 94 Resp: 55368
 Ion Ratio Lower Upper
 94 100
 96 83.3 72.5 108.7





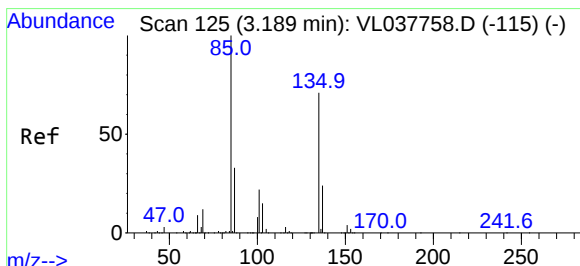
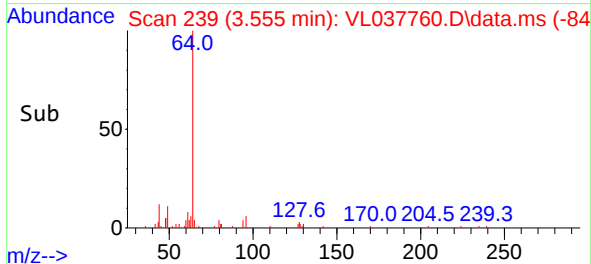
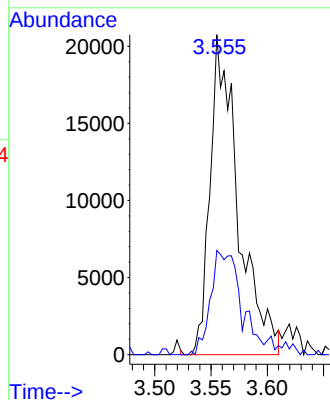
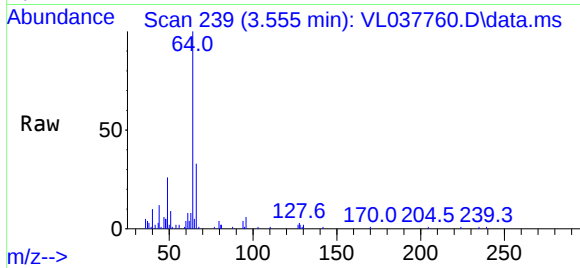
#7
Chloroethane
Concen: 1.02 ppbv m
RT: 3.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 35974
Ion Ratio Lower Upper
64 100
66 32.5 27.5 41.3

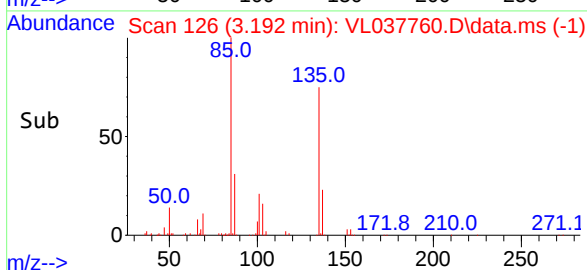
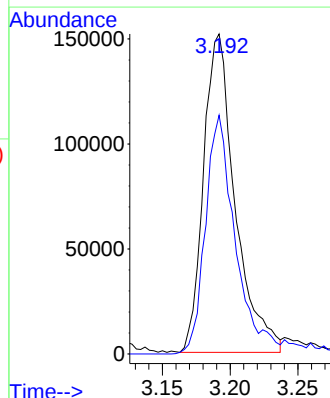
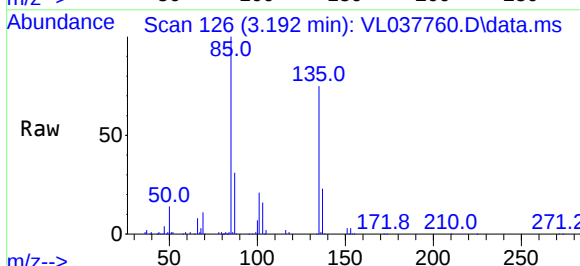
Manual Integrations
APPROVED

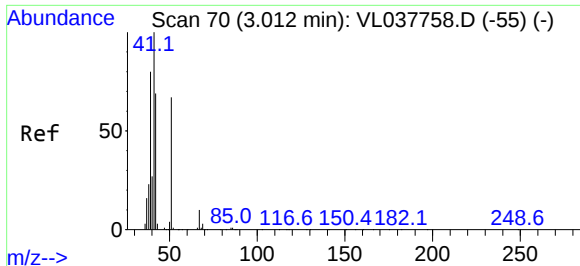
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#8
Dichlorotetrafluoroethane
Concen: 1.09 ppbv
RT: 3.192 min Scan# 126
Delta R.T. 0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 85 Resp: 245872
Ion Ratio Lower Upper
85 100
135 75.5 59.5 89.3





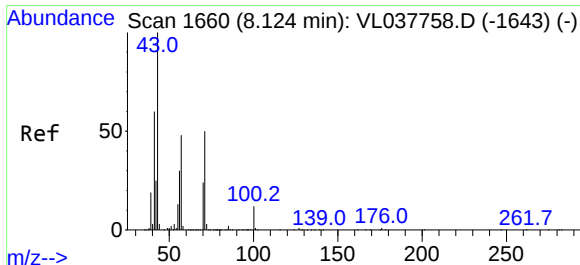
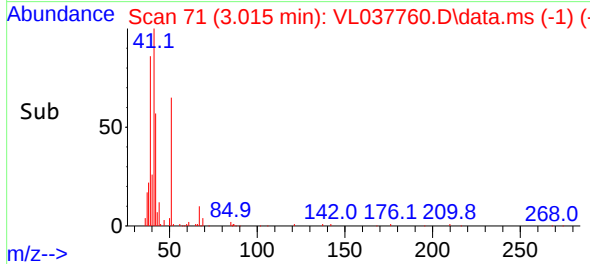
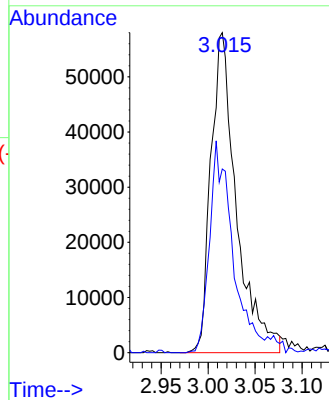
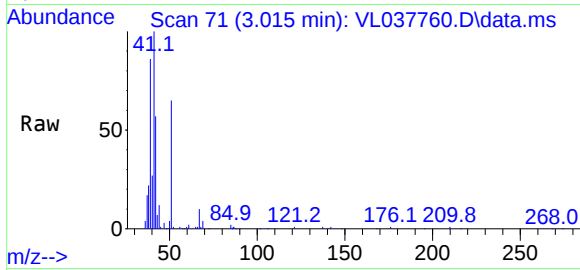
#9
Propene
Concen: 1.14 ppbv m
RT: 3.015 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 41 Resp: 109394
Ion Ratio Lower Upper
41 100
42 62.5 54.2 81.2

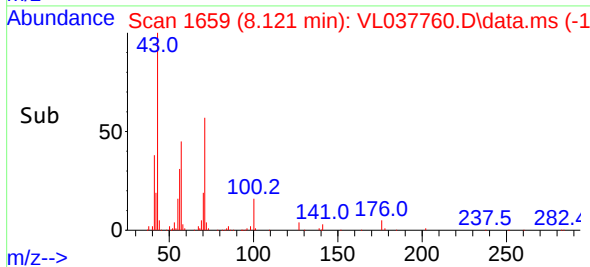
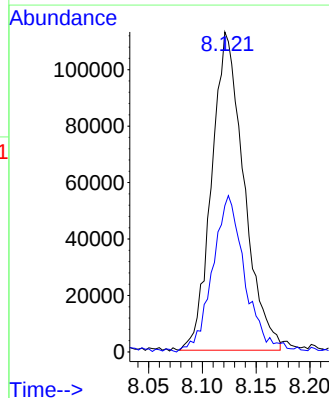
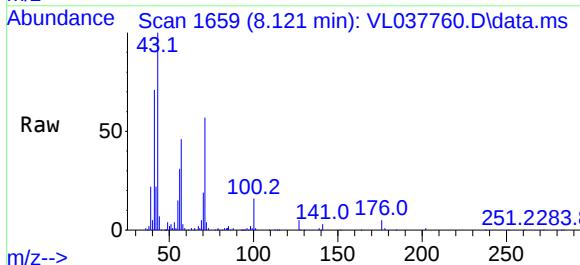
Manual Integrations
APPROVED

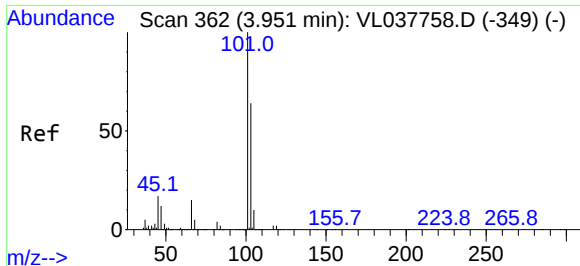
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#10
Heptane
Concen: 1.05 ppbv
RT: 8.121 min Scan# 1659
Delta R.T. -0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

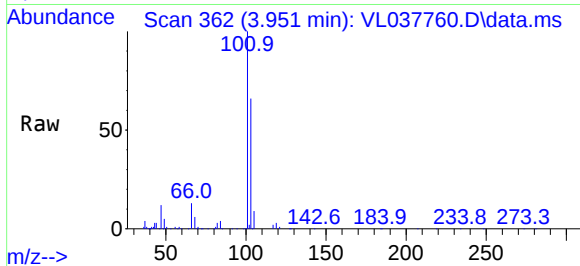
Tgt Ion: 43 Resp: 235065
Ion Ratio Lower Upper
43 100
57 49.6 40.0 60.0





#11
Trichlorofluoromethane
Concen: 0.99 ppbv
RT: 3.951 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

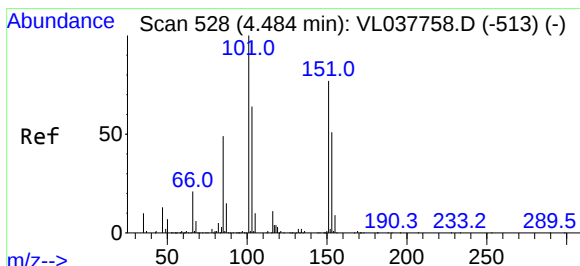
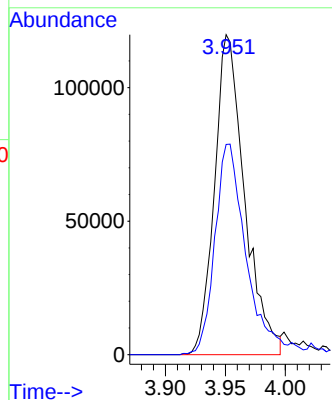
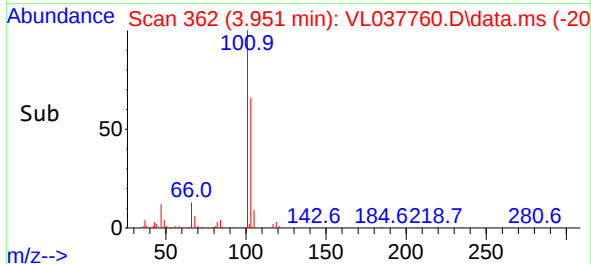
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



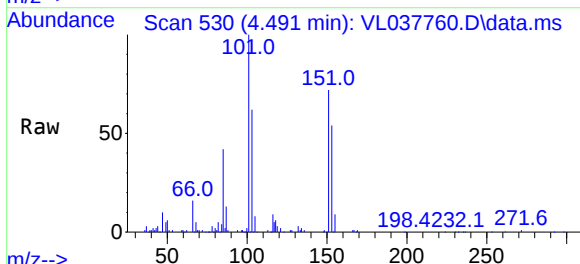
Tgt Ion:101 Resp: 209250
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3

Manual Integrations
APPROVED

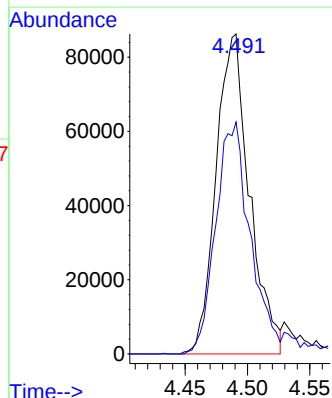
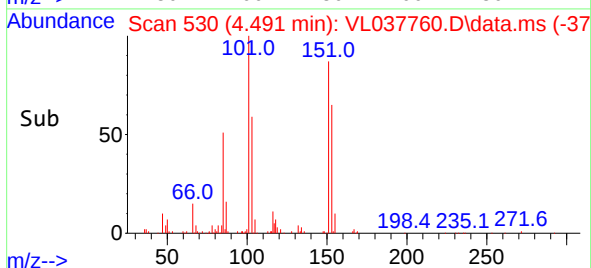
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

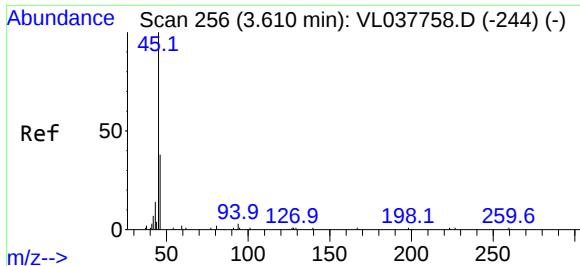


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.04 ppbv
RT: 4.491 min Scan# 530
Delta R.T. 0.006 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



Tgt Ion:101 Resp: 160855
Ion Ratio Lower Upper
101 100
151 79.5 62.9 94.3





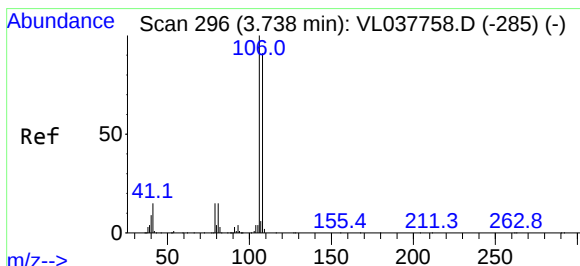
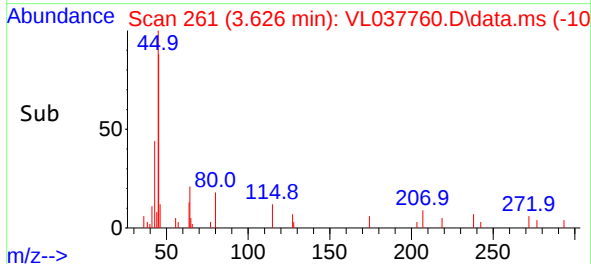
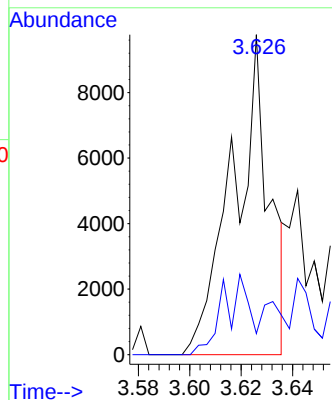
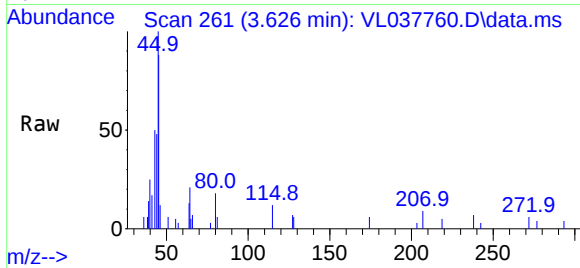
#13
Ethanol
Concen: 1.01 ppbv m
RT: 3.626 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 45 Resp: 950
Ion Ratio Lower Upper
45 100
46 50.1 20.2 81.0

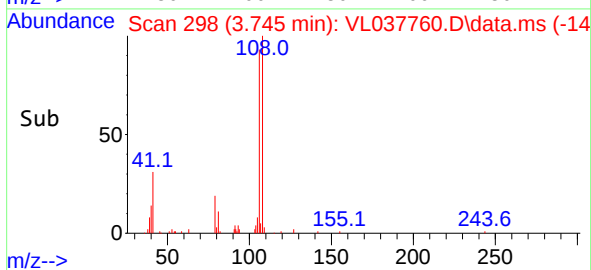
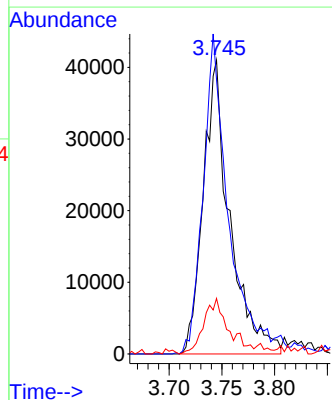
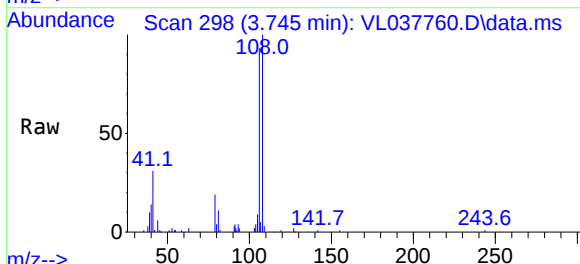
Manual Integrations
APPROVED

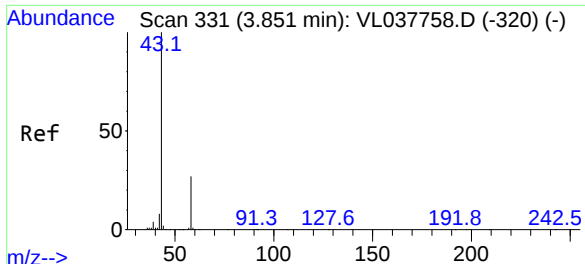
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#14
Bromoethene
Concen: 1.01 ppbv m
RT: 3.745 min Scan# 298
Delta R.T. 0.006 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

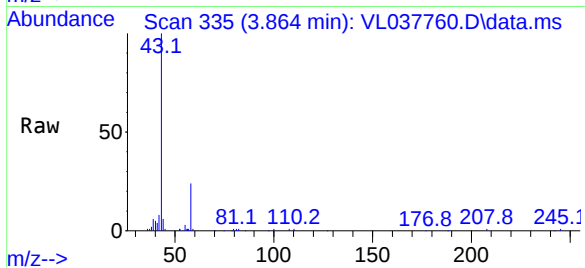
Tgt Ion:108 Resp: 71707
Ion Ratio Lower Upper
108 100
106 108.4 91.9 137.9
79 21.5 13.9 20.9#





#15
Acetone
Concen: 0.95 ppbv m
RT: 3.864 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

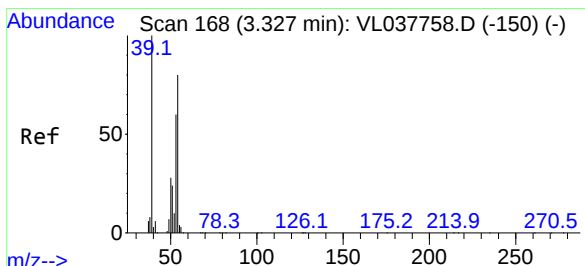
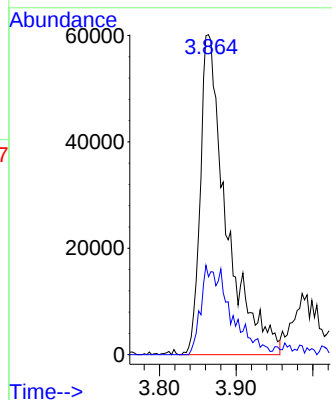
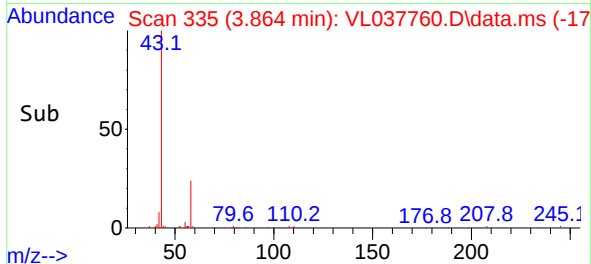
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 142272
Ion Ratio Lower Upper
43 100
58 31.8 23.0 34.6

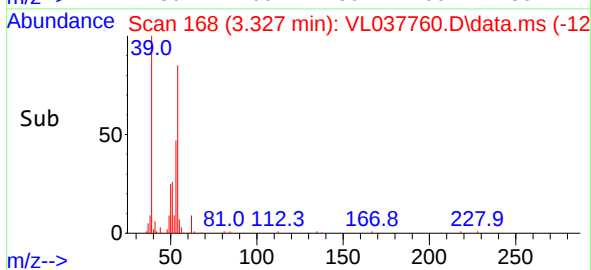
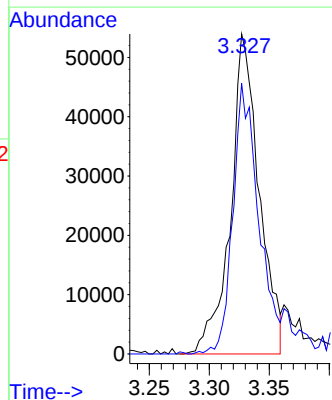
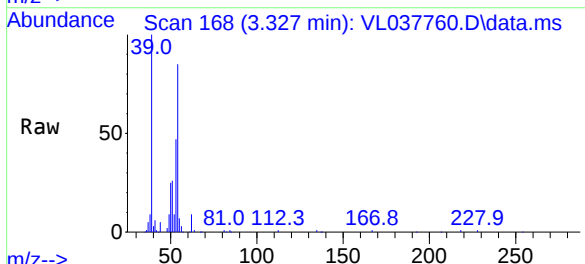
Manual Integrations
APPROVED

