

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\
 Data File : VL037761.D
 Acq On : 4 Oct 2021 13:33
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 14:25:14 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 14:25:14 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	1431938	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	4238988	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	3681403	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.413 95 2614402 9.83 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	157448m	0.61	ppbv	
3) Chlorodifluoromethane	2.993	51	148477	0.55	ppbv	98
4) Chloromethane	3.140	50	54006	0.54	ppbv #	64
5) Vinyl Chloride	3.259	62	47650	0.51	ppbv	93
6) Bromomethane	3.475	94	25772m	0.47	ppbv	
7) Chloroethane	3.559	64	16267	0.46	ppbv #	68
8) Dichlorotetrafluoroethane	3.189	85	129288	0.58	ppbv	97
9) Propene	3.015	41	55706m	0.58	ppbv	
10) Heptane	8.124	43	112643	0.51	ppbv	98
11) Trichlorofluoromethane	3.957	101	114064m	0.55	ppbv	
12) 1,1,2-Trichlorotrifluoro...	4.484	101	84280m	0.55	ppbv	
13) Ethanol	3.626	45	4334m	0.47	ppbv	
14) Bromoethene	3.742	108	36182m	0.52	ppbv	
15) Acetone	3.874	43	74080m	0.50	ppbv	
16) 1,3-Butadiene	3.333	39	48937m	0.53	ppbv	
17) tert-Butyl alcohol	4.311	59	71987m	0.57	ppbv	
18) 1,1-Dichloroethene	4.292	96	35801m	0.50	ppbv	
19) Isopropyl Alcohol	3.993	45	39363m	0.49	ppbv	
20) Methylene Chloride	4.343	84	33881	0.48	ppbv	89
21) Allyl Chloride	4.417	41	57433m	0.52	ppbv	
22) trans-1,2-Dichloroethene	4.890	96	37848m	0.53	ppbv	
23) Vinyl Acetate	5.089	43	105585m	0.51	ppbv	
24) 1,1-Dichloroethane	5.015	63	68912	0.47	ppbv	98
25) Ethyl Acetate	5.690	43	184450m	0.51	ppbv	
26) Hexane	5.687	57	92624m	0.54	ppbv	
27) Carbon Disulfide	4.555	76	72508m	0.46	ppbv	
28) Methyl tert-Butyl Ether	5.050	73	80995m	0.54	ppbv	
29) Chloroform	5.751	83	137606	0.55	ppbv	89
30) Cyclohexane	7.134	84	77744m	0.53	ppbv	
31) cis-1,2-Dichloroethene	5.549	61	78449	0.50	ppbv #	85
32) 1,1,1-Trichloroethane	6.520	97	121155m	0.52	ppbv	
34) 2-Butanone	5.263	43	88063m	0.51	ppbv	
35) Carbon Tetrachloride	7.015	117	114261	0.48	ppbv #	86
36) Benzene	6.893	78	181574	0.51	ppbv	92
37) 1,2-Dichloroethane	6.314	62	85416m	0.49	ppbv	
38) Trichloroethene	7.838	130	73555m	0.50	ppbv	
39) 1,2-Dichloropropane	7.616	63	67713m	0.50	ppbv	
40) 1,4-Dioxane	7.877	88	16629m	0.50	ppbv	
41) Tetrahydrofuran	6.086	42	36825m	0.45	ppbv	
42) Bromodichloromethane	7.796	83	121048m	0.49	ppbv	
43) Methyl Methacrylate	8.034	69	53617m	0.46	ppbv	
44) 2,2,4-Trimethylpentane	7.870	57	308513	0.52	ppbv	99
45) t-1,3-Dichloropropene	9.285	75	32564m	0.35	ppbv	

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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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

Quant Time: Oct 04 14:25:14 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 2021

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

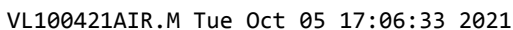
Response via : Initial Calibration

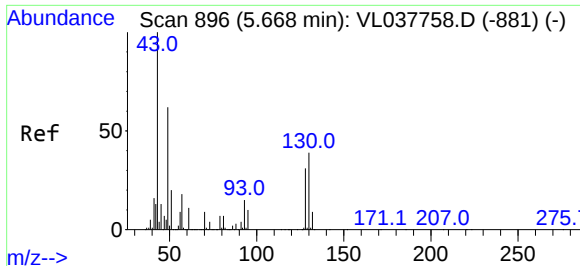
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.703	75	45679m	0.37	ppbv	
47) 1,1,2-Trichloroethane	9.475	97	77352m	0.52	ppbv	
48) Dibromochloromethane	10.307	129	92537m	0.44	ppbv	
49) Bromoform	13.044	173	61151m	0.37	ppbv	
50) 4-Methyl-2-Pentanone	8.771	43	99558m	0.46	ppbv	
51) 2-Hexanone	10.163	43	41347m	0.43	ppbv	
52) Tetrachloroethene	11.227	164	67978	0.50	ppbv	94
53) Toluene	9.809	91	189364m	0.48	ppbv	
54) 1,2-Dibromoethane	10.613	107	96709m	0.47	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.131	131	78738	0.52	ppbv #	1
57) Chlorobenzene	12.143	112	159615	0.52	ppbv #	94
58) Ethyl Benzene	12.712	91	227013	0.46	ppbv	91
59) m/p-Xylene	12.995	91	409421m	0.96	ppbv	
60) o-Xylene	13.687	91	206357	0.51	ppbv	98
61) Styrene	13.529	104	80222m	0.40	ppbv	
62) Isopropylbenzene	14.664	105	290749	0.51	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.683	83	161743m	0.51	ppbv	
64) n-propylbenzene	15.561	120	65025m	0.45	ppbv	
65) tert-Butylbenzene	16.744	119	258771m	0.51	ppbv	
66) Benzyl Chloride	17.002	91	13940m	0.50	ppbv	
67) sec-Butylbenzene	17.291	105	334287	0.48	ppbv	97
69) p-Isopropyltoluene	17.648	119	269773m	0.48	ppbv	
70) n-Butylbenzene	18.551	91	246111m	0.46	ppbv	
71) 2-Chlorotoluene	15.455	91	194509m	0.48	ppbv	
72) 4-Ethyltoluene	15.844	105	217057m	0.47	ppbv	
73) 1,3,5-Trimethylbenzene	15.999	105	212837m	0.49	ppbv	
74) 1,2,4-Trimethylbenzene	16.761	105	216530	0.47	ppbv #	88
75) 1,3-Dichlorobenzene	16.992	146	141687m	0.50	ppbv	
76) 1,4-Dichlorobenzene	17.130	146	134961m	0.48	ppbv	
77) 1,2-Dichlorobenzene	17.815	146	141726m	0.53	ppbv	
78) Hexachloro-1,3-Butadiene	23.365	225	125635m	0.55	ppbv	
79) Naphthalene	22.198	128	102256m	0.36	ppbv	
80) Naphthalene,2-methyl-	24.972	142	25108m	0.39	ppbv	
81) 1,2,4-Trichlorobenzene	21.924	180	77117m	0.43	ppbv	

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

Manual Integrations

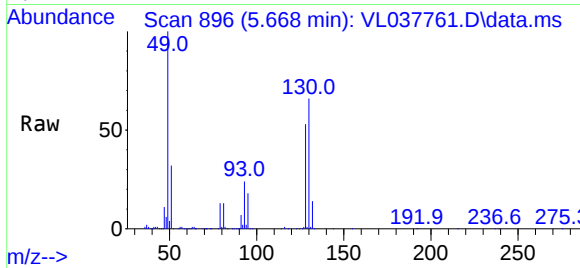
Quant Time: Oct 04 14:25:14 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct
QLast Update : Mon Oct 04 12:52:19 2021
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#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.668 min Scan# 896
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

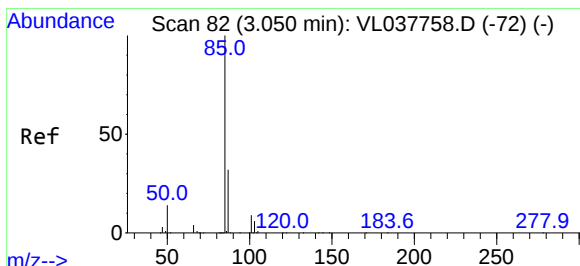
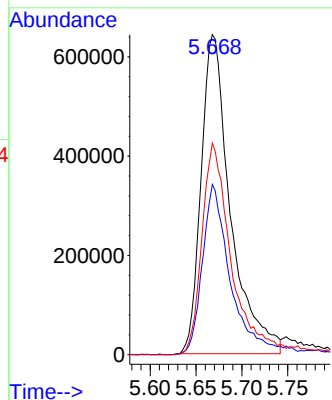
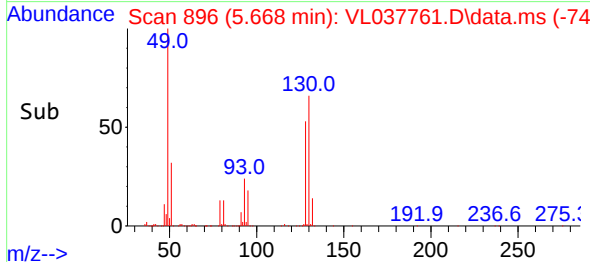
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 1431938
Ion Ratio Lower Upper
49 100
128 53.2 27.1 81.3
130 69.8 33.2 99.6

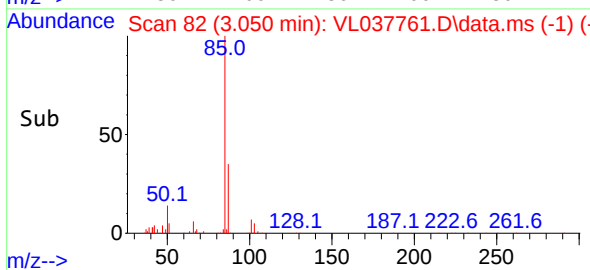
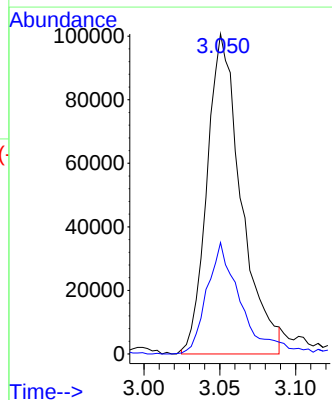
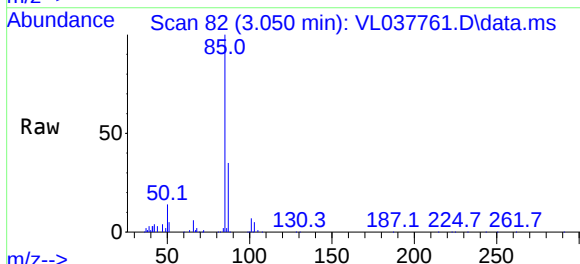
Manual Integrations
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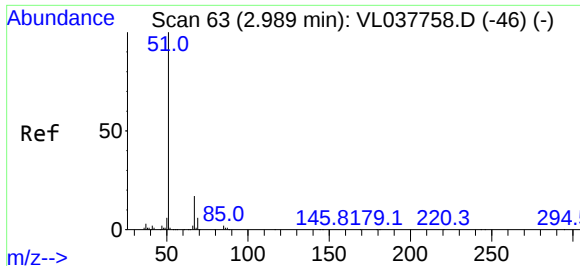
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#2
Dichlorodifluoromethane
Concen: 0.61 ppbv m
RT: 3.050 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

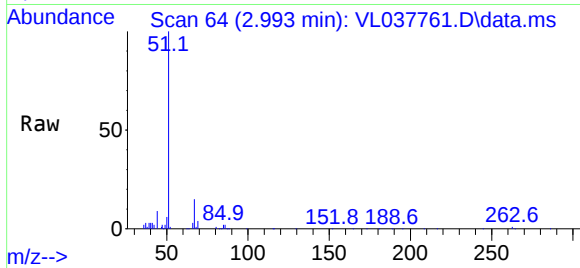
Tgt Ion: 85 Resp: 157448
Ion Ratio Lower Upper
85 100
87 34.8 25.7 38.5





#3
Chlorodifluoromethane
Concen: 0.55 ppbv
RT: 2.993 min Scan# 64
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

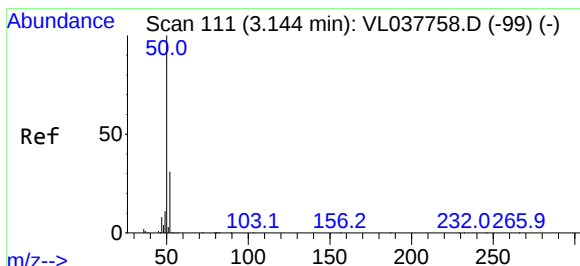
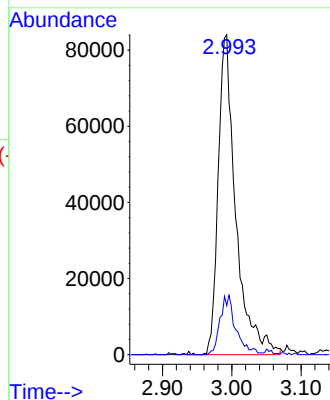
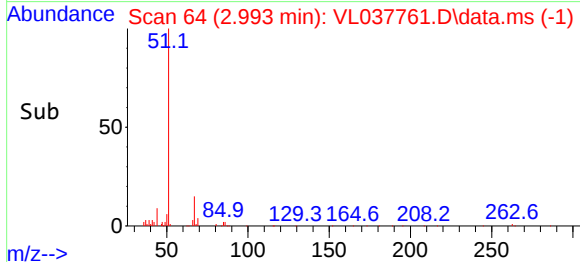
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 51 Resp: 14847
Ion Ratio Lower Upper
51 100
67 17.7 13.5 20.3

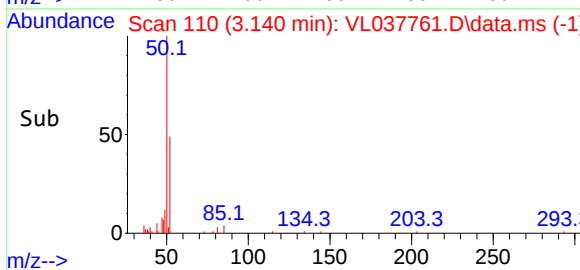
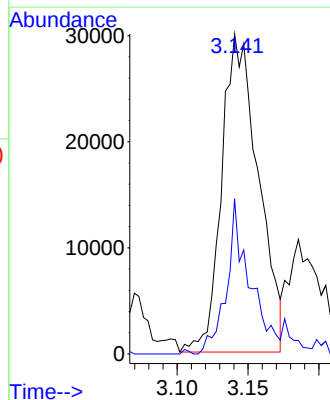
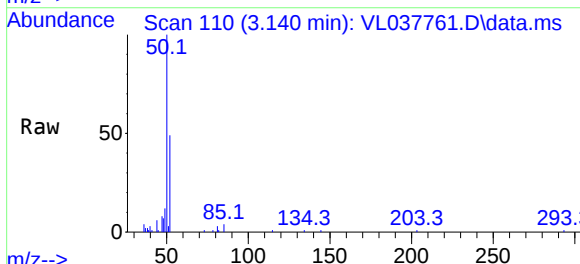
Manual Integrations
APPROVED

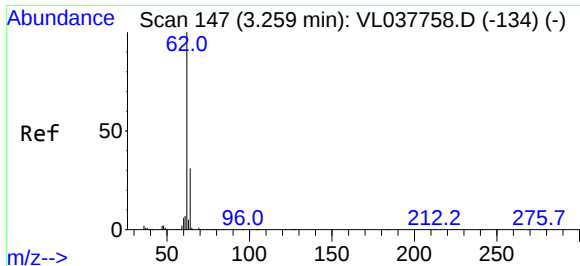
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#4
Chloromethane
Concen: 0.54 ppbv
RT: 3.140 min Scan# 110
Delta R.T. -0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

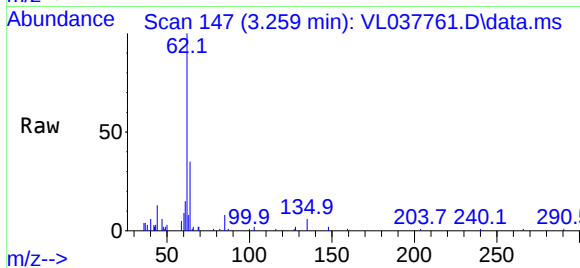
Tgt Ion: 50 Resp: 54006
Ion Ratio Lower Upper
50 100
52 50.0 24.4 36.6#





#5
 Vinyl Chloride
 Concen: 0.51 ppbv
 RT: 3.259 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VL037761.D
 Acq: 4 Oct 2021 13:33

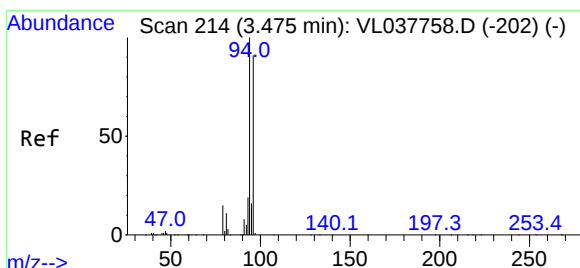
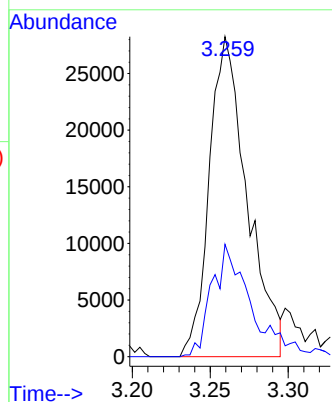
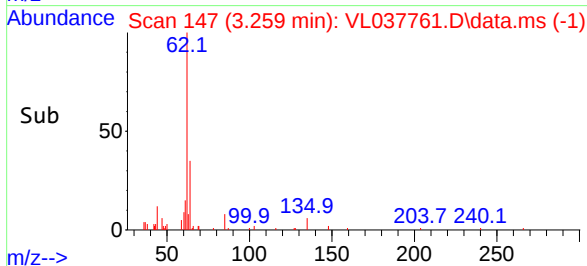
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



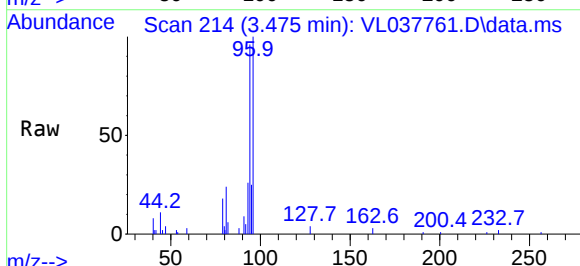
Tgt Ion: 62 Resp: 47650
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.9 37.3

Manual Integrations
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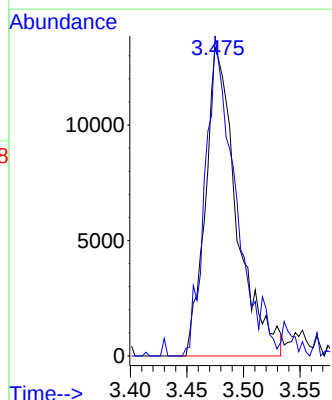
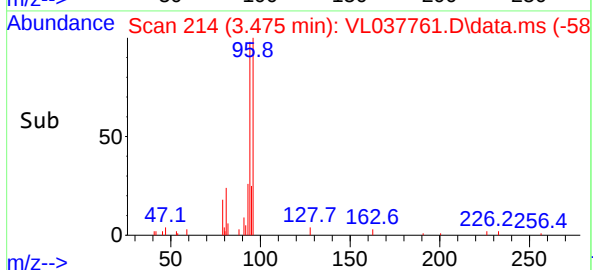
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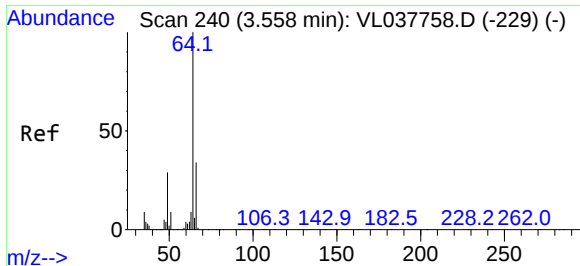


#6
 Bromomethane
 Concen: 0.47 ppbv m
 RT: 3.475 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VL037761.D
 Acq: 4 Oct 2021 13:33



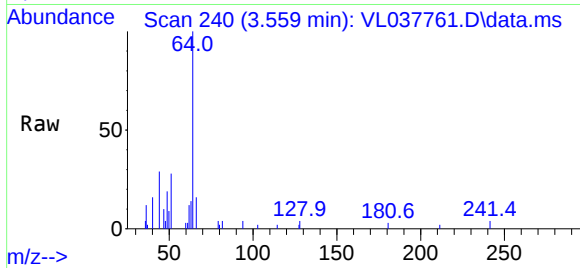
Tgt Ion: 94 Resp: 25772
 Ion Ratio Lower Upper
 94 100
 96 103.7 72.5 108.7





#7
Chloroethane
Concen: 0.46 ppbv
RT: 3.559 min Scan# 240
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

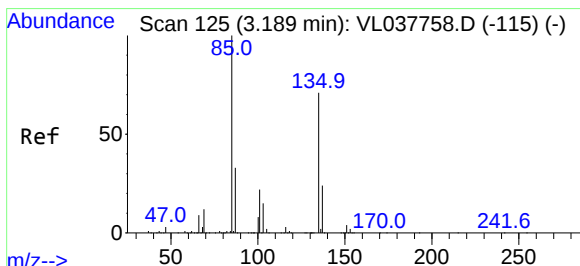
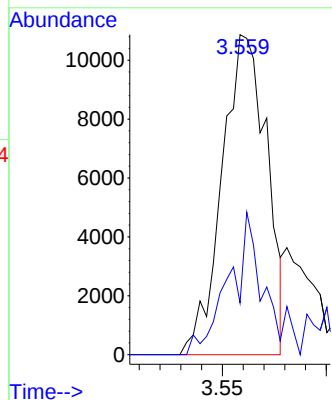
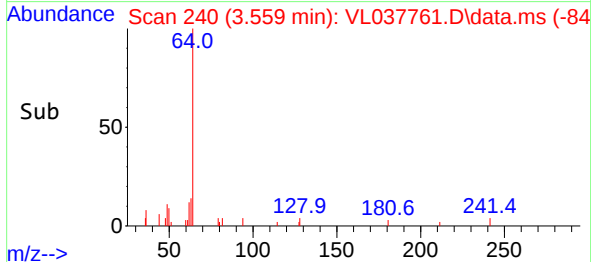
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



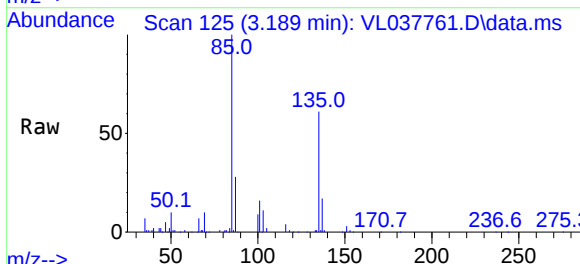
Tgt Ion: 64 Resp: 1626
Ion Ratio Lower Upper
64 100
66 16.2 27.5 41.3

