

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041675.D
 Acq On : 7 Nov 2024 10:55
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Nov 08 00:09:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Nov 08 00:07:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

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

Internal Standards						
1) Bromochloromethane	5.185	49	1208732	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3351063	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	3155486	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2278471	9.764	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.726	85	514444	2.355	ppbv	97
3) Chlorodifluoromethane	2.671	51	328832	2.088	ppbv	99
4) Chloromethane	2.806	50	174215	2.088	ppbv	98
5) Vinyl Chloride	2.915	62	164345	2.174	ppbv	95
6) Bromomethane	3.115	94	83930	2.108	ppbv	95
7) Chloroethane	3.192	64	56344	2.057	ppbv	95
8) Dichlorotetrafluoroethane	2.851	85	407437	2.089	ppbv	100
9) Propene	2.690	41	145858	2.125	ppbv	96
10) Heptane	7.574	43	329781	2.145	ppbv	100
11) Trichlorofluoromethane	3.558	101	404483	2.126	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.060	101	293463	2.122	ppbv	100
13) Ethanol	3.253	45	11047m	2.588	ppbv	
14) Bromoethene	3.362	108	115140	2.071	ppbv	97
15) Acetone	3.468	43	325763	2.190	ppbv	98
16) 1,3-Butadiene	2.980	39	166496	2.232	ppbv	100
17) tert-Butyl alcohol	3.880	59	250452	1.919	ppbv	100
18) 1,1-Dichloroethene	3.877	96	125850	2.075	ppbv	97
19) Isopropyl Alcohol	3.581	45	145112	2.015	ppbv	# 98
20) Methylene Chloride	3.928	84	107956	1.972	ppbv	95
21) Allyl Chloride	3.992	41	188103	2.046	ppbv	93
22) trans-1,2-Dichloroethene	4.439	96	127951	2.114	ppbv	97
23) Vinyl Acetate	4.623	43	146592	2.095	ppbv	99
24) 1,1-Dichloroethane	4.555	63	311096	2.311	ppbv	99
25) Ethyl Acetate	5.201	43	648134	2.105	ppbv	99
26) Hexane	5.205	57	247802	2.095	ppbv	93
27) Carbon Disulfide	4.121	76	275871	2.076	ppbv	# 92
28) Methyl tert-Butyl Ether	4.587	73	178647	2.345	ppbv	100
29) Chloroform	5.269	83	397794	2.037	ppbv	98
30) Cyclohexane	6.594	84	205987	2.167	ppbv	95
31) cis-1,2-Dichloroethene	5.073	61	231792	2.037	ppbv	95
32) 1,1,1-Trichloroethane	5.996	97	391289	2.186	ppbv	99
34) 2-Butanone	4.783	43	351257	2.105	ppbv	97
35) Carbon Tetrachloride	6.491	117	399871	2.257	ppbv	99
36) Benzene	6.368	78	538471	2.169	ppbv	96
37) 1,2-Dichloroethane	5.803	62	291330	2.080	ppbv	100
38) Trichloroethene	7.285	130	214170	2.237	ppbv	96
39) 1,2-Dichloropropane	7.069	63	206245	2.102	ppbv	97
40) 1,4-Dioxane	7.291	88	82194m	2.365	ppbv	
41) Tetrahydrofuran	5.561	42	206889	2.173	ppbv	99
42) Bromodichloromethane	7.243	83	411846	2.116	ppbv	100
43) Methyl Methacrylate	7.471	69	186557	2.140	ppbv	95
44) 2,2,4-Trimethylpentane	7.323	57	932386	2.217	ppbv	99
45) t-1,3-Dichloropropene	8.709	75	150360	1.929	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041675.D
 Acq On : 7 Nov 2024 10:55
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

Quant Time: Nov 08 00:09:49 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M

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

QLast Update : Fri Nov 08 00:07:44 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	234294	2.069	ppbv	98
47) 1,1,2-Trichloroethane	8.899	97	218012m	2.061	ppbv	
48) Dibromochloromethane	9.703	129	342372	2.121	ppbv	99
49) Bromoform	12.404	173	286412	2.080	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	563317	2.198	ppbv	99
51) 2-Hexanone	9.558	43	402751	2.163	ppbv	97
52) Tetrachloroethene	10.616	164	191108m	2.252	ppbv	
53) Toluene	9.220	91	564332	2.161	ppbv	100
54) 1,2-Dibromoethane	10.005	107	279460	2.262	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.507	131	279872	2.130	ppbv #	1
57) Chlorobenzene	11.519	112	500524	2.128	ppbv	98
58) Ethyl Benzene	12.085	91	777614	2.225	ppbv	96
59) m/p-Xylene	12.368	91	1403331m	4.488	ppbv	
60) o-Xylene	13.053	91	674003	2.258	ppbv	98
61) Styrene	12.892	104	262837	2.133	ppbv	98
62) Isopropylbenzene	14.024	105	1030511	2.236	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.043	83	488021	2.245	ppbv	99
64) n-propylbenzene	14.915	120	271271	2.251	ppbv	94
65) tert-Butylbenzene	16.085	119	948395	2.290	ppbv	99
66) Benzyl Chloride	16.326	91	61799m	2.072	ppbv	
67) sec-Butylbenzene	16.632	105	1349679	2.312	ppbv	99
69) p-Isopropyltoluene	16.992	119	1097205	2.324	ppbv	99
70) n-Butylbenzene	17.886	91	1109618	2.293	ppbv	99
71) 2-Chlorotoluene	14.796	91	745884	2.238	ppbv	100
72) 4-Ethyltoluene	15.188	105	777952	2.244	ppbv	100
73) 1,3,5-Trimethylbenzene	15.346	105	691387	2.274	ppbv	93
74) 1,2,4-Trimethylbenzene	16.101	105	796450	2.252	ppbv	96
75) 1,3-Dichlorobenzene	16.329	146	473241	2.167	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	448788	2.091	ppbv	97
77) 1,2-Dichlorobenzene	17.140	146	466190	2.149	ppbv	98
78) Hexachloro-1,3-Butadiene	22.628	225	367865	2.144	ppbv	99
79) Naphthalene	21.387	128	538842	2.478	ppbv	97
80) Naphthalene,2-methyl-	24.381	142	101409	2.513	ppbv	96
81) 1,2,4-Trichlorobenzene	21.143	180	287687	2.127	ppbv	99