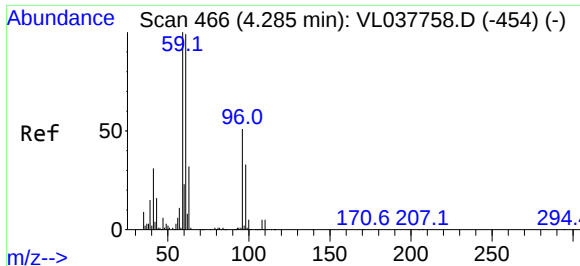
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#16
1,3-Butadiene
Concen: 0.95 ppbv
RT: 3.327 min Scan# 168
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 39 Resp: 89381
Ion Ratio Lower Upper
39 100
54 88.8 61.7 92.5





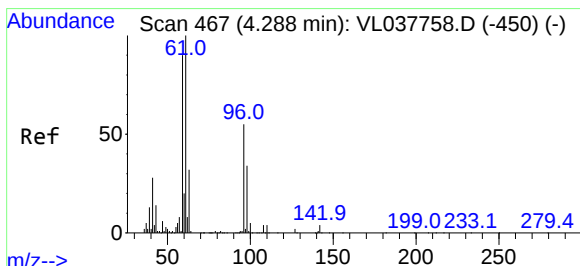
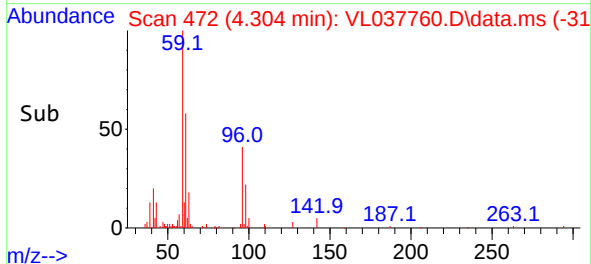
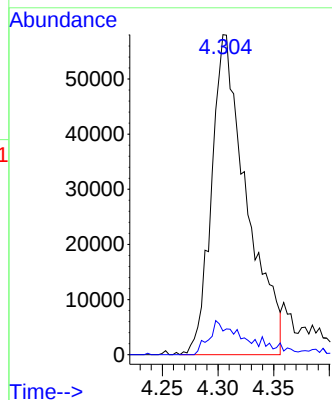
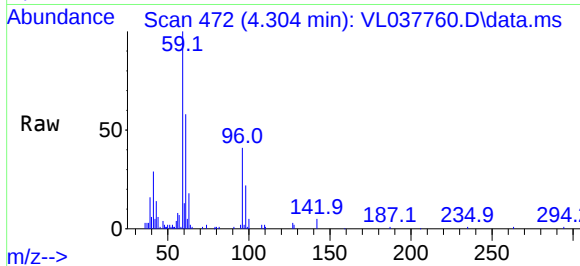
#17
tert-Butyl alcohol
Concen: 1.00 ppbv
RT: 4.304 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 59 Resp: 12707
Ion Ratio Lower Upper
59 100
57 12.3 8.6 13.0

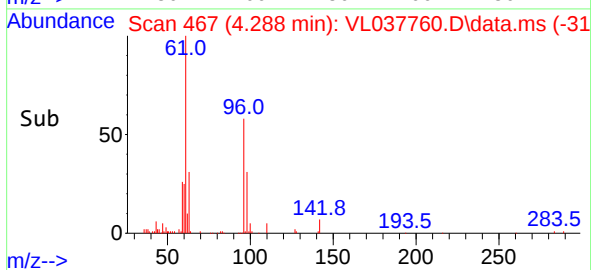
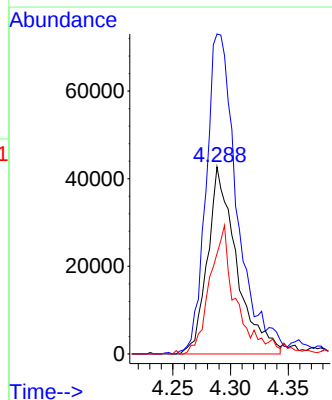
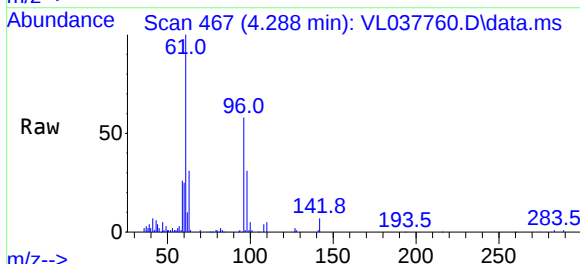
Manual Integrations
APPROVED

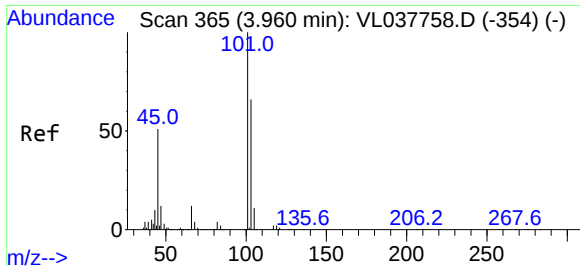
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#18
1,1-Dichloroethene
Concen: 1.03 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 96 Resp: 74753
Ion Ratio Lower Upper
96 100
61 169.4 146.2 219.4
98 53.6 50.0 75.0





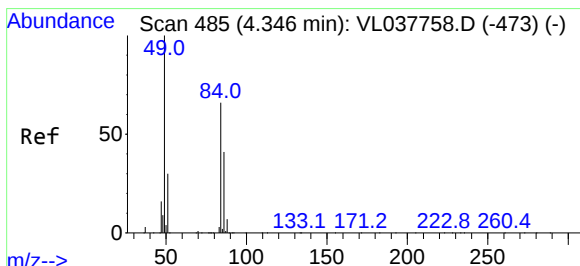
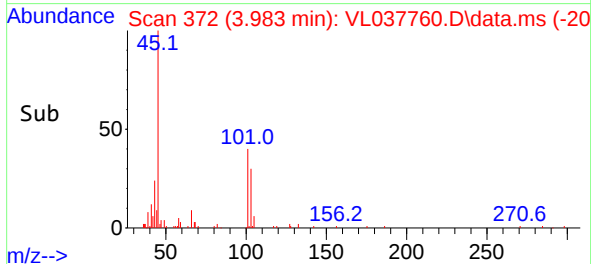
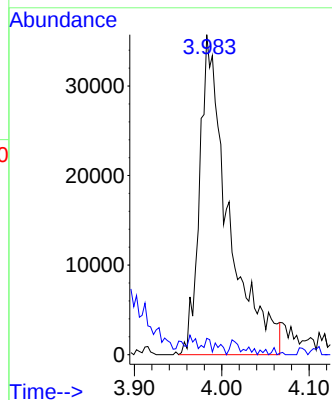
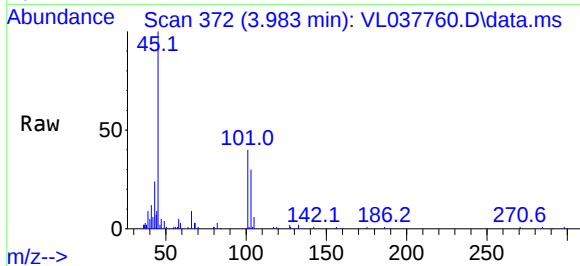
#19
Isopropyl Alcohol
Concen: 1.00 ppbv m
RT: 3.983 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 45 Resp: 8198
Ion Ratio Lower Upper
45 100
58 0.0 1.1 1.7

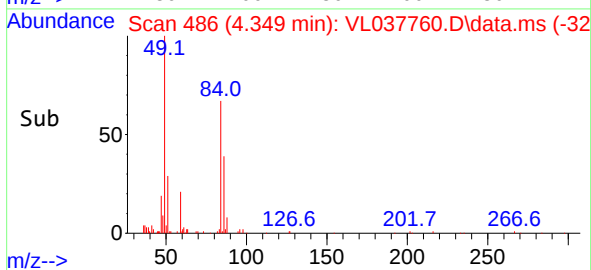
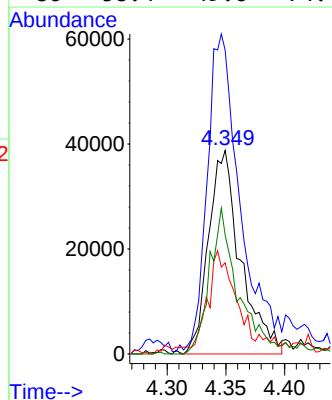
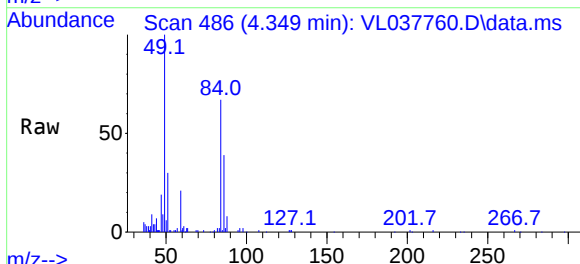
Manual Integrations
APPROVED

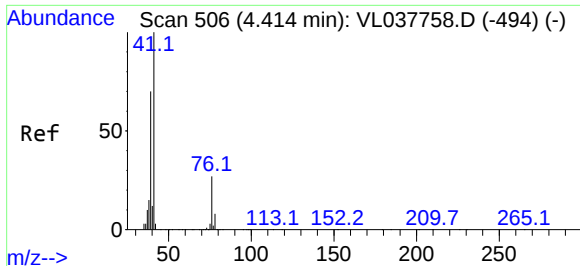
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#20
Methylene Chloride
Concen: 1.03 ppbv m
RT: 4.349 min Scan# 486
Delta R.T. 0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

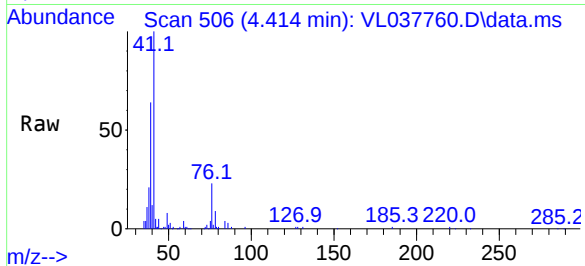
Tgt Ion: 84 Resp: 73684
Ion Ratio Lower Upper
84 100
49 149.1 120.7 181.1
51 44.8 36.2 54.4
86 58.4 49.6 74.4





#21
 Allyl Chloride
 Concen: 1.09 ppbv m
 RT: 4.414 min Scan# 506
 Delta R.T. 0.000 min
 Lab File: VL037760.D
 Acq: 4 Oct 2021 12:55

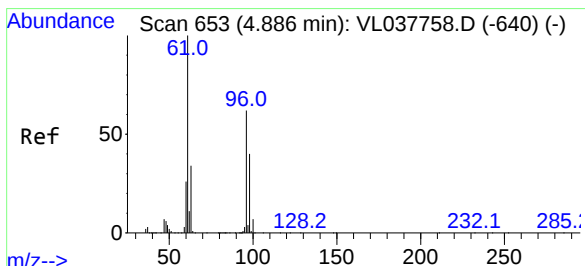
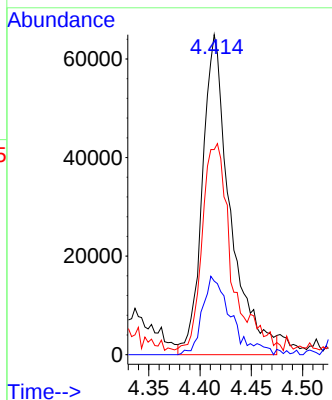
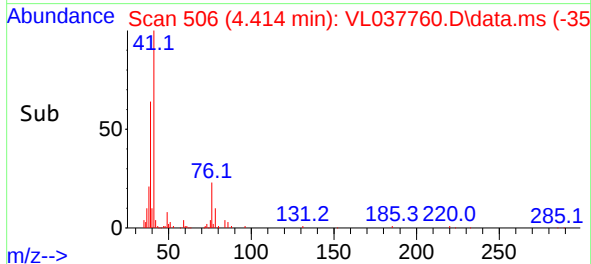
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



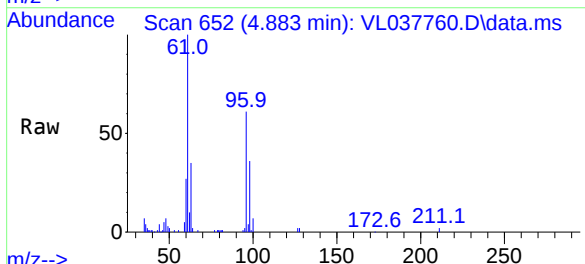
Tgt Ion: 41 Resp: 122510
 Ion Ratio Lower Upper
 41 100
 76 25.6 22.4 33.6
 39 73.8 58.0 87.0

Manual Integrations
 APPROVED

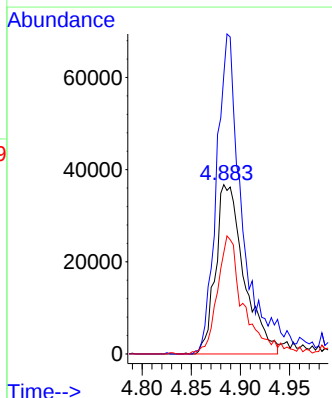
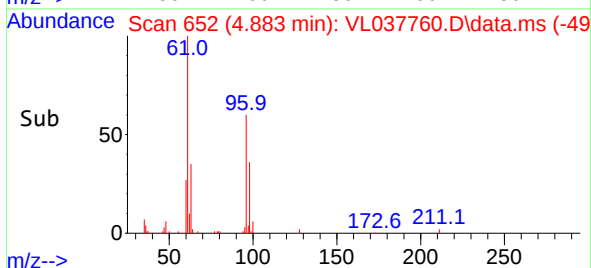
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

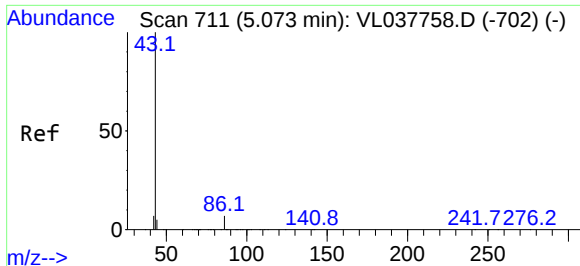


#22
 trans-1,2-Dichloroethene
 Concen: 1.02 ppbv m
 RT: 4.883 min Scan# 652
 Delta R.T. -0.003 min
 Lab File: VL037760.D
 Acq: 4 Oct 2021 12:55



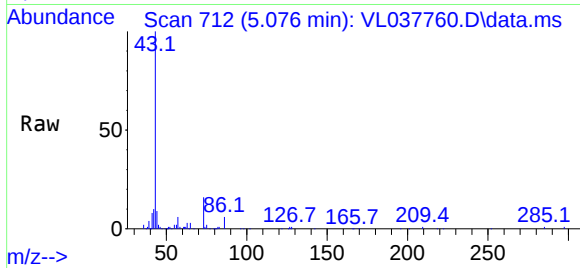
Tgt Ion: 96 Resp: 74009
 Ion Ratio Lower Upper
 96 100
 61 164.7 129.0 193.6
 98 59.9 51.7 77.5





#23
 Vinyl Acetate
 Concen: 0.92 ppbv
 RT: 5.076 min Scan# 711
 Delta R.T. 0.003 min
 Lab File: VL037760.D
 Acq: 4 Oct 2021 12:55

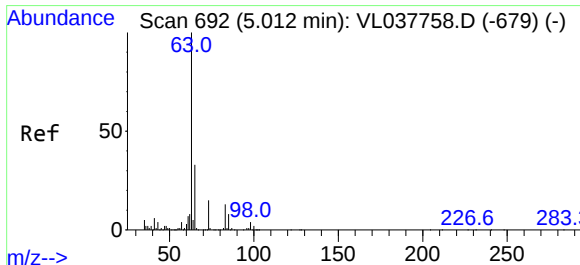
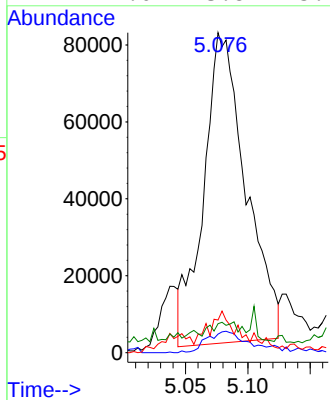
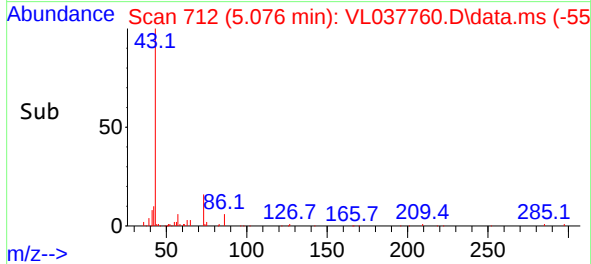
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



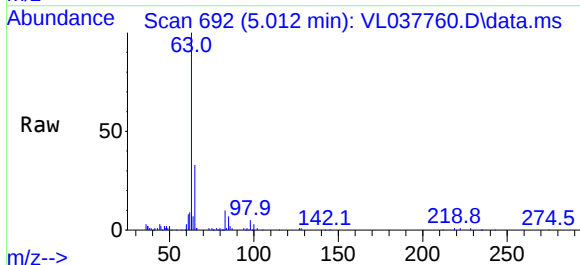
Tgt Ion: 43 Resp: 190650
 Ion Ratio Lower Upper
 43 100
 86 6.0 5.0 7.4
 42 10.4 7.4 11.0
 44 4.0 3.8 5.6

Manual Integrations
 APPROVED

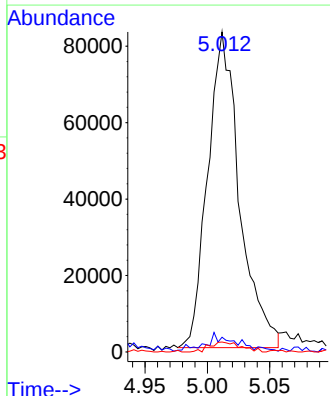
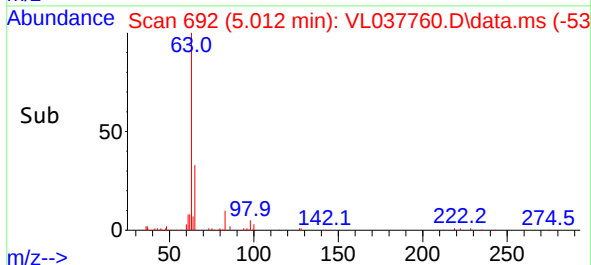
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

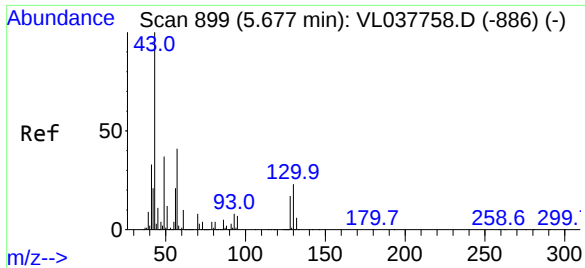


#24
 1,1-Dichloroethane
 Concen: 0.99 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. 0.000 min
 Lab File: VL037760.D
 Acq: 4 Oct 2021 12:55



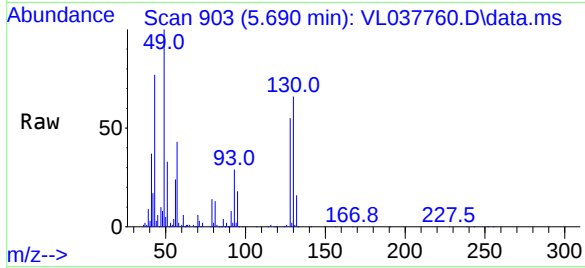
Tgt Ion: 63 Resp: 147017
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.3 6.9
 100 2.7 1.1 3.1





#25
Ethyl Acetate
Concen: 1.00 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.013 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

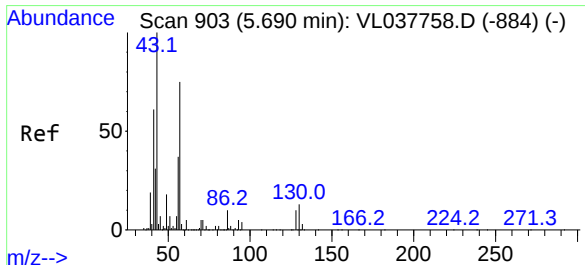
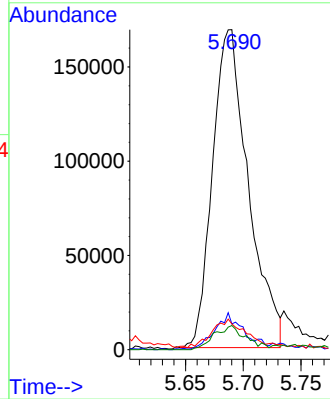
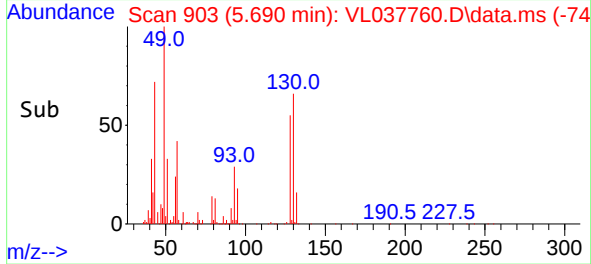
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