Manual Integrations
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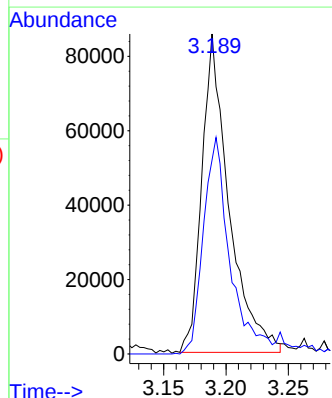
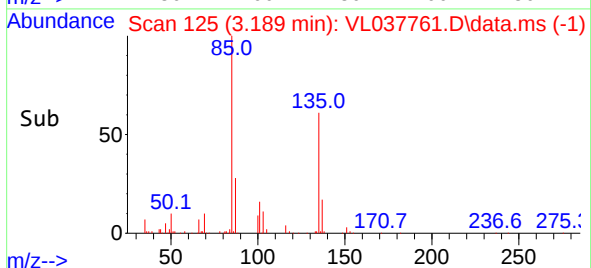
Reviewed By :Mahesh Dadoda 10/05/2021
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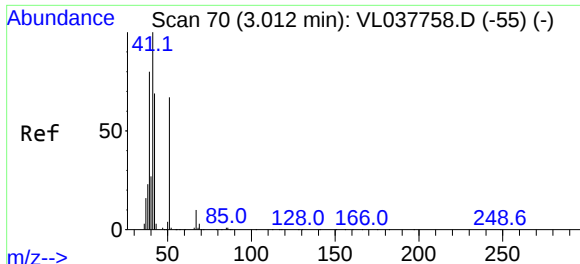


#8
Dichlorotetrafluoroethane
Concen: 0.58 ppbv
RT: 3.189 min Scan# 125
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



Tgt Ion: 85 Resp: 129288
Ion Ratio Lower Upper
85 100
135 71.6 59.5 89.3





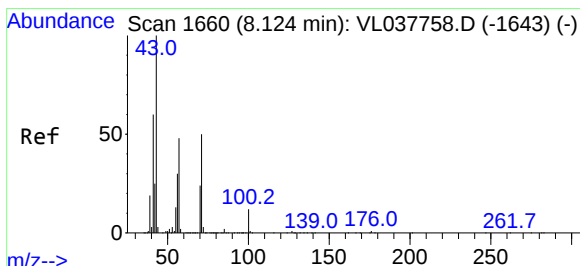
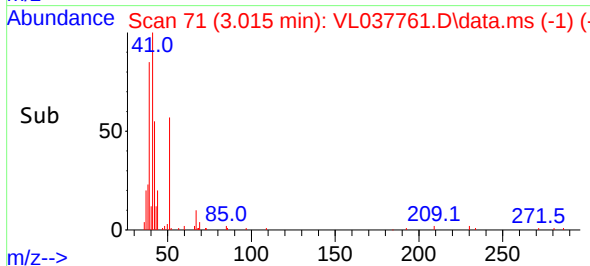
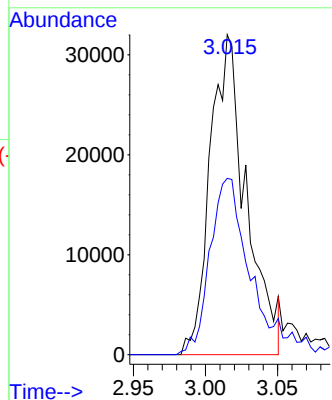
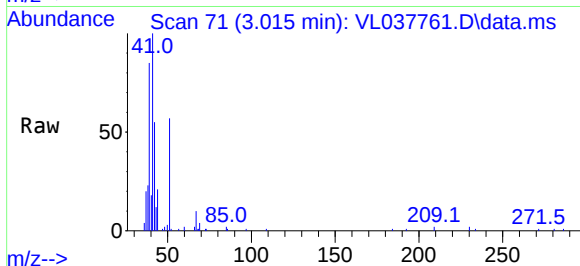
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Propene
Concen: 0.58 ppbv m
RT: 3.015 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 41 Resp: 55700
Ion Ratio Lower Upper
41 100
42 0.0 54.2 81.2

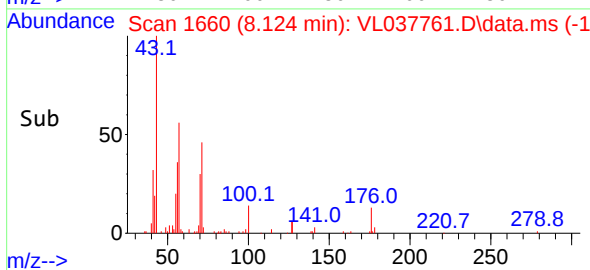
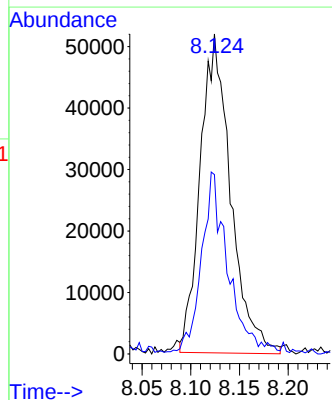
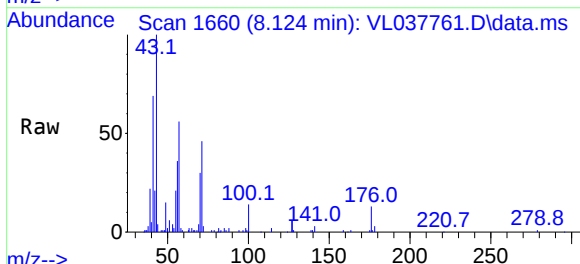
Manual Integrations
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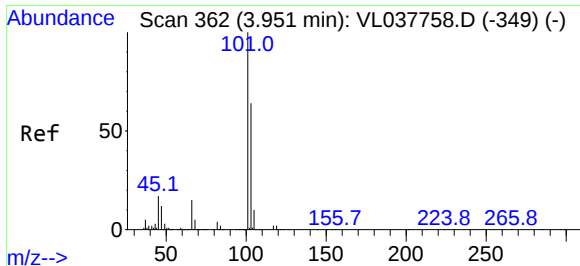
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#10
Heptane
Concen: 0.51 ppbv
RT: 8.124 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 43 Resp: 112643
Ion Ratio Lower Upper
43 100
57 51.5 40.0 60.0





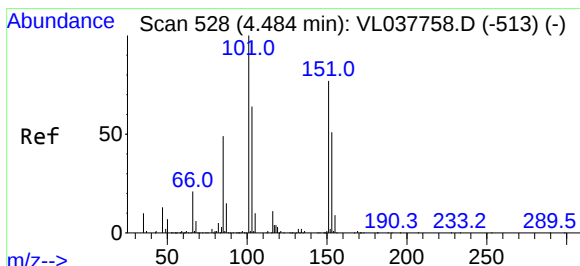
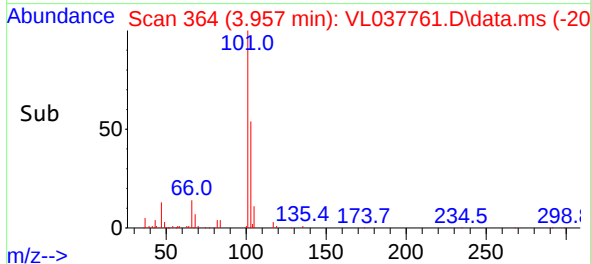
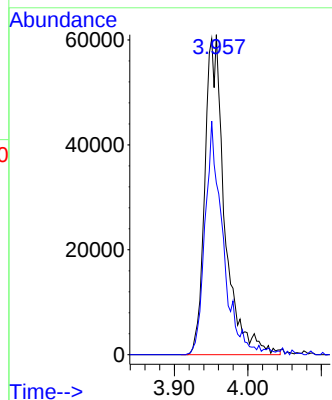
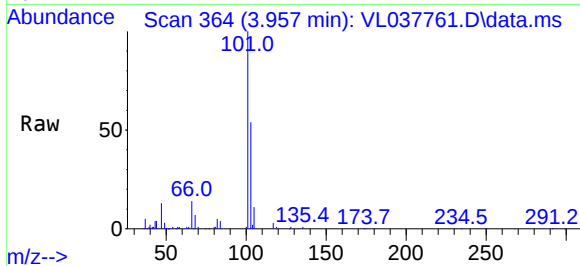
#11
Trichlorofluoromethane
Concen: 0.55 ppbv m
RT: 3.957 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 114064
Ion Ratio Lower Upper
101 100
103 53.7 51.5 77.3

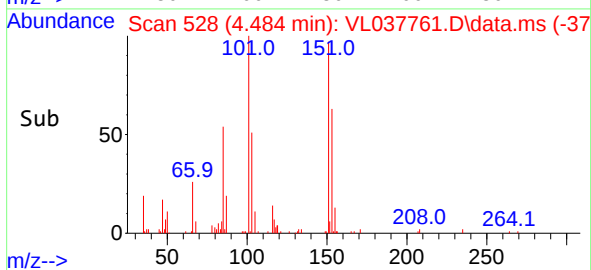
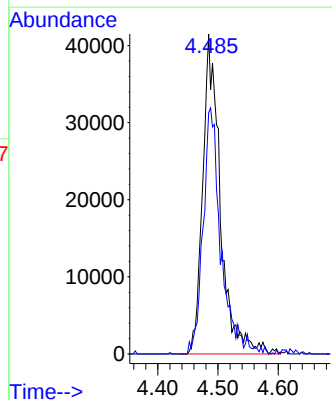
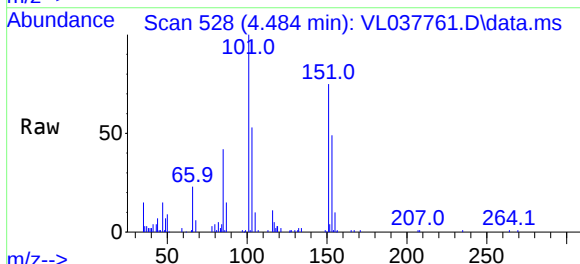
Manual Integrations
APPROVED

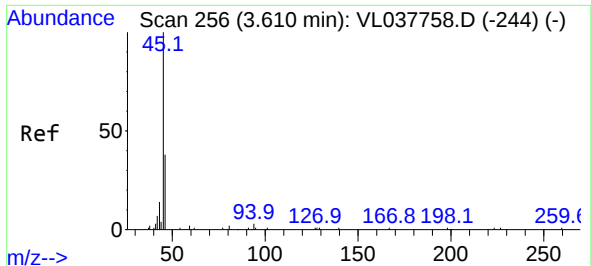
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.55 ppbv m
RT: 4.484 min Scan# 528
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

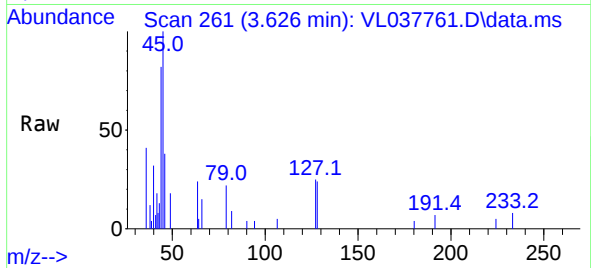
Tgt Ion:101 Resp: 84280
Ion Ratio Lower Upper
101 100
151 0.0 62.9 94.3#





#13
Ethanol
Concen: 0.47 ppbv m
RT: 3.626 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

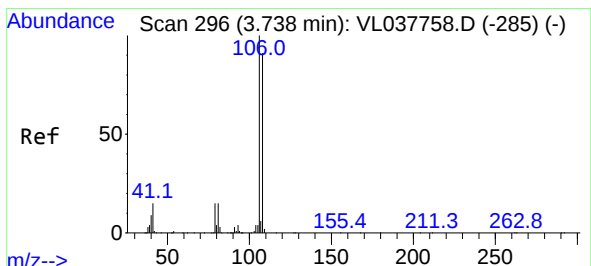
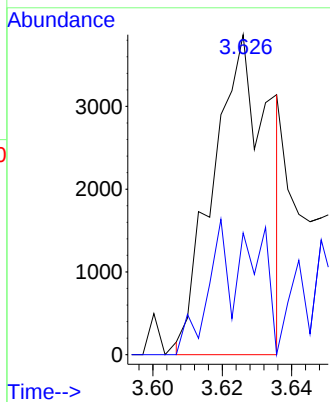
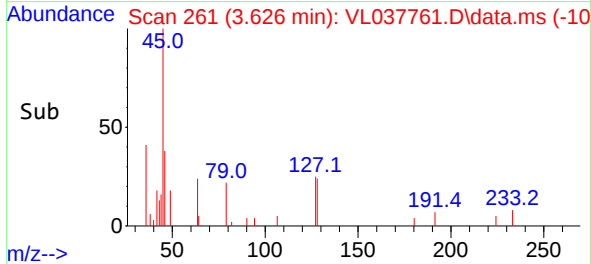
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



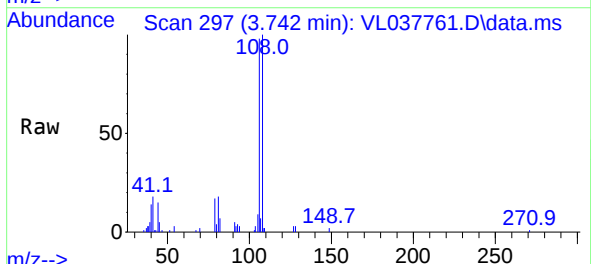
Tgt Ion: 45 Resp: 4334
Ion Ratio Lower Upper
45 100
46 36.6 20.2 81.0

Manual Integrations
APPROVED

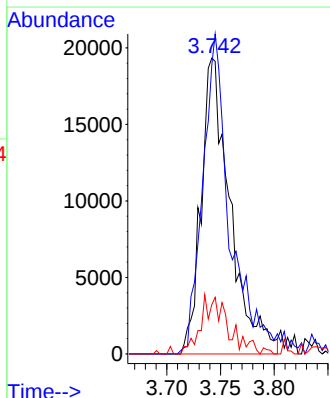
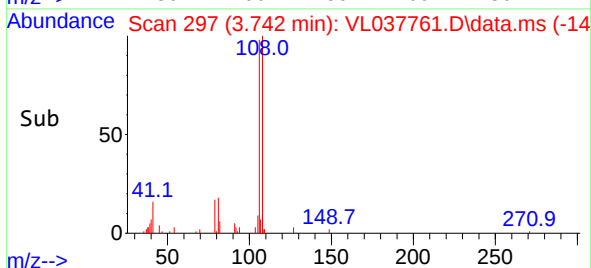
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

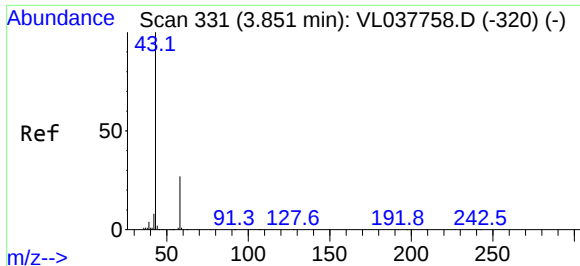


#14
Bromoethene
Concen: 0.52 ppbv m
RT: 3.742 min Scan# 297
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



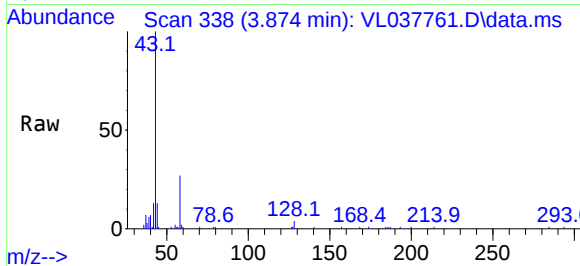
Tgt Ion:108 Resp: 36182
Ion Ratio Lower Upper
108 100
106 107.5 91.9 137.9
79 18.9 13.9 20.9





#15
Acetone
Concen: 0.50 ppbv m
RT: 3.874 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

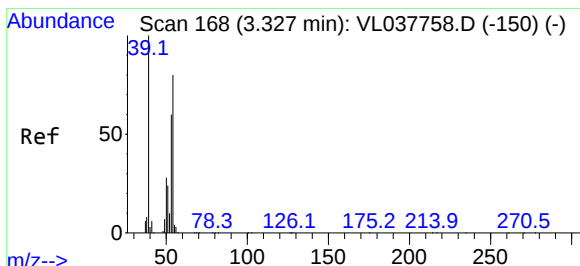
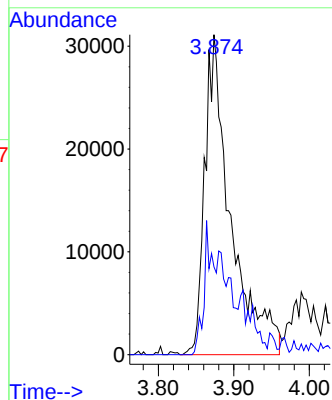
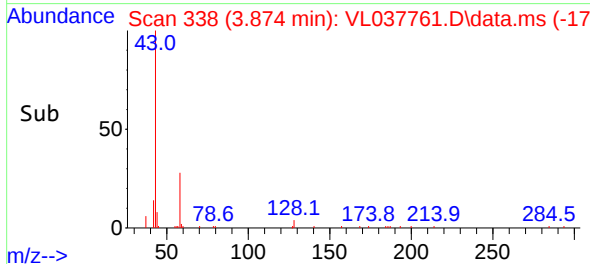
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



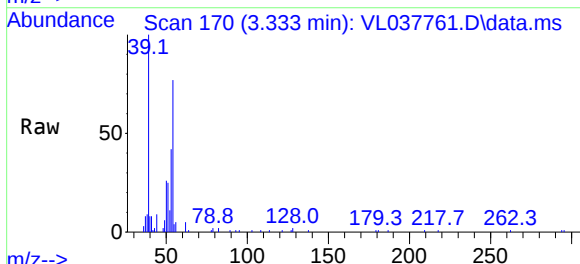
Tgt Ion: 43 Resp: 74080
Ion Ratio Lower Upper
43 100
58 45.3 23.0 34.6

Manual Integrations
APPROVED

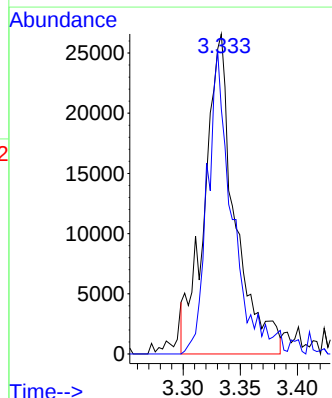
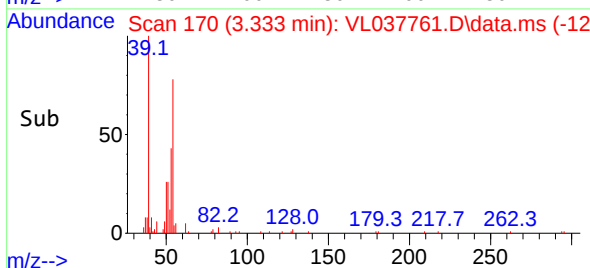
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

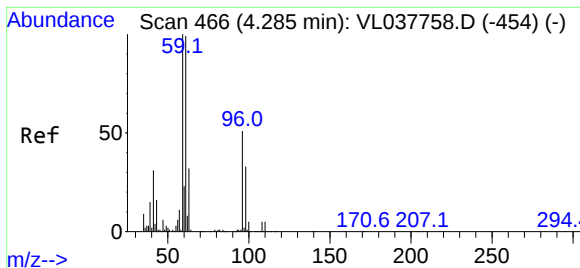


#16
1,3-Butadiene
Concen: 0.53 ppbv m
RT: 3.333 min Scan# 170
Delta R.T. 0.007 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



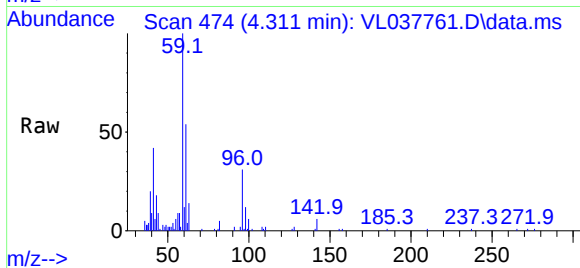
Tgt Ion: 39 Resp: 48937
Ion Ratio Lower Upper
39 100
54 80.7 61.7 92.5





#17
tert-Butyl alcohol
Concen: 0.57 ppbv m
RT: 4.311 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

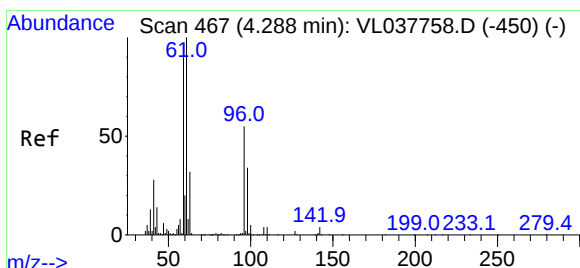
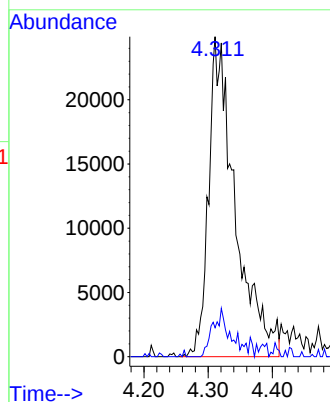
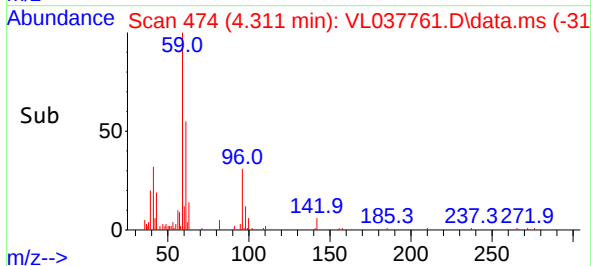
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



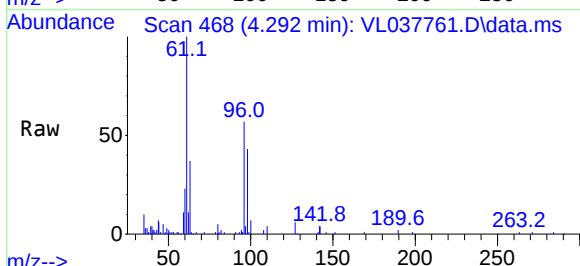
Tgt Ion: 59 Resp: 7198
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0

Manual Integrations
APPROVED

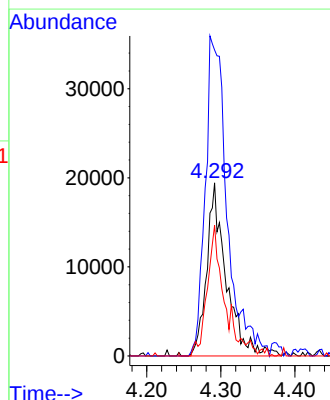
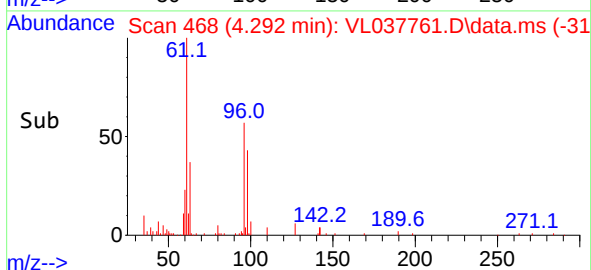
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

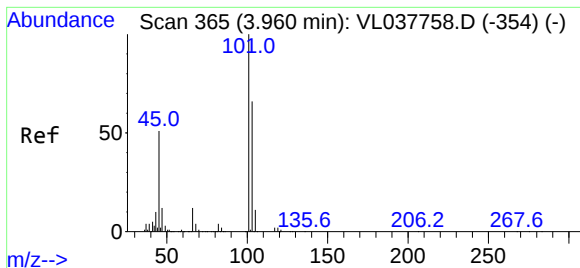


#18
1,1-Dichloroethene
Concen: 0.50 ppbv m
RT: 4.292 min Scan# 468
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



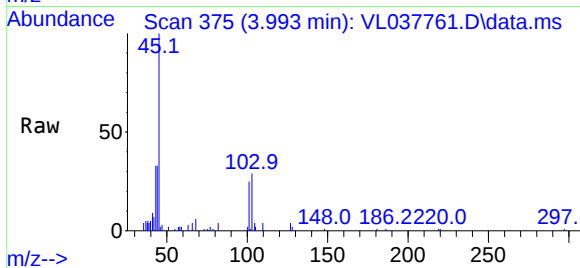
Tgt Ion: 96 Resp: 35801
Ion Ratio Lower Upper
96 100
61 176.7 146.2 219.4
98 75.5 50.0 75.0