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

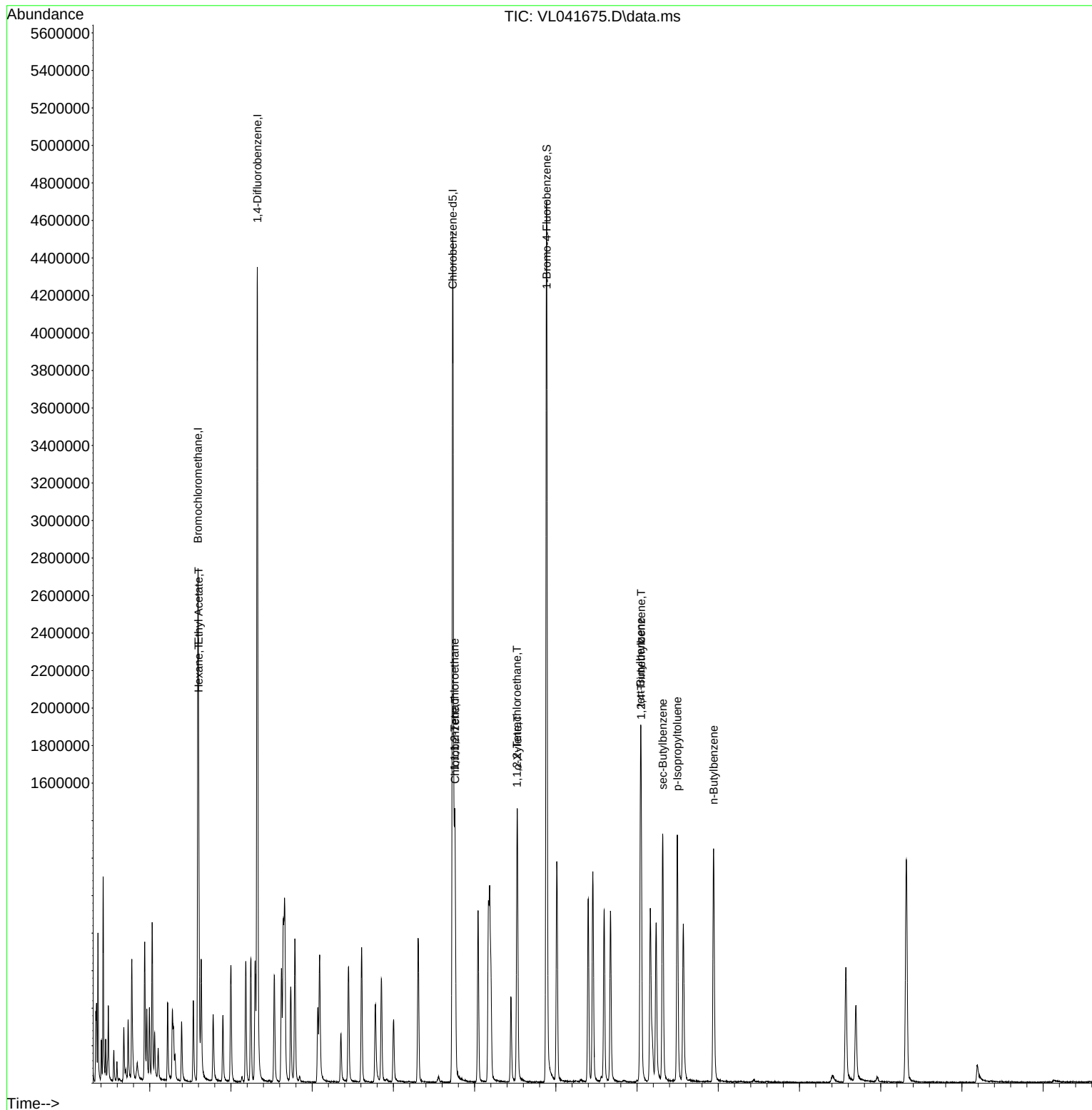
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
Data File : VL041675.D
Acq On : 7 Nov 2024 10:55
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

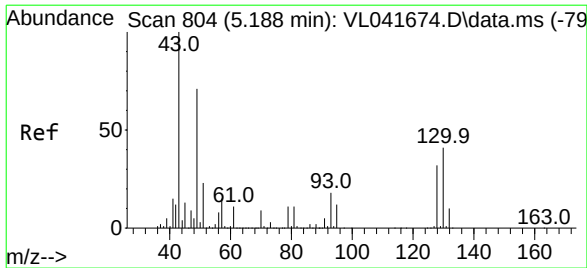
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

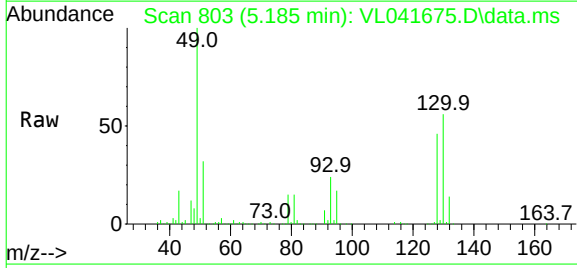
Quant Time: Nov 08 00:09:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Nov 08 00:07:44 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

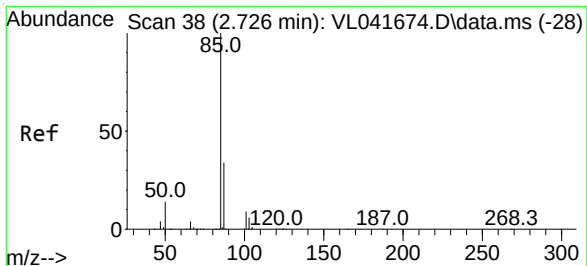
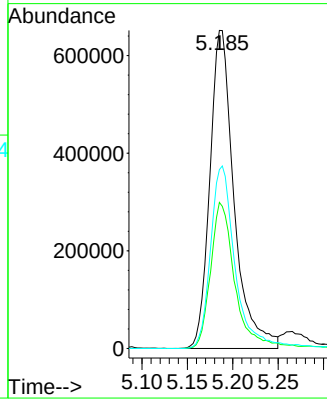
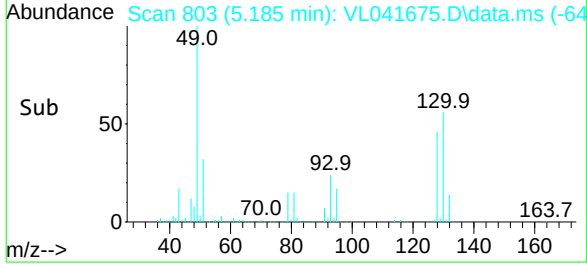
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 49 Resp: 1208732
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.2
130 59.8 30.1 90.5

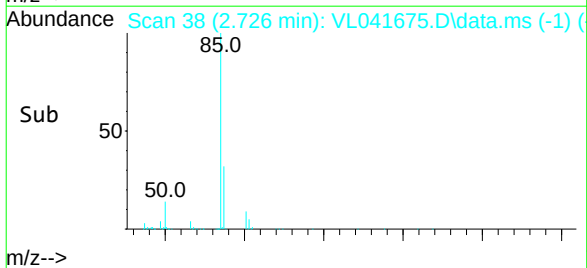
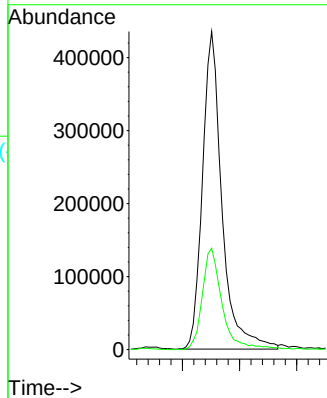
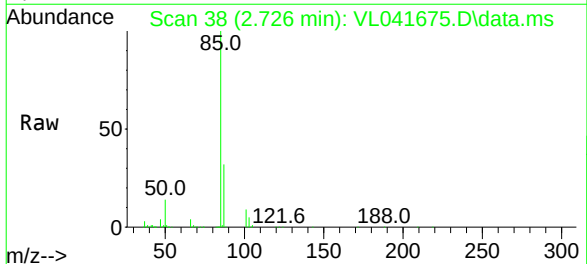
Manual Integrations
APPROVED

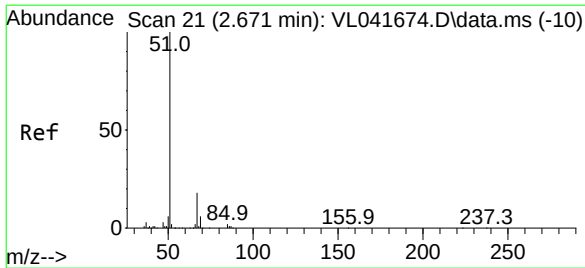
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#2
Dichlorodifluoromethane
Concen: 2.355 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

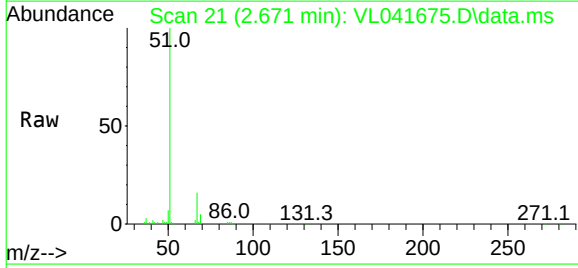
Tgt Ion: 85 Resp: 514444
Ion Ratio Lower Upper
85 100
87 31.9 26.8 40.2





#3
Chlorodifluoromethane
Concen: 2.088 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