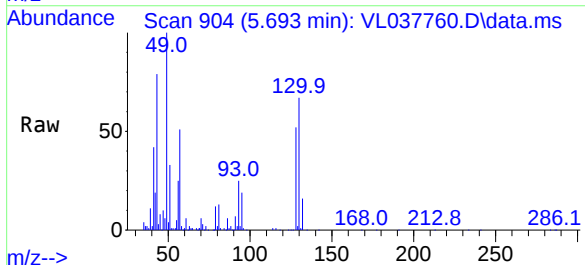
Tgt Ion: 43 Resp: 364698
Ion Ratio Lower Upper
43 100
45 11.2 8.1 12.1
61 9.8 7.5 11.3
70 8.8 5.9 8.9

Manual Integrations
APPROVED

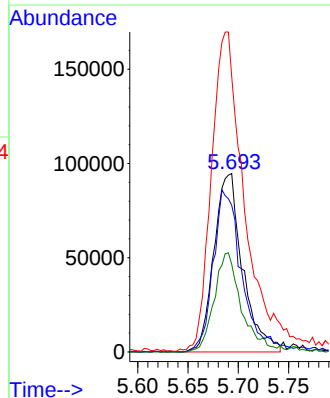
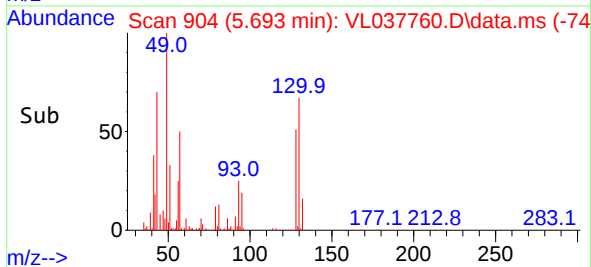
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

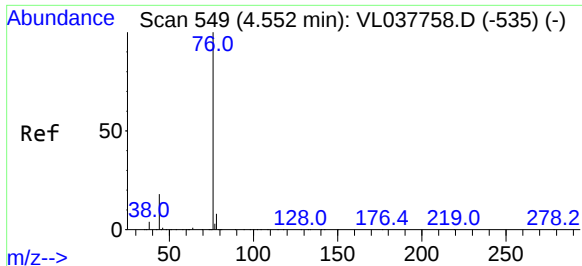


#26
Hexane
Concen: 1.09 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



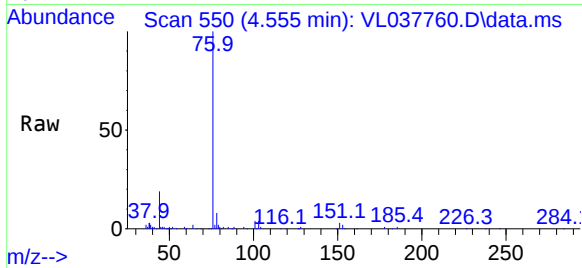
Tgt Ion: 57 Resp: 187942
Ion Ratio Lower Upper
57 100
41 93.5 69.6 104.4
43 208.2 171.4 257.0
56 53.3 42.0 63.0





#27
Carbon Disulfide
Concen: 0.93 ppbv
RT: 4.555 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

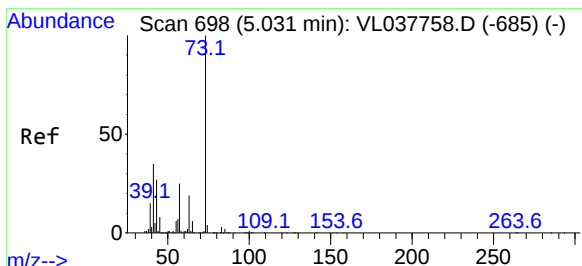
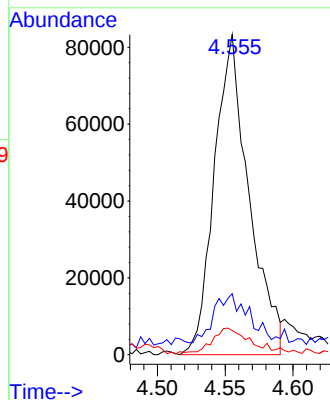
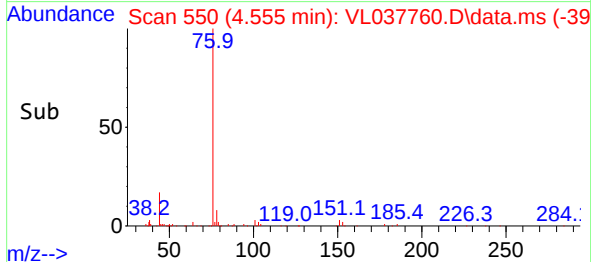
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



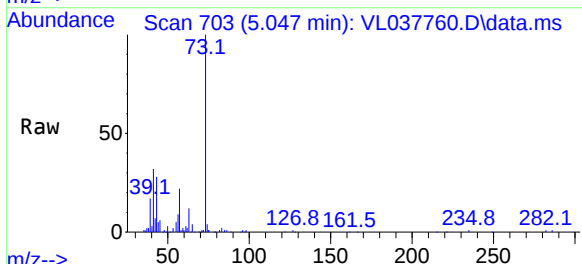
Tgt Ion: 76 Resp: 14798
Ion Ratio Lower Upper
76 100
44 23.5 14.3 21.5
78 11.3 7.8 11.6

Manual Integrations
APPROVED

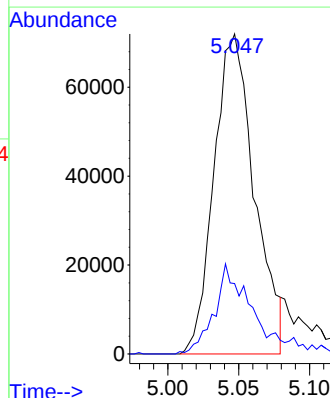
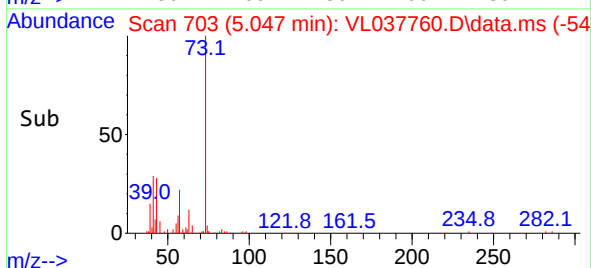
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

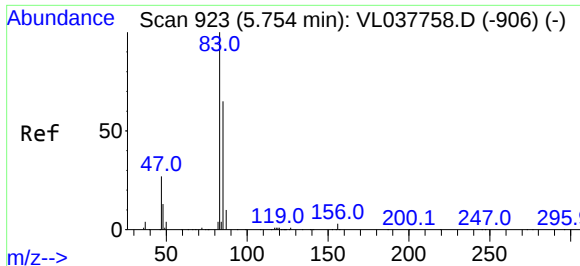


#28
Methyl tert-Butyl Ether
Concen: 0.94 ppbv
RT: 5.047 min Scan# 703
Delta R.T. 0.016 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



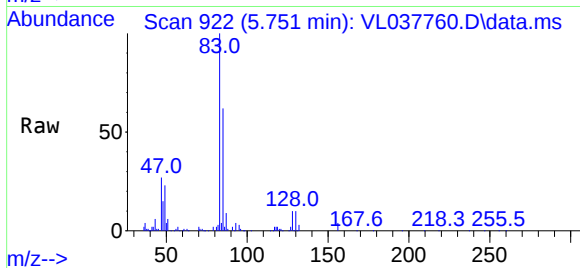
Tgt Ion: 73 Resp: 142824
Ion Ratio Lower Upper
73 100
57 28.0 20.4 30.6





#29
Chloroform
Concen: 1.07 ppbv
RT: 5.751 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

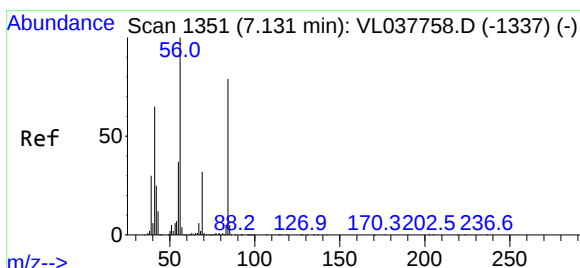
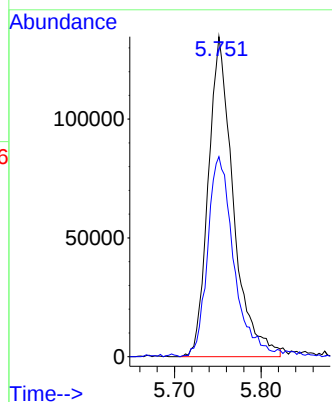
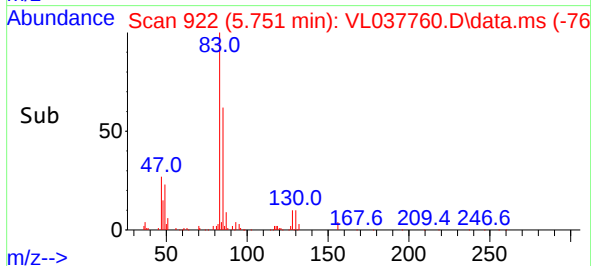
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



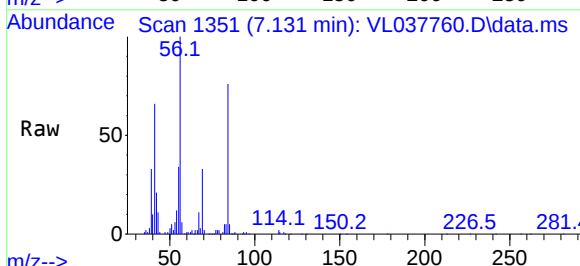
Tgt Ion: 83 Resp: 270095
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.8

Manual Integrations
APPROVED

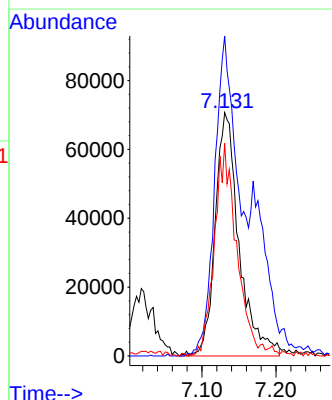
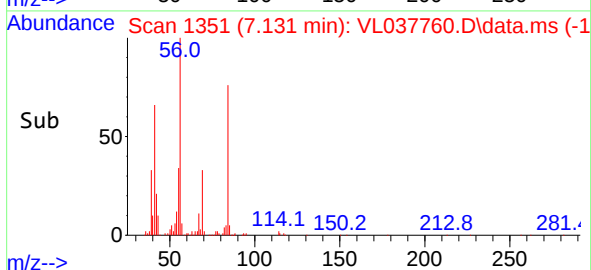
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

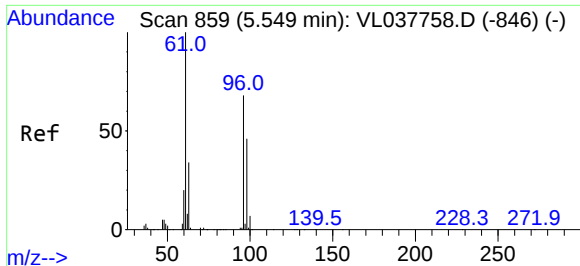


#30
Cyclohexane
Concen: 1.07 ppbv m
RT: 7.131 min Scan# 1351
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



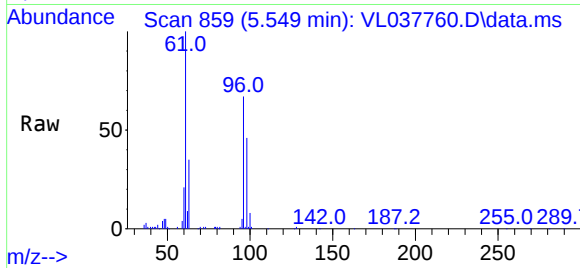
Tgt Ion: 84 Resp: 158740
Ion Ratio Lower Upper
84 100
56 181.2 113.0 169.4#
41 83.3 69.1 103.7





#31
 cis-1,2-Dichloroethene
 Concen: 1.06 ppbv m
 RT: 5.549 min Scan# 859
 Delta R.T. 0.000 min
 Lab File: VL037760.D
 Acq: 4 Oct 2021 12:55

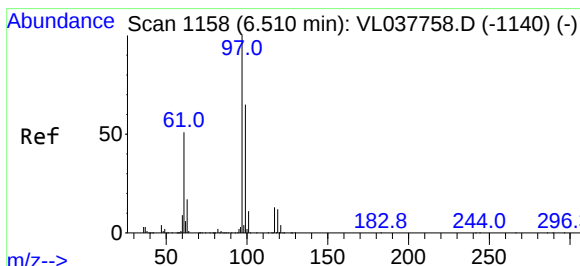
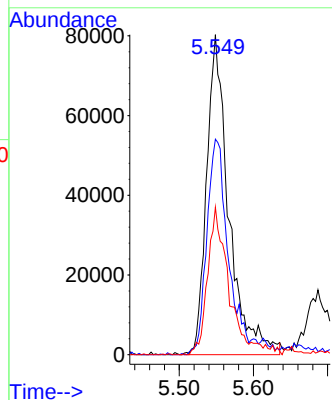
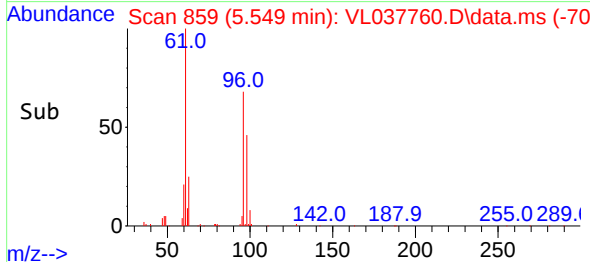
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001



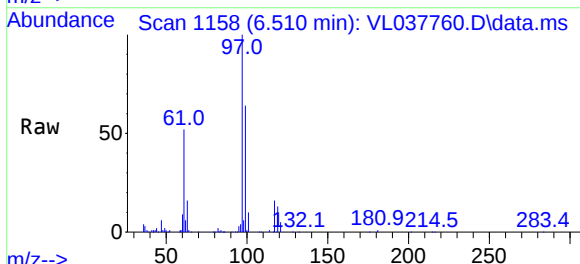
Tgt Ion: 61 Resp: 166934
 Ion Ratio Lower Upper
 61 100
 96 67.4 54.2 81.2
 98 46.1 36.6 54.8

Manual Integrations
 APPROVED

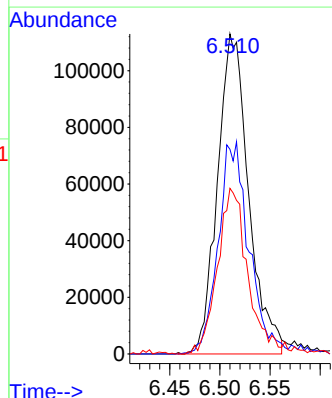
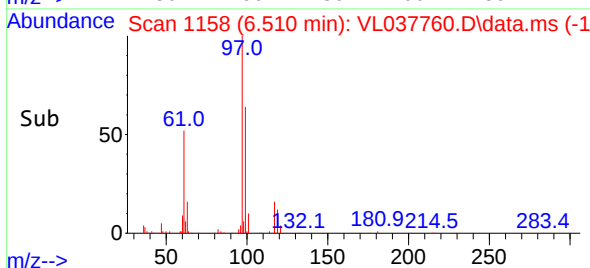
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

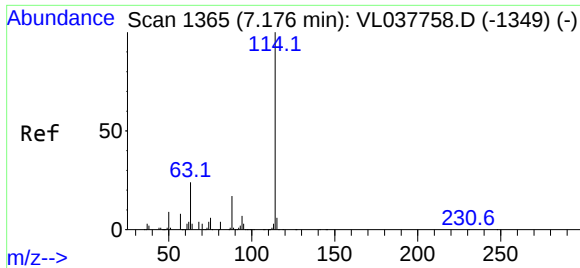


#32
 1,1,1-Trichloroethane
 Concen: 1.04 ppbv m
 RT: 6.510 min Scan# 1158
 Delta R.T. 0.000 min
 Lab File: VL037760.D
 Acq: 4 Oct 2021 12:55



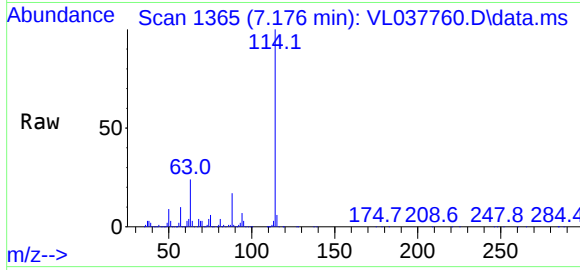
Tgt Ion: 97 Resp: 243753
 Ion Ratio Lower Upper
 97 100
 99 67.0 52.6 78.8
 61 51.7 40.2 60.4





#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.176 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

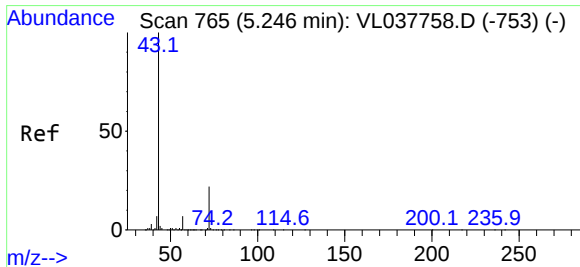
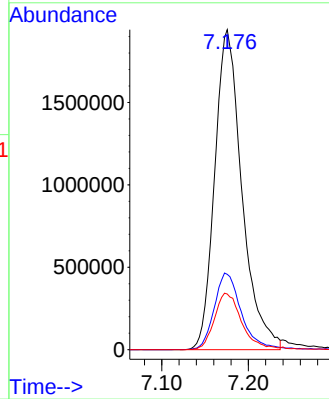
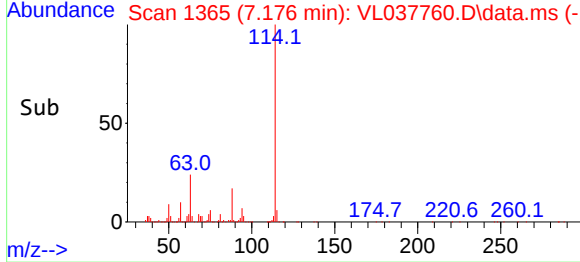
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



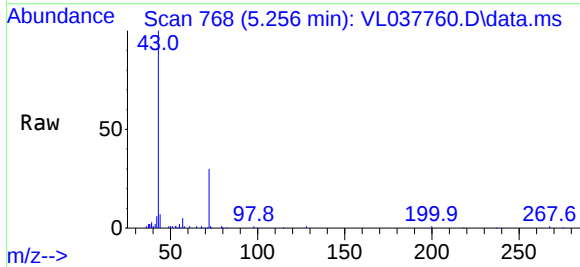
Tgt Ion:114 Resp: 4247240
Ion Ratio Lower Upper
114 100
63 24.4 19.4 29.2
88 18.2 14.4 21.6

Manual Integrations
APPROVED

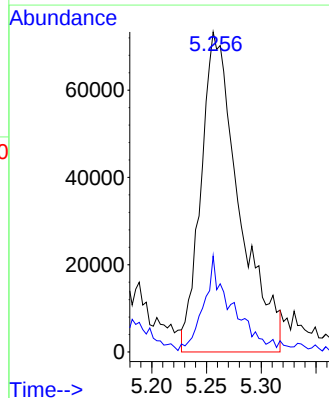
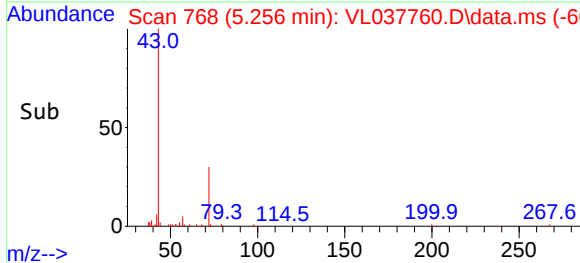
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

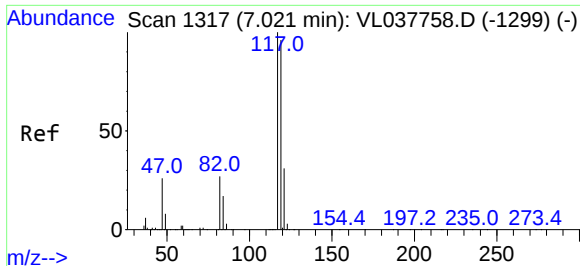


#34
2-Butanone
Concen: 1.03 ppbv m
RT: 5.256 min Scan# 768
Delta R.T. 0.010 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