#19
Isopropyl Alcohol
Concen: 0.49 ppbv m
RT: 3.993 min Scan# 31
Delta R.T. 0.032 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

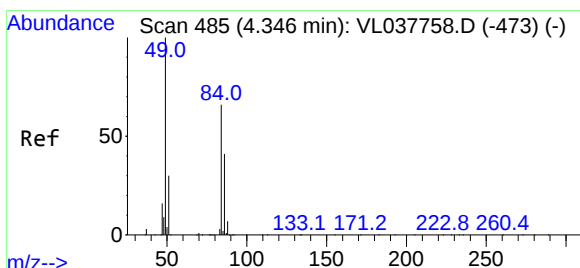
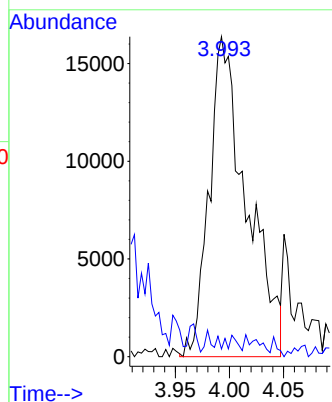
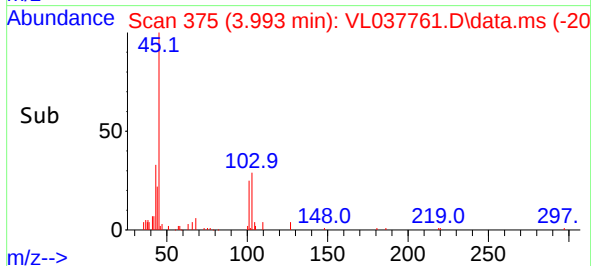
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



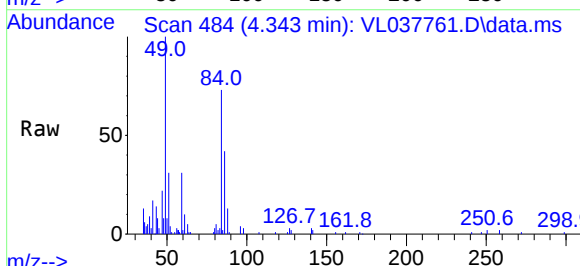
Tgt Ion: 45 Resp: 3936
Ion Ratio Lower Upper
45 100
58 10.0 1.1 1.7

Manual Integrations
APPROVED

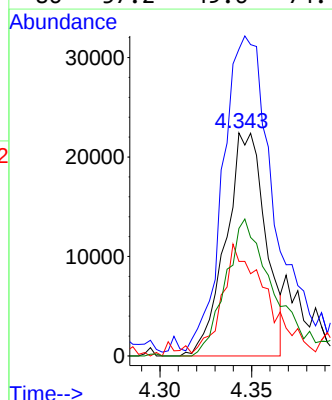
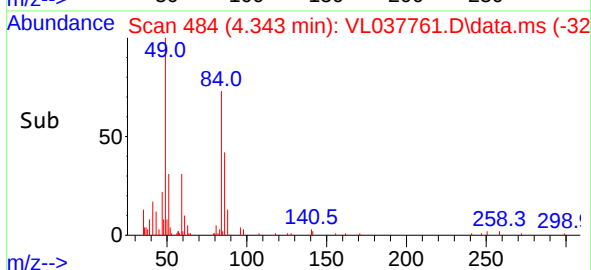
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

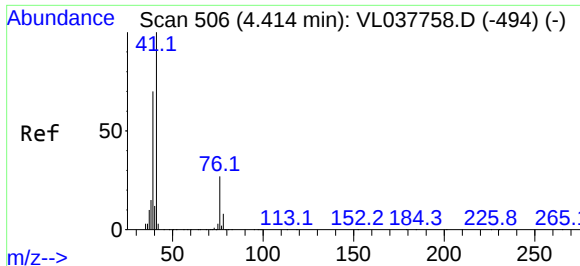


#20
Methylene Chloride
Concen: 0.48 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



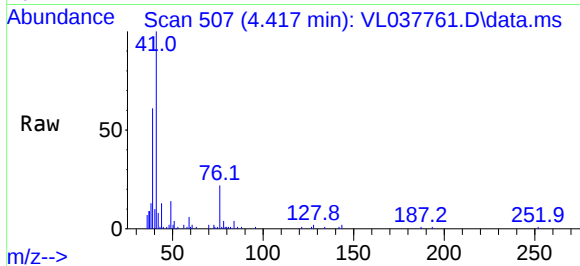
Tgt Ion: 84 Resp: 33881
Ion Ratio Lower Upper
84 100
49 134.3 120.7 181.1
51 40.0 36.2 54.4
86 57.2 49.6 74.4





#21
 Allyl Chloride
 Concen: 0.52 ppbv m
 RT: 4.417 min Scan# 506
 Delta R.T. 0.003 min
 Lab File: VL037761.D
 Acq: 4 Oct 2021 13:33

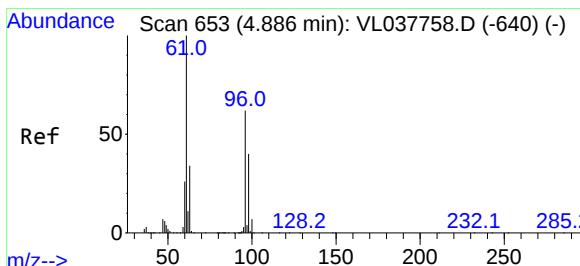
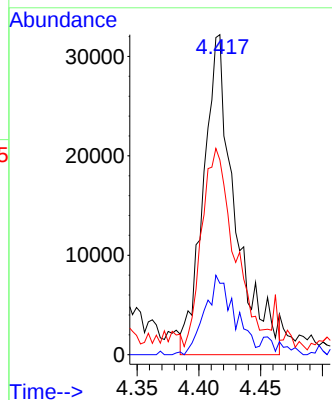
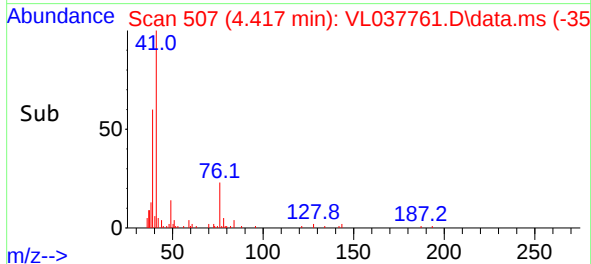
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



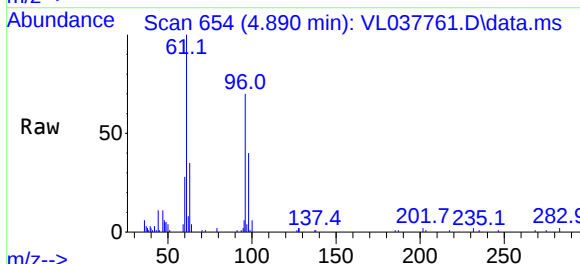
Tgt Ion: 41 Resp: 5743
 Ion Ratio Lower Upper
 41 100
 76 27.7 22.4 33.6
 39 74.3 58.0 87.0

Manual Integrations
 APPROVED

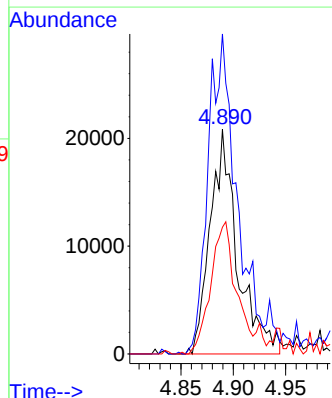
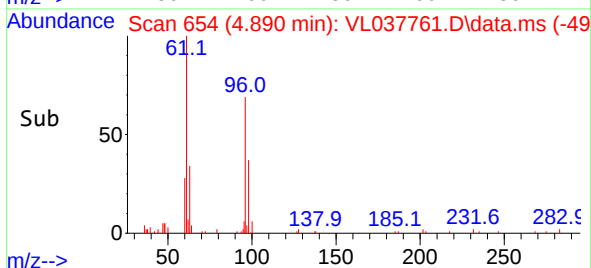
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

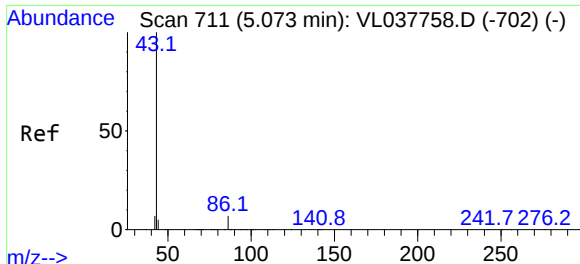


#22
 trans-1,2-Dichloroethene
 Concen: 0.53 ppbv m
 RT: 4.890 min Scan# 654
 Delta R.T. 0.003 min
 Lab File: VL037761.D
 Acq: 4 Oct 2021 13:33



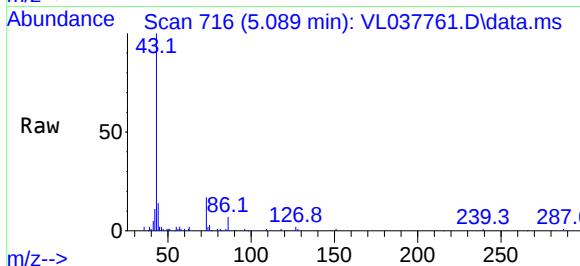
Tgt Ion: 96 Resp: 37848
 Ion Ratio Lower Upper
 96 100
 61 142.4 129.0 193.6
 98 56.4 51.7 77.5





#23
 Vinyl Acetate
 Concen: 0.51 ppbv m
 RT: 5.089 min Scan# 711
 Delta R.T. 0.016 min
 Lab File: VL037761.D
 Acq: 4 Oct 2021 13:33

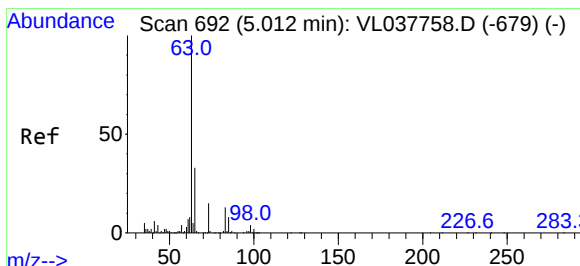
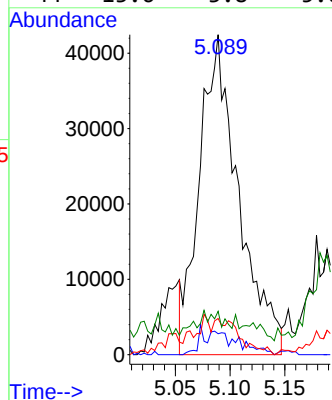
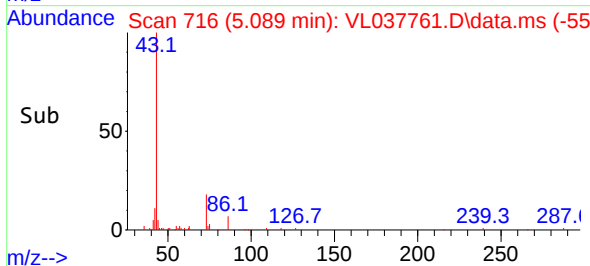
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5



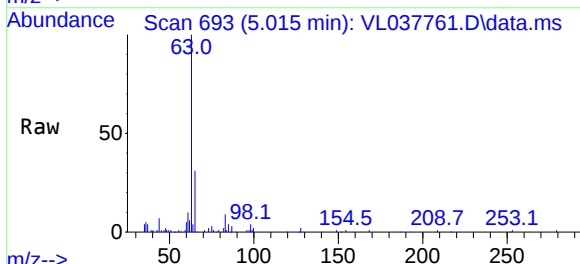
Tgt Ion: 43 Resp: 10558
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.0 7.4
 42 11.3 7.4 11.0
 44 13.6 3.8 5.6

Manual Integrations
 APPROVED

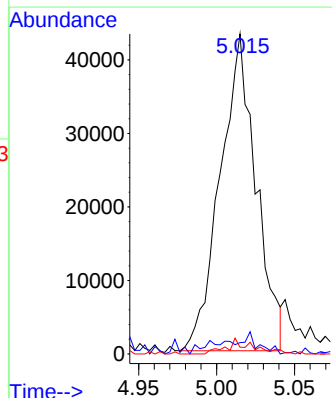
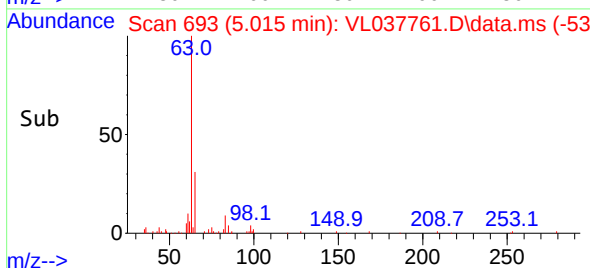
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

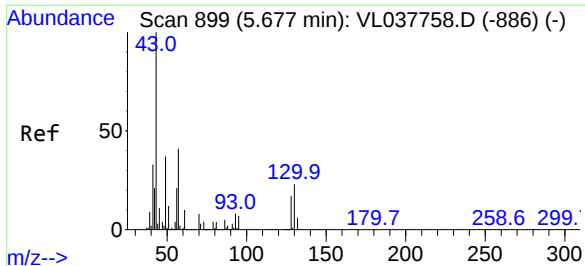


#24
 1,1-Dichloroethane
 Concen: 0.47 ppbv
 RT: 5.015 min Scan# 693
 Delta R.T. 0.003 min
 Lab File: VL037761.D
 Acq: 4 Oct 2021 13:33



Tgt Ion: 63 Resp: 68912
 Ion Ratio Lower Upper
 63 100
 98 3.6 2.3 6.9
 100 2.1 1.1 3.1





#25

Ethyl Acetate

Concen: 0.51 ppbv m

RT: 5.690 min Scan# 903

Delta R.T. 0.013 min

Lab File: VL037761.D

Acq: 4 Oct 2021 13:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

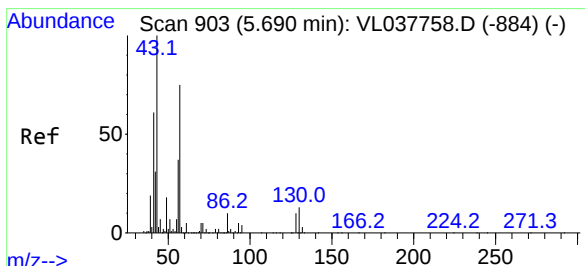
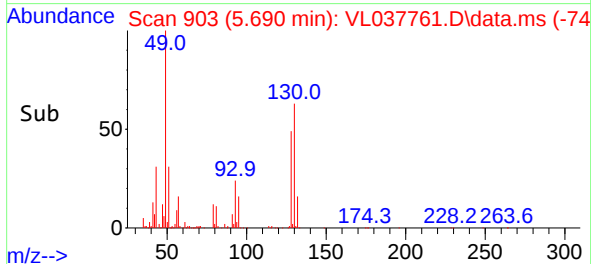
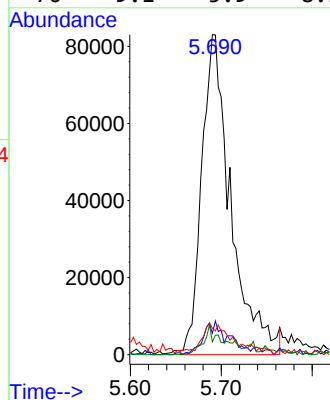
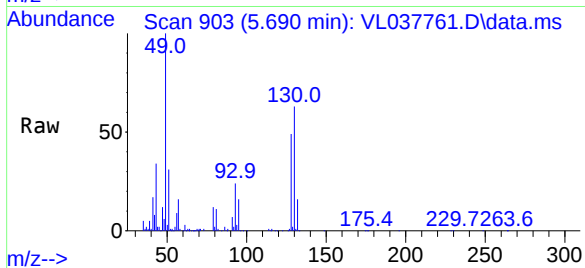
Tgt Ion: 43 Resp: 184450

Ion	Ratio	Lower	Upper
43	100		
45	9.7	8.1	12.1
61	11.7	7.5	11.3
70	9.1	5.9	8.9

Manual Integrations

APPROVED

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



#26

Hexane

Concen: 0.54 ppbv m

RT: 5.687 min Scan# 902

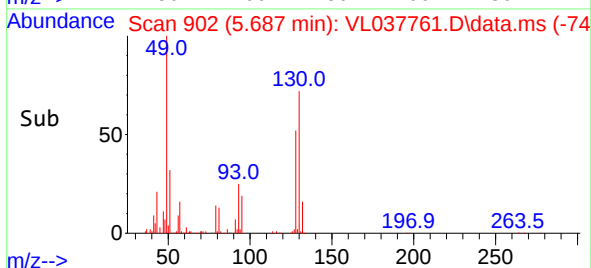
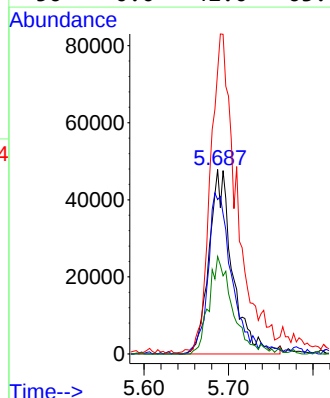
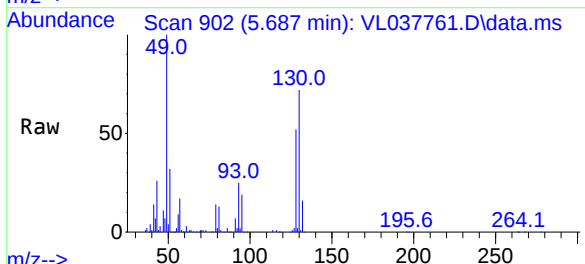
Delta R.T. -0.003 min

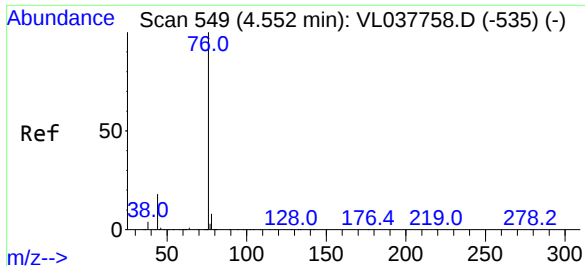
Lab File: VL037761.D

Acq: 4 Oct 2021 13:33

Tgt Ion: 57 Resp: 92624

Ion	Ratio	Lower	Upper
57	100		
41	0.0	69.6	104.4
43	208.8	171.4	257.0
56	0.0	42.0	63.0





#27

Carbon Disulfide

Concen: 0.46 ppbv m

RT: 4.555 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL037761.D

Acq: 4 Oct 2021 13:33

Instrument :

MSVOA_L

ClientSampleId :

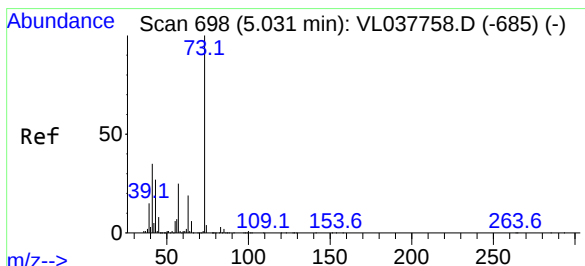
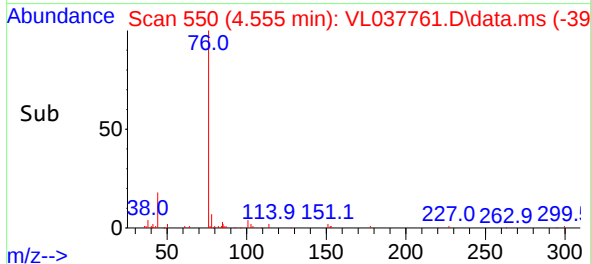
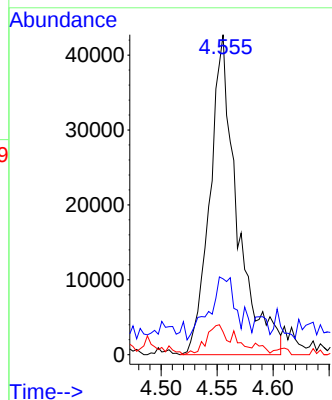
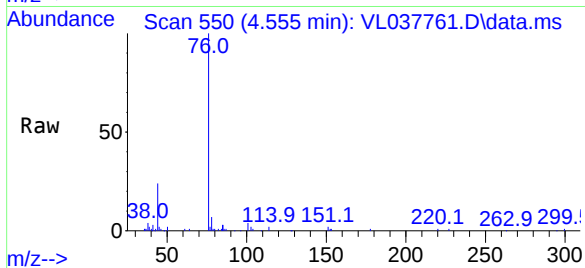
VSTDICC0.5

Tgt Ion: 76 Resp: 72508
 Ion Ratio Lower Upper
 76 100
 44 22.2 14.3 21.5
 78 11.4 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: 0.54 ppbv m

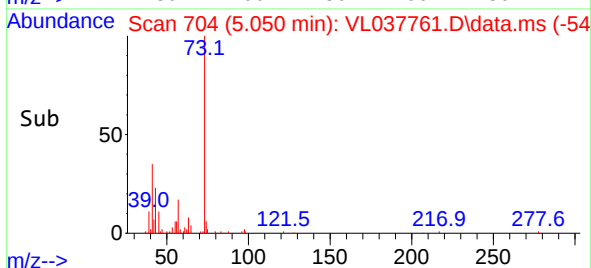
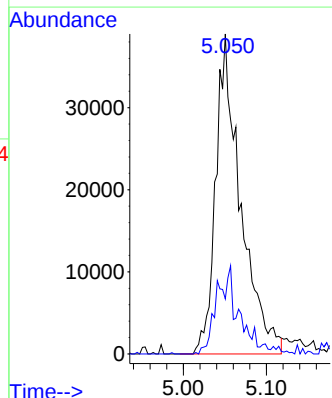
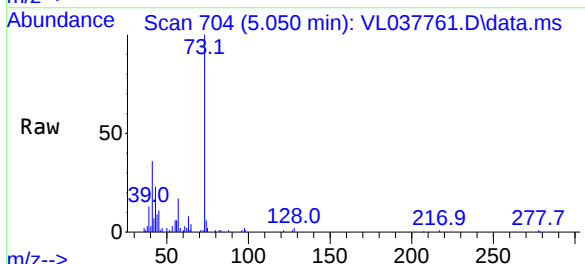
RT: 5.050 min Scan# 704

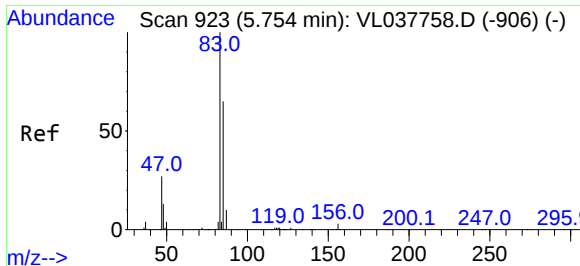
Delta R.T. 0.019 min

Lab File: VL037761.D

Acq: 4 Oct 2021 13:33

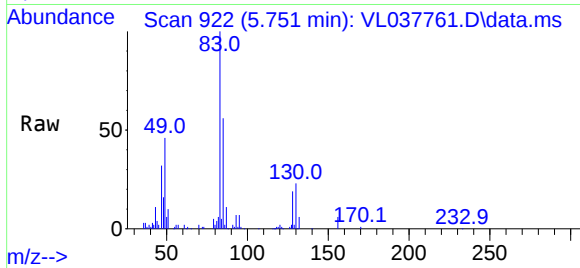
Tgt Ion: 73 Resp: 80995
 Ion Ratio Lower Upper
 73 100
 57 25.4 20.4 30.6