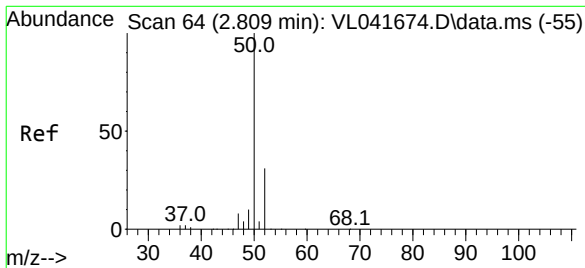
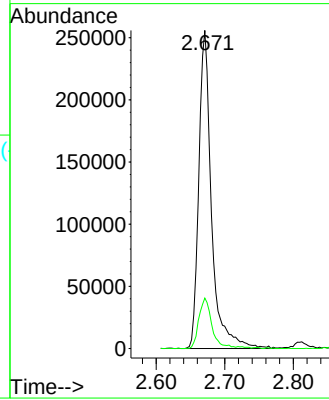
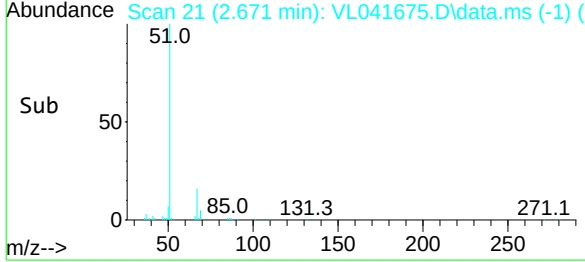
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 51 Resp: 328832
Ion Ratio Lower Upper
51 100
67 16.9 13.9 20.9

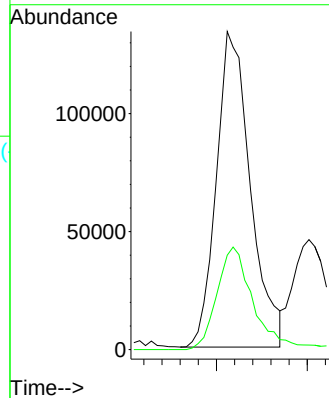
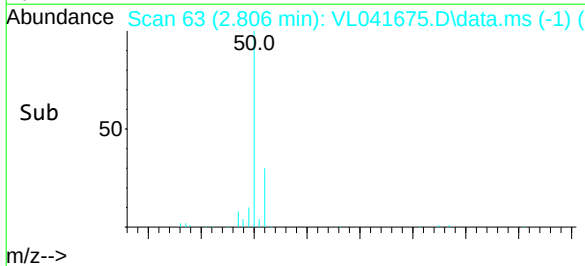
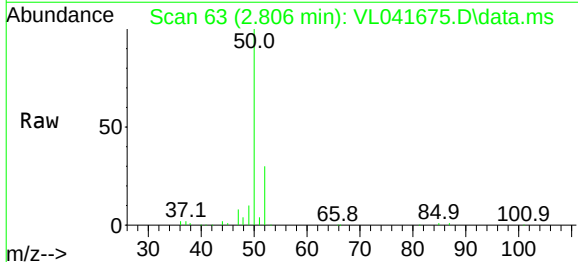
Manual Integrations
APPROVED

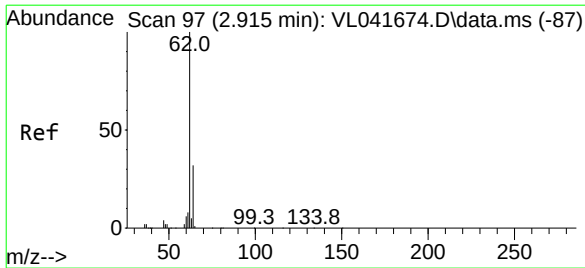
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#4
Chloromethane
Concen: 2.088 ppbv
RT: 2.806 min Scan# 63
Delta R.T. -0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Tgt Ion: 50 Resp: 174215
Ion Ratio Lower Upper
50 100
52 29.9 24.9 37.3





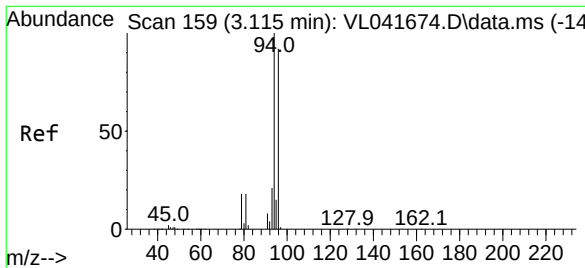
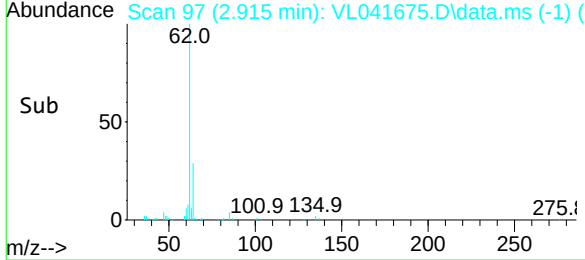
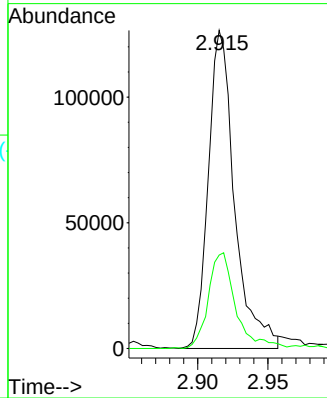
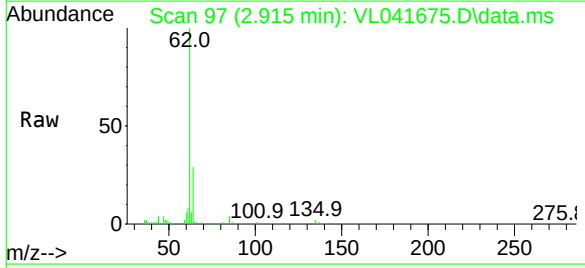
#5
 Vinyl Chloride
 Concen: 2.174 ppbv
 RT: 2.915 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VL041675.D
 Acq: 7 Nov 2024 10:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 62 Resp: 164345
 Ion Ratio Lower Upper
 62 100
 64 29.2 25.4 38.2

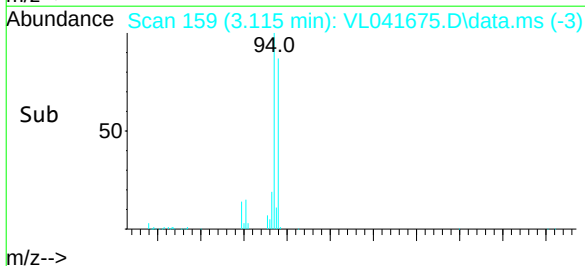
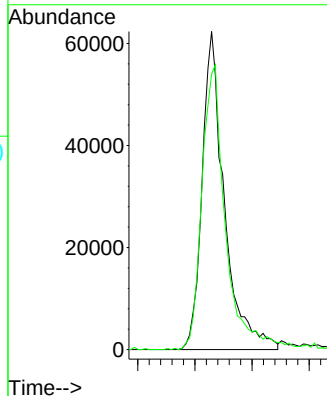
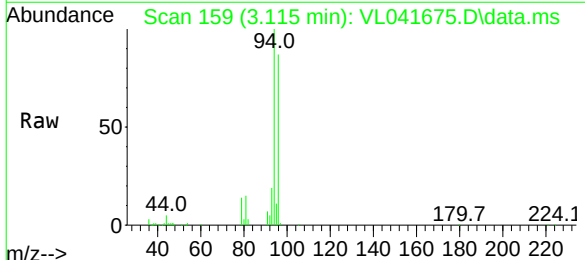
Manual Integrations
 APPROVED

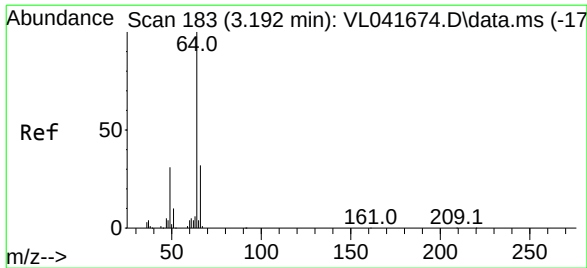
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#6
 Bromomethane
 Concen: 2.108 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.000 min
 Lab File: VL041675.D
 Acq: 7 Nov 2024 10:55