Tgt Ion: 43 Resp: 177013
Ion Ratio Lower Upper
43 100
72 22.5 18.2 27.2





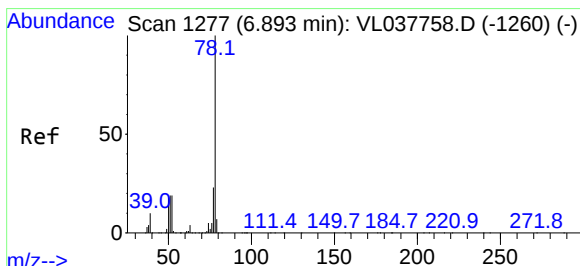
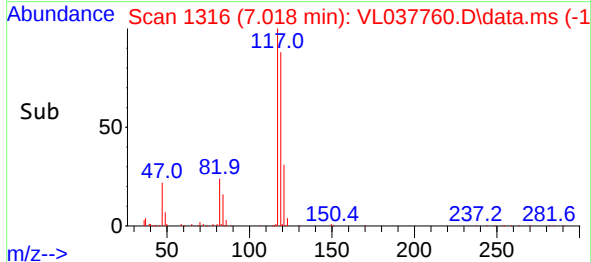
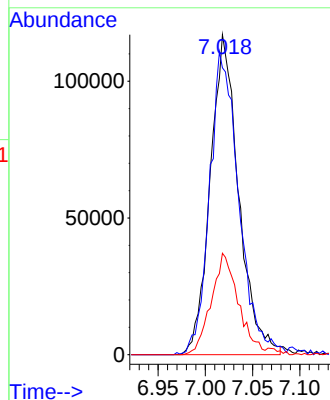
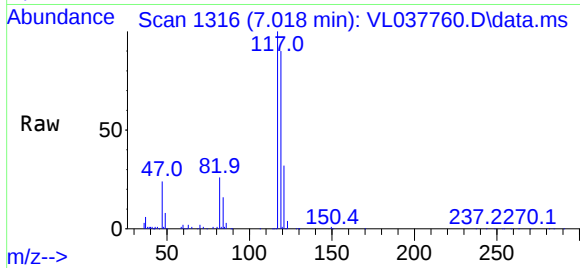
#35
Carbon Tetrachloride
Concen: 1.02 ppbv
RT: 7.018 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 244239
Ion Ratio Lower Upper
117 100
119 89.5 76.5 114.7
121 31.7 24.9 37.3

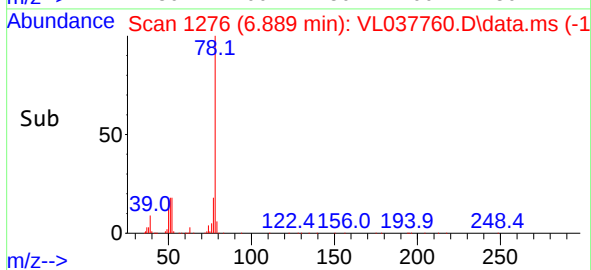
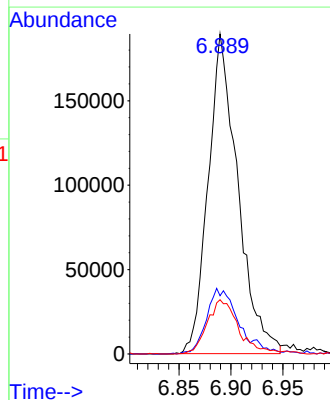
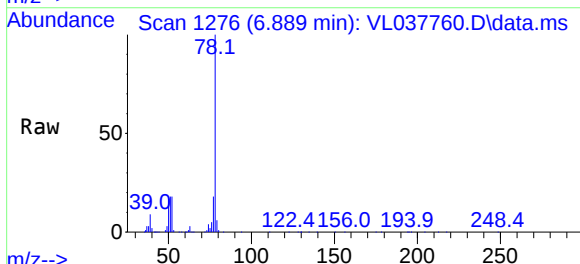
Manual Integrations
APPROVED

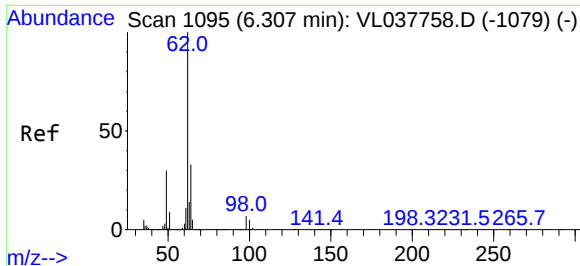
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#36
Benzene
Concen: 1.06 ppbv
RT: 6.889 min Scan# 1276
Delta R.T. -0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

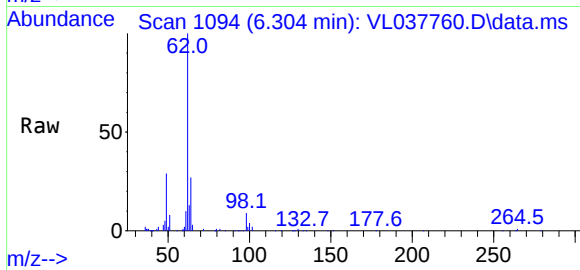
Tgt Ion: 78 Resp: 375941
Ion Ratio Lower Upper
78 100
77 18.1 18.8 28.2#
50 16.9 14.7 22.1





#37
1,2-Dichloroethane
Concen: 0.98 ppbv
RT: 6.304 min Scan# 1094
Delta R.T. -0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

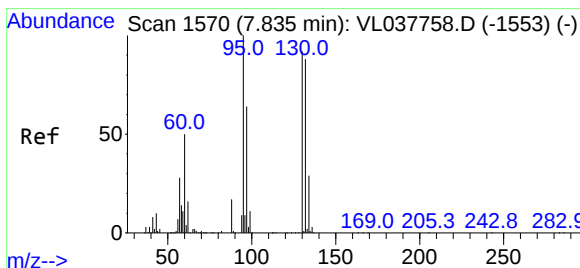
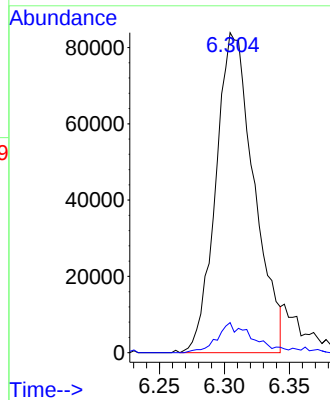
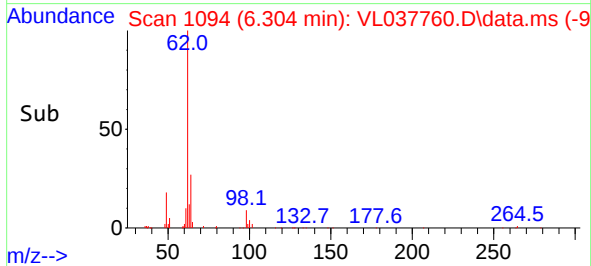
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 62 Resp: 17117
Ion Ratio Lower Upper
62 100
98 9.4 6.1 9.1

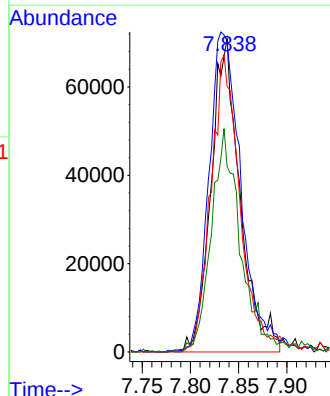
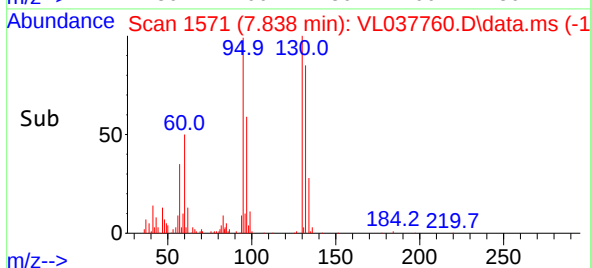
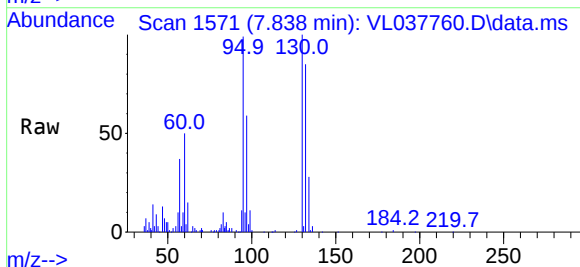
Manual Integrations
APPROVED

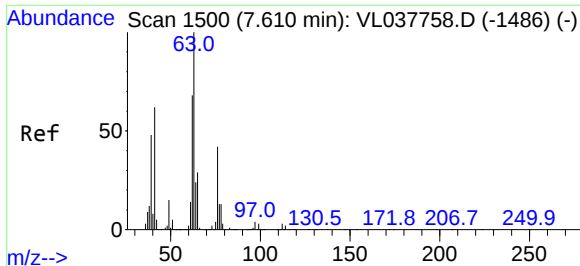
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#38
Trichloroethene
Concen: 1.00 ppbv m
RT: 7.838 min Scan# 1571
Delta R.T. 0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

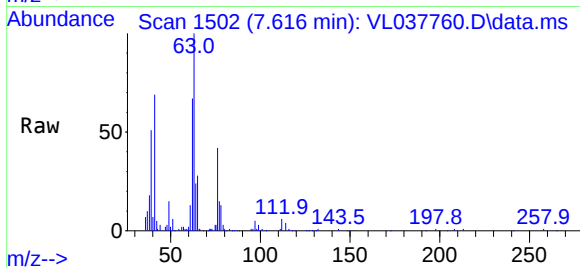
Tgt Ion:130 Resp: 148336
Ion Ratio Lower Upper
130 100
95 99.3 87.4 131.0
132 84.8 76.8 115.2
97 59.3 55.8 83.8





#39
1,2-Dichloropropane
Concen: 1.04 ppbv m
RT: 7.616 min Scan# 141394
Delta R.T. 0.006 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

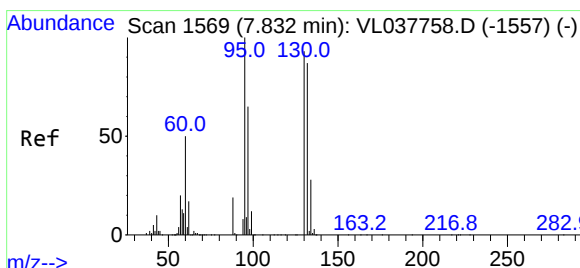
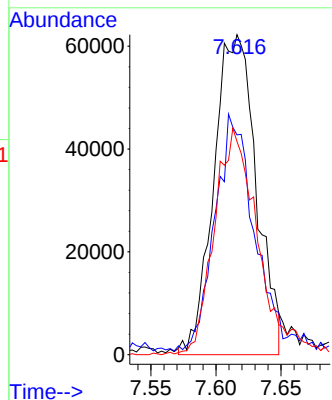
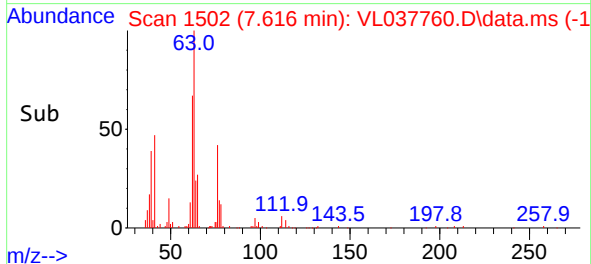
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



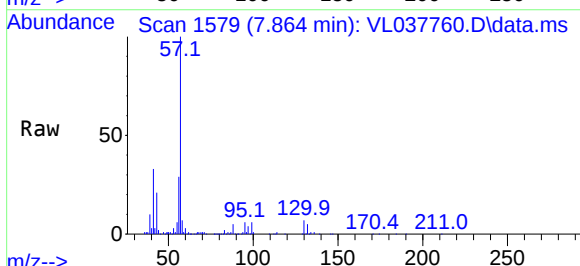
Tgt Ion: 63 Resp: 141394
Ion Ratio Lower Upper
63 100
41 68.7 49.8 74.6
62 66.6 54.6 82.0

Manual Integrations
APPROVED

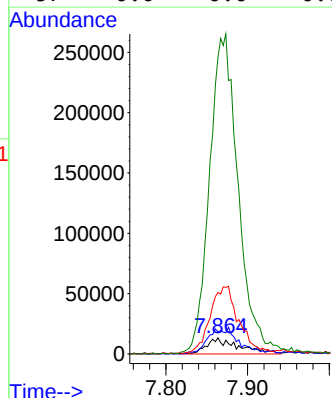
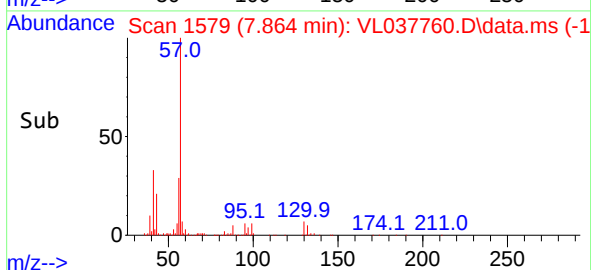
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

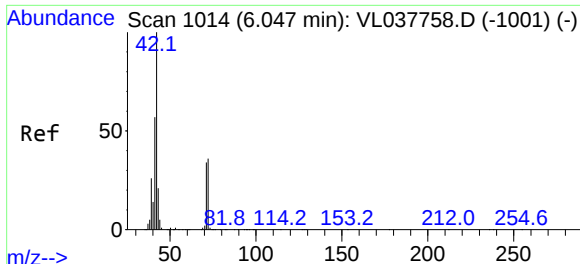


#40
1,4-Dioxane
Concen: 1.10 ppbv m
RT: 7.864 min Scan# 1579
Delta R.T. 0.032 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



Tgt Ion: 88 Resp: 36388
Ion Ratio Lower Upper
88 100
58 0.0 0.0 0.0
43 0.0 0.0 0.0
57 0.0 0.0 0.0





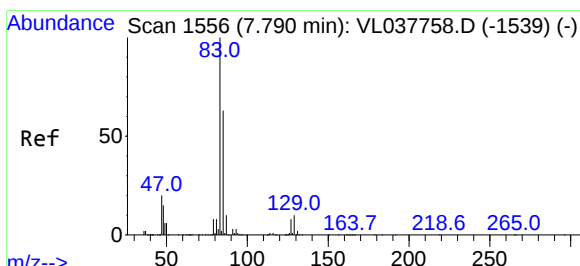
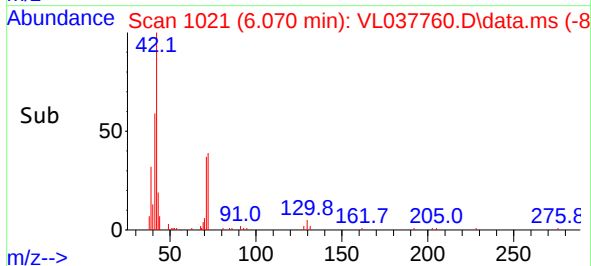
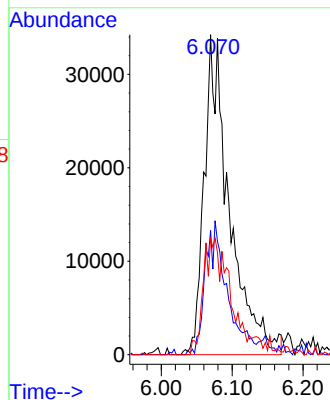
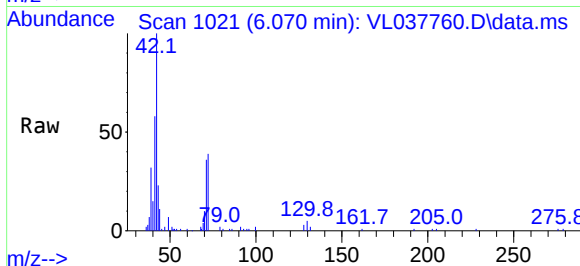
#41
Tetrahydrofuran
Concen: 1.04 ppbv m
RT: 6.070 min Scan# 1014
Delta R.T. 0.023 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 8474
Ion Ratio Lower Upper
42 100
72 0.0 31.9 47.9
71 0.0 30.3 45.5

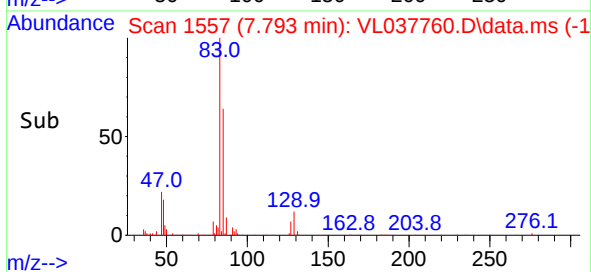
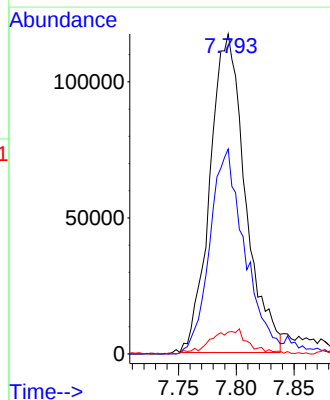
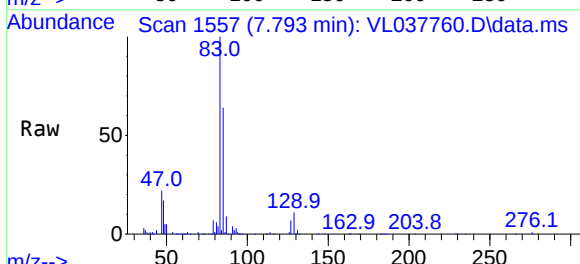
Manual Integrations
APPROVED

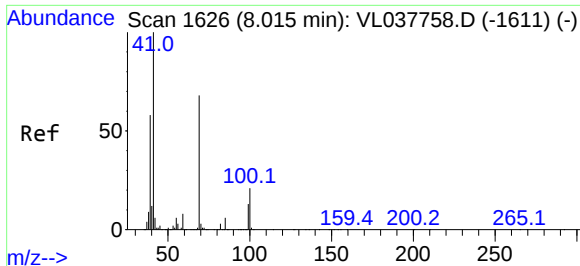
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#42
Bromodichloromethane
Concen: 1.00 ppbv
RT: 7.793 min Scan# 1557
Delta R.T. 0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

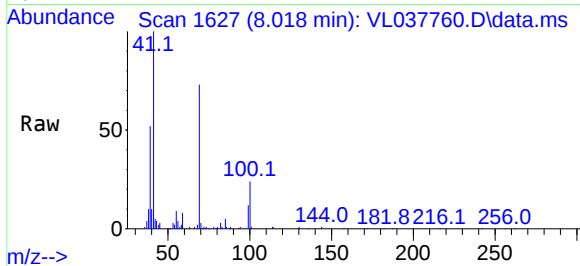
Tgt Ion: 83 Resp: 248709
Ion Ratio Lower Upper
83 100
85 64.0 50.6 75.8
127 6.6 6.2 9.4





#43
Methyl Methacrylate
Concen: 0.91 ppbv
RT: 8.018 min Scan# 106808
Delta R.T. 0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

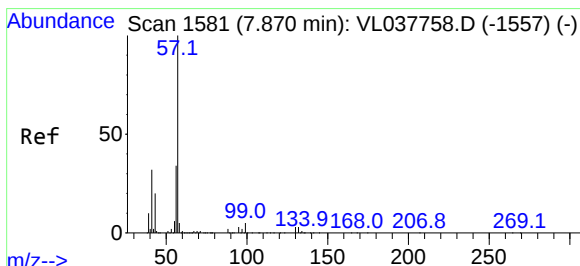
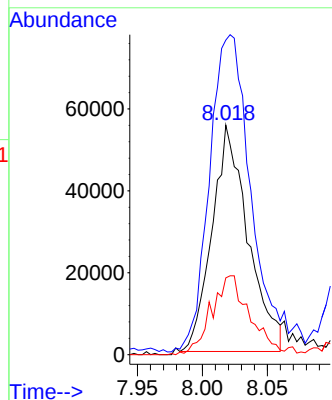
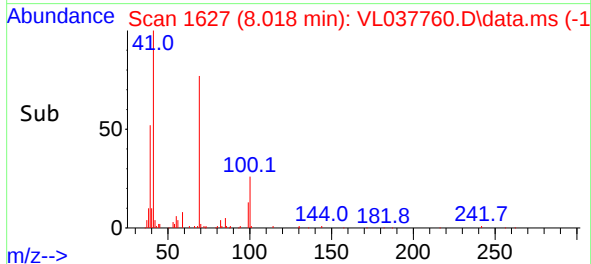
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



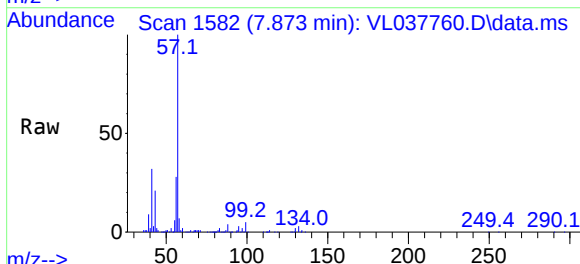
Tgt Ion: 69 Resp: 106808
Ion Ratio Lower Upper
69 100
41 166.0 121.0 181.4
100 37.5 27.7 41.5