#29
Chloroform
Concen: 0.55 ppbv
RT: 5.751 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

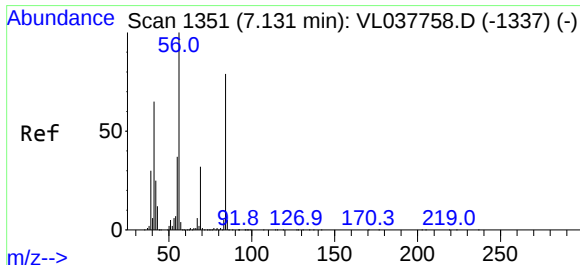
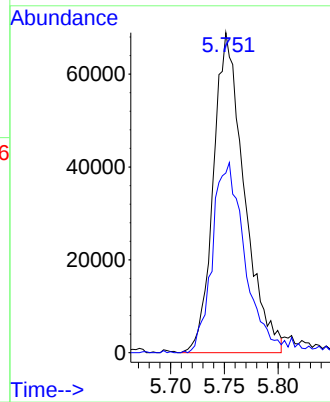
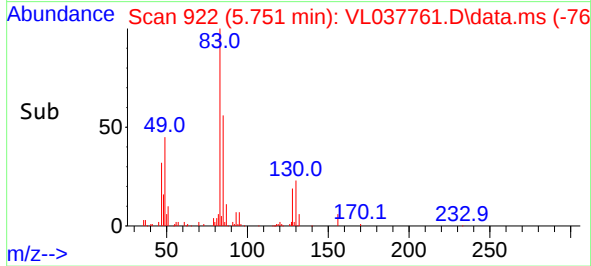
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



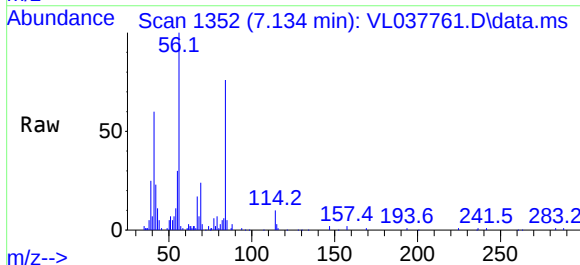
Tgt Ion: 83 Resp: 137600
Ion Ratio Lower Upper
83 100
85 56.2 51.8 77.8

Manual Integrations
APPROVED

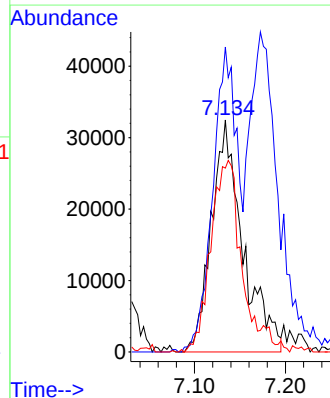
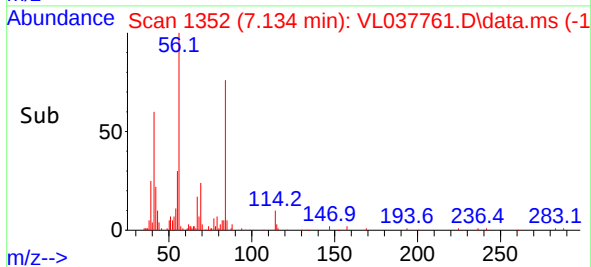
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

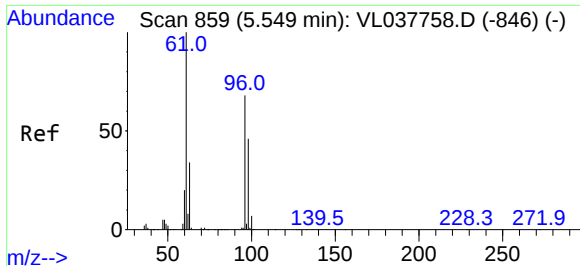


#30
Cyclohexane
Concen: 0.53 ppbv m
RT: 7.134 min Scan# 1352
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



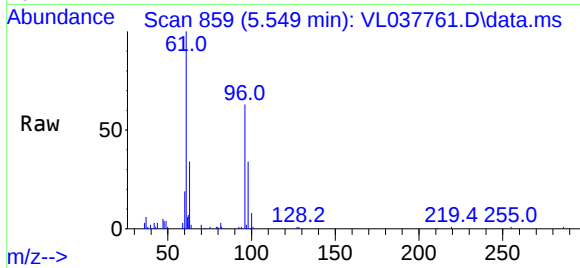
Tgt Ion: 84 Resp: 77744
Ion Ratio Lower Upper
84 100
56 99.1 113.0 169.4#
41 82.7 69.1 103.7





#31
 cis-1,2-Dichloroethene
 Concen: 0.50 ppbv
 RT: 5.549 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VL037761.D
 Acq: 4 Oct 2021 13:33

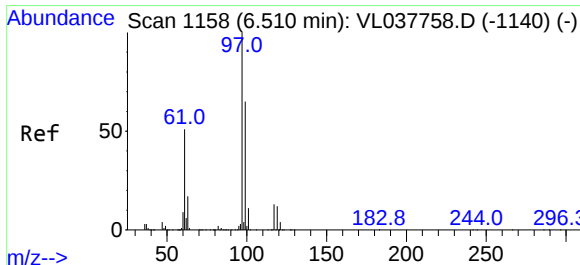
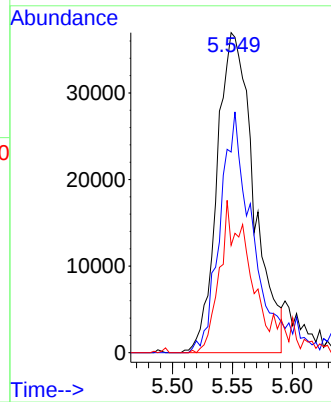
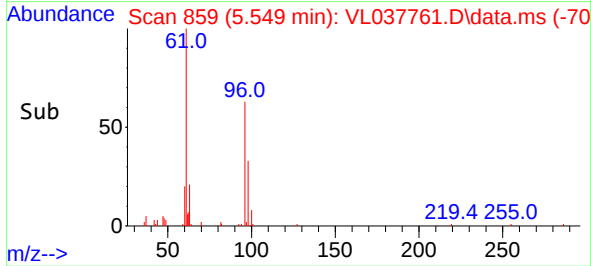
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



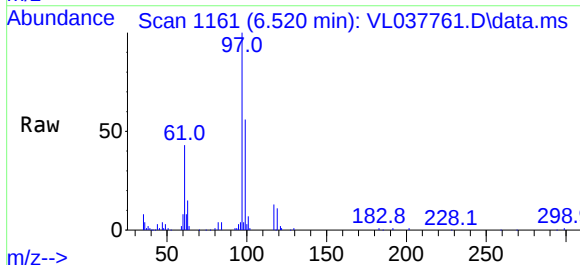
Tgt Ion: 61 Resp: 78449
 Ion Ratio Lower Upper
 61 100
 96 59.1 54.2 81.2
 98 31.7 36.6 54.8

Manual Integrations
 APPROVED

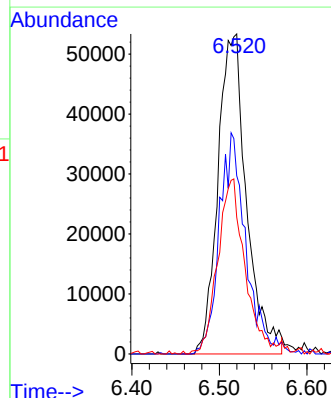
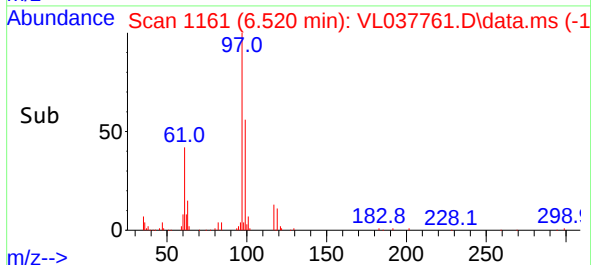
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

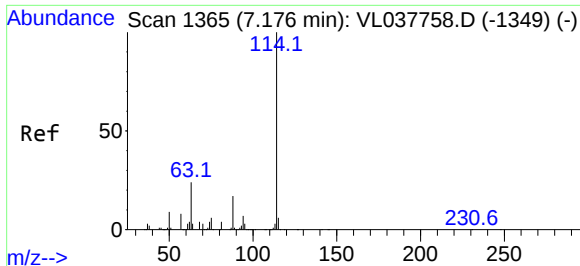


#32
 1,1,1-Trichloroethane
 Concen: 0.52 ppbv m
 RT: 6.520 min Scan# 1161
 Delta R.T. 0.010 min
 Lab File: VL037761.D
 Acq: 4 Oct 2021 13:33



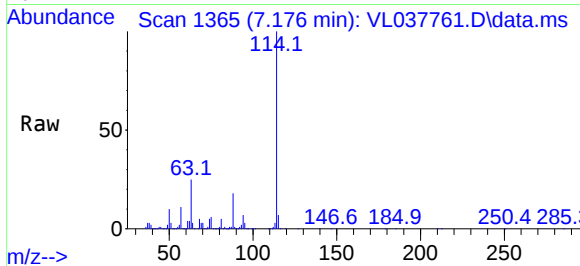
Tgt Ion: 97 Resp: 121155
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.6 78.8#
 61 53.2 40.2 60.4





#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.176 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

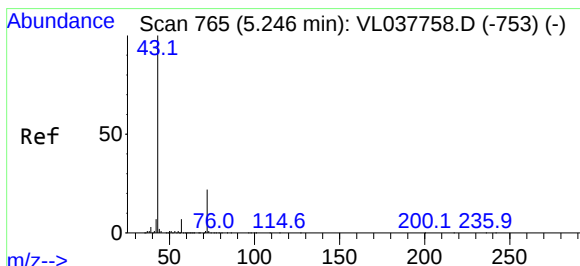
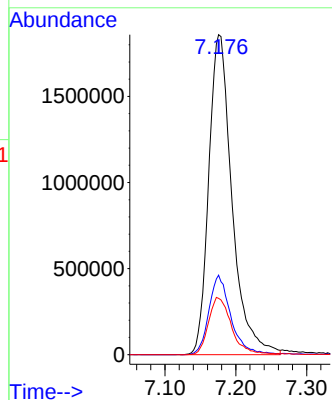
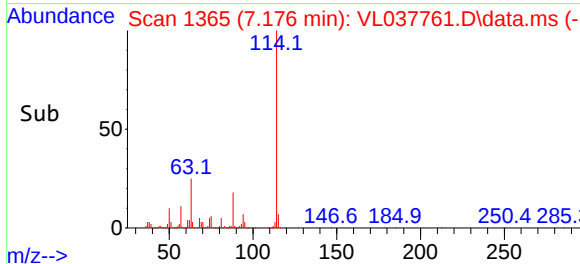
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



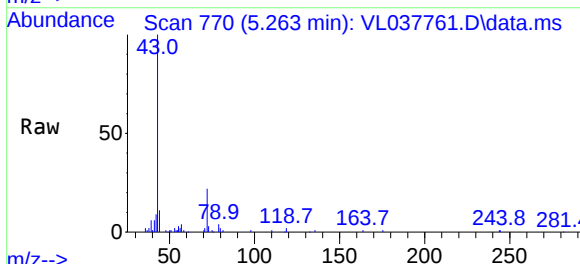
Tgt Ion:114 Resp: 423898
Ion Ratio Lower Upper
114 100
63 23.9 19.4 29.2
88 18.0 14.4 21.6

Manual Integrations
APPROVED

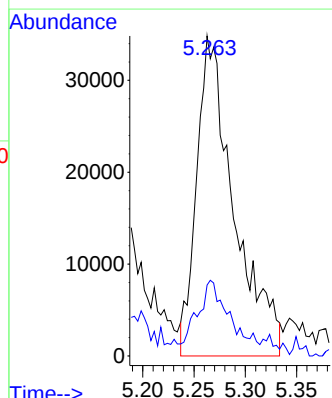
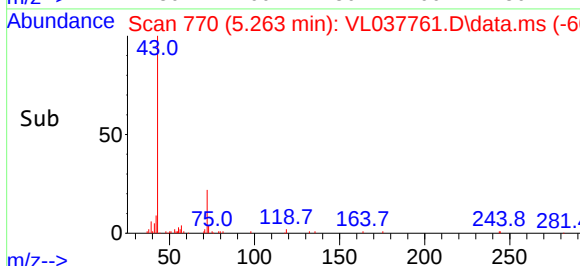
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

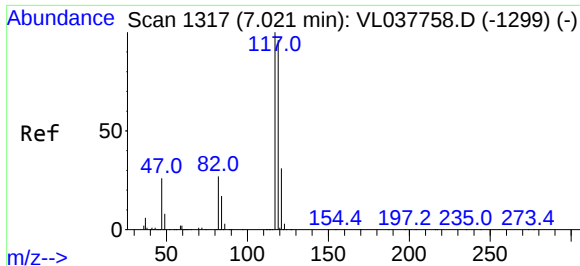


#34
2-Butanone
Concen: 0.51 ppbv m
RT: 5.263 min Scan# 770
Delta R.T. 0.016 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



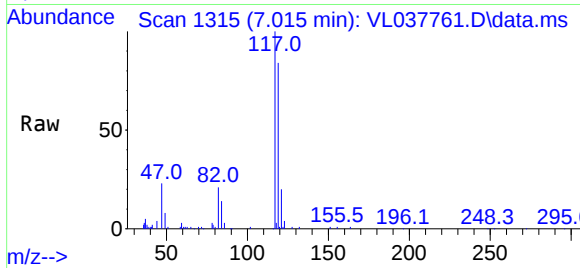
Tgt Ion: 43 Resp: 88063
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#





#35
Carbon Tetrachloride
Concen: 0.48 ppbv
RT: 7.015 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

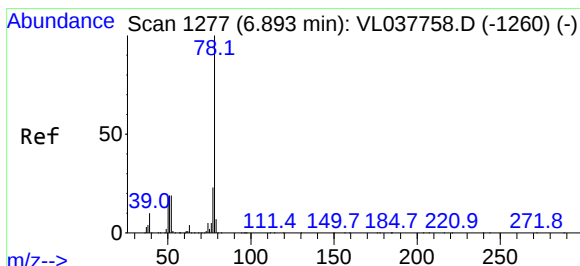
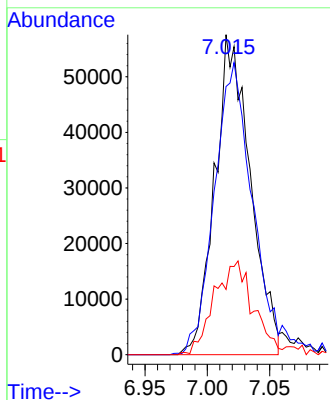
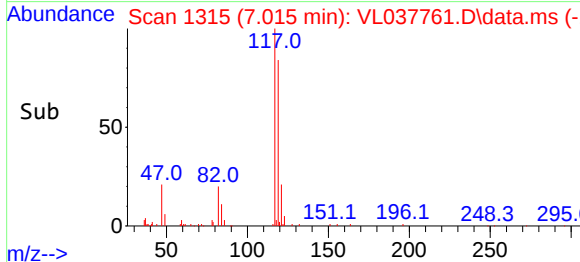
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



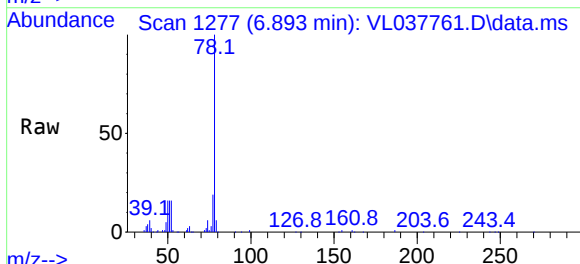
Tgt Ion: 117 Resp: 11426
Ion Ratio Lower Upper
117 100
119 83.3 76.5 114.7
121 20.4 24.9 37.3

Manual Integrations
APPROVED

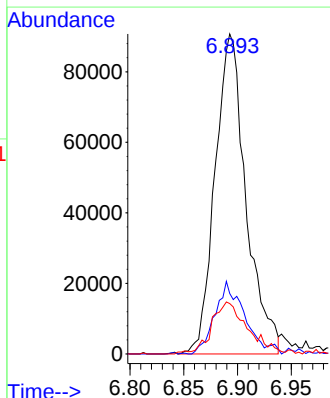
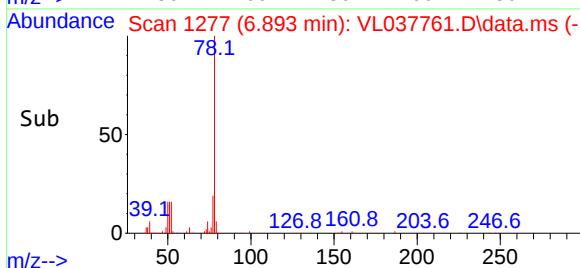
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

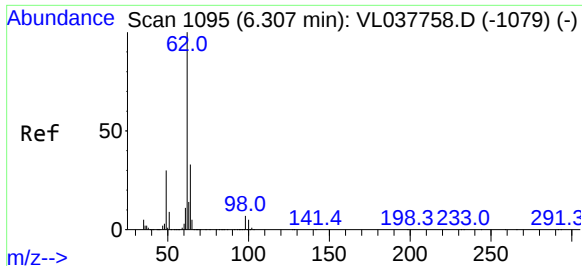


#36
Benzene
Concen: 0.51 ppbv
RT: 6.893 min Scan# 1277
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



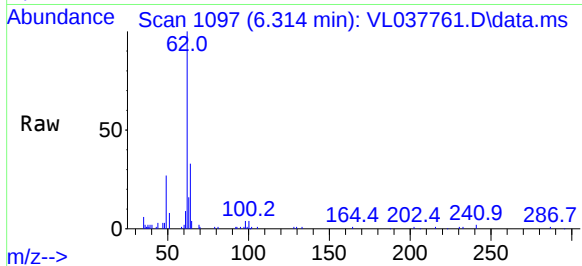
Tgt Ion: 78 Resp: 181574
Ion Ratio Lower Upper
78 100
77 18.9 18.8 28.2
50 15.2 14.7 22.1





#37
1,2-Dichloroethane
Concen: 0.49 ppbv m
RT: 6.314 min Scan# 1095
Delta R.T. 0.007 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

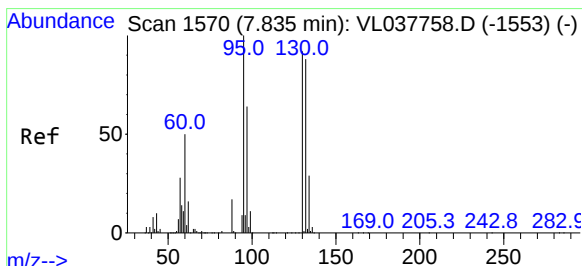
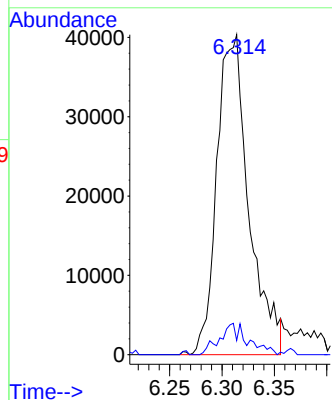
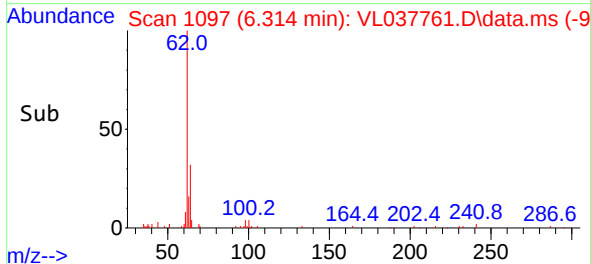
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 62 Resp: 85410
Ion Ratio Lower Upper
62 100
98 9.1 6.1 9.1

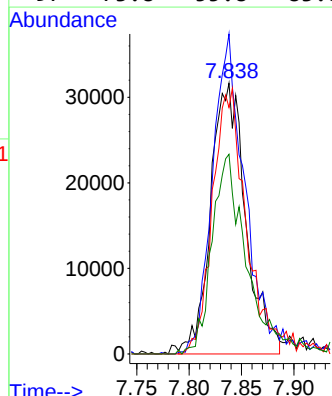
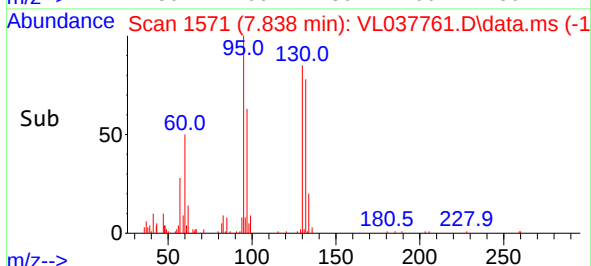
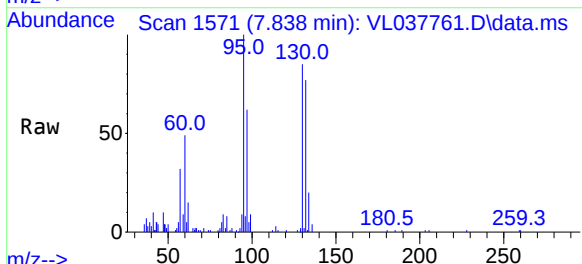
Manual Integrations
APPROVED

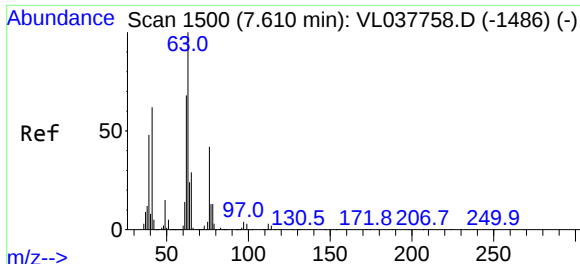
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#38
Trichloroethene
Concen: 0.50 ppbv m
RT: 7.838 min Scan# 1571
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

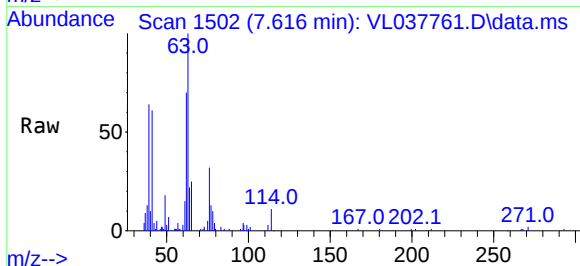
Tgt Ion:130 Resp: 73555
Ion Ratio Lower Upper
130 100
95 118.2 87.4 131.0
132 91.0 76.8 115.2
97 73.8 55.8 83.8





#39
1,2-Dichloropropane
Concen: 0.50 ppbv m
RT: 7.616 min Scan# 1500
Delta R.T. 0.007 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

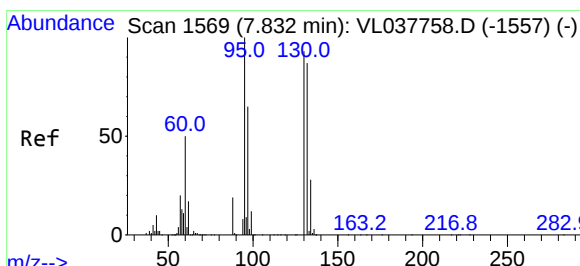
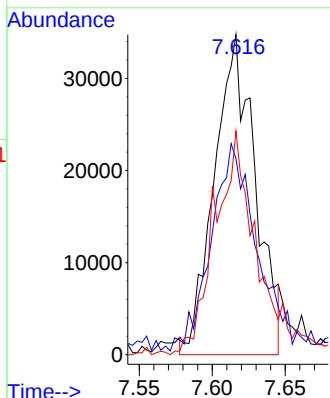
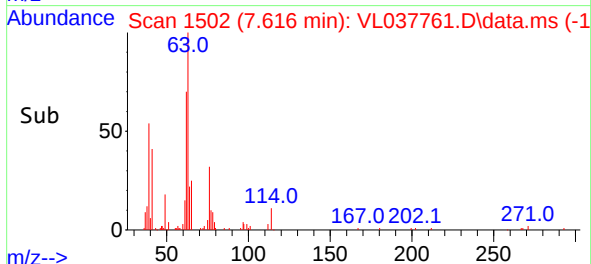
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