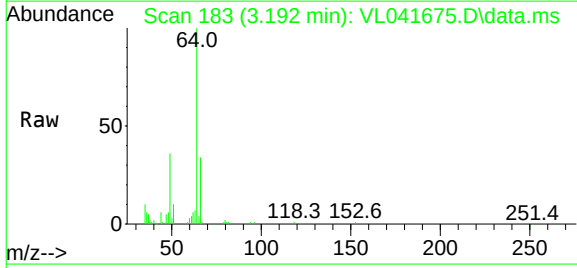
Tgt Ion: 94 Resp: 83930
 Ion Ratio Lower Upper
 94 100
 96 86.6 73.4 110.2





#7
Chloroethane
Concen: 2.057 ppbv
RT: 3.192 min Scan# 183
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

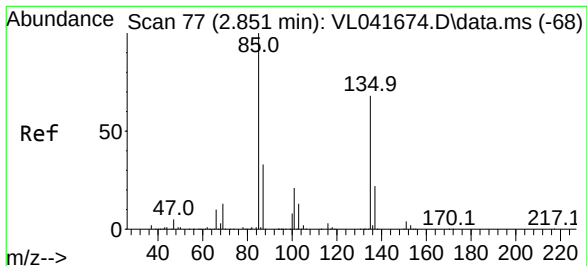
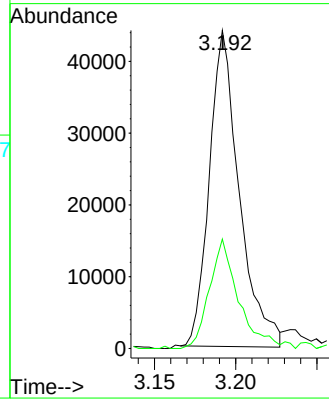
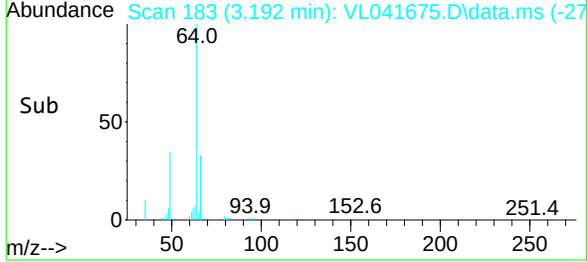
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 64 Resp: 56344
Ion Ratio Lower Upper
64 100
66 35.0 25.9 38.9

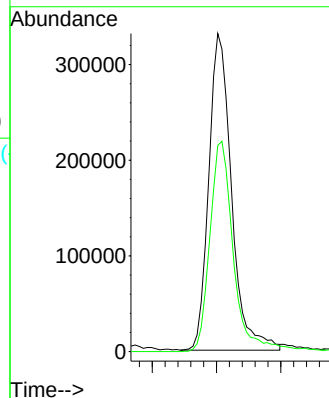
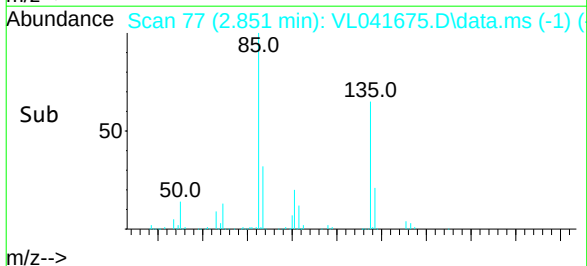
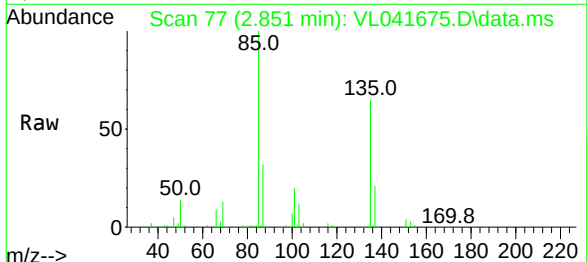
Manual Integrations
APPROVED

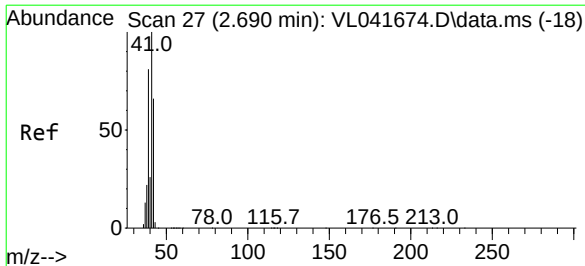
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#8
Dichlorotetrafluoroethane
Concen: 2.089 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Tgt Ion: 85 Resp: 407437
Ion Ratio Lower Upper
85 100
135 69.7 55.5 83.3





#9

Propene

Concen: 2.125 ppbv

RT: 2.690 min Scan# 27

Delta R.T. 0.000 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 145858

Ion Ratio Lower Upper

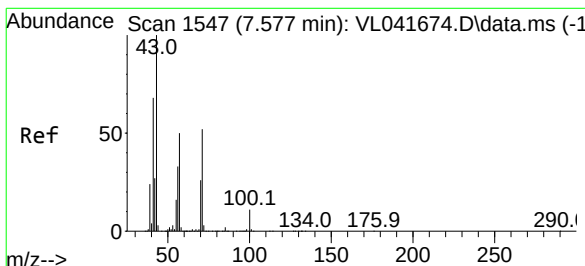
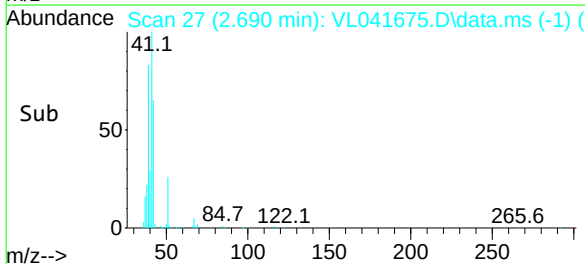
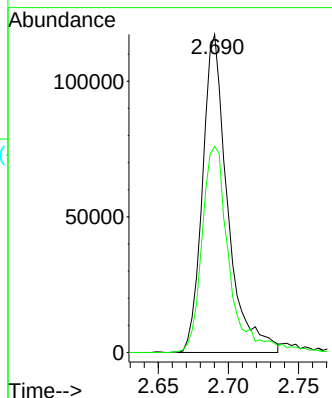
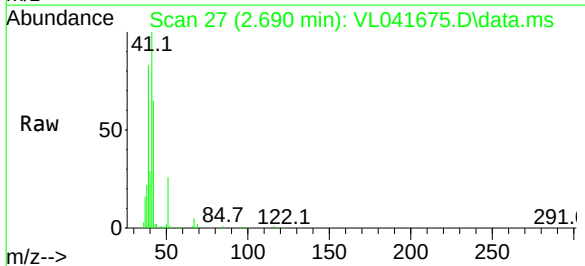
41 100

42 71.6 55.0 82.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#10

Heptane

Concen: 2.145 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. -0.003 min

Lab File: VL041675.D

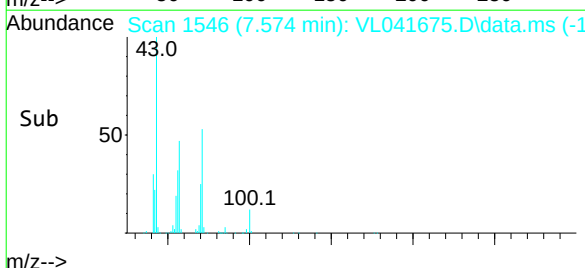
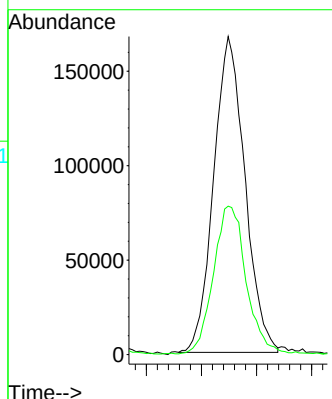
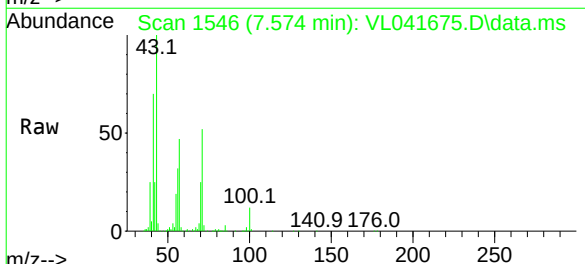
Acq: 7 Nov 2024 10:55