Manual Integrations
APPROVED

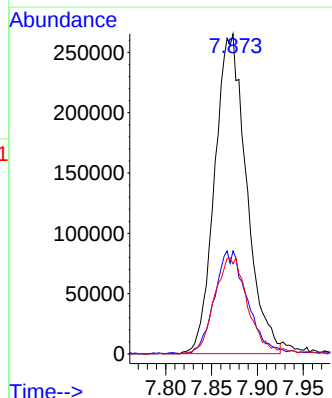
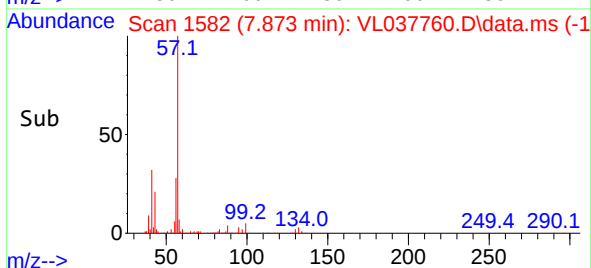
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

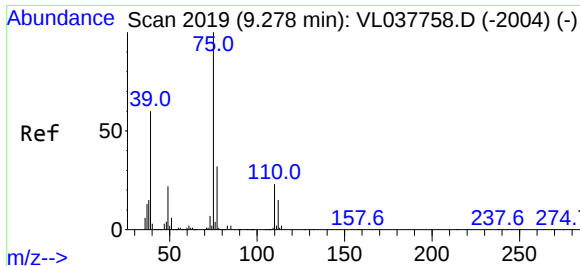


#44
2,2,4-Trimethylpentane
Concen: 1.07 ppbv
RT: 7.873 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



Tgt Ion: 57 Resp: 637625
Ion Ratio Lower Upper
57 100
41 33.6 25.6 38.4
56 32.3 25.5 38.3





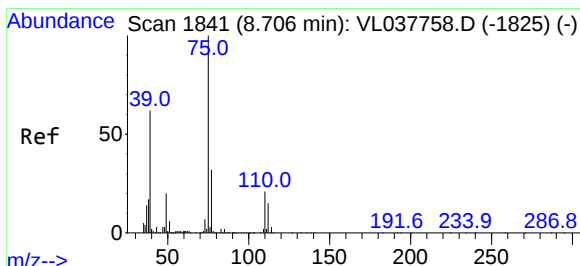
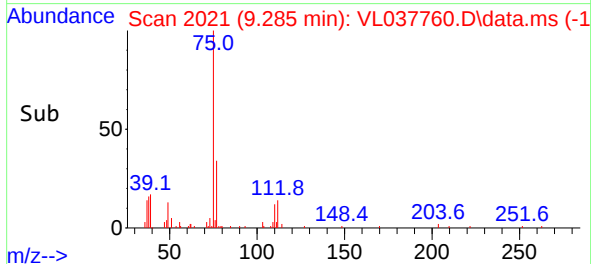
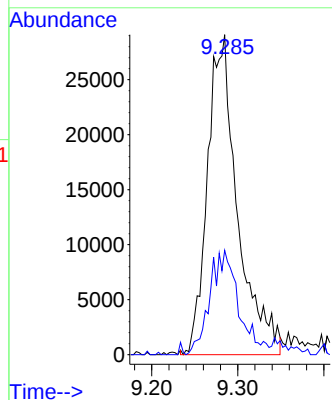
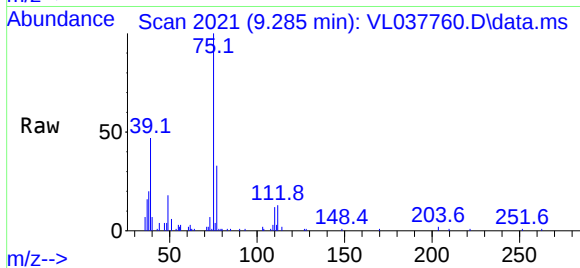
#45
t-1,3-Dichloropropene
Concen: 0.76 ppbv m
RT: 9.285 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 7056
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8

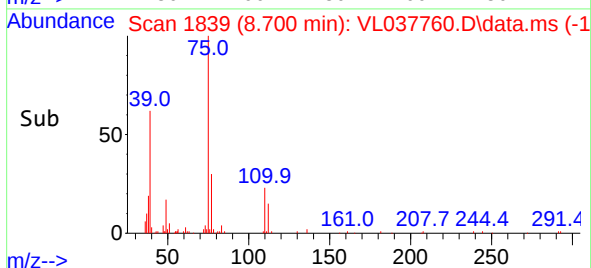
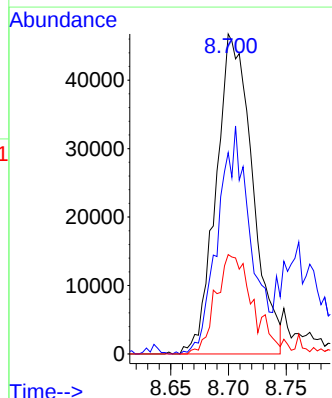
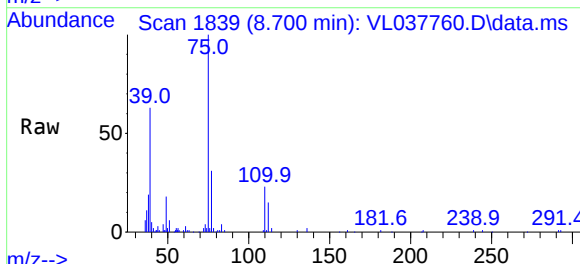
Manual Integrations
APPROVED

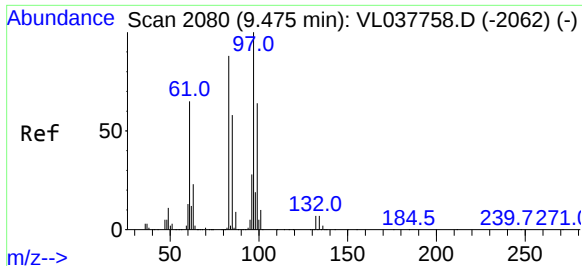
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#46
cis-1,3-Dichloropropene
Concen: 0.82 ppbv
RT: 8.700 min Scan# 1839
Delta R.T. -0.006 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

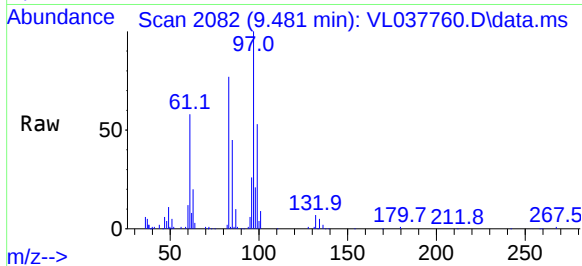
Tgt Ion: 75 Resp: 102511
Ion Ratio Lower Upper
75 100
39 62.9 49.9 74.9
77 31.1 25.9 38.9





#47
1,1,2-Trichloroethane
Concen: 1.03 ppbv m
RT: 9.481 min Scan# 2080
Delta R.T. 0.006 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

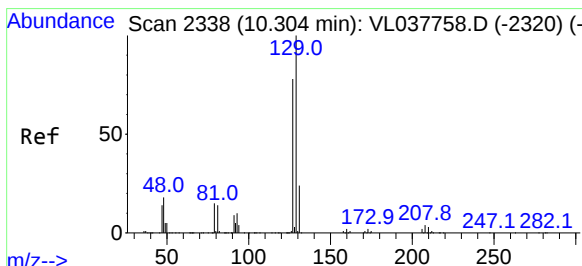
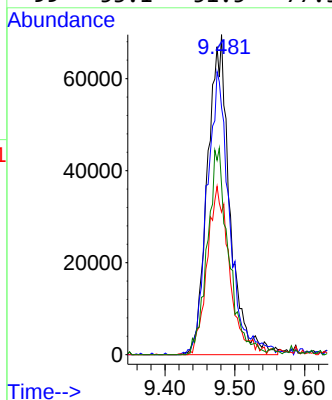
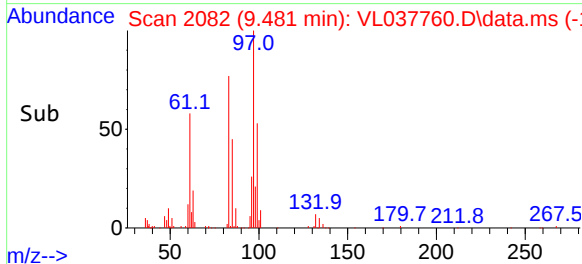
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



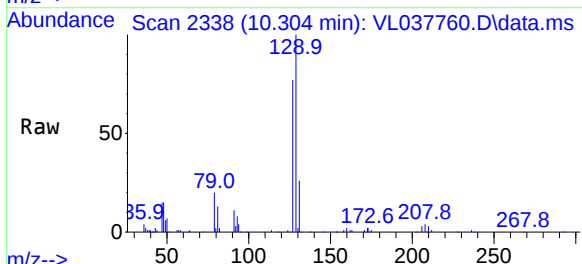
Tgt Ion: 97 Resp: 15398
Ion Ratio Lower Upper
97 100
83 77.2 70.6 105.8
85 44.6 45.9 68.9
99 53.1 51.5 77.3

Manual Integrations
APPROVED

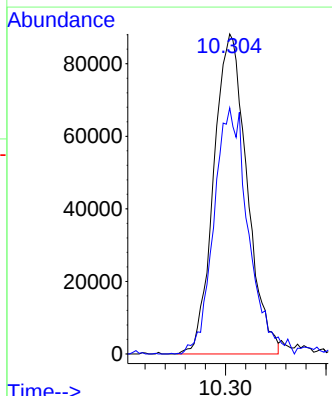
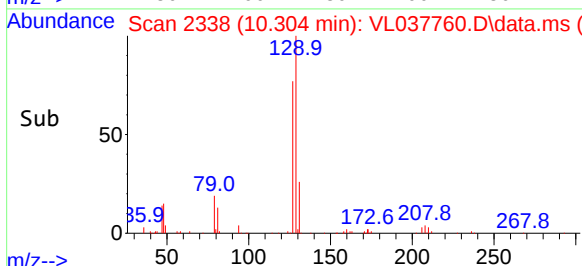
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

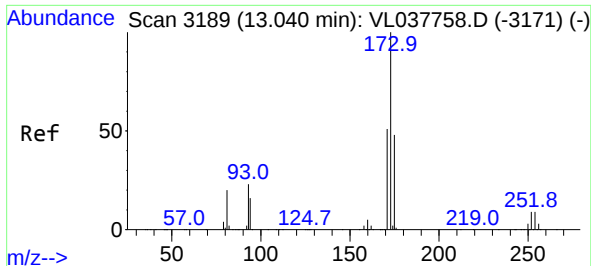


#48
Dibromochloromethane
Concen: 0.97 ppbv
RT: 10.304 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



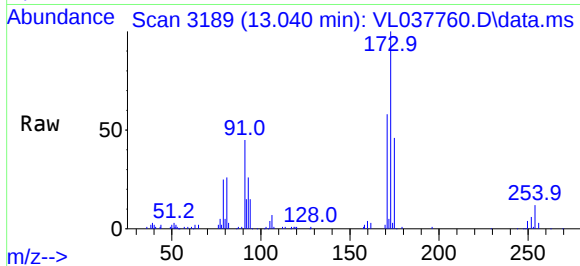
Tgt Ion:129 Resp: 202386
Ion Ratio Lower Upper
129 100
127 81.9 39.5 118.5





#49
Bromoform
Concen: 0.90 ppbv m
RT: 13.040 min Scan# 3189
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

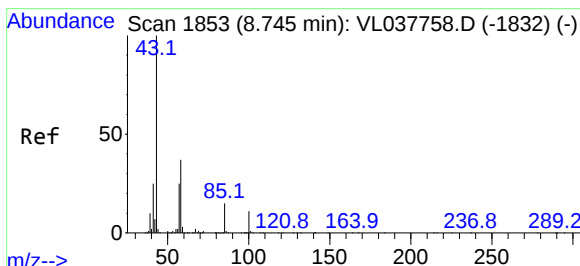
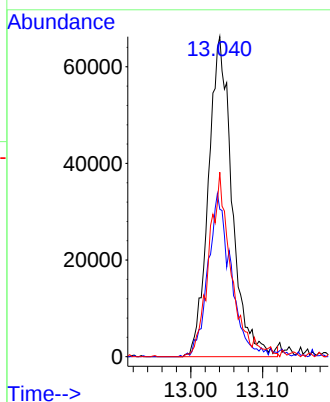
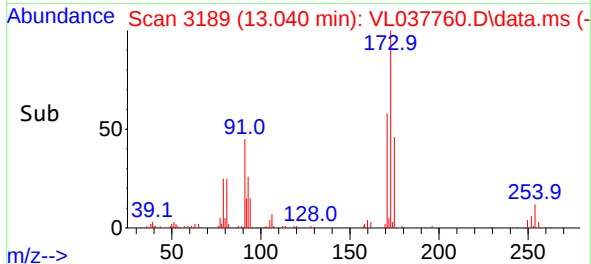
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



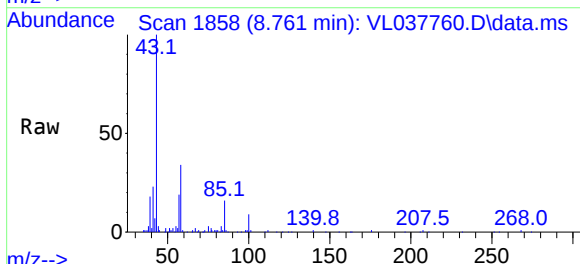
Tgt Ion: 173 Resp: 151488
Ion Ratio Lower Upper
173 100
175 49.4 39.9 59.9
171 55.6 43.4 65.2

Manual Integrations
APPROVED

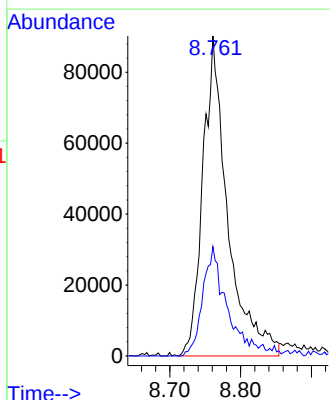
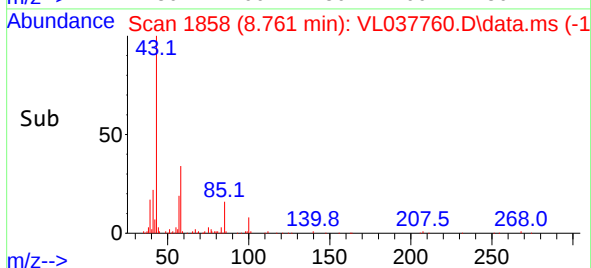
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

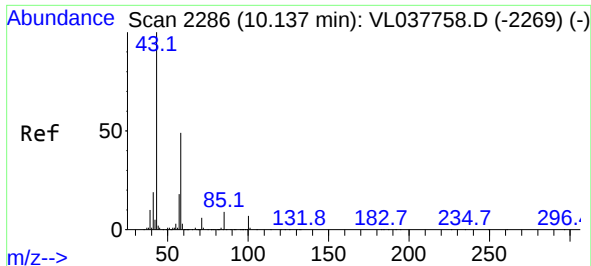


#50
4-Methyl-2-Pentanone
Concen: 1.01 ppbv m
RT: 8.761 min Scan# 1858
Delta R.T. 0.016 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



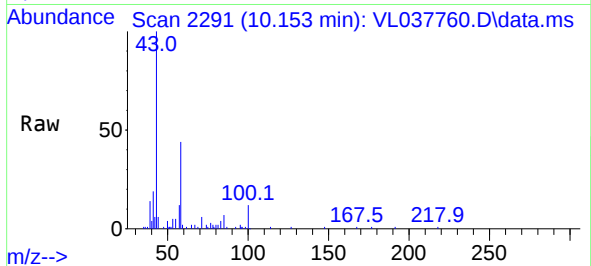
Tgt Ion: 43 Resp: 220495
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.0#





#51
2-Hexanone
Concen: 0.96 ppbv m
RT: 10.153 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

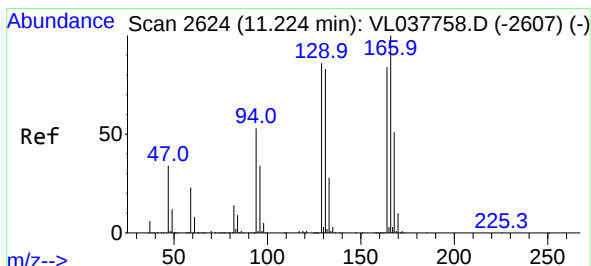
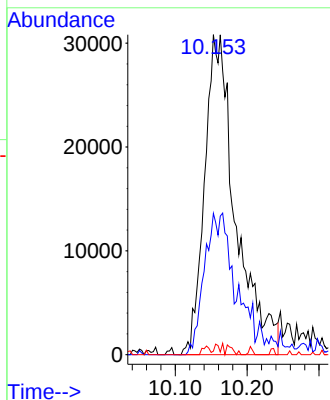
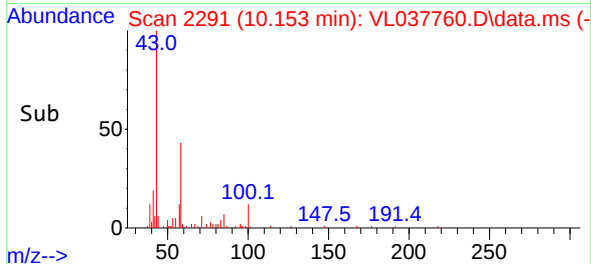
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



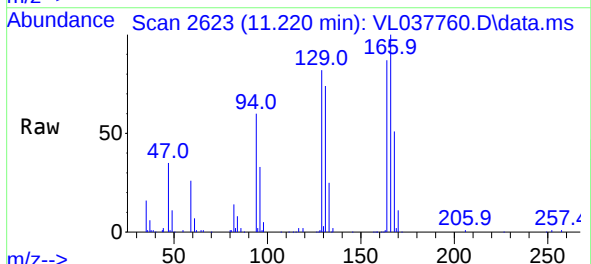
Tgt Ion: 43 Resp: 92562
Ion Ratio Lower Upper
43 100
58 0.0 39.4 59.0
98 0.0 0.3 0.5

Manual Integrations
APPROVED

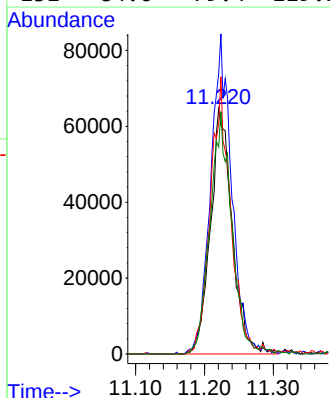
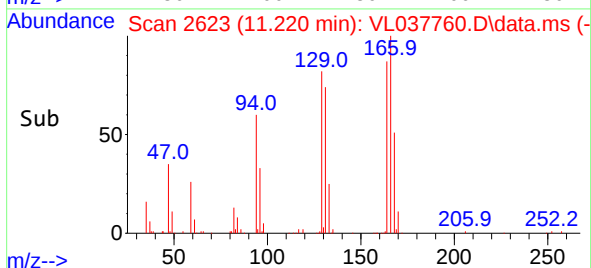
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

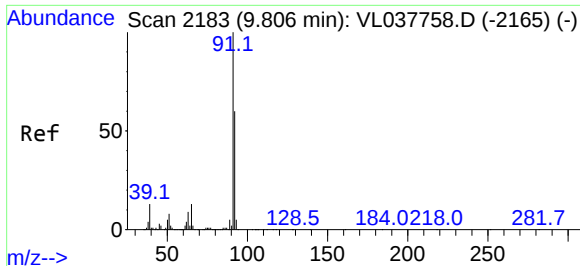


#52
Tetrachloroethene
Concen: 1.04 ppbv m
RT: 11.220 min Scan# 2623
Delta R.T. -0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



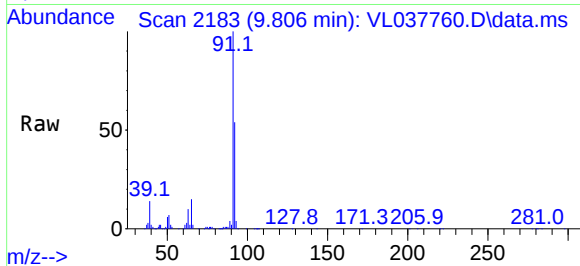
Tgt Ion:164 Resp: 141989
Ion Ratio Lower Upper
164 100
166 114.6 95.4 143.2
129 93.9 82.2 123.4
131 84.6 79.4 119.2





#53
Toluene
Concen: 1.02 ppbv
RT: 9.806 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

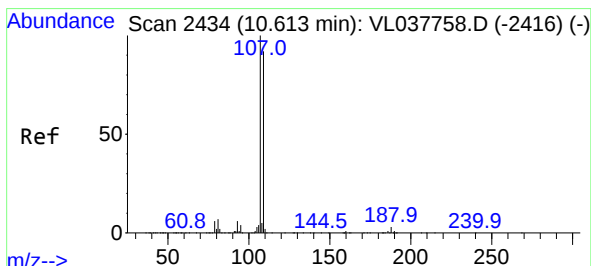
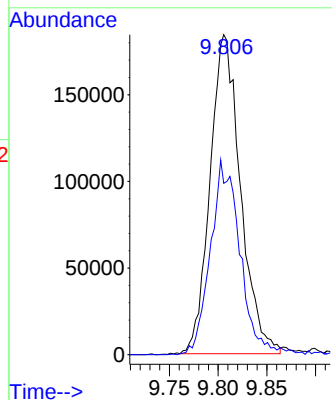
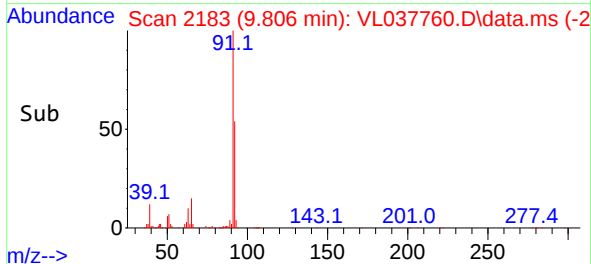
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