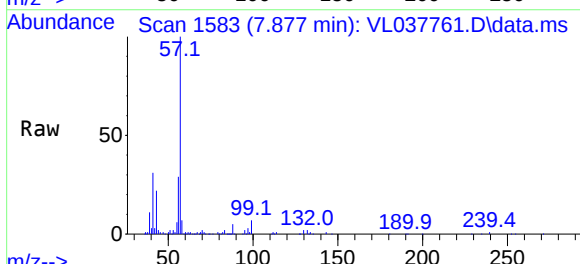
Tgt Ion: 63 Resp: 6771
Ion Ratio Lower Upper
63 100
41 61.2 49.8 74.6
62 69.8 54.6 82.0

Manual Integrations
APPROVED

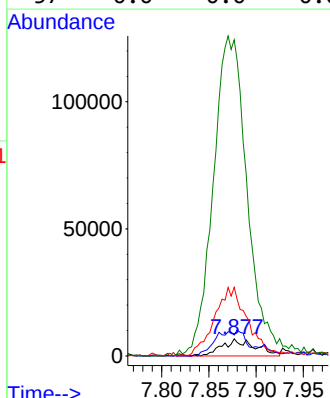
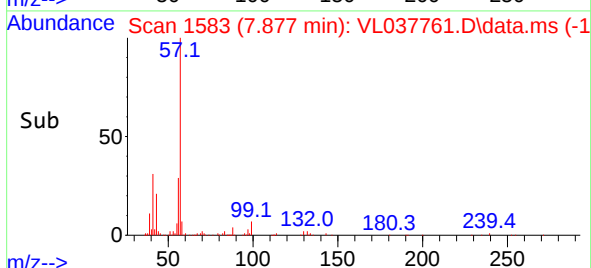
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

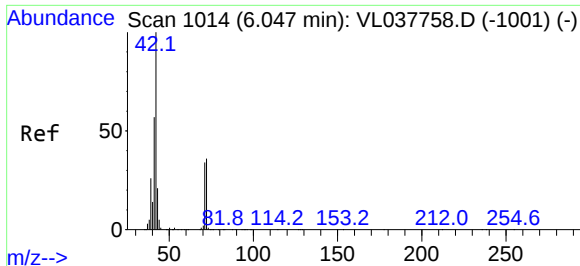


#40
1,4-Dioxane
Concen: 0.50 ppbv m
RT: 7.877 min Scan# 1583
Delta R.T. 0.045 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



Tgt Ion: 88 Resp: 16629
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





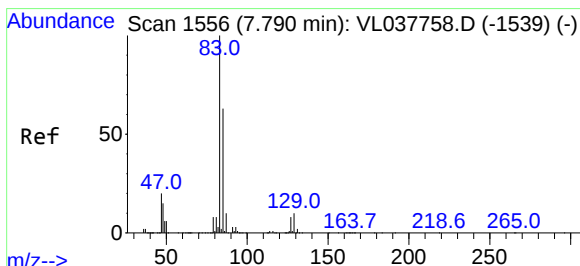
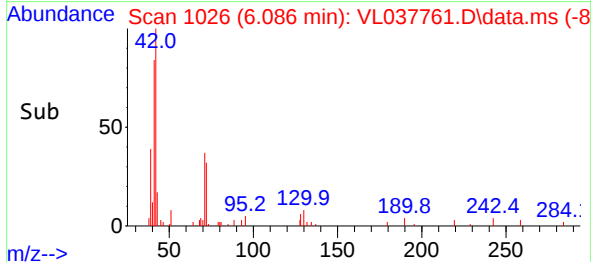
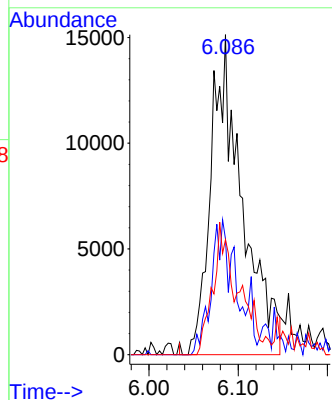
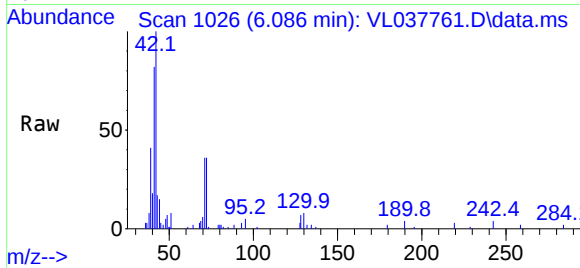
#41
Tetrahydrofuran
Concen: 0.45 ppbv m
RT: 6.086 min Scan# 1014
Delta R.T. 0.039 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 42 Resp: 3682
Ion Ratio Lower Upper
42 100
72 0.0 31.9 47.9
71 0.0 30.3 45.5

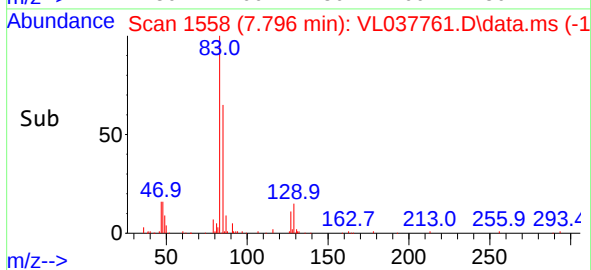
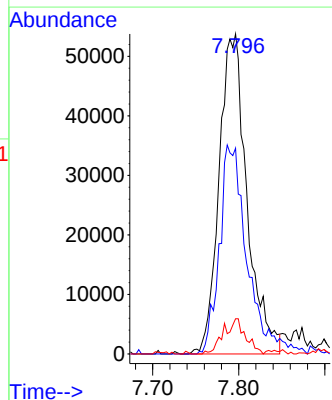
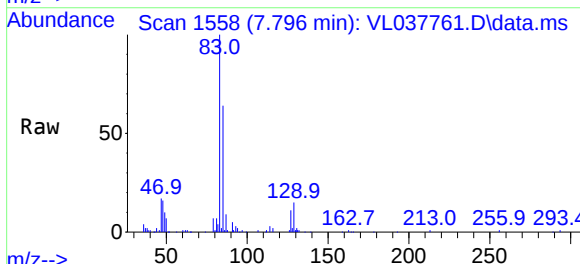
Manual Integrations
APPROVED

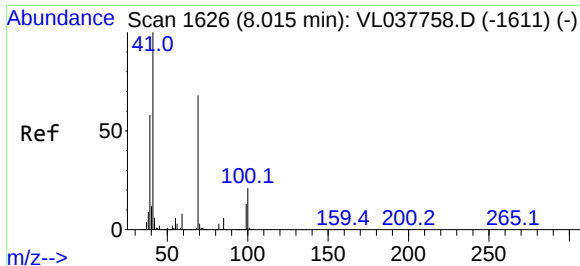
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#42
Bromodichloromethane
Concen: 0.49 ppbv m
RT: 7.796 min Scan# 1558
Delta R.T. 0.007 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 83 Resp: 121048
Ion Ratio Lower Upper
83 100
85 64.3 50.6 75.8
127 11.0 6.2 9.4





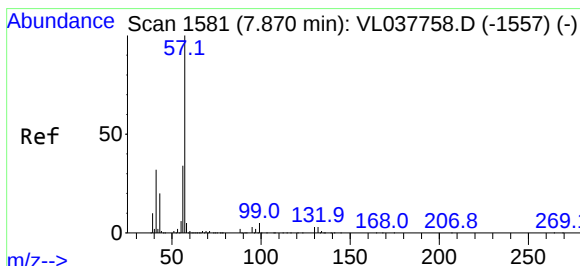
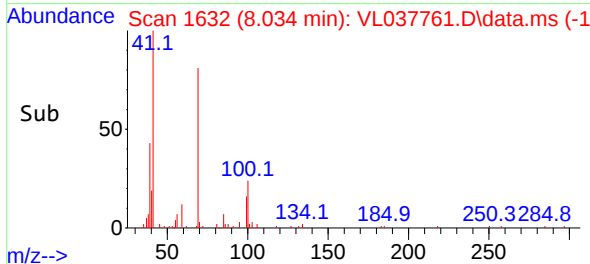
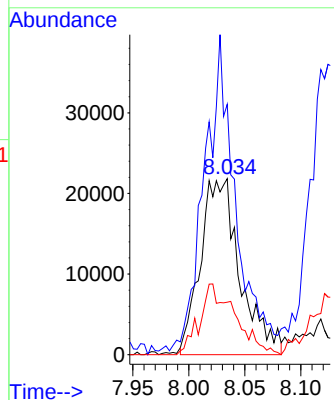
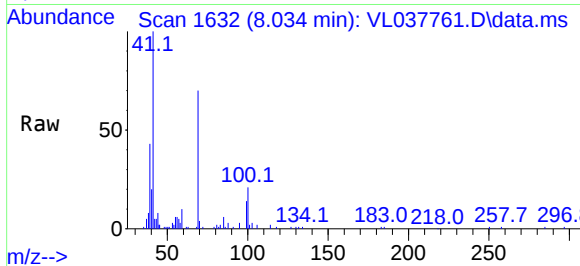
#43
Methyl Methacrylate
Concen: 0.46 ppbv m
RT: 8.034 min Scan# 1632
Delta R.T. 0.019 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 5361
Ion Ratio Lower Upper
69 100
41 0.0 121.0 181.4
100 0.0 27.7 41.5

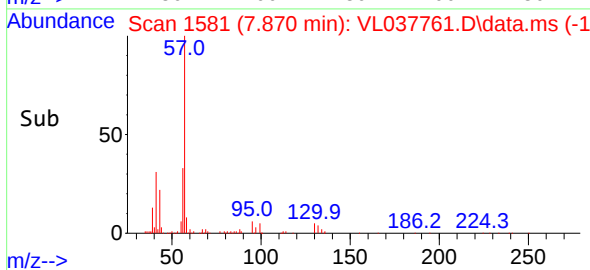
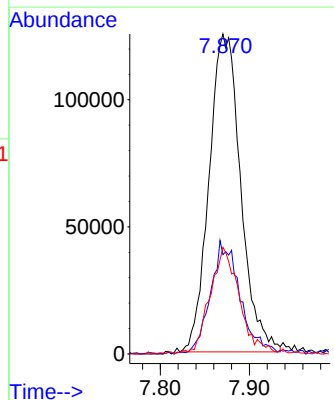
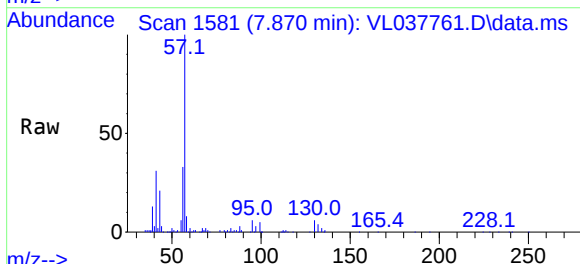
Manual Integrations
APPROVED

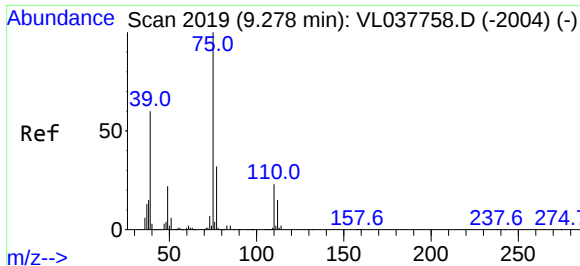
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#44
2,2,4-Trimethylpentane
Concen: 0.52 ppbv
RT: 7.870 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

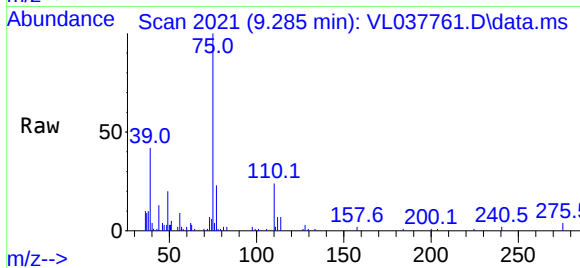
Tgt Ion: 57 Resp: 308513
Ion Ratio Lower Upper
57 100
41 33.5 25.6 38.4
56 32.0 25.5 38.3





#45
t-1,3-Dichloropropene
Concen: 0.35 ppbv m
RT: 9.285 min Scan# 2019
Delta R.T. 0.007 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

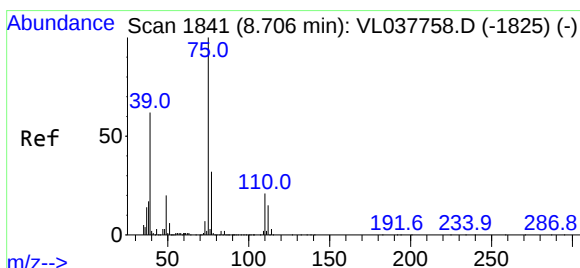
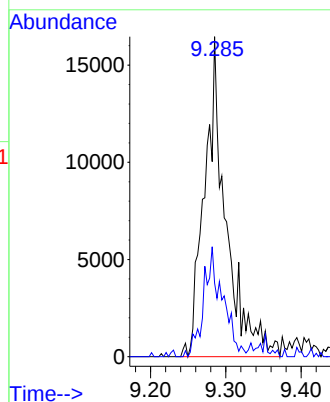
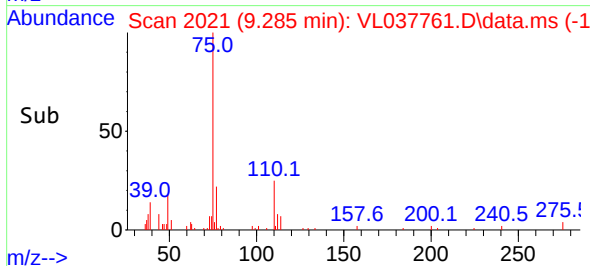
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



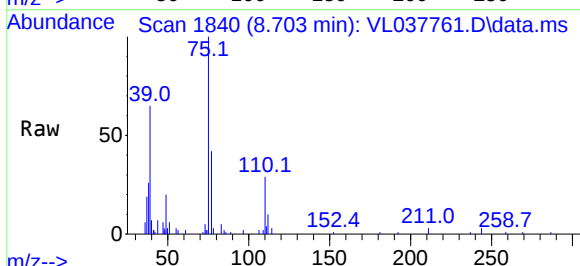
Tgt Ion: 75 Resp: 32564
Ion Ratio Lower Upper
75 100
77 23.0 25.2 37.8

Manual Integrations
APPROVED

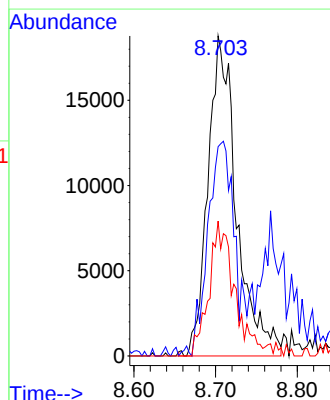
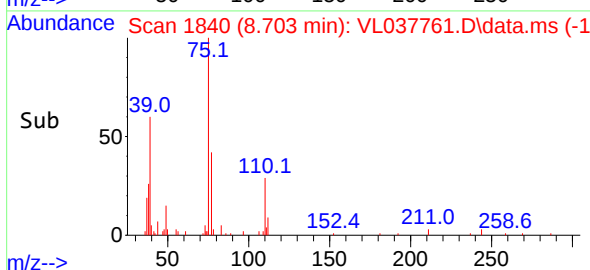
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

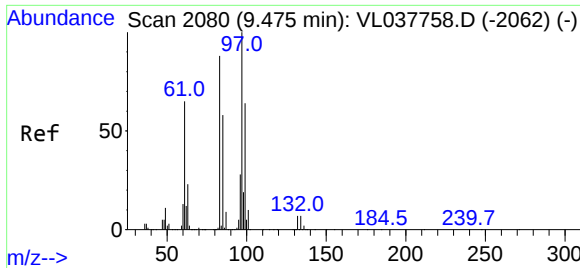


#46
cis-1,3-Dichloropropene
Concen: 0.37 ppbv m
RT: 8.703 min Scan# 1840
Delta R.T. -0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



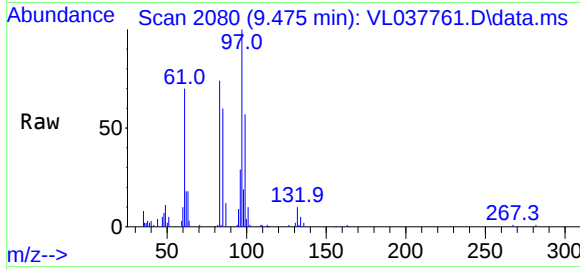
Tgt Ion: 75 Resp: 45679
Ion Ratio Lower Upper
75 100
39 65.4 49.9 74.9
77 42.1 25.9 38.9





#47
1,1,2-Trichloroethane
Concen: 0.52 ppbv m
RT: 9.475 min Scan# 2080
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

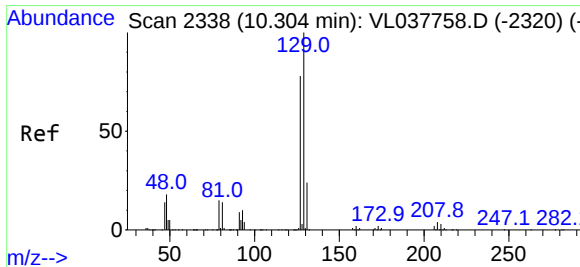
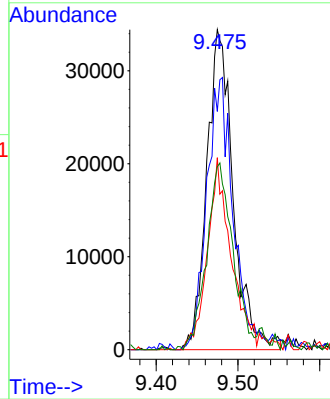
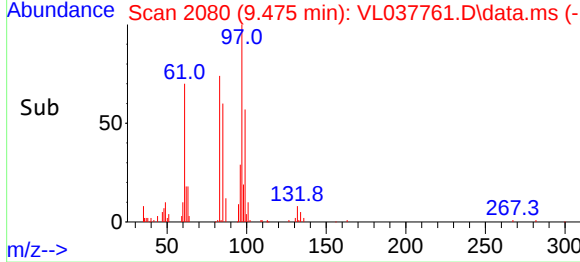
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



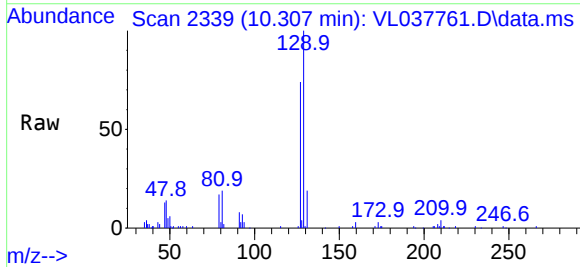
Tgt Ion: 97 Resp: 77352
Ion Ratio Lower Upper
97 100
83 74.5 70.6 105.8
85 60.0 45.9 68.9
99 57.2 51.5 77.3

Manual Integrations
APPROVED

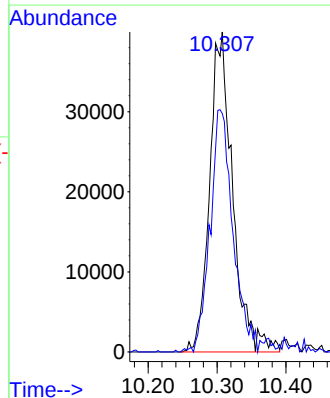
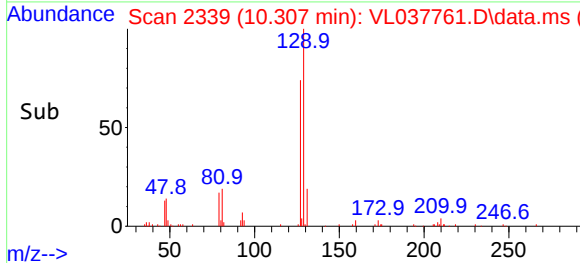
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

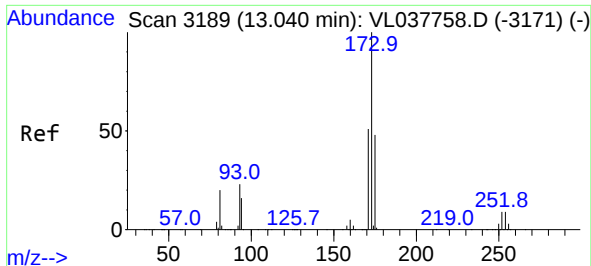


#48
Dibromochloromethane
Concen: 0.44 ppbv m
RT: 10.307 min Scan# 2339
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



Tgt Ion:129 Resp: 92537
Ion Ratio Lower Upper
129 100
127 77.6 39.5 118.5





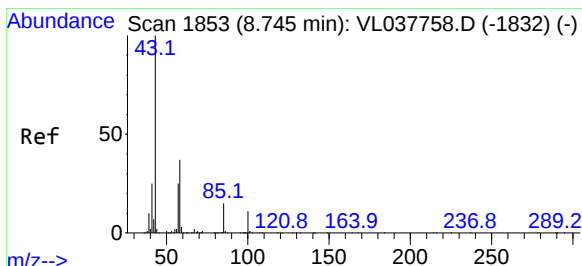
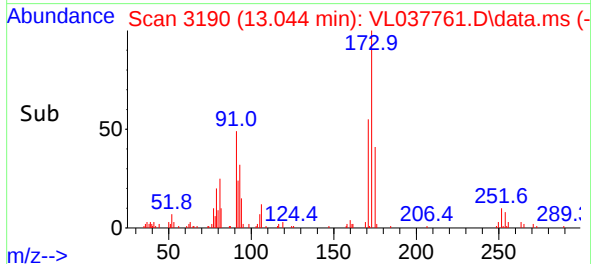
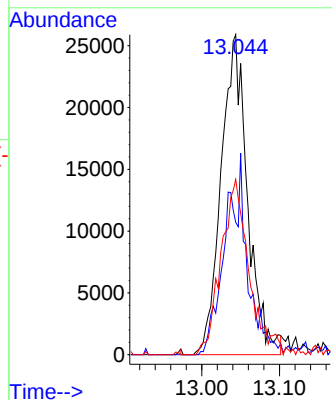
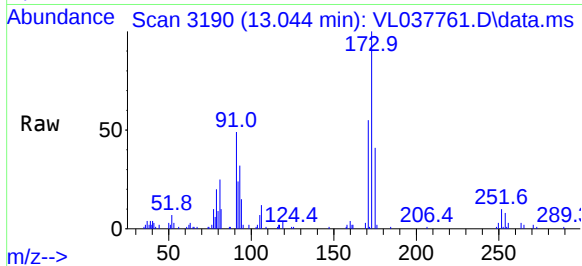
#49
Bromoform
Concen: 0.37 ppbv m
RT: 13.044 min Scan# 3189
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:173 Resp: 6115
Ion Ratio Lower Upper
173 100
175 55.0 39.9 59.9
171 58.5 43.4 65.2