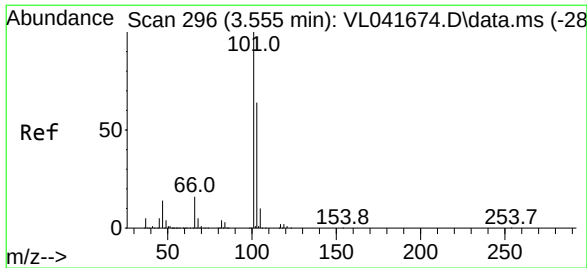
Tgt Ion: 43 Resp: 329781

Ion Ratio Lower Upper

43 100

57 50.1 40.0 60.0





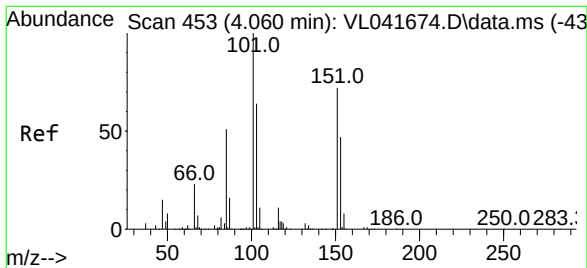
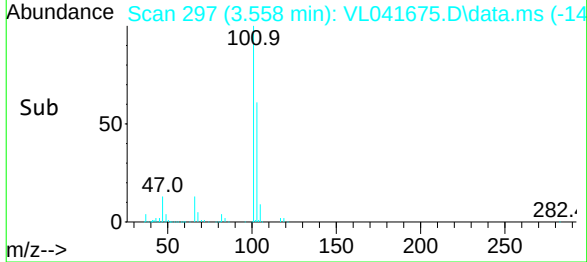
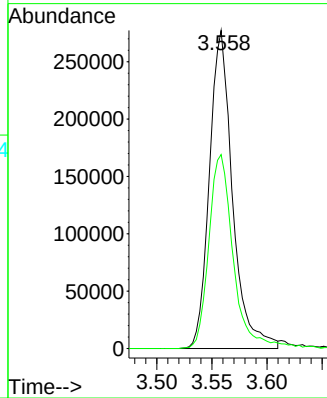
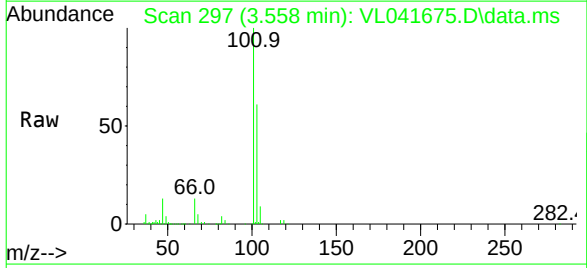
#11
Trichlorofluoromethane
Concen: 2.126 ppbv
RT: 3.558 min Scan# 296
Delta R.T. 0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:101 Resp: 404483
Ion Ratio Lower Upper
101 100
103 61.0 51.0 76.6

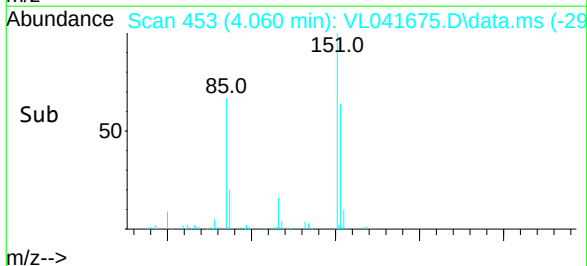
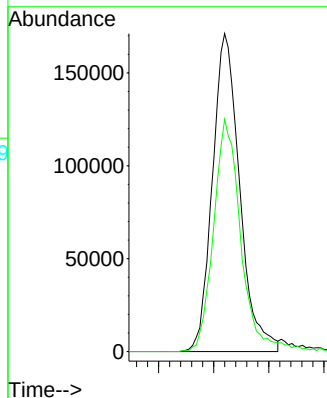
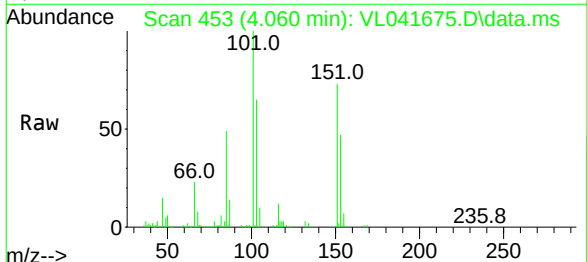
Manual Integrations
APPROVED

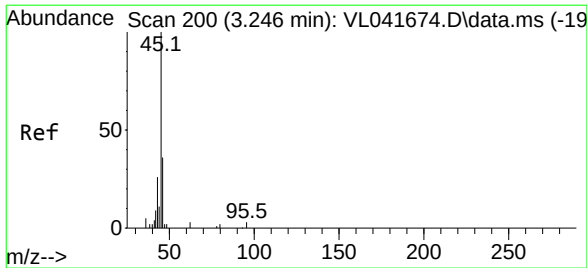
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.122 ppbv
RT: 4.060 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

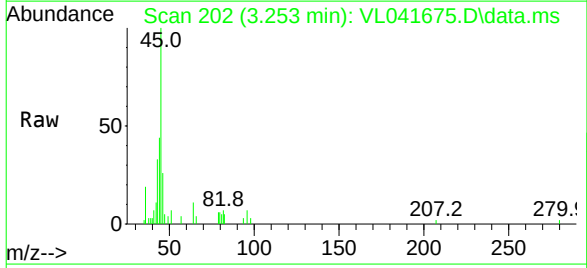
Tgt Ion:101 Resp: 293463
Ion Ratio Lower Upper
101 100
151 74.0 59.1 88.7





#13
Ethanol
Concen: 2.588 ppbv m
RT: 3.253 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

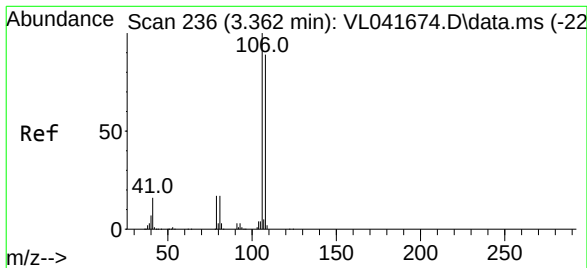
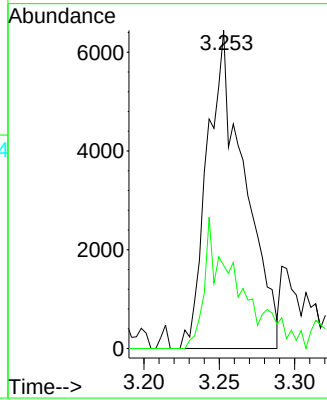
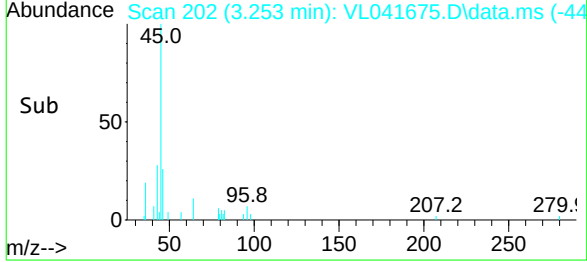
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 45 Resp: 11047
Ion Ratio Lower Upper
45 100
46 38.5 13.8 55.2