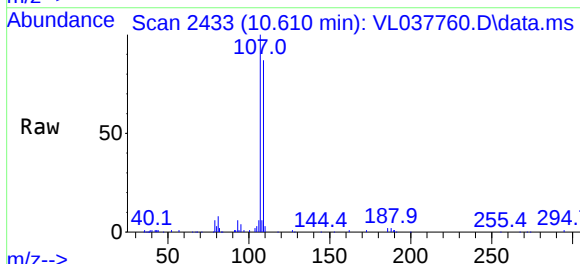
Tgt Ion: 91 Resp: 400359
Ion Ratio Lower Upper
91 100
92 59.7 48.4 72.6

Manual Integrations
APPROVED

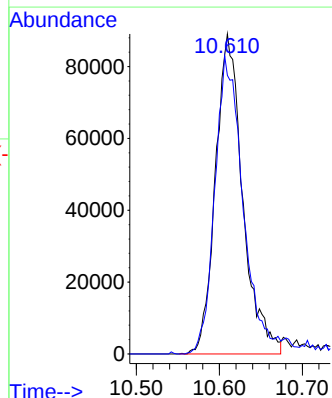
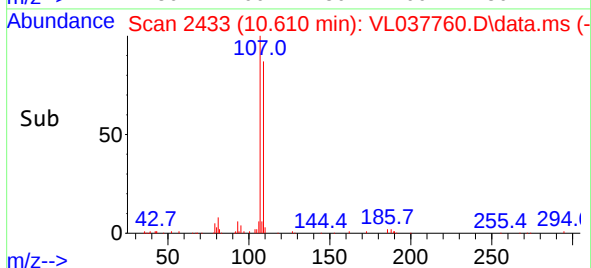
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

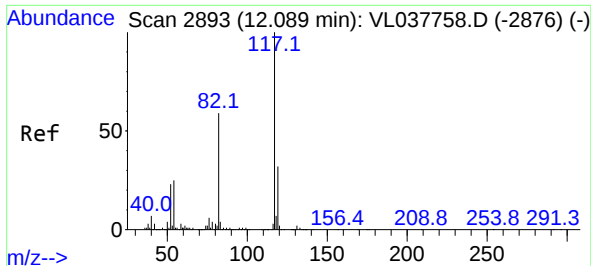


#54
1,2-Dibromoethane
Concen: 0.99 ppbv m
RT: 10.610 min Scan# 2433
Delta R.T. -0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



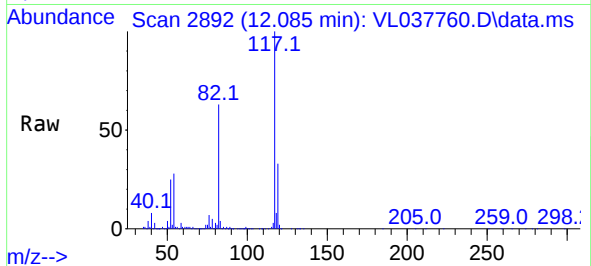
Tgt Ion:107 Resp: 203571
Ion Ratio Lower Upper
107 100
109 87.1 73.8 110.6





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.085 min Scan# 2893
Delta R.T. -0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

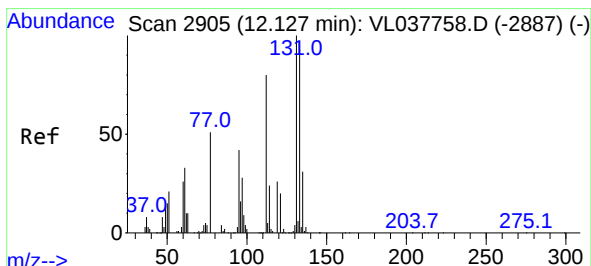
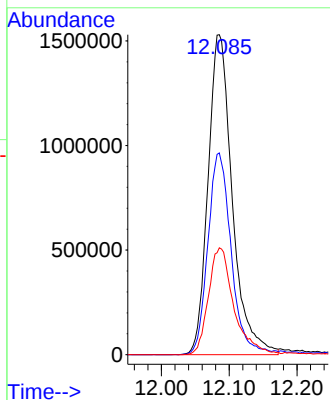
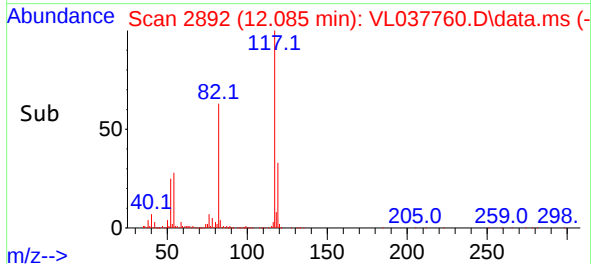
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



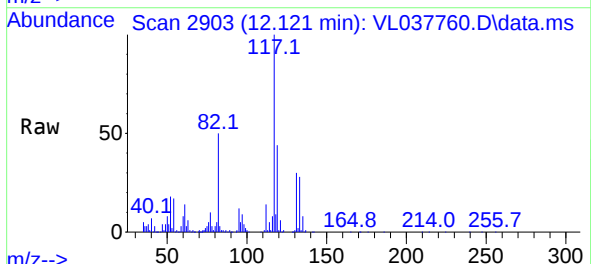
Tgt Ion:117 Resp: 380319
Ion Ratio Lower Upper
117 100
82 61.6 52.2 78.2
119 35.5 26.0 39.0

Manual Integrations
APPROVED

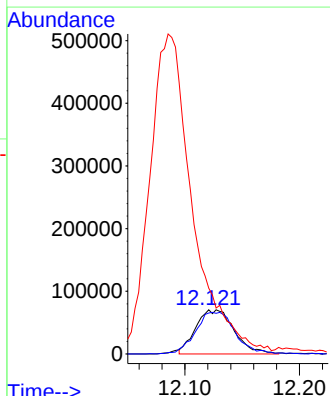
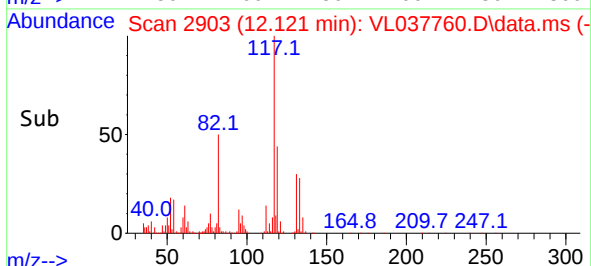
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

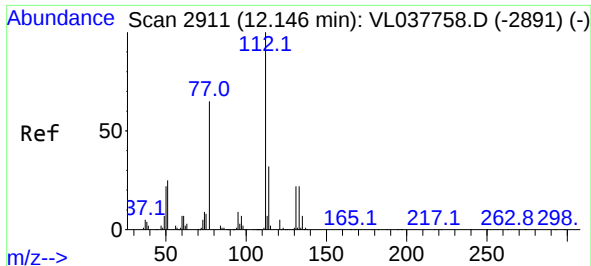


#56
1,1,1,2-Tetrachloroethane
Concen: 1.04 ppbv m
RT: 12.121 min Scan# 2903
Delta R.T. -0.006 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



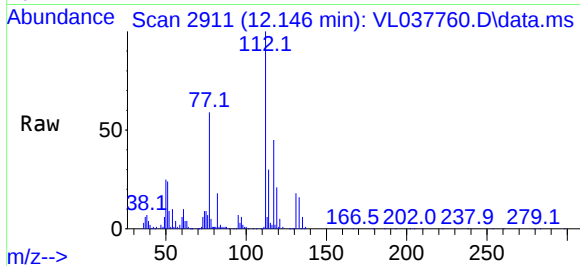
Tgt Ion:131 Resp: 164138
Ion Ratio Lower Upper
131 100
133 98.3 78.5 117.7
119 0.0 51.7 77.5#





#57
Chlorobenzene
Concen: 1.06 ppbv
RT: 12.146 min Scan# 2911
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

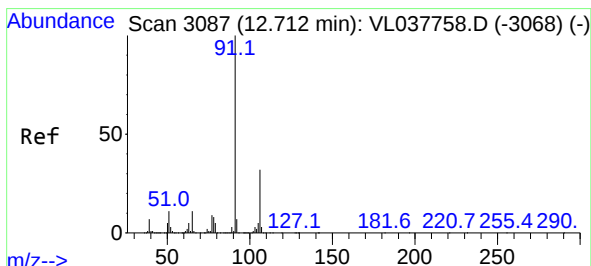
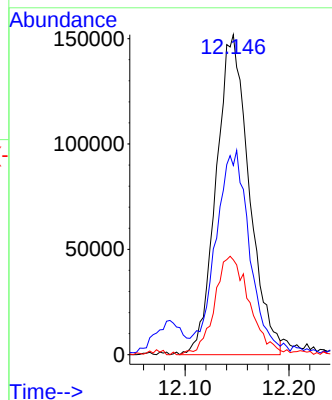
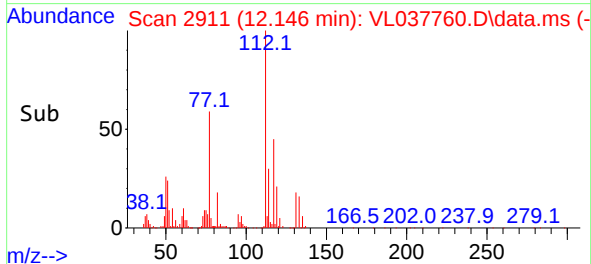
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



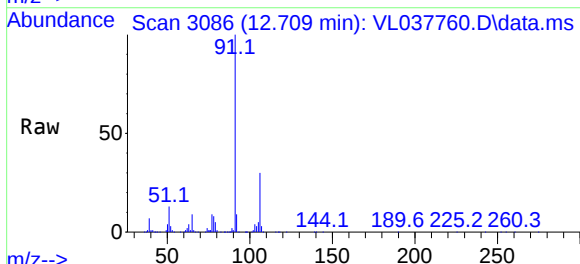
Tgt Ion: 112 Resp: 33479
Ion Ratio Lower Upper
112 100
77 56.5 51.8 77.8
114 29.7 28.8 35.2

Manual Integrations
APPROVED

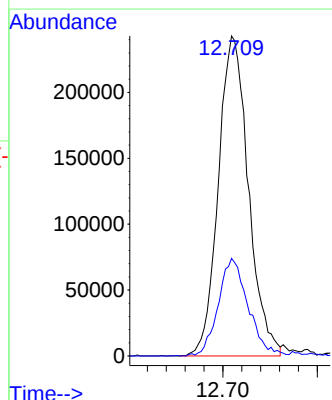
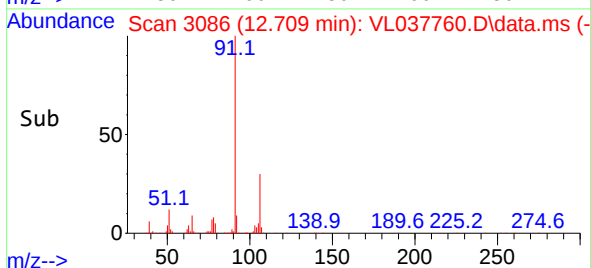
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

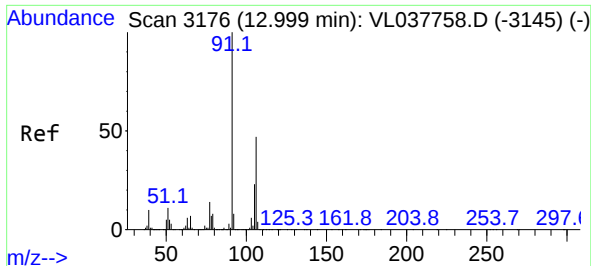


#58
Ethyl Benzene
Concen: 1.06 ppbv
RT: 12.709 min Scan# 3086
Delta R.T. -0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



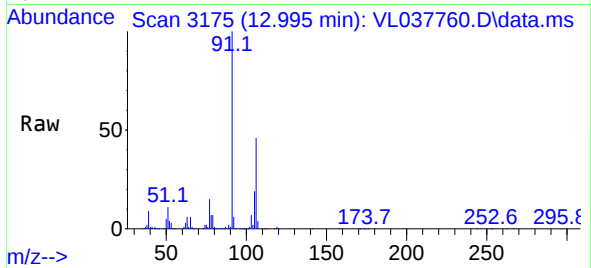
Tgt Ion: 91 Resp: 535718
Ion Ratio Lower Upper
91 100
106 30.5 25.3 37.9





#59
m/p-Xylene
Concen: 2.12 ppbv m
RT: 12.995 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

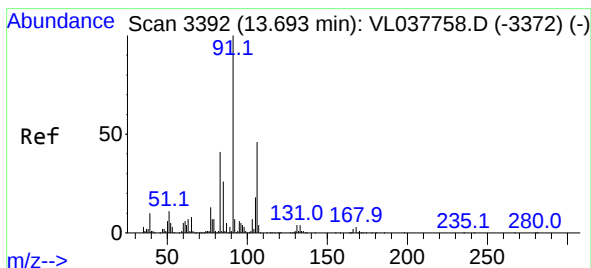
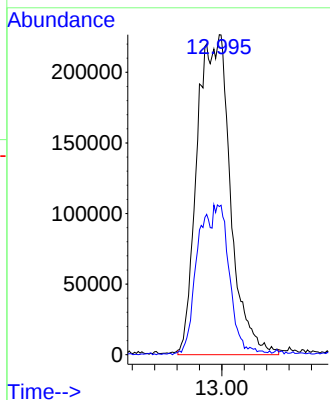
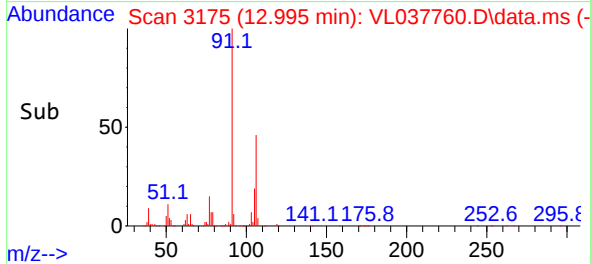
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



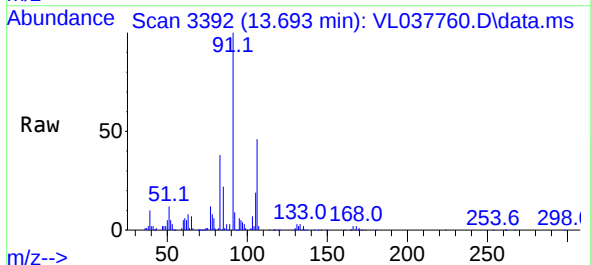
Tgt Ion: 91 Resp: 932824
Ion Ratio Lower Upper
91 100
106 44.5 36.7 55.1

Manual Integrations
APPROVED

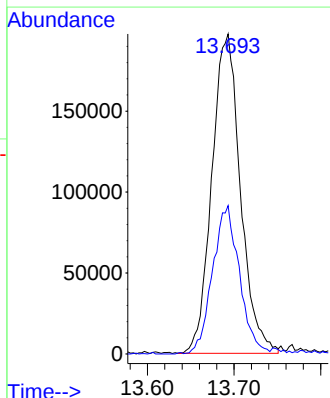
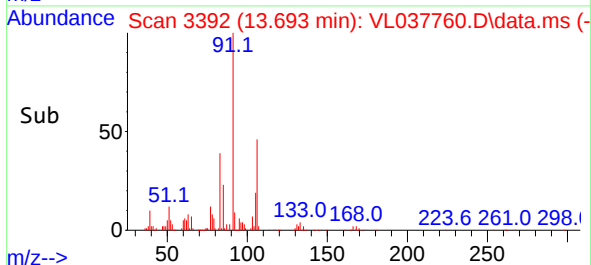
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

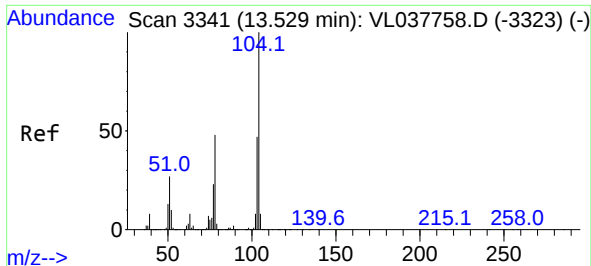


#60
o-Xylene
Concen: 1.08 ppbv
RT: 13.693 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



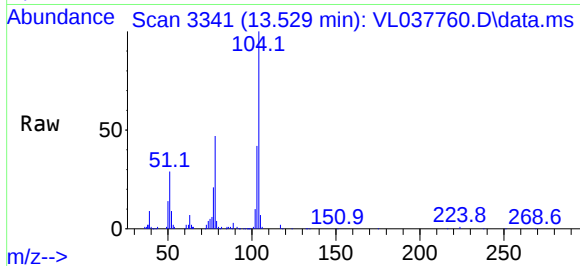
Tgt Ion: 91 Resp: 452360
Ion Ratio Lower Upper
91 100
106 44.4 23.5 70.5





#61
Styrene
Concen: 0.92 ppbv
RT: 13.529 min Scan# 3341
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

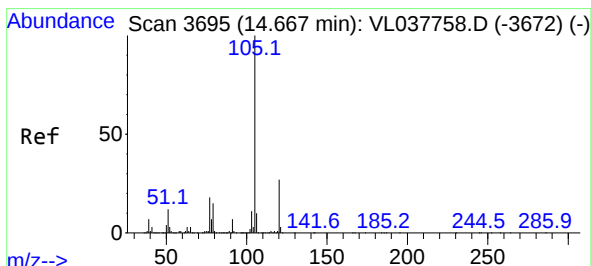
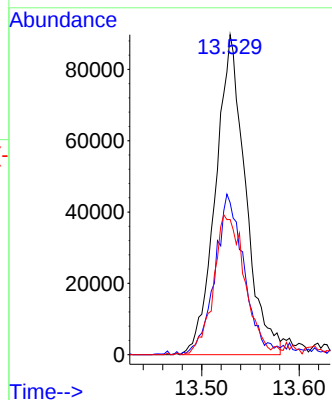
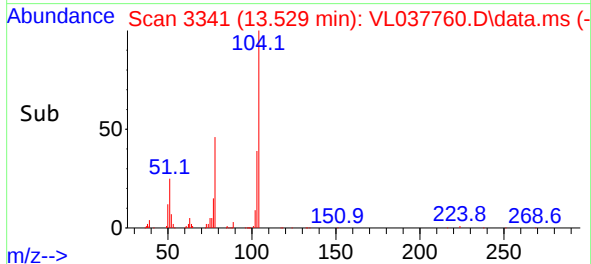
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



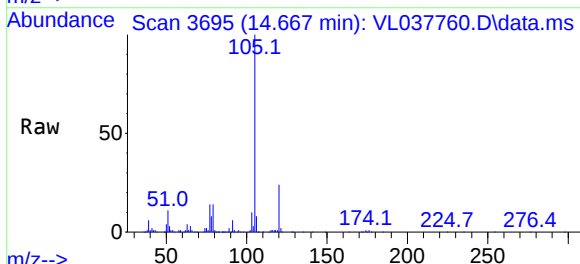
Tgt Ion:104 Resp: 190828
Ion Ratio Lower Upper
104 100
78 51.7 40.6 61.0
103 47.2 39.6 59.4

Manual Integrations
APPROVED

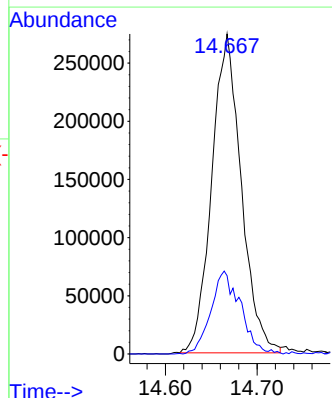
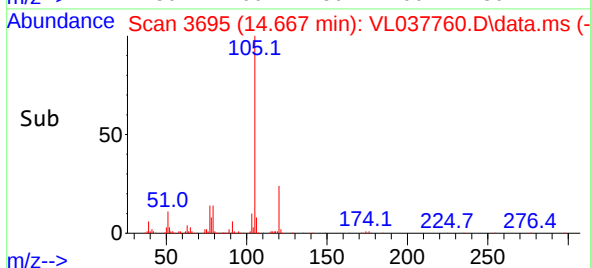
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

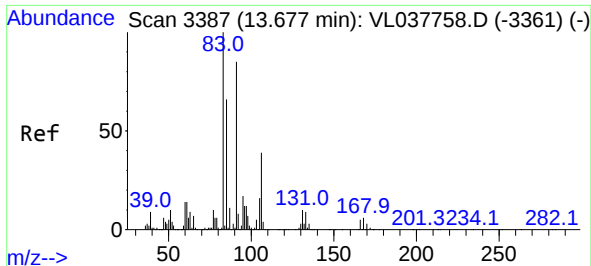


#62
Isopropylbenzene
Concen: 1.05 ppbv
RT: 14.667 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