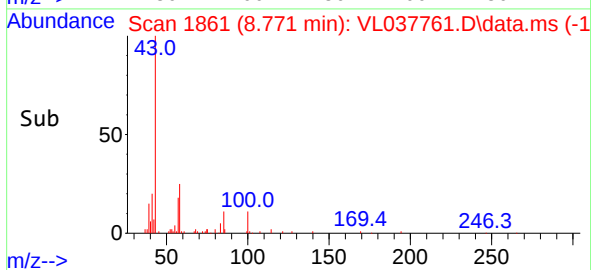
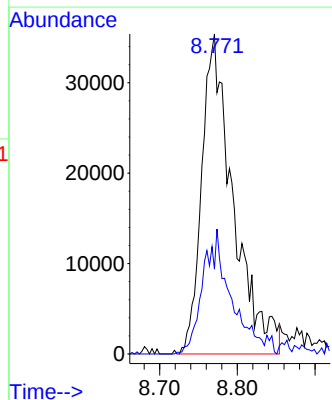
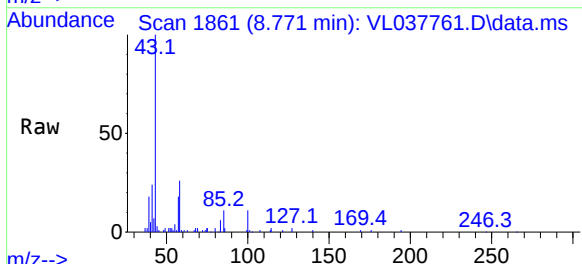
Manual Integrations
APPROVED

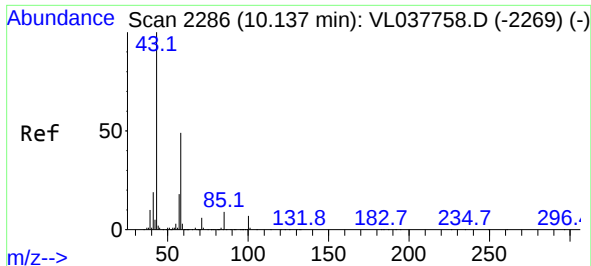
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#50
4-Methyl-2-Pentanone
Concen: 0.46 ppbv m
RT: 8.771 min Scan# 1861
Delta R.T. 0.026 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

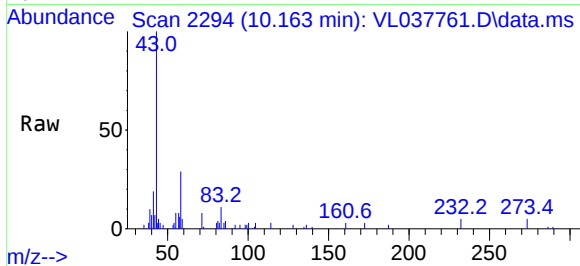
Tgt Ion: 43 Resp: 99558
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.0#





#51
2-Hexanone
Concen: 0.43 ppbv m
RT: 10.163 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

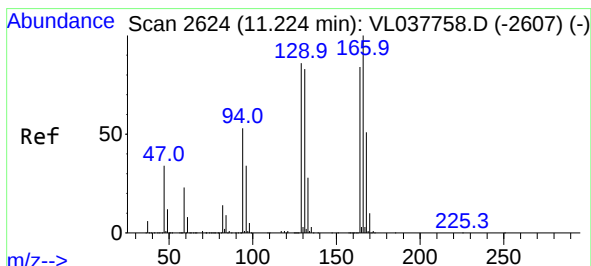
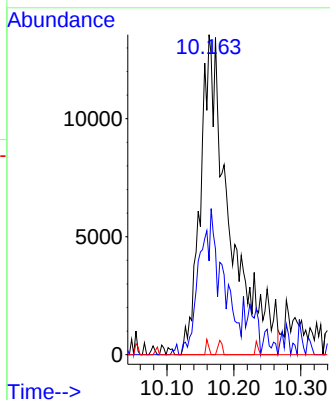
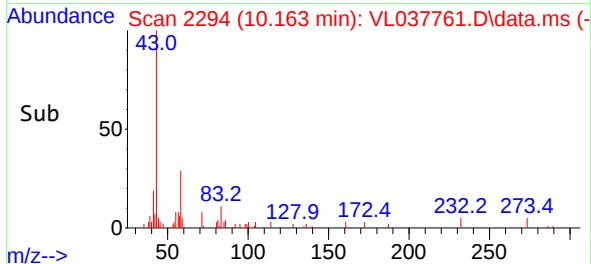
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



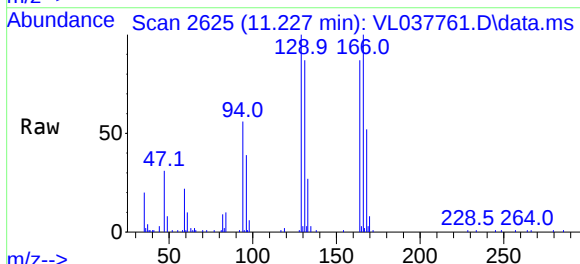
Tgt Ion: 43 Resp: 4134
Ion Ratio Lower Upper
43 100
58 38.6 39.4 59.0
98 1.1 0.3 0.5

Manual Integrations
APPROVED

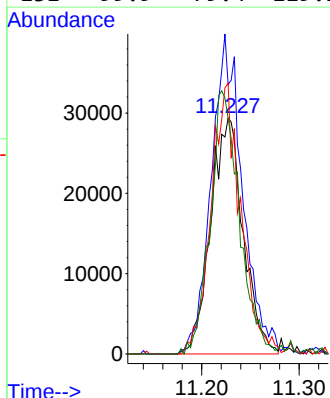
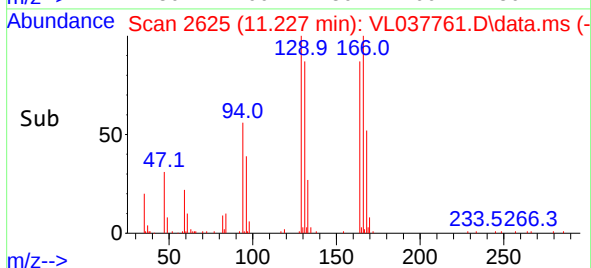
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

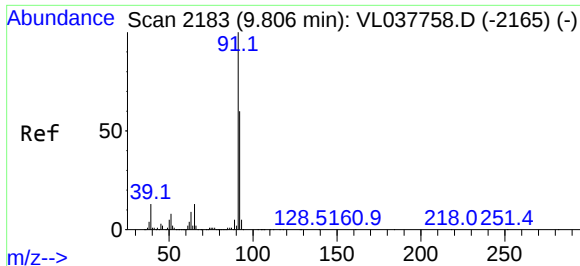


#52
Tetrachloroethene
Concen: 0.50 ppbv
RT: 11.227 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



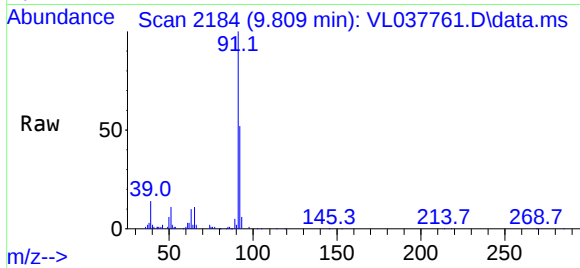
Tgt Ion:164 Resp: 67978
Ion Ratio Lower Upper
164 100
166 114.2 95.4 143.2
129 114.7 82.2 123.4
131 99.9 79.4 119.2





#53
Toluene
Concen: 0.48 ppbv m
RT: 9.809 min Scan# 2183
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

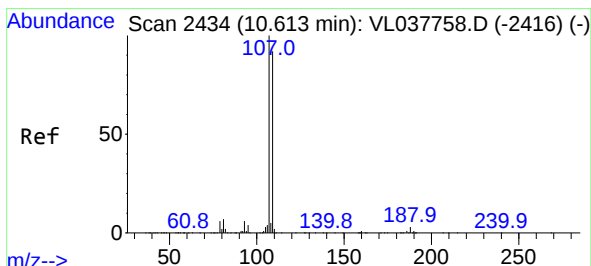
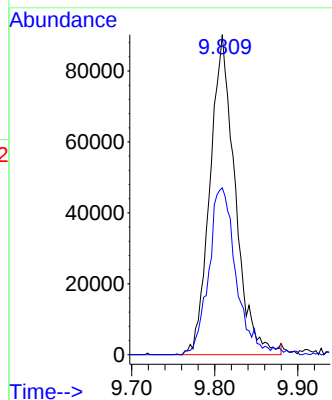
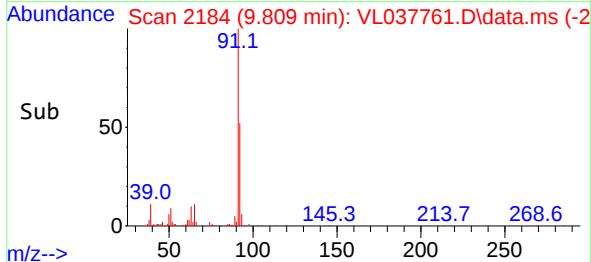
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



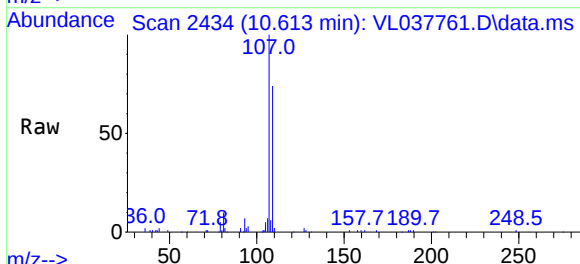
Tgt Ion: 91 Resp: 189364
Ion Ratio Lower Upper
91 100
92 56.1 48.4 72.6

Manual Integrations
APPROVED

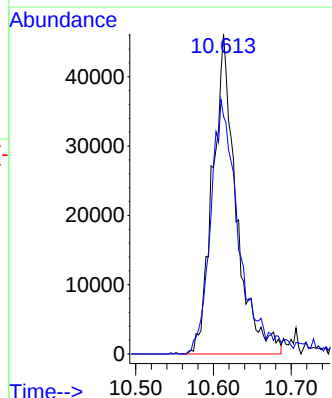
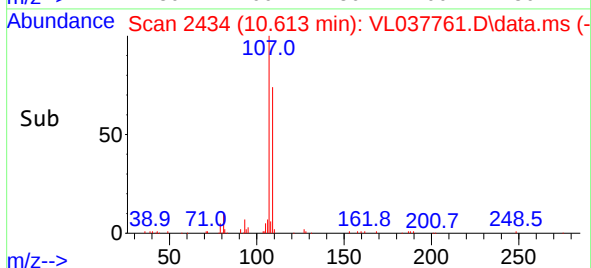
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

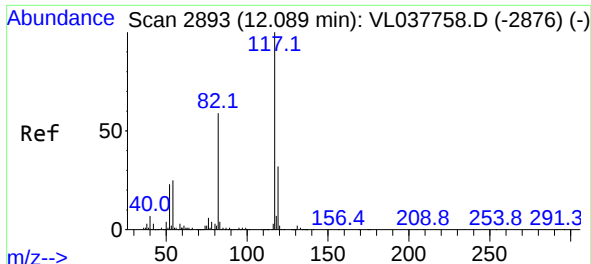


#54
1,2-Dibromoethane
Concen: 0.47 ppbv m
RT: 10.613 min Scan# 2434
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



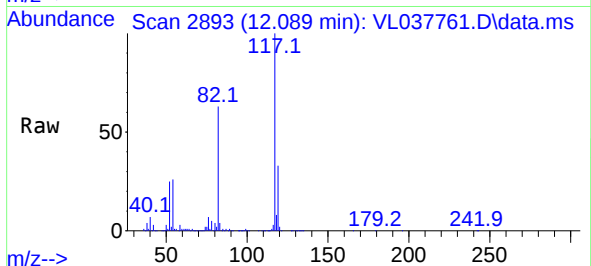
Tgt Ion:107 Resp: 96709
Ion Ratio Lower Upper
107 100
109 74.2 73.8 110.6





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

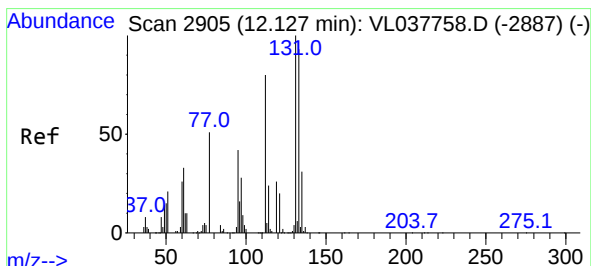
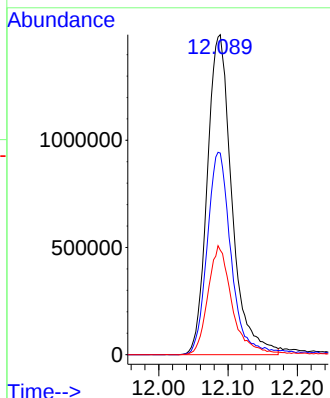
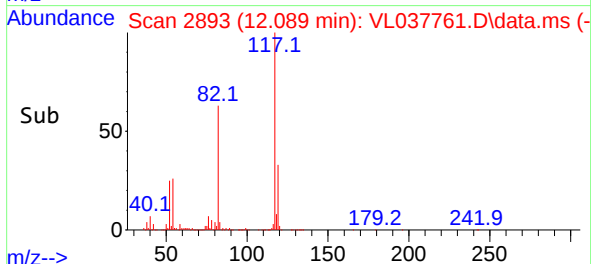
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



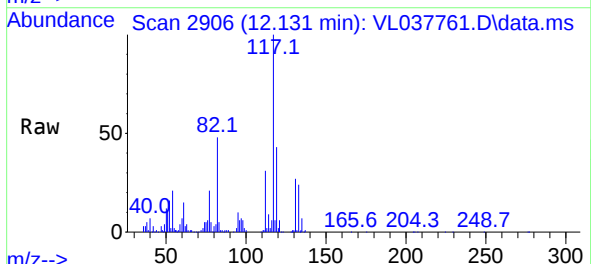
Tgt Ion:117 Resp: 368140
Ion Ratio Lower Upper
117 100
82 62.3 52.2 78.2
119 34.1 26.0 39.0

Manual Integrations
APPROVED

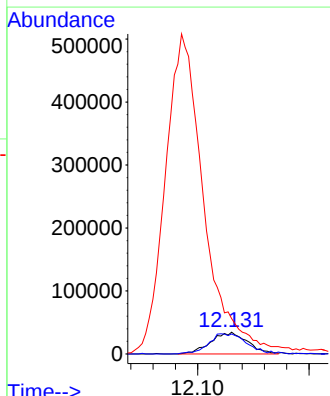
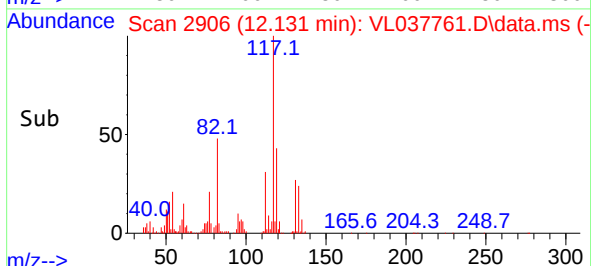
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

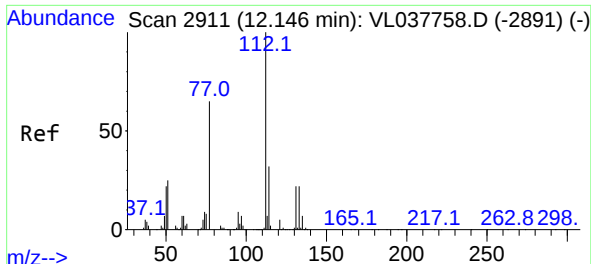


#56
1,1,1,2-Tetrachloroethane
Concen: 0.52 ppbv
RT: 12.131 min Scan# 2906
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



Tgt Ion:131 Resp: 78738
Ion Ratio Lower Upper
131 100
133 98.8 78.5 117.7
119 1595.5 51.7 77.5#





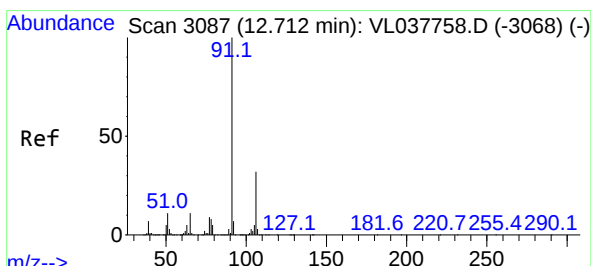
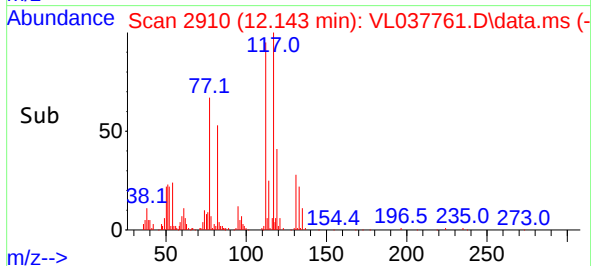
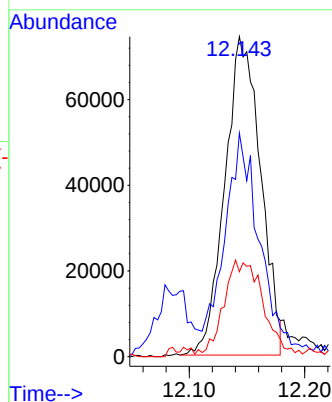
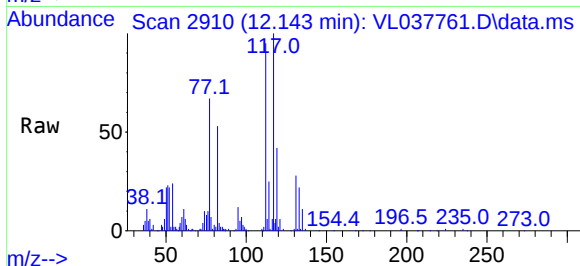
#57
Chlorobenzene
Concen: 0.52 ppbv
RT: 12.143 min Scan# 2911
Delta R.T. -0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5

Tgt Ion: 112 Resp: 15961
Ion Ratio Lower Upper
112 100
77 61.1 51.8 77.8
114 26.8 28.8 35.2

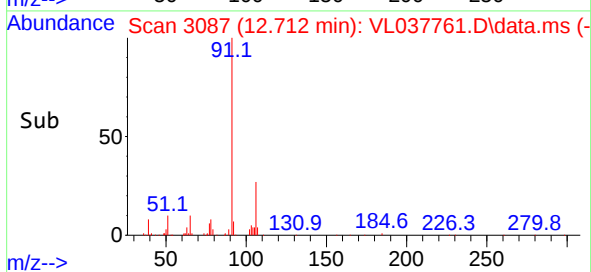
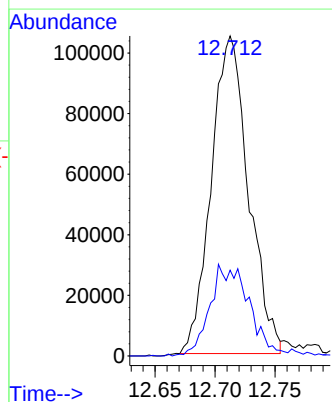
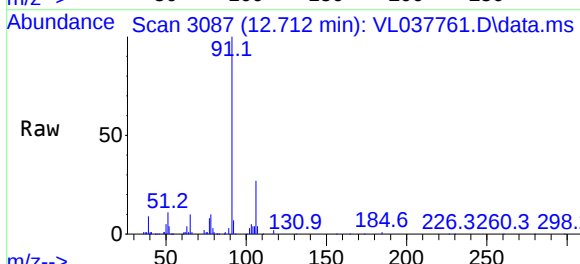
Manual Integrations
APPROVED

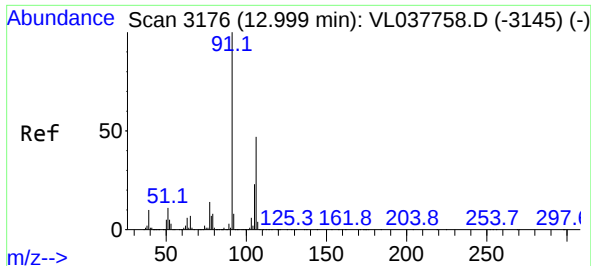
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#58
Ethyl Benzene
Concen: 0.46 ppbv
RT: 12.712 min Scan# 3087
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 91 Resp: 227013
Ion Ratio Lower Upper
91 100
106 26.5 25.3 37.9





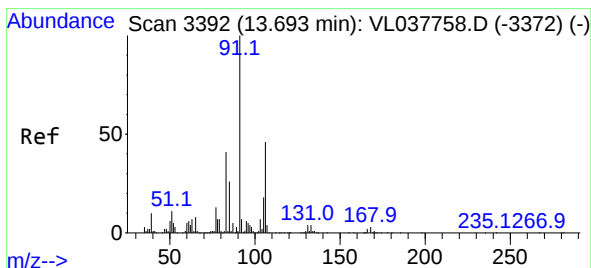
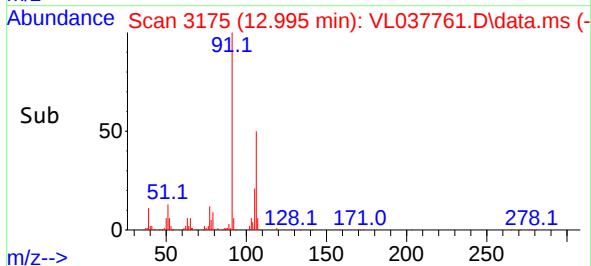
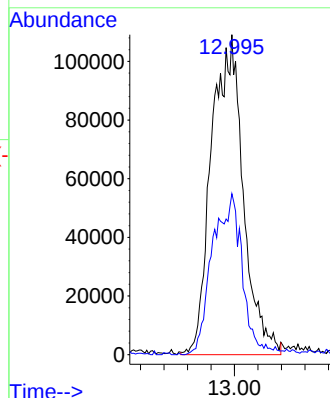
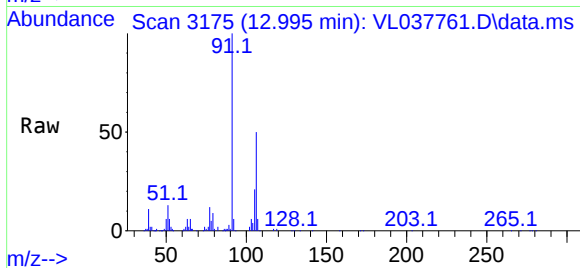
#59
m/p-Xylene
Concen: 0.96 ppbv m
RT: 12.995 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 40942
Ion Ratio Lower Upper
91 100
106 47.6 36.7 55.1

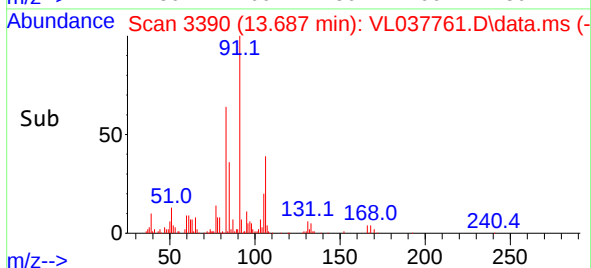
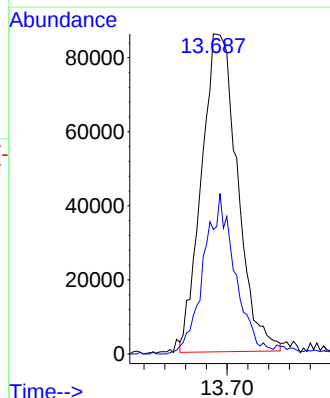
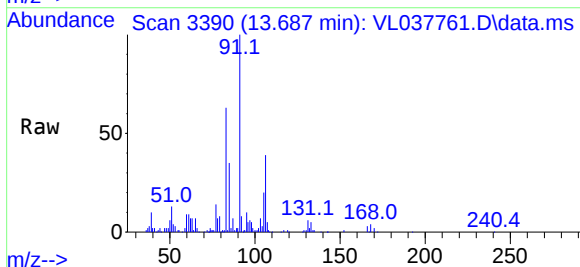
Manual Integrations
APPROVED