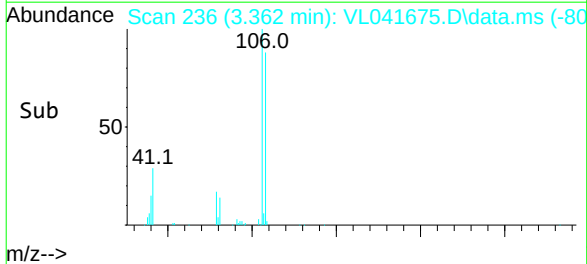
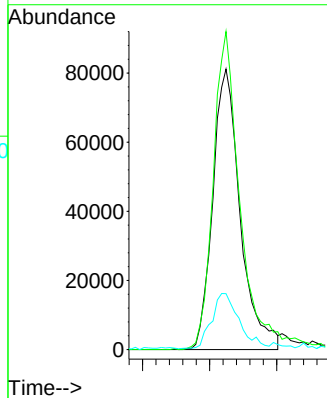
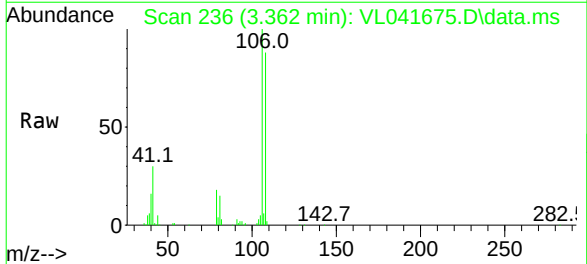
Manual Integrations
APPROVED

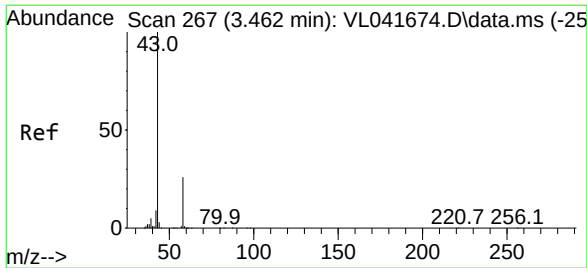
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#14
Bromoethene
Concen: 2.071 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Tgt Ion:108 Resp: 115140
Ion Ratio Lower Upper
108 100
106 114.3 88.6 133.0
79 21.5 15.6 23.4





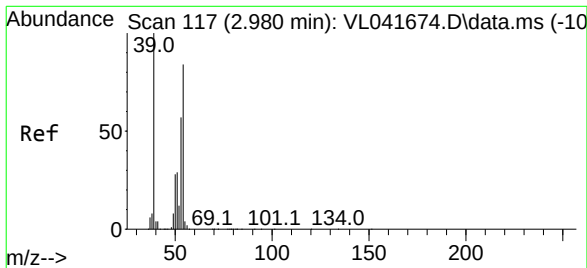
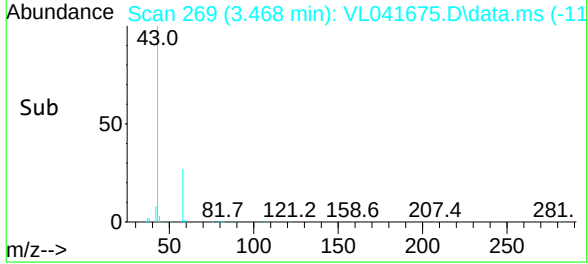
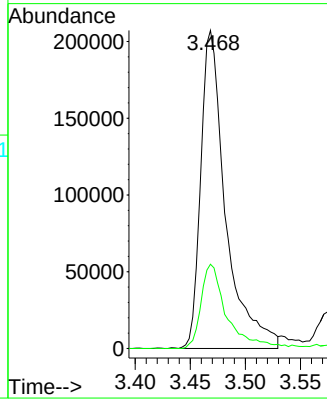
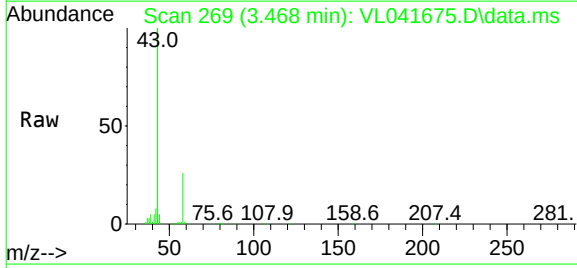
#15
Acetone
Concen: 2.190 ppbv
RT: 3.468 min Scan# 267
Delta R.T. 0.006 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 325763
Ion Ratio Lower Upper
43 100
58 27.9 21.4 32.0

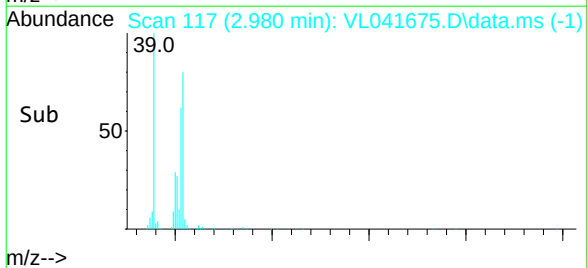
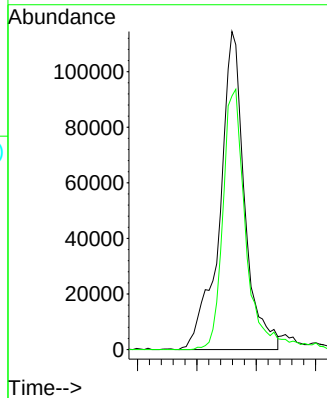
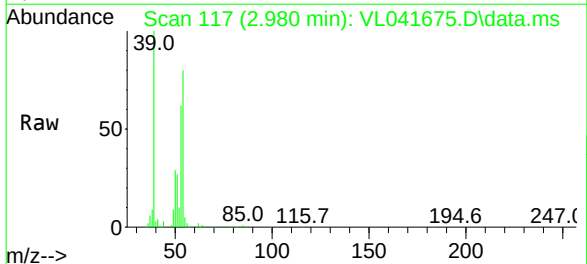
Manual Integrations
APPROVED

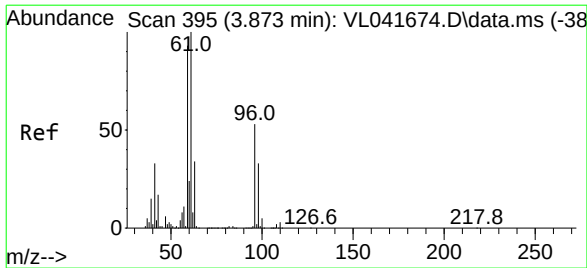
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#16
1,3-Butadiene
Concen: 2.232 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

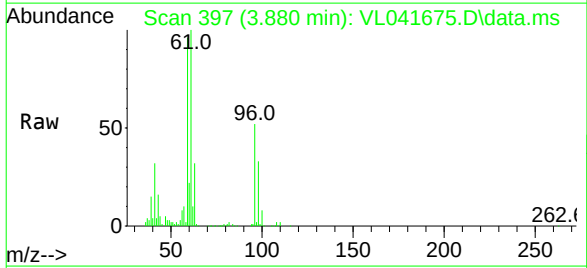
Tgt Ion: 39 Resp: 166496
Ion Ratio Lower Upper
39 100
54 76.8 61.3 91.9





#17
tert-Butyl alcohol
Concen: 1.919 ppbv
RT: 3.880 min Scan# 395
Delta R.T. 0.006 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

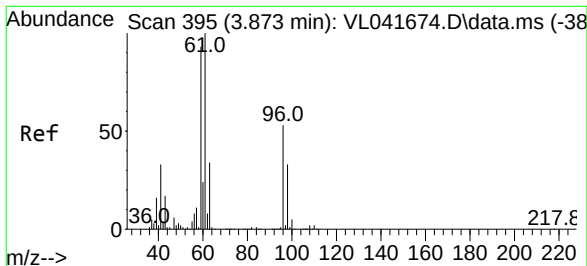
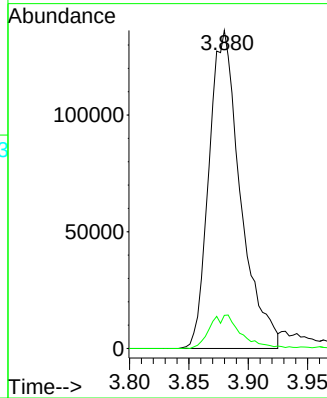
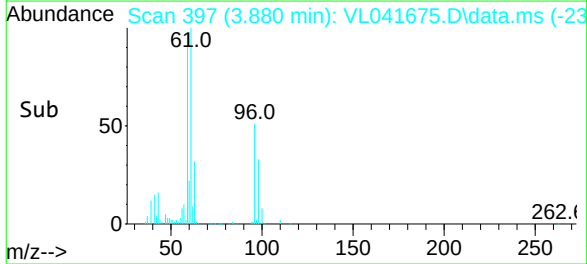
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