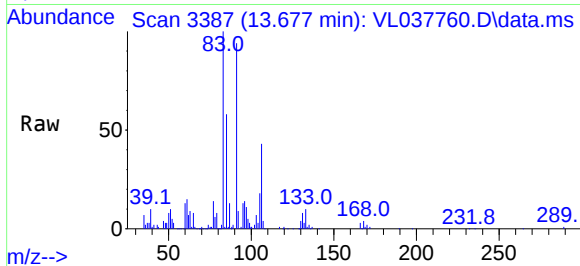
Tgt Ion:105 Resp: 613337
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9





#63
1,1,2,2-Tetrachloroethane
Concen: 0.97 ppbv
RT: 13.677 min Scan# 31831
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

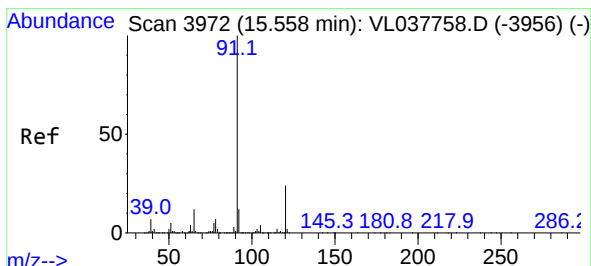
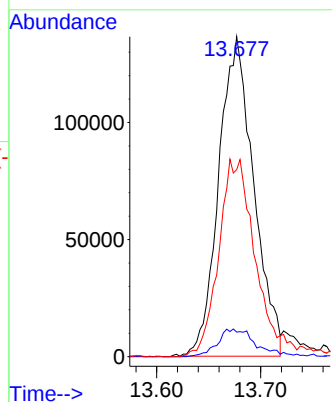
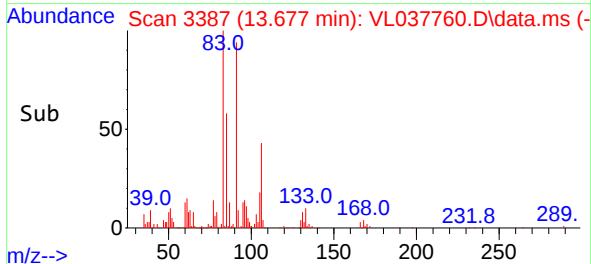
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



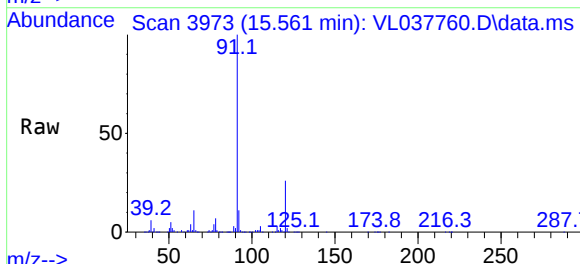
Tgt Ion: 83 Resp: 31831
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 67.0 33.1 99.5

Manual Integrations
APPROVED

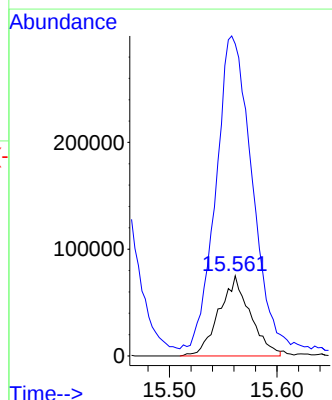
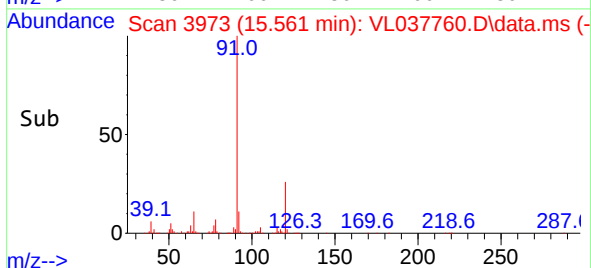
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

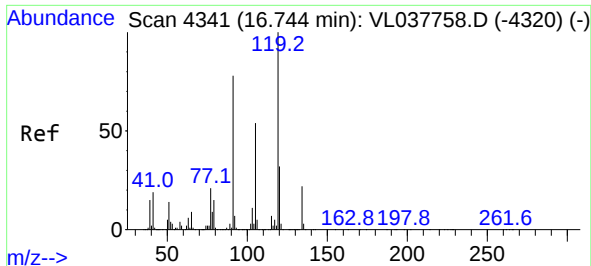


#64
n-propylbenzene
Concen: 1.00 ppbv
RT: 15.561 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



Tgt Ion:120 Resp: 151348
Ion Ratio Lower Upper
120 100
91 474.3 375.0 562.6





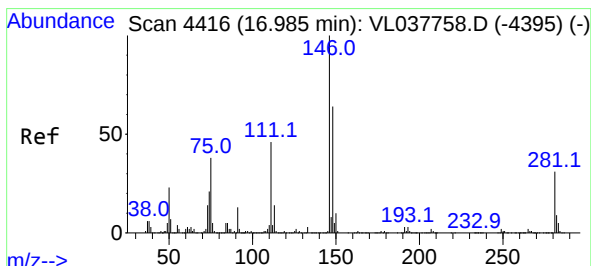
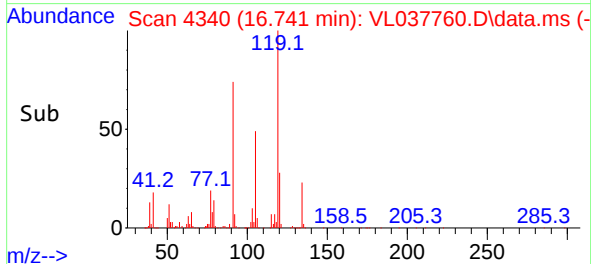
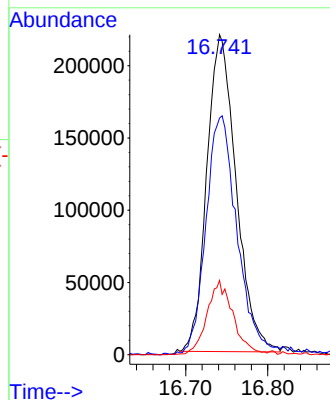
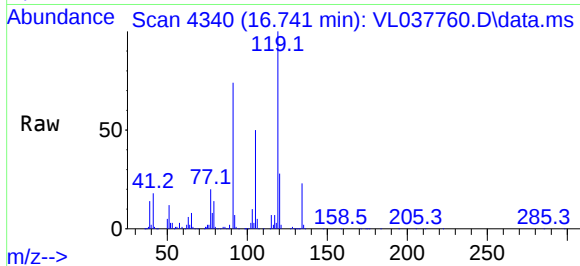
#65
tert-Butylbenzene
Concen: 1.03 ppbv
RT: 16.741 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 119 Resp: 54535
Ion Ratio Lower Upper
119 100
91 81.5 62.6 94.0
134 21.3 16.3 24.5

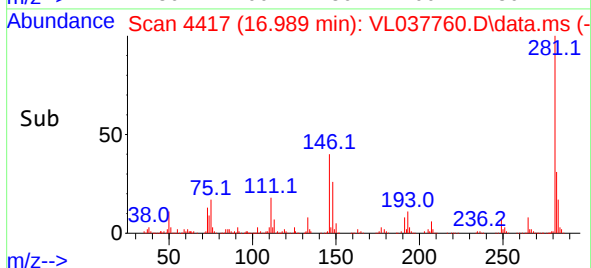
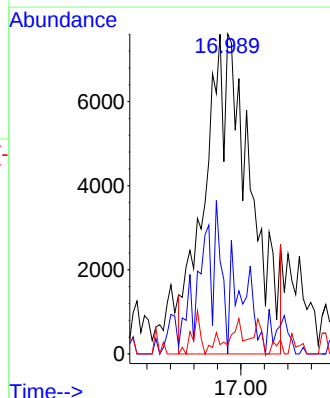
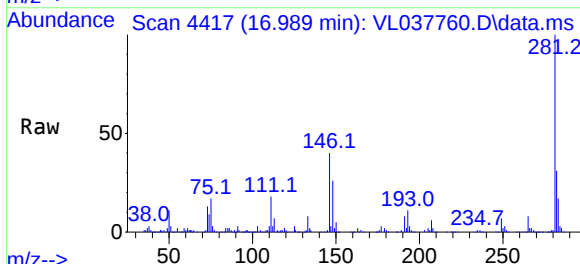
Manual Integrations
APPROVED

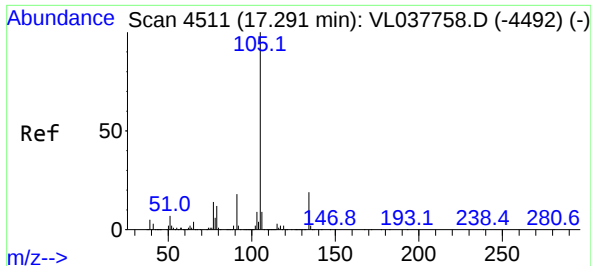
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#66
Benzyl Chloride
Concen: 0.71 ppbv m
RT: 16.989 min Scan# 4417
Delta R.T. 0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

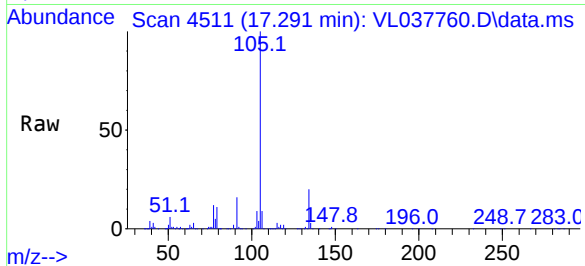
Tgt Ion: 91 Resp: 20582
Ion Ratio Lower Upper
91 100
126 38.7 0.0 0.0#
128 4.1 5.3 7.9#





#67
 sec-Butylbenzene
 Concen: 1.06 ppbv
 RT: 17.291 min Scan# 4511
 Delta R.T. 0.000 min
 Lab File: VL037760.D
 Acq: 4 Oct 2021 12:55

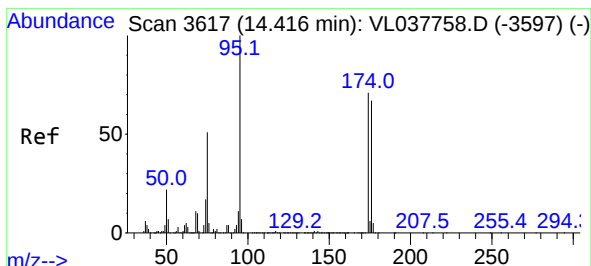
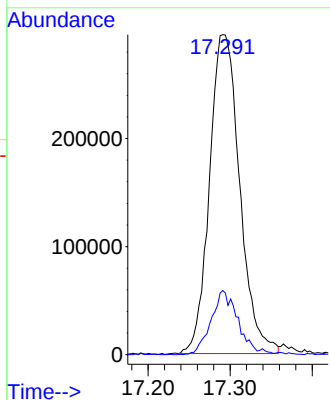
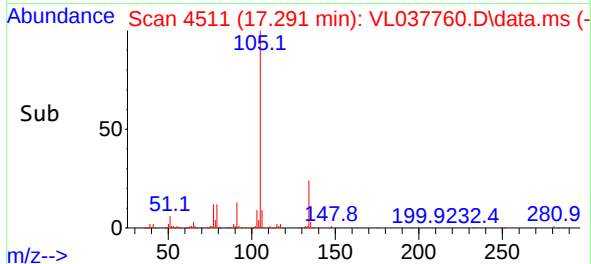
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



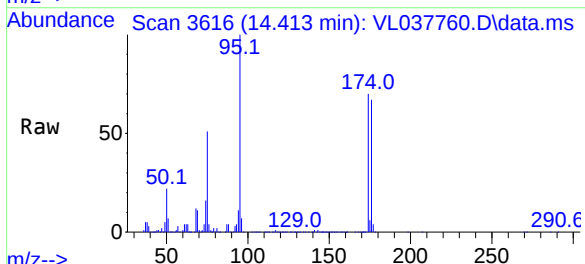
Tgt Ion:105 Resp: 757154
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.4 23.0

Manual Integrations
 APPROVED

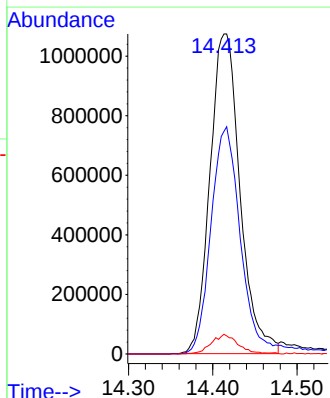
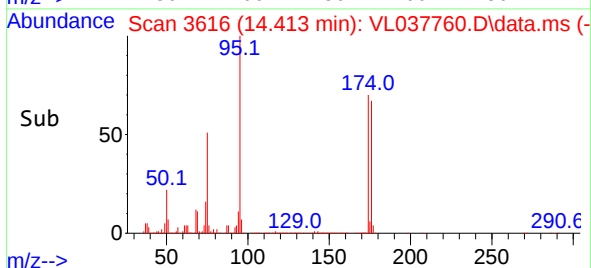
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

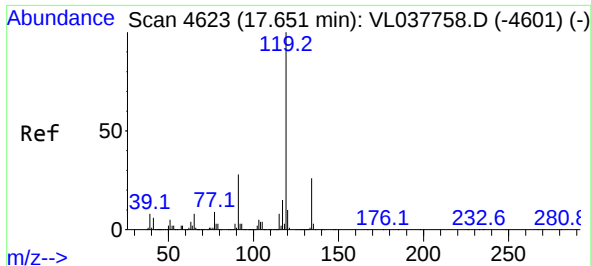


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.71 ppbv
 RT: 14.413 min Scan# 3616
 Delta R.T. -0.003 min
 Lab File: VL037760.D
 Acq: 4 Oct 2021 12:55



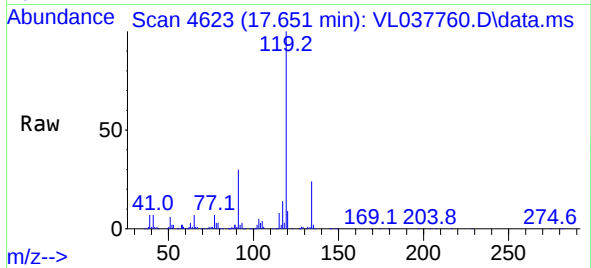
Tgt Ion: 95 Resp: 2668210
 Ion Ratio Lower Upper
 95 100
 174 73.1 57.8 86.6
 175 5.6 4.7 7.1





#69
p-Isopropyltoluene
Concen: 1.00 ppbv
RT: 17.651 min Scan# 4623
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

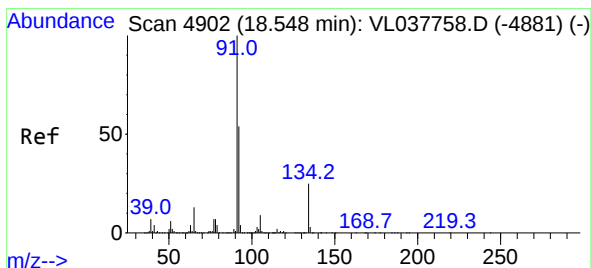
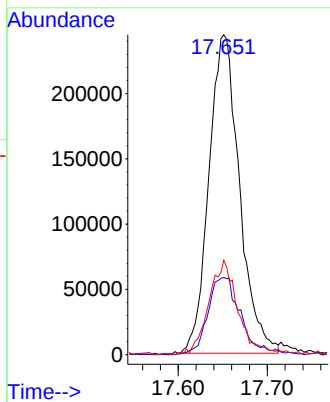
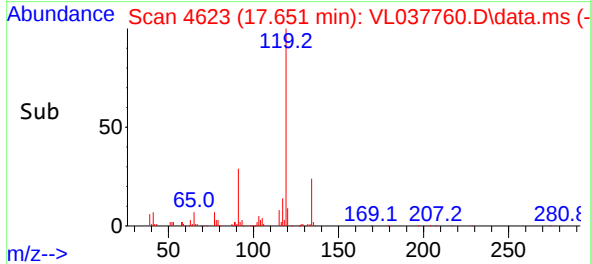
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



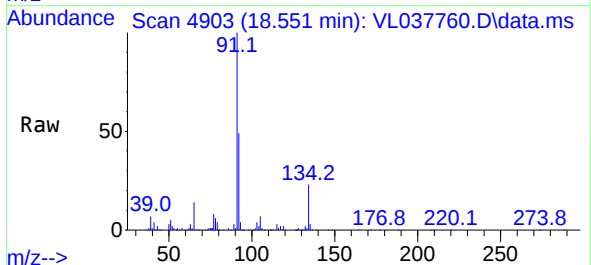
Tgt Ion: 119 Resp: 582099
Ion Ratio Lower Upper
119 100
134 26.2 21.2 31.8
91 28.4 22.2 33.4

Manual Integrations
APPROVED

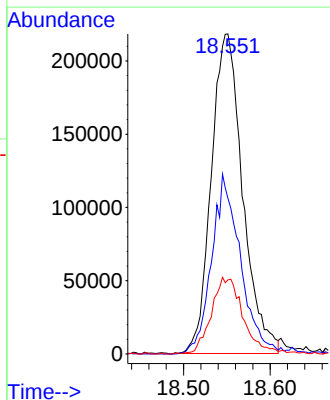
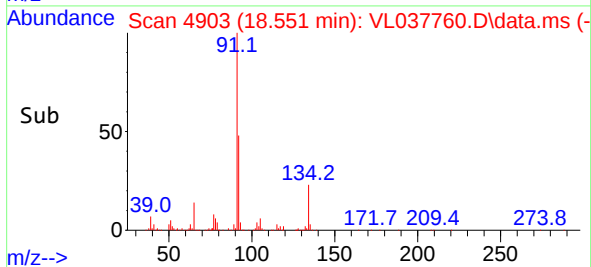
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

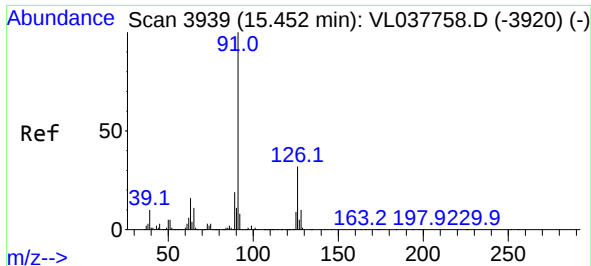


#70
n-Butylbenzene
Concen: 0.99 ppbv
RT: 18.551 min Scan# 4903
Delta R.T. 0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



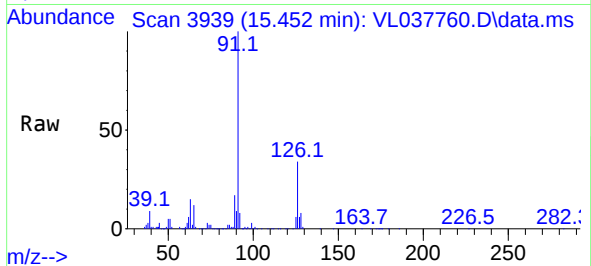
Tgt Ion: 91 Resp: 549416
Ion Ratio Lower Upper
91 100
92 52.4 43.4 65.0
134 24.6 19.8 29.6





#71
2-Chlorotoluene
Concen: 1.05 ppbv
RT: 15.452 min Scan# 3939
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

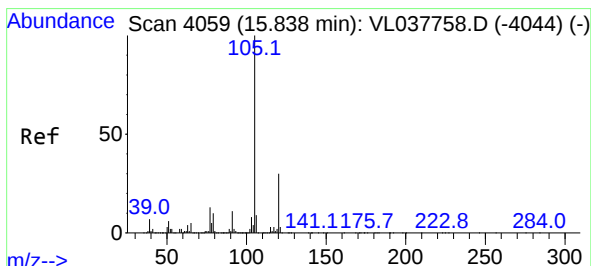
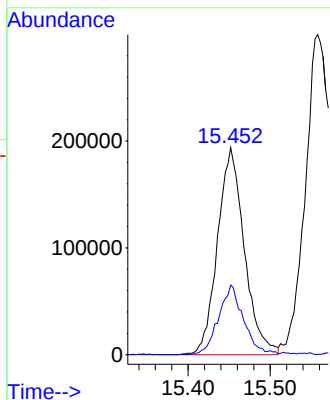
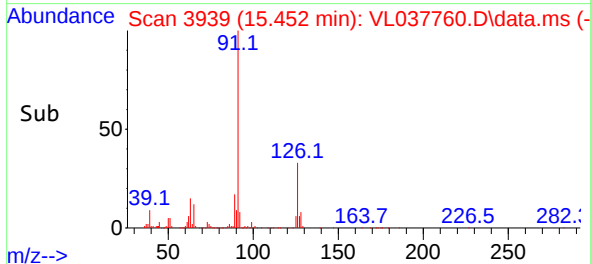
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