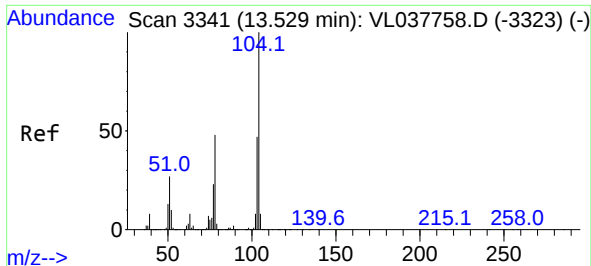
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#60
o-Xylene
Concen: 0.51 ppbv
RT: 13.687 min Scan# 3390
Delta R.T. -0.006 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 91 Resp: 206357
Ion Ratio Lower Upper
91 100
106 46.0 23.5 70.5





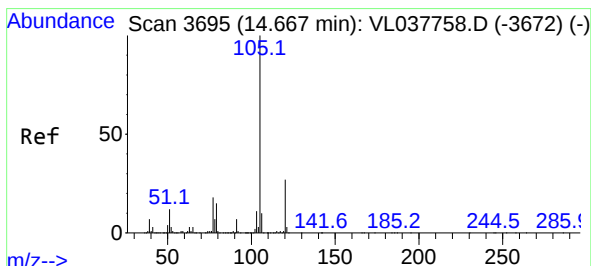
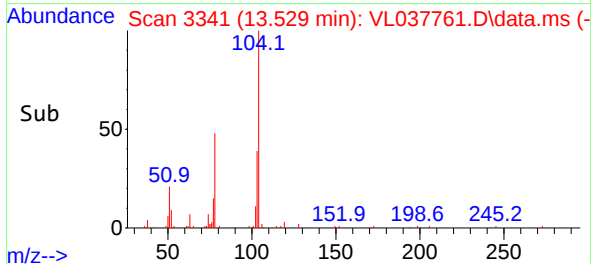
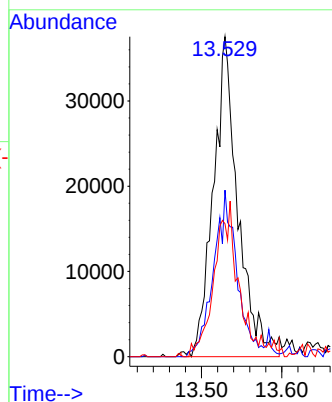
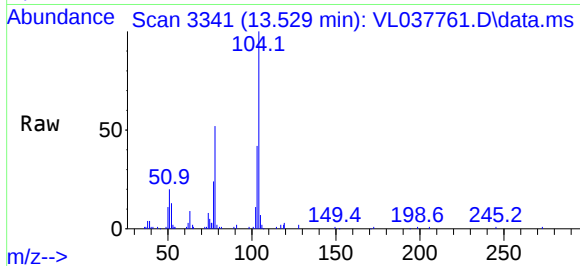
#61
Styrene
Concen: 0.40 ppbv m
RT: 13.529 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:104 Resp: 8022
Ion Ratio Lower Upper
104 100
78 50.9 40.6 61.0
103 46.5 39.6 59.4

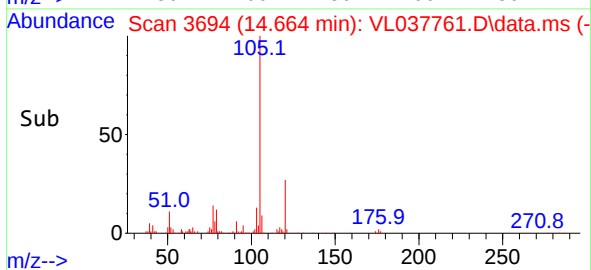
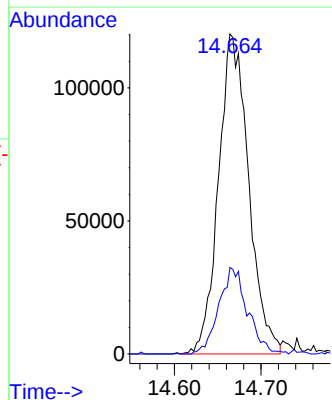
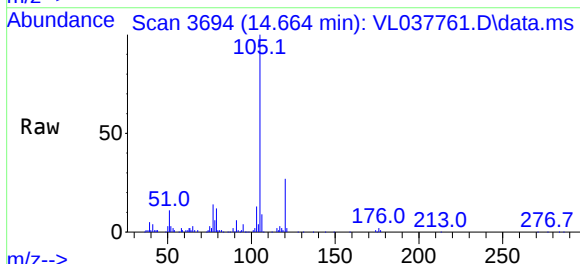
Manual Integrations
APPROVED

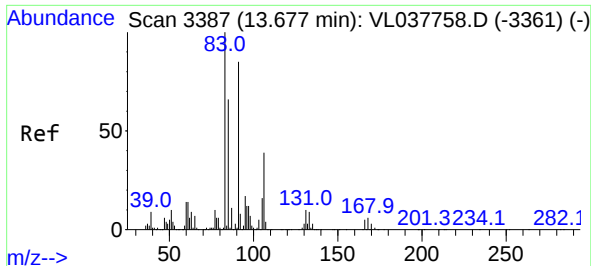
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#62
Isopropylbenzene
Concen: 0.51 ppbv
RT: 14.664 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:105 Resp: 290749
Ion Ratio Lower Upper
105 100
120 25.6 21.3 31.9





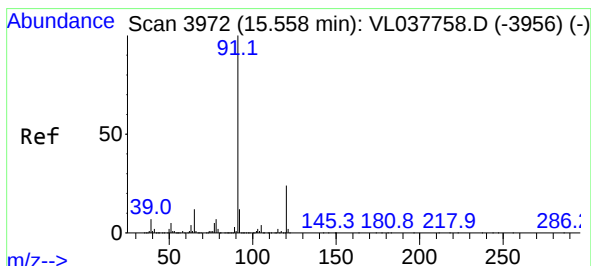
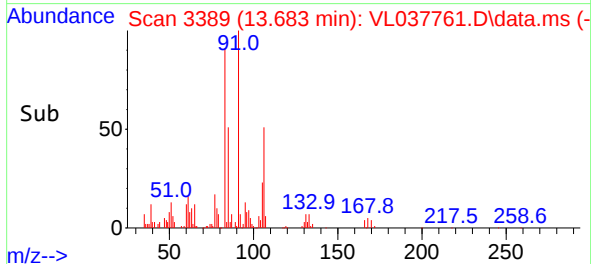
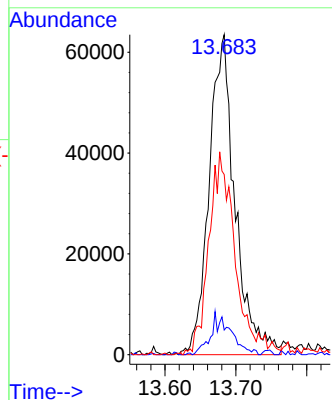
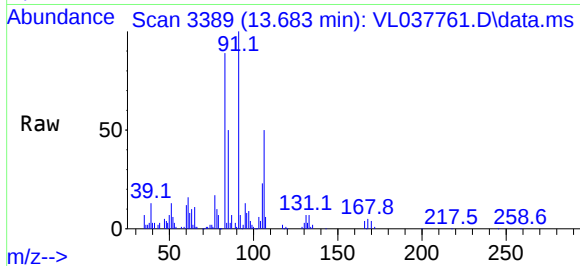
#63
1,1,2,2-Tetrachloroethane
Concen: 0.51 ppbv m
RT: 13.683 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 16174
Ion Ratio Lower Upper
83 100
131 10.9 5.0 15.0
85 65.1 33.1 99.5

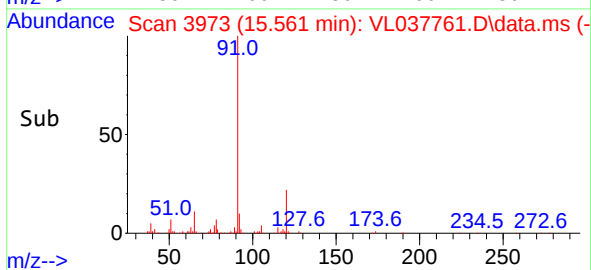
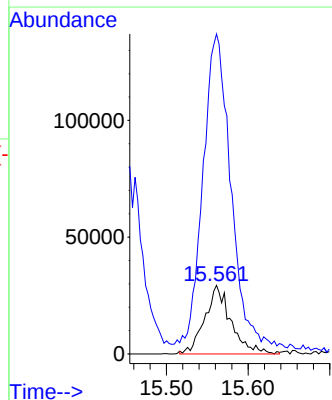
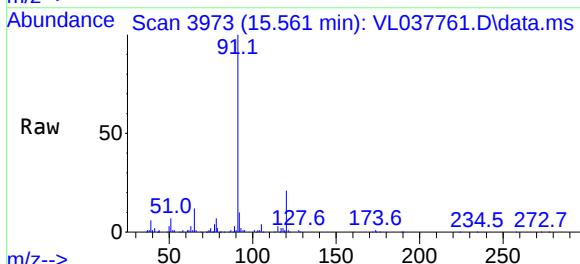
Manual Integrations
APPROVED

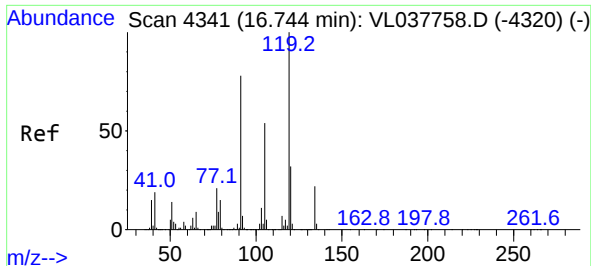
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#64
n-propylbenzene
Concen: 0.45 ppbv m
RT: 15.561 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:120 Resp: 65025
Ion Ratio Lower Upper
120 100
91 528.9 375.0 562.6





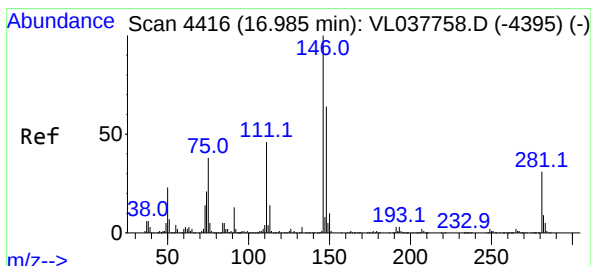
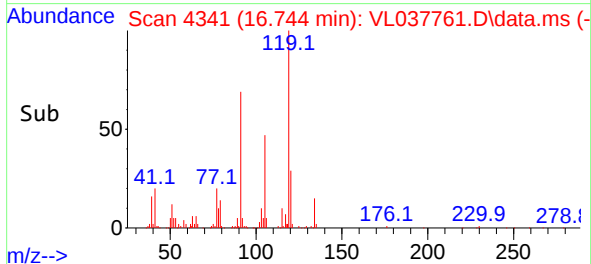
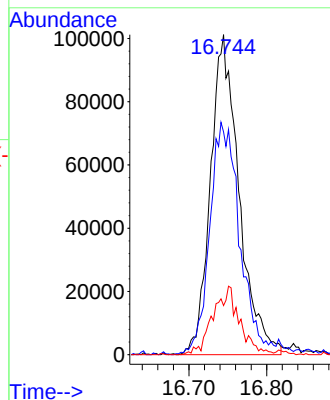
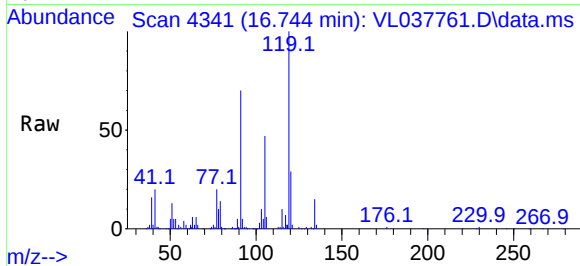
#65
tert-Butylbenzene
Concen: 0.51 ppbv m
RT: 16.744 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 25877
Ion Ratio Lower Upper
119 100
91 77.7 62.6 94.0
134 19.8 16.3 24.5

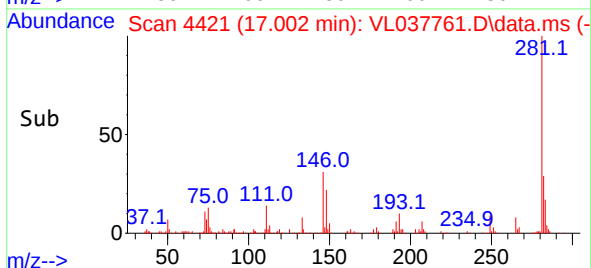
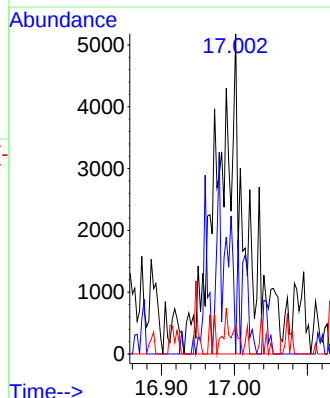
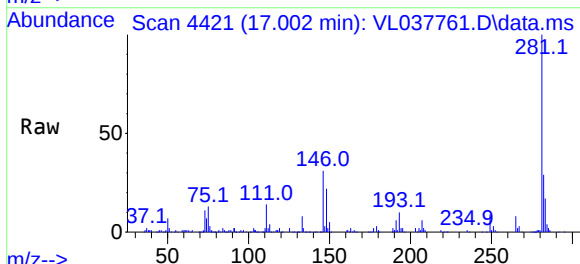
Manual Integrations
APPROVED

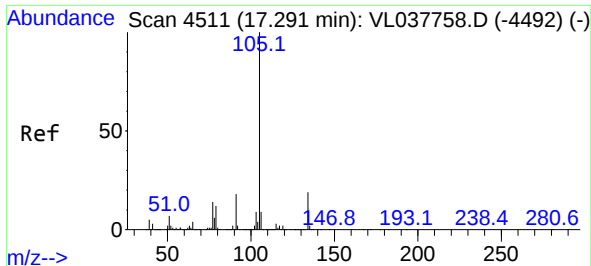
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#66
Benzyl Chloride
Concen: 0.50 ppbv m
RT: 17.002 min Scan# 4421
Delta R.T. 0.016 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

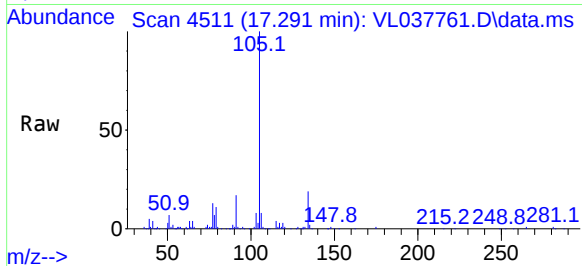
Tgt Ion: 91 Resp: 13940
Ion Ratio Lower Upper
91 100
126 0.0 0.0 0.0
128 4.5 5.3 7.9#





#67
 sec-Butylbenzene
 Concen: 0.48 ppbv
 RT: 17.291 min Scan# 4511
 Delta R.T. 0.000 min
 Lab File: VL037761.D
 Acq: 4 Oct 2021 13:33

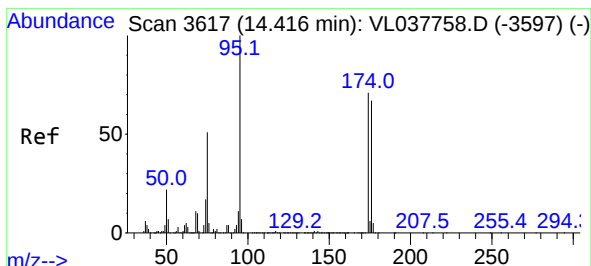
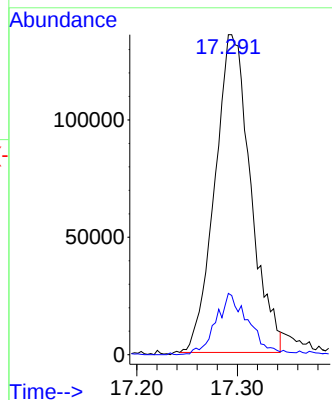
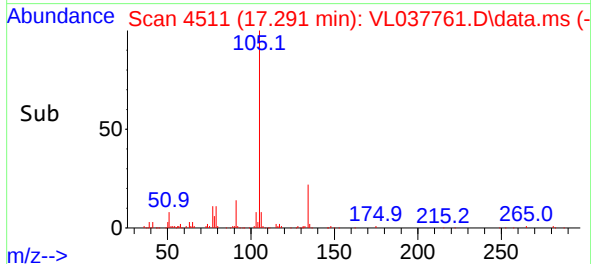
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



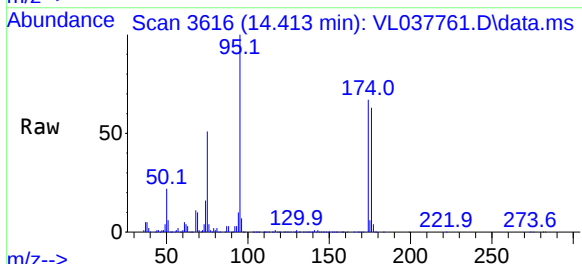
Tgt Ion:105 Resp: 33428
 Ion Ratio Lower Upper
 105 100
 134 17.7 15.4 23.0

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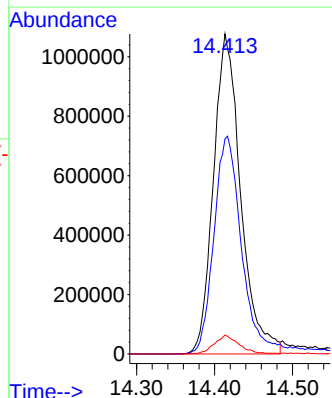
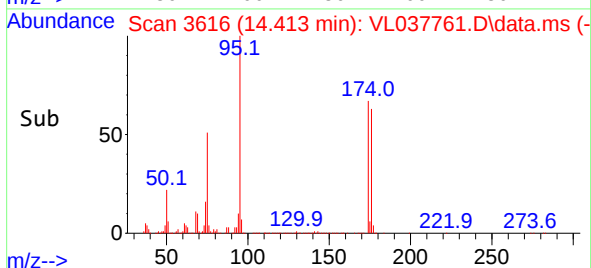
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

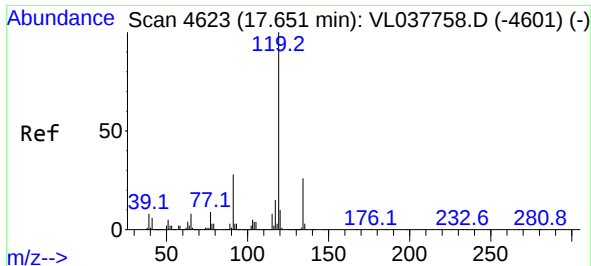


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.83 ppbv
 RT: 14.413 min Scan# 3616
 Delta R.T. -0.003 min
 Lab File: VL037761.D
 Acq: 4 Oct 2021 13:33



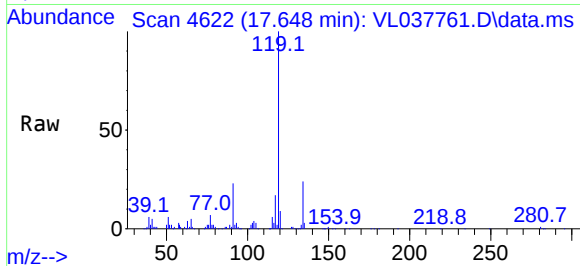
Tgt Ion: 95 Resp: 2614402
 Ion Ratio Lower Upper
 95 100
 174 72.9 57.8 86.6
 175 5.4 4.7 7.1





#69
p-Isopropyltoluene
Concen: 0.48 ppbv m
RT: 17.648 min Scan# 4622
Delta R.T. -0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

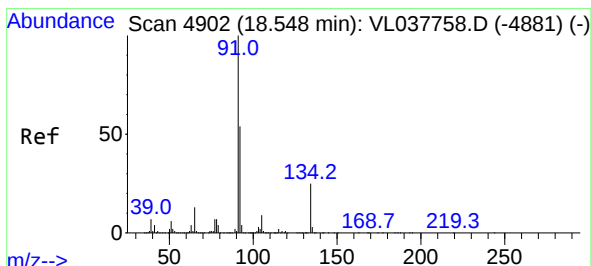
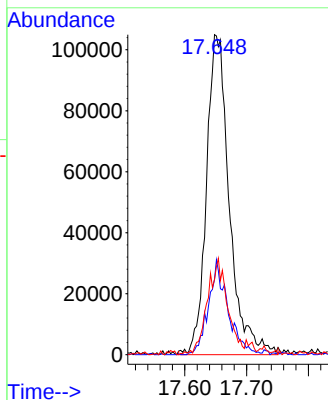
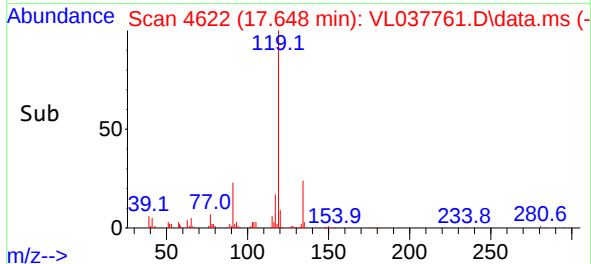
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



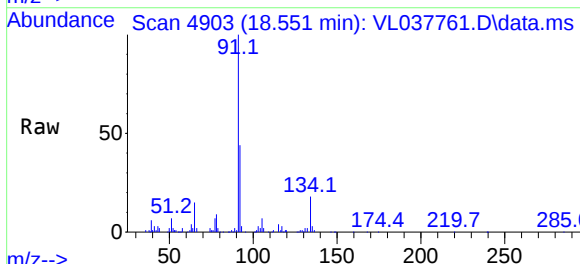
Tgt Ion:119 Resp: 26977
Ion Ratio Lower Upper
119 100
134 25.3 21.2 31.8
91 0.0 22.2 33.4

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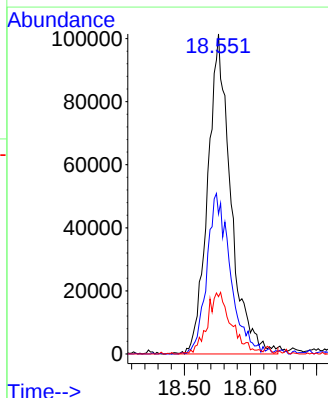
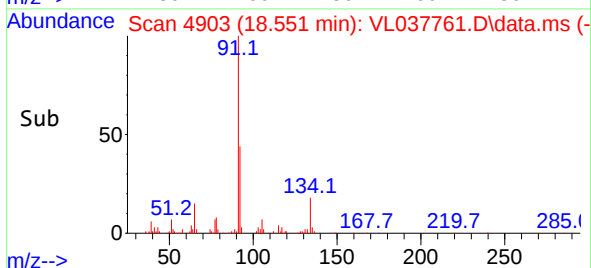
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

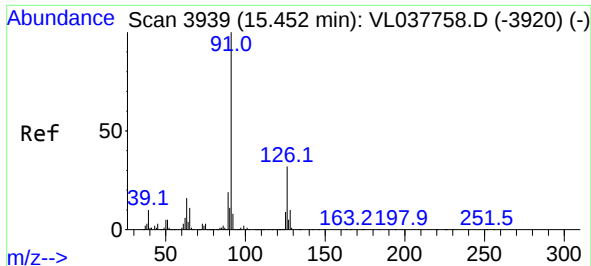


#70
n-Butylbenzene
Concen: 0.46 ppbv m
RT: 18.551 min Scan# 4903
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