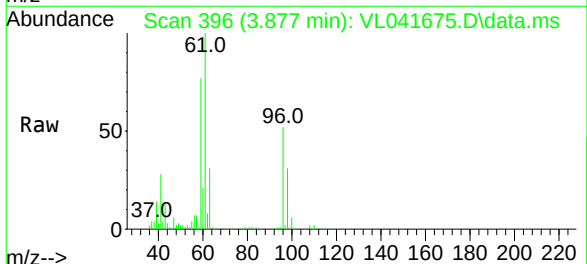
Tgt Ion: 59 Resp: 250452
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
APPROVED

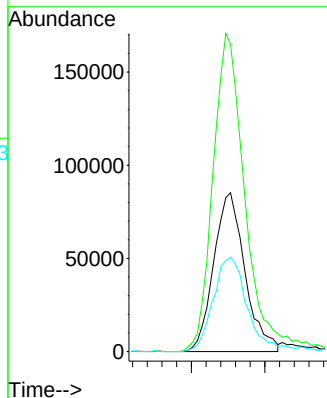
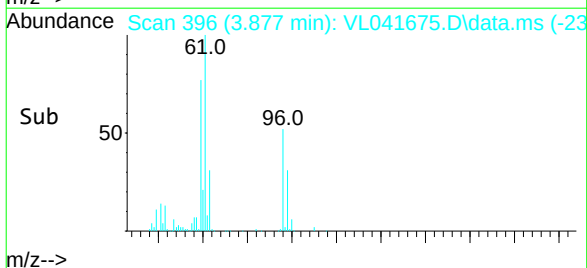
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

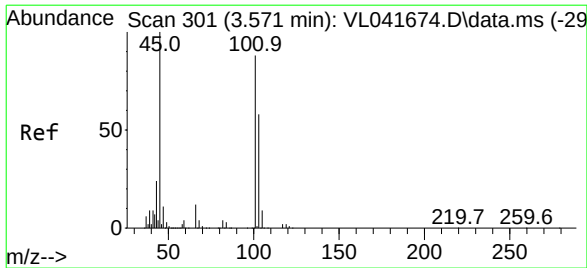


#18
1,1-Dichloroethene
Concen: 2.075 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55



Tgt Ion: 96 Resp: 125850
Ion Ratio Lower Upper
96 100
61 193.5 150.7 226.1
98 59.4 49.4 74.2





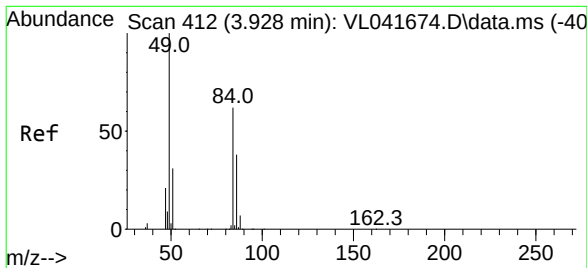
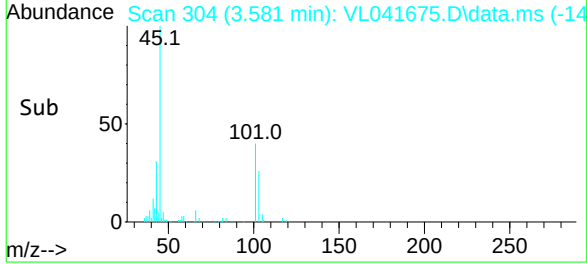
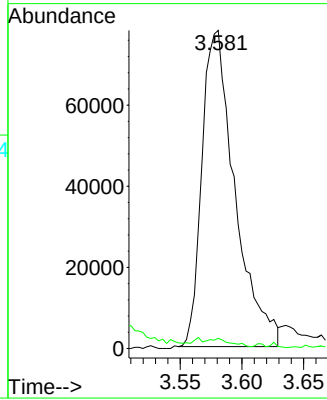
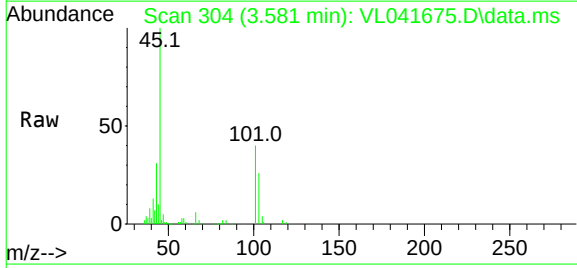
#19
Isopropyl Alcohol
Concen: 2.015 ppbv
RT: 3.581 min Scan# 301
Delta R.T. 0.010 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 145112
Ion Ratio Lower Upper
45 100
58 3.8 2.5 3.7#

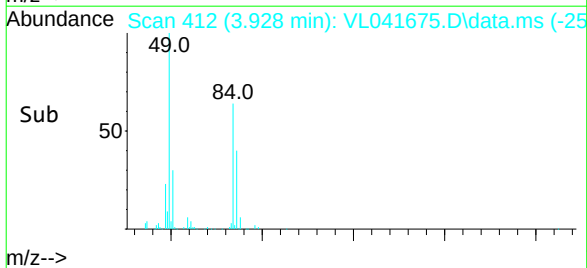
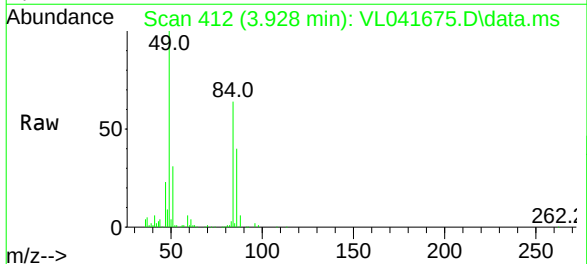
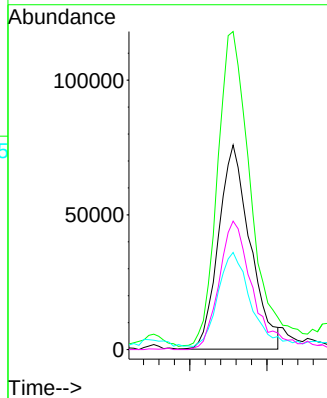
Manual Integrations
APPROVED

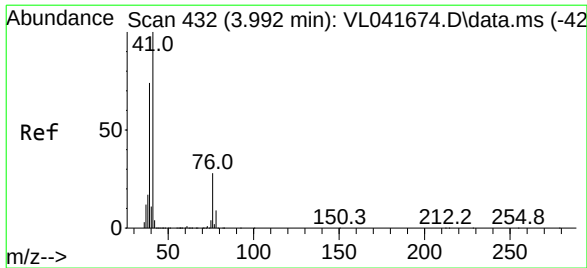
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#20
Methylene Chloride
Concen: 1.972 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Tgt Ion: 84 Resp: 107956
Ion Ratio Lower Upper
84 100
49 154.2 129.7 194.5
51 45.1 39.8 59.6
86 62.9 49.1 73.7