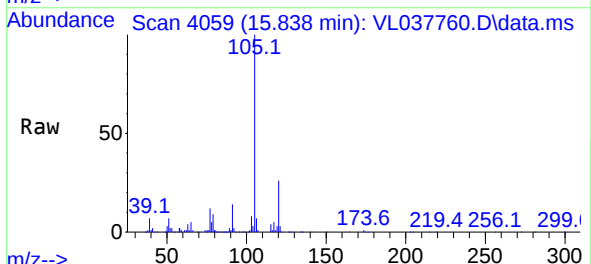
Tgt Ion: 91 Resp: 440583
Ion Ratio Lower Upper
91 100
126 32.0 13.6 54.6

Manual Integrations
APPROVED

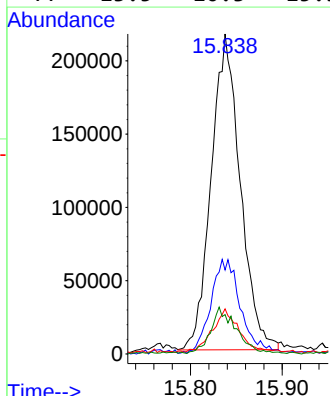
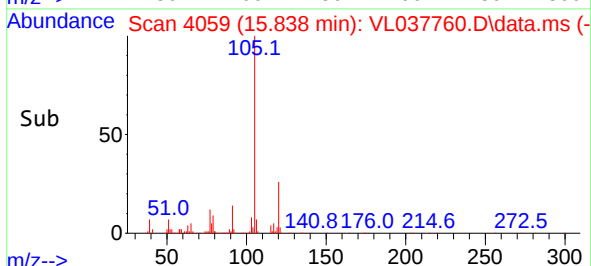
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

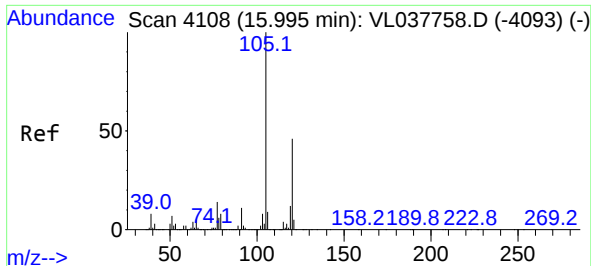


#72
4-Ethyltoluene
Concen: 0.99 ppbv
RT: 15.838 min Scan# 4059
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



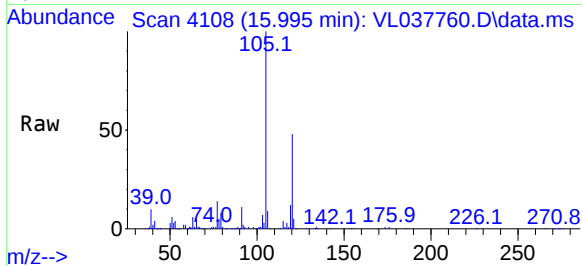
Tgt Ion:105 Resp: 474803
Ion Ratio Lower Upper
105 100
120 31.4 24.2 36.2
91 13.9 10.4 15.6
77 13.5 10.3 15.5





#73
1,3,5-Trimethylbenzene
Concen: 0.96 ppbv
RT: 15.995 min Scan# 4108
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

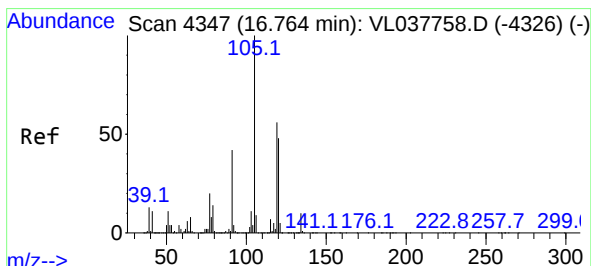
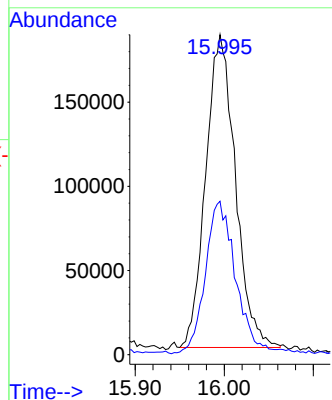
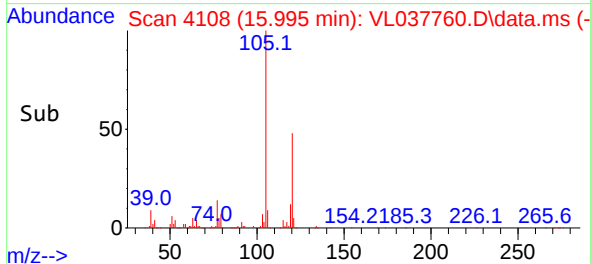
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



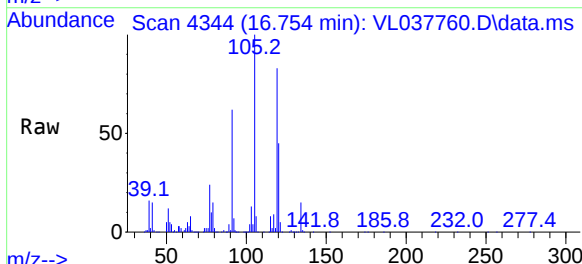
Tgt Ion:105 Resp: 429230
Ion Ratio Lower Upper
105 100
120 48.2 36.6 54.8

Manual Integrations
APPROVED

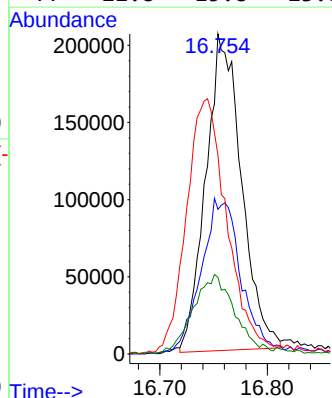
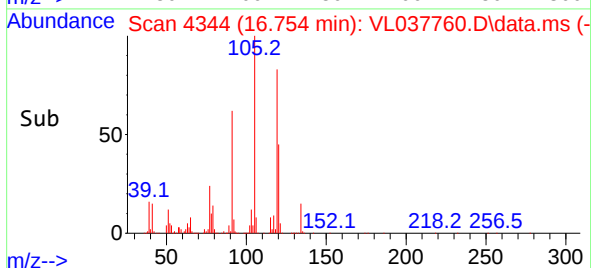
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

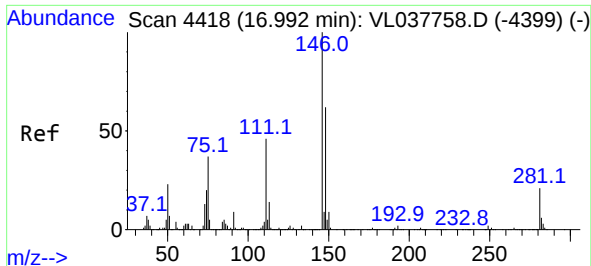


#74
1,2,4-Trimethylbenzene
Concen: 1.00 ppbv
RT: 16.754 min Scan# 4344
Delta R.T. -0.010 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



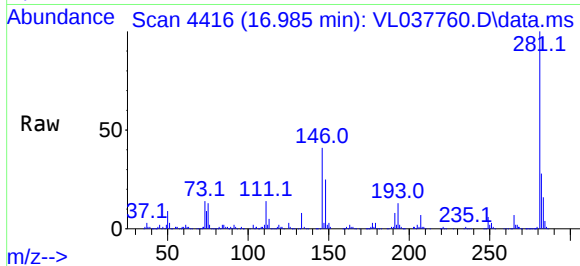
Tgt Ion:105 Resp: 472418
Ion Ratio Lower Upper
105 100
120 43.6 38.4 57.6
91 60.6 34.2 51.2#
77 22.8 15.8 23.8





#75
1,3-Dichlorobenzene
Concen: 1.03 ppbv m
RT: 16.985 min Scan# 4416
Delta R.T. -0.006 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

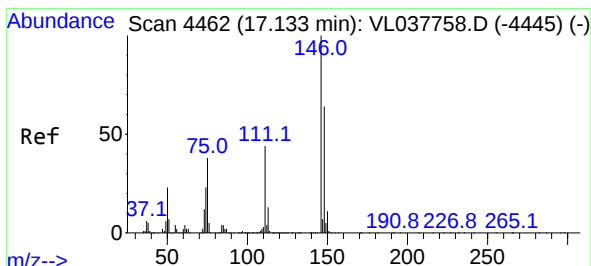
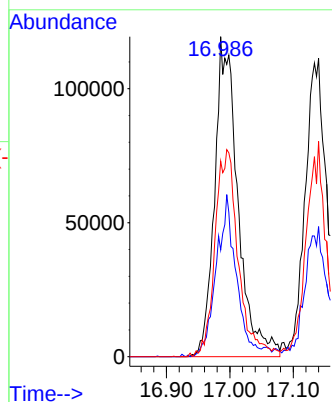
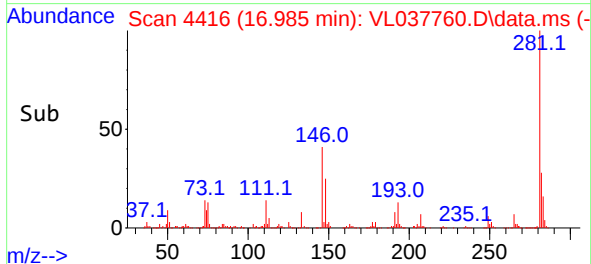
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



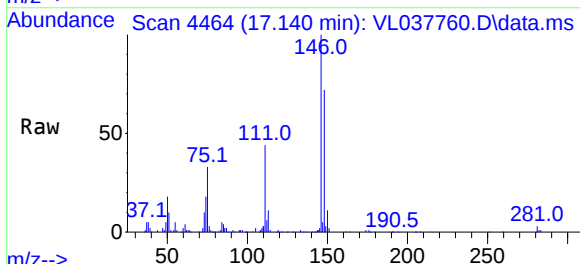
Tgt Ion:146 Resp: 30295
Ion Ratio Lower Upper
146 100
111 0.0 22.8 68.4
148 0.0 32.8 98.3

Manual Integrations
APPROVED

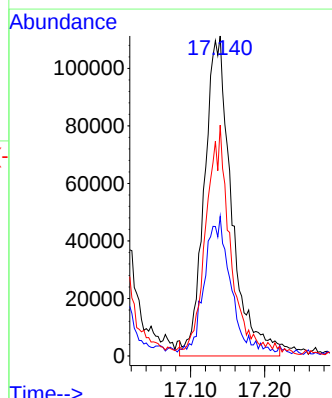
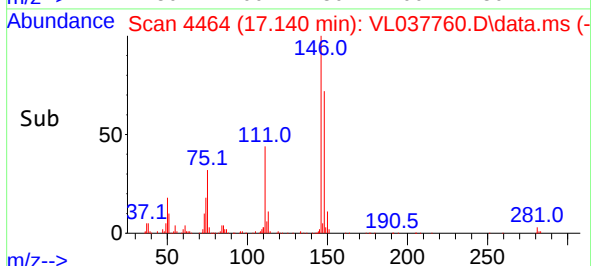
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

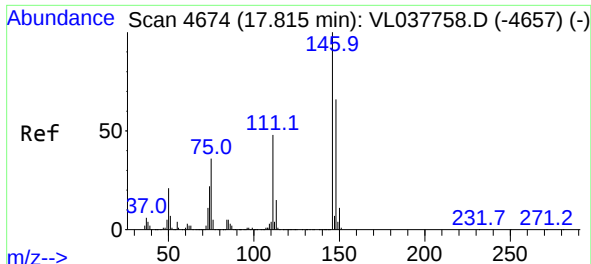


#76
1,4-Dichlorobenzene
Concen: 0.98 ppbv m
RT: 17.140 min Scan# 4464
Delta R.T. 0.006 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



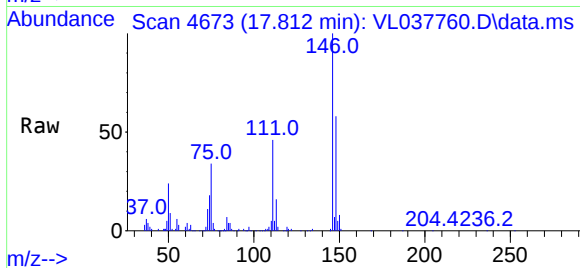
Tgt Ion:146 Resp: 283711
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.3#
148 0.0 33.3 99.9#





#77
1,2-Dichlorobenzene
Concen: 0.99 ppbv
RT: 17.812 min Scan# 4673
Delta R.T. -0.003 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

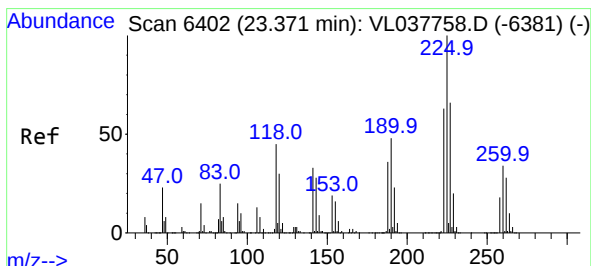
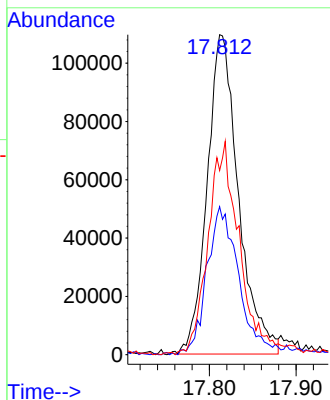
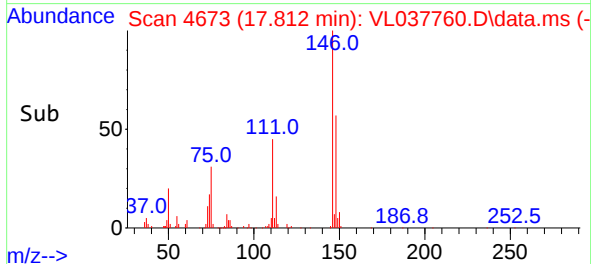
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



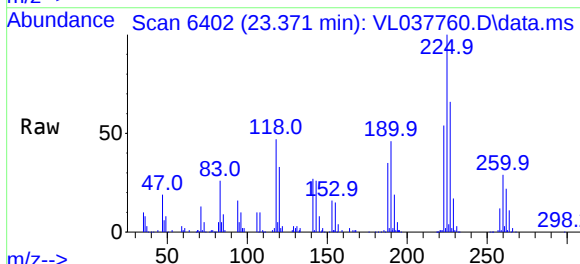
Tgt Ion:146 Resp: 275915
Ion Ratio Lower Upper
146 100
111 49.0 23.6 70.8
148 68.6 32.9 98.6

Manual Integrations
APPROVED

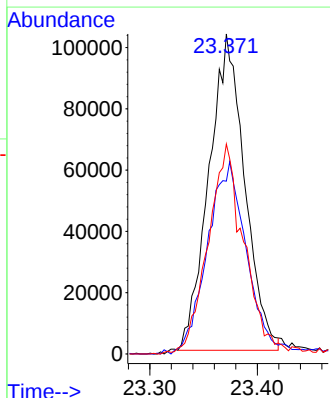
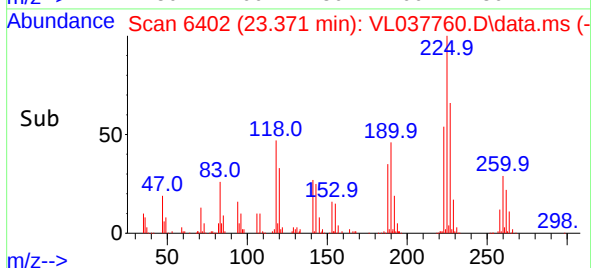
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

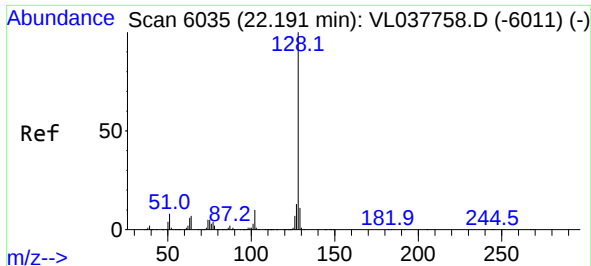


#78
Hexachloro-1,3-Butadiene
Concen: 1.02 ppbv
RT: 23.371 min Scan# 6402
Delta R.T. 0.000 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



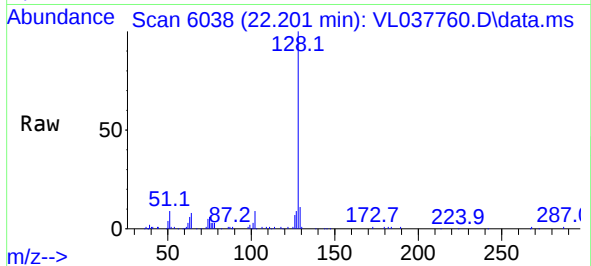
Tgt Ion:225 Resp: 239063
Ion Ratio Lower Upper
225 100
223 68.4 51.2 76.8
227 67.4 51.1 76.7





#79
Naphthalene
Concen: 0.86 ppbv m
RT: 22.201 min Scan# 6035
Delta R.T. 0.010 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

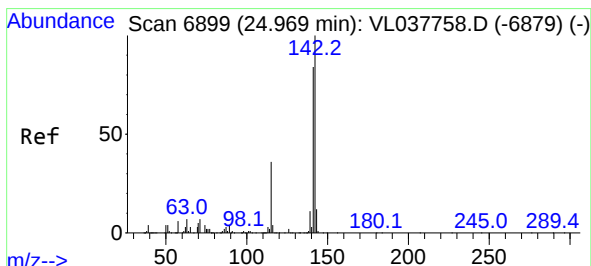
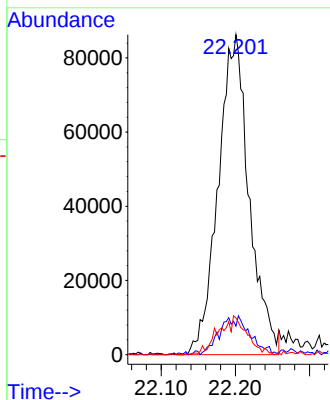
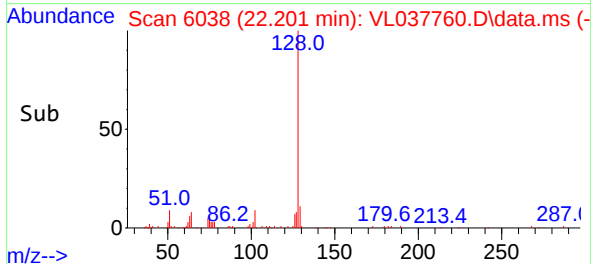
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



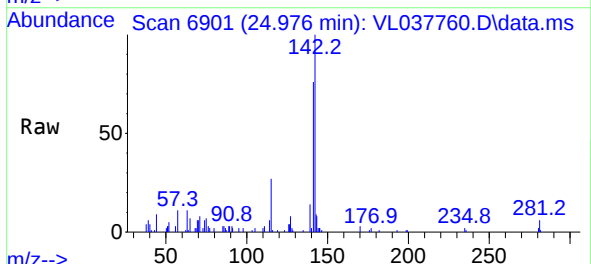
Tgt Ion:128 Resp: 24983
Ion Ratio Lower Upper
128 100
127 8.9 10.1 15.1
129 11.5 9.1 13.7

Manual Integrations
APPROVED

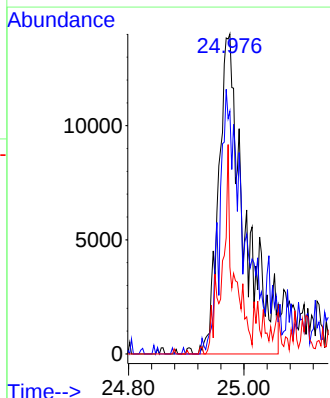
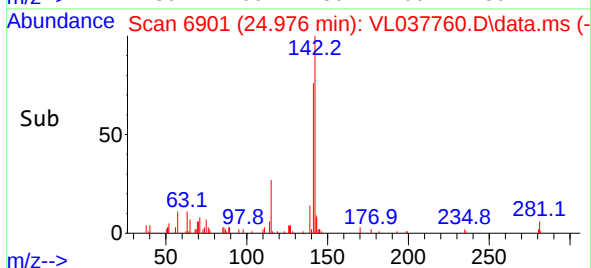
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

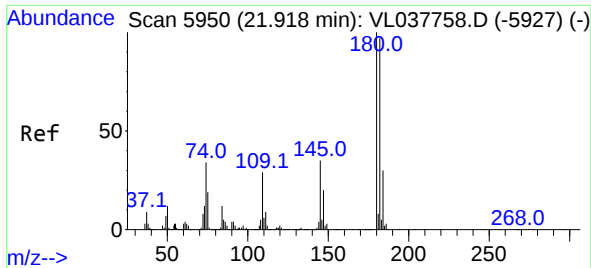


#80
Naphthalene,2-methyl-
Concen: 0.65 ppbv
RT: 24.976 min Scan# 6901
Delta R.T. 0.006 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55



Tgt Ion:142 Resp: 43270
Ion Ratio Lower Upper
142 100
141 86.7 68.6 102.8
115 33.3 29.0 43.6





#81
 1,2,4-Trichlorobenzene
 Concen: 0.93 ppbv m
 RT: 21.924 min Scan# 5952
 Delta R.T. 0.006 min
 Lab File: VL037760.D
 Acq: 4 Oct 2021 12:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 17258
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.6 116.4
 184 0.0 25.0 37.4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