Tgt Ion: 91 Resp: 246111
Ion Ratio Lower Upper
91 100
92 52.1 43.4 65.0
134 20.4 19.8 29.6





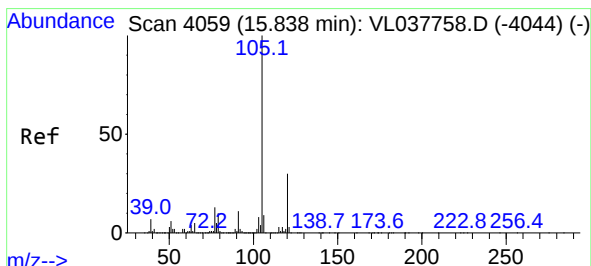
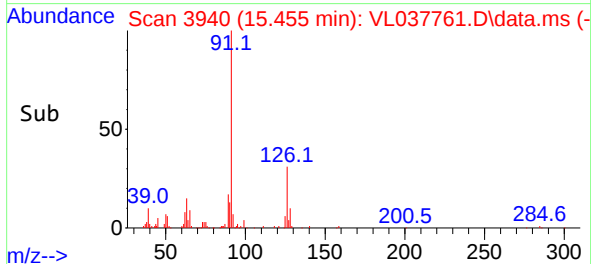
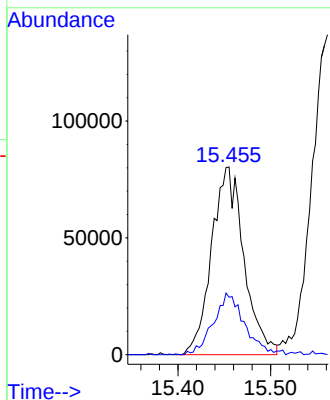
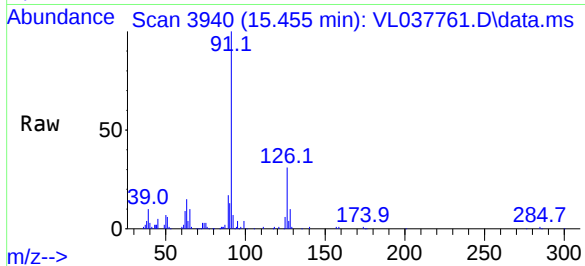
#71
2-Chlorotoluene
Concen: 0.48 ppbv m
RT: 15.455 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 194509
Ion Ratio Lower Upper
91 100
126 32.5 13.6 54.6

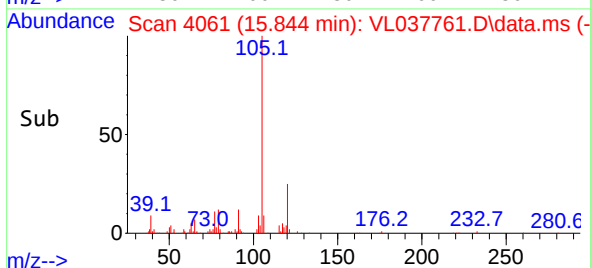
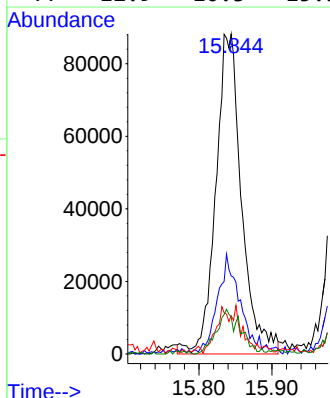
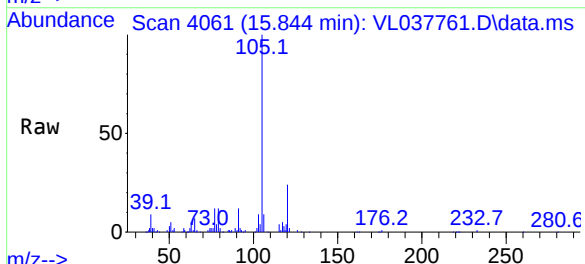
Manual Integrations
APPROVED

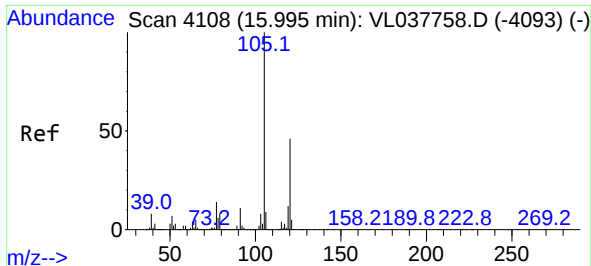
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#72
4-Ethyltoluene
Concen: 0.47 ppbv m
RT: 15.844 min Scan# 4061
Delta R.T. 0.007 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

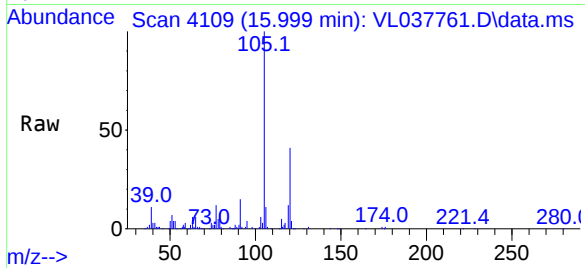
Tgt Ion:105 Resp: 217057
Ion Ratio Lower Upper
105 100
120 28.5 24.2 36.2
91 0.0 10.4 15.6#
77 12.9 10.3 15.5





#73
1,3,5-Trimethylbenzene
Concen: 0.49 ppbv m
RT: 15.999 min Scan# 4109
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

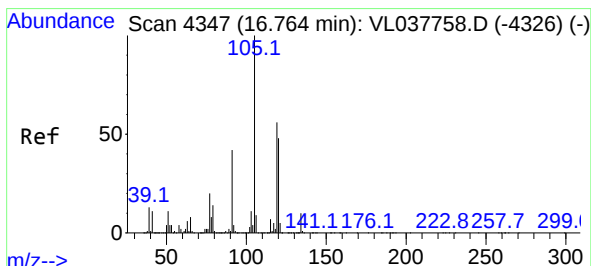
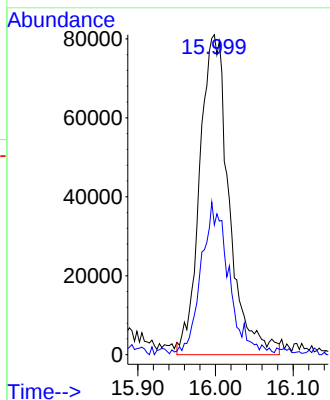
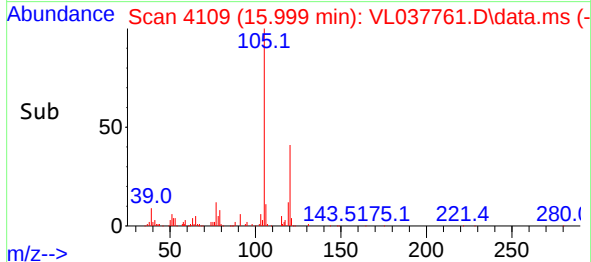
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



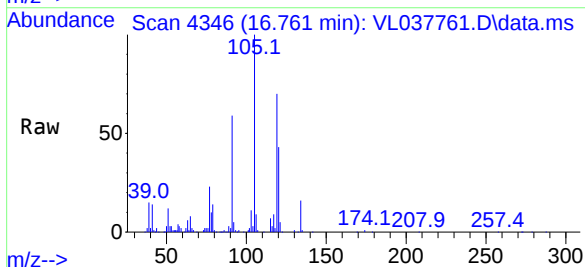
Tgt Ion:105 Resp: 21283
Ion Ratio Lower Upper
105 100
120 40.5 36.6 54.8

Manual Integrations
APPROVED

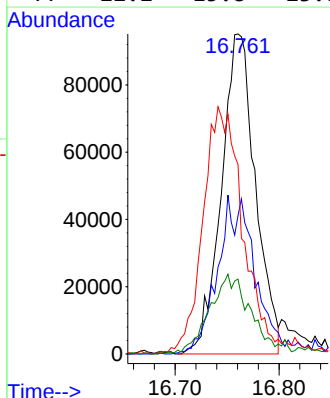
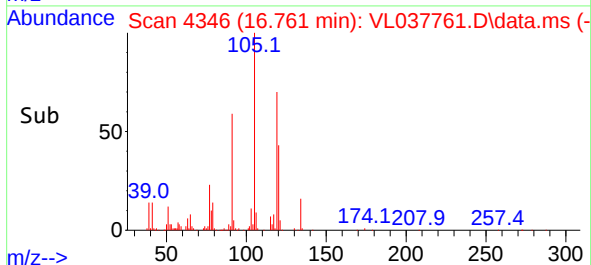
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

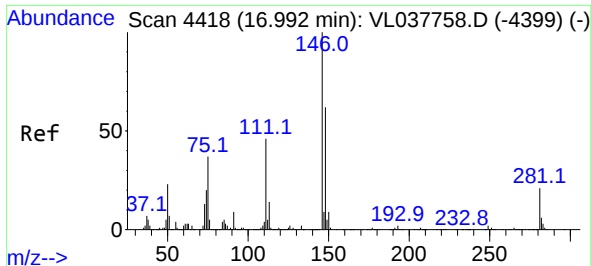


#74
1,2,4-Trimethylbenzene
Concen: 0.47 ppbv
RT: 16.761 min Scan# 4346
Delta R.T. -0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



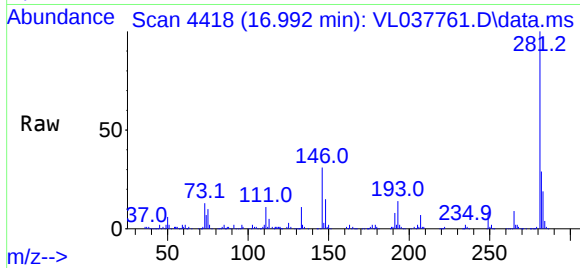
Tgt Ion:105 Resp: 216530
Ion Ratio Lower Upper
105 100
120 42.9 38.4 57.6
91 56.1 34.2 51.2#
77 22.2 15.8 23.8





#75
1,3-Dichlorobenzene
Concen: 0.50 ppbv m
RT: 16.992 min Scan# 4418
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

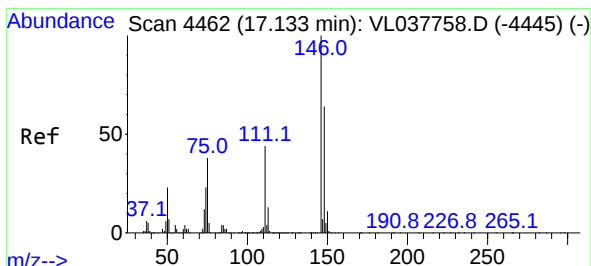
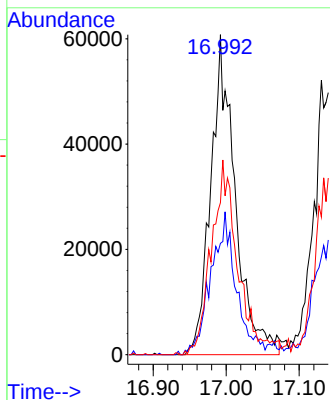
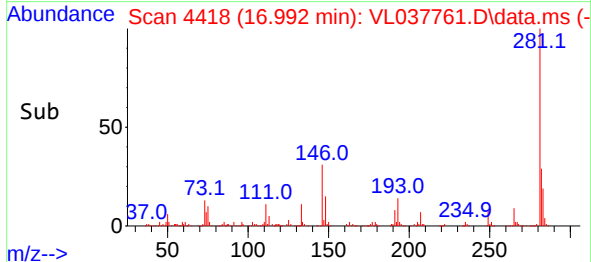
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



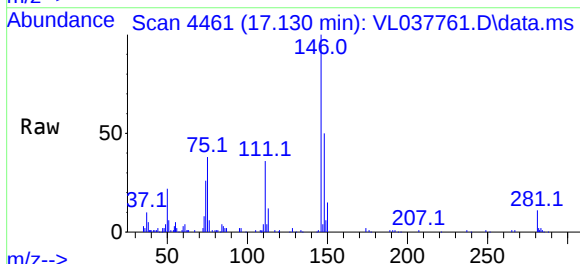
Tgt Ion:146 Resp: 14168
Ion Ratio Lower Upper
146 100
111 0.0 22.8 68.4
148 0.0 32.8 98.3

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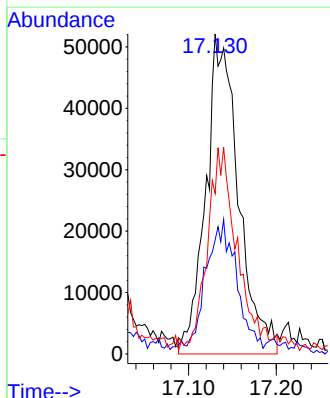
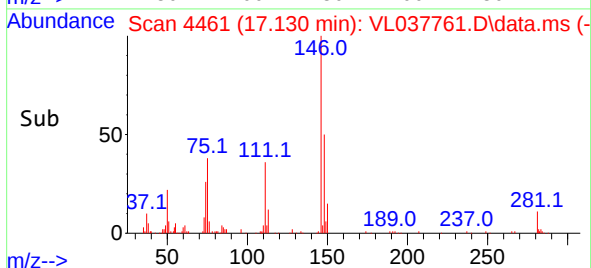
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

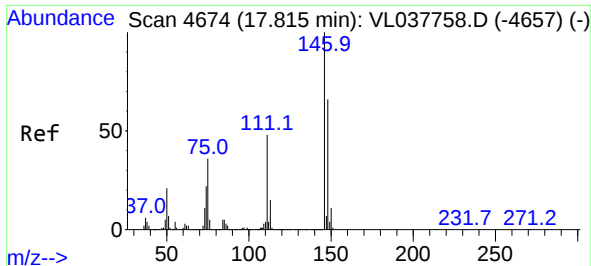


#76
1,4-Dichlorobenzene
Concen: 0.48 ppbv m
RT: 17.130 min Scan# 4461
Delta R.T. -0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



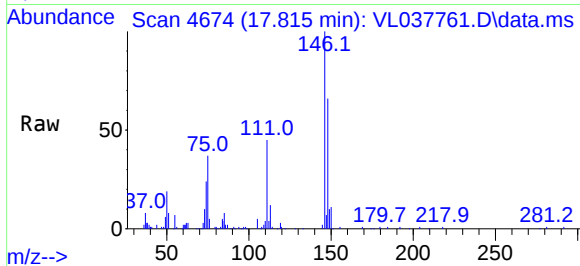
Tgt Ion:146 Resp: 134961
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.3#
148 0.0 33.3 99.9#





#77
1,2-Dichlorobenzene
Concen: 0.53 ppbv m
RT: 17.815 min Scan# 4674
Delta R.T. 0.000 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

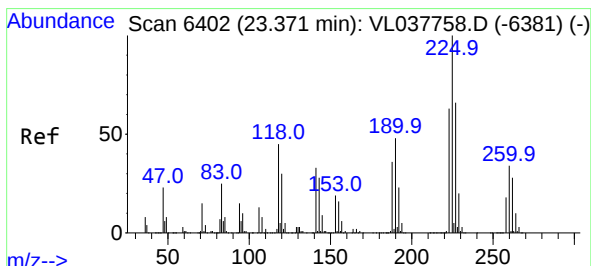
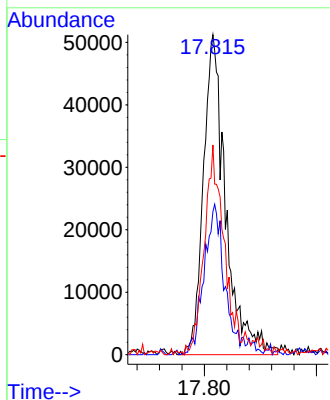
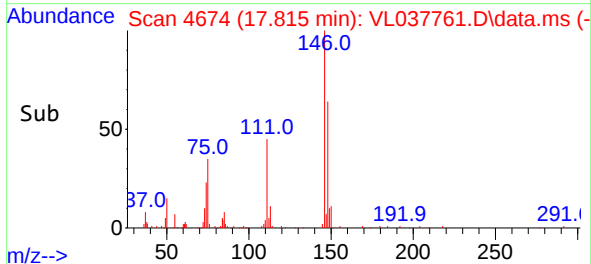
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



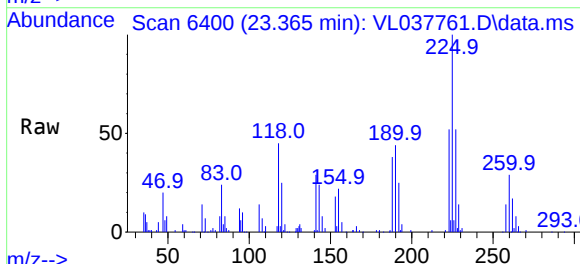
Tgt Ion:146 Resp: 141720
Ion Ratio Lower Upper
146 100
111 45.1 23.6 70.8
148 59.9 32.9 98.6

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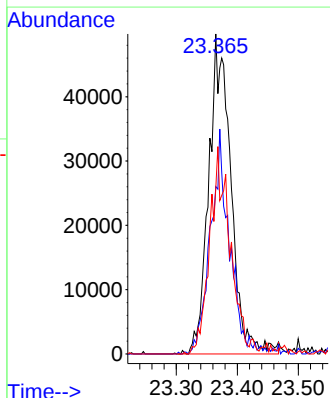
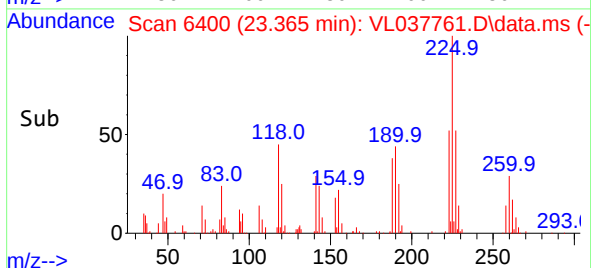
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

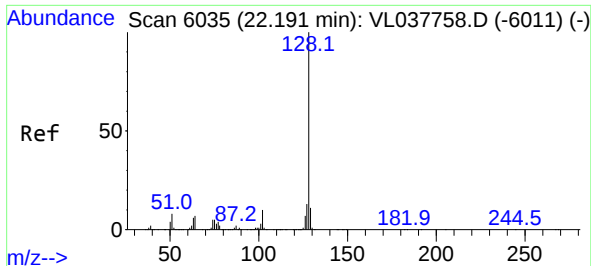


#78
Hexachloro-1,3-Butadiene
Concen: 0.55 ppbv m
RT: 23.365 min Scan# 6400
Delta R.T. -0.006 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



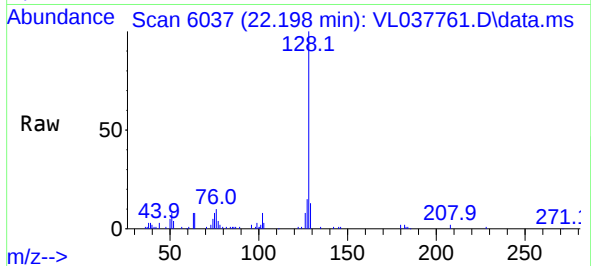
Tgt Ion:225 Resp: 125635
Ion Ratio Lower Upper
225 100
223 61.0 51.2 76.8
227 60.3 51.1 76.7





#79
Naphthalene
Concen: 0.36 ppbv m
RT: 22.198 min Scan# 6037
Delta R.T. 0.007 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

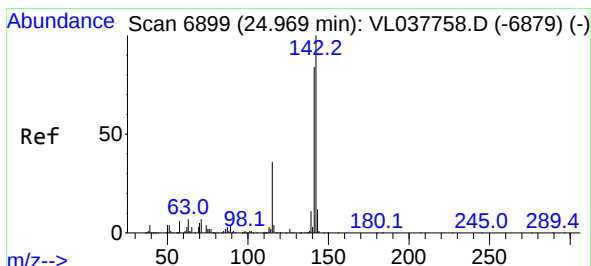
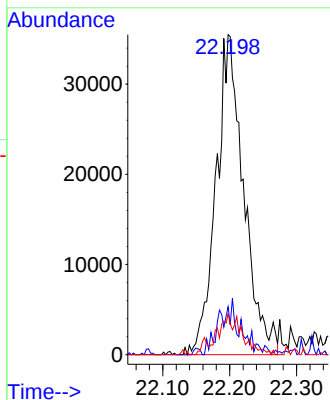
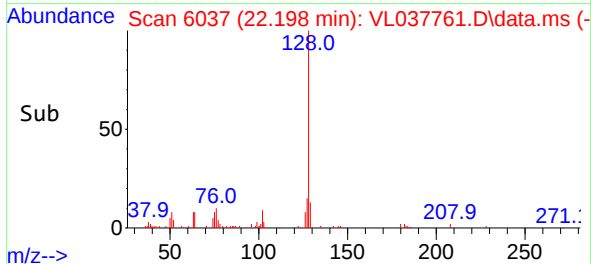
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



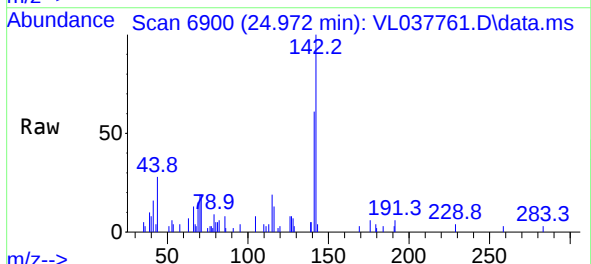
Tgt Ion:128 Resp: 102250
Ion Ratio Lower Upper
128 100
127 14.9 10.1 15.1
129 12.8 9.1 13.7

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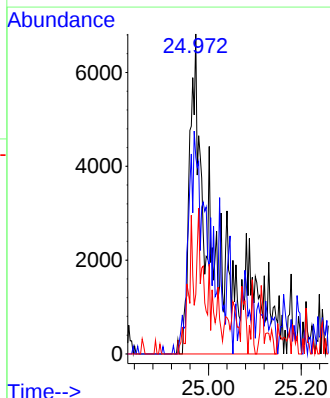
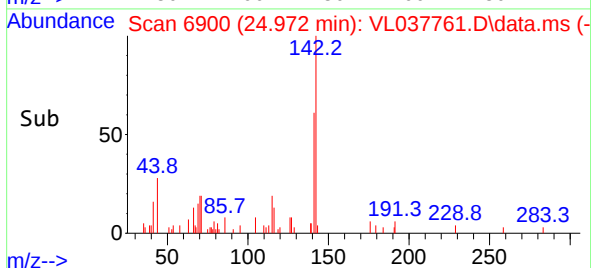
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

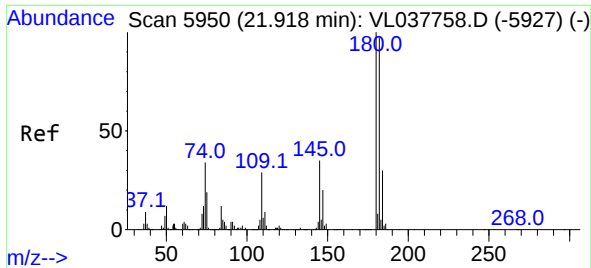


#80
Naphthalene,2-methyl-
Concen: 0.39 ppbv m
RT: 24.972 min Scan# 6900
Delta R.T. 0.003 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33



Tgt Ion:142 Resp: 25108
Ion Ratio Lower Upper
142 100
141 54.7 68.6 102.8#
115 18.3 29.0 43.6#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.43 ppbv m
 RT: 21.924 min Scan# 5950
 Delta R.T. 0.007 min
 Lab File: VL037761.D
 Acq: 4 Oct 2021 13:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:180 Resp: 7711
 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