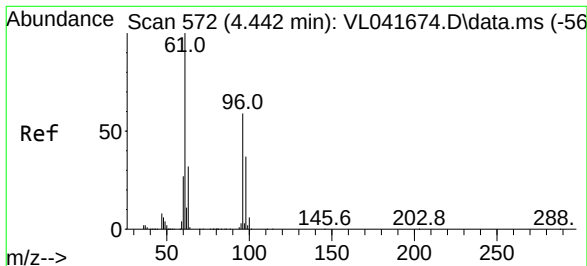
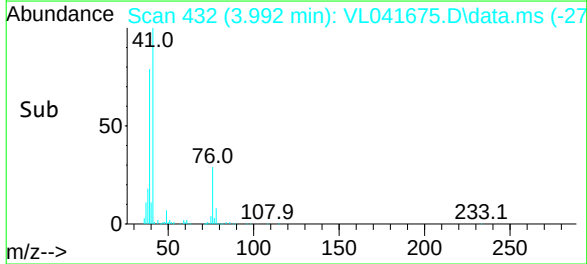
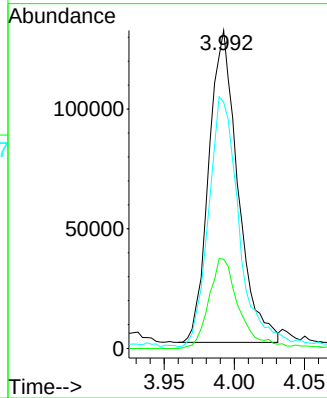
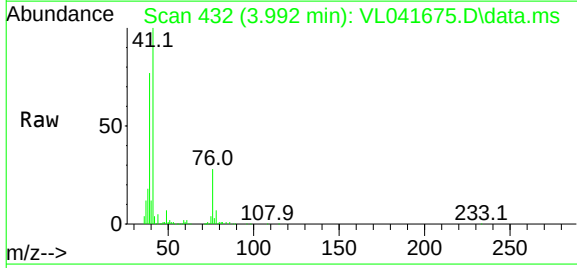
#21
 Allyl Chloride
 Concen: 2.046 ppbv
 RT: 3.992 min Scan# 432
 Delta R.T. 0.000 min
 Lab File: VL041675.D
 Acq: 7 Nov 2024 10:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 41 Resp: 188103
 Ion Ratio Lower Upper
 41 100
 76 30.7 23.5 35.3
 39 86.5 63.0 94.4

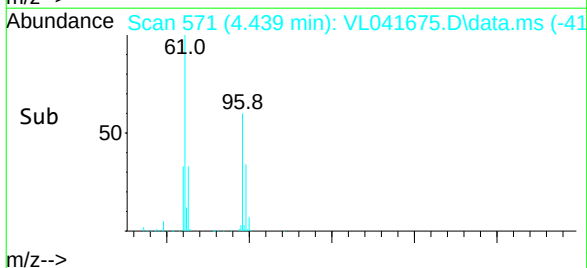
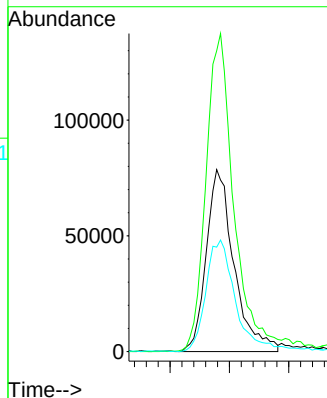
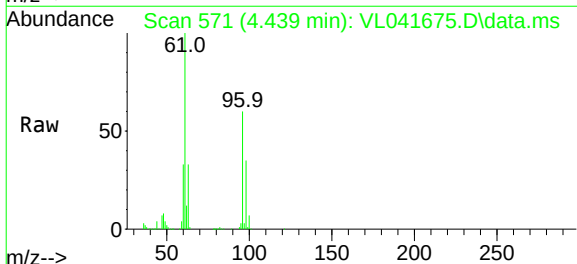
Manual Integrations
 APPROVED

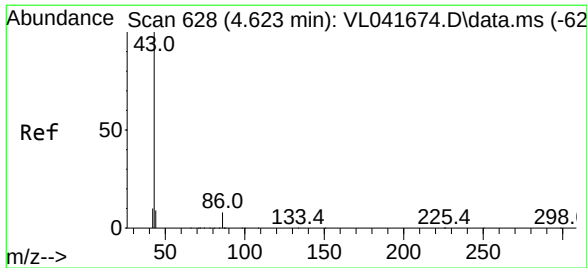
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 2.114 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. -0.003 min
 Lab File: VL041675.D
 Acq: 7 Nov 2024 10:55

Tgt Ion: 96 Resp: 127951
 Ion Ratio Lower Upper
 96 100
 61 164.9 134.5 201.7
 98 57.4 49.6 74.4





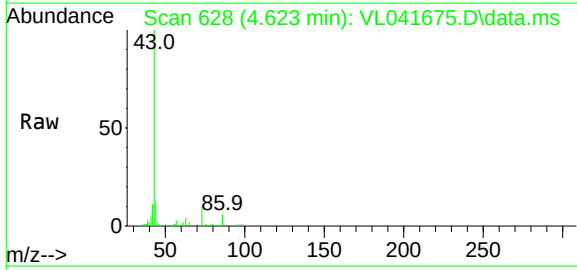
#23
 Vinyl Acetate
 Concen: 2.095 ppbv
 RT: 4.623 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VL041675.D
 Acq: 7 Nov 2024 10:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

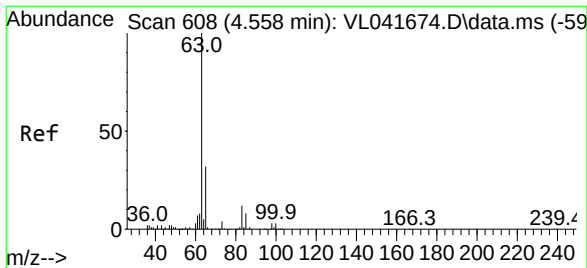
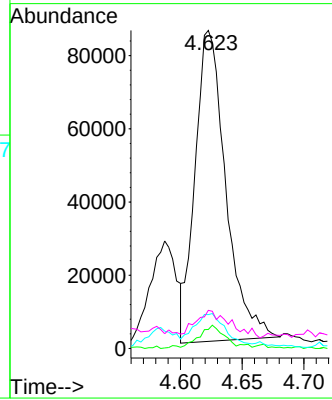
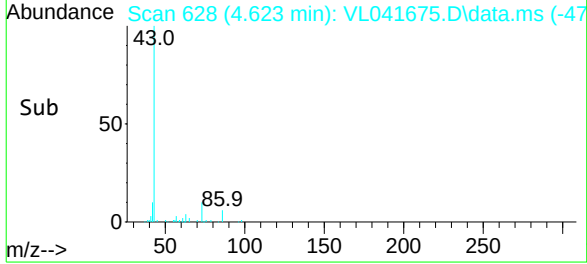


Tgt Ion: 43 Resp: 146592
 Ion Ratio Lower Upper
 43 100
 86 5.8 5.3 7.9
 42 10.1 8.5 12.7
 44 8.2 6.7 10.1

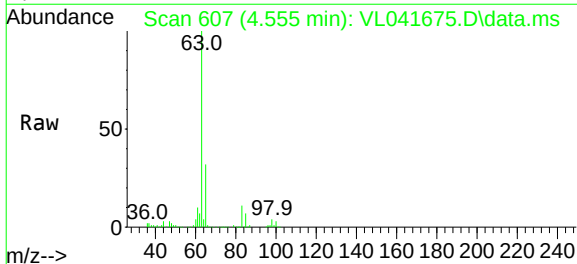
Manual Integrations

APPROVED

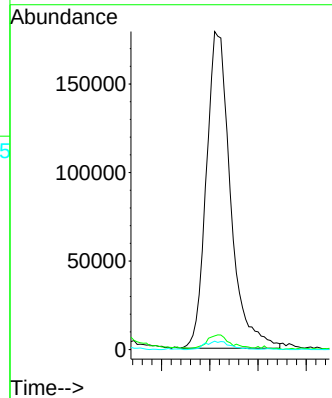
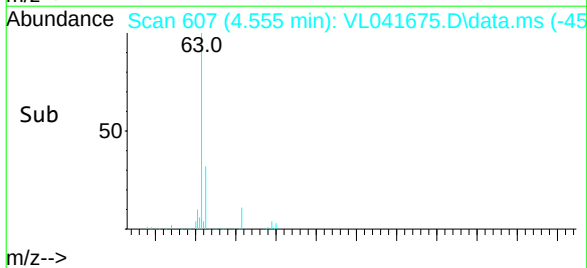
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

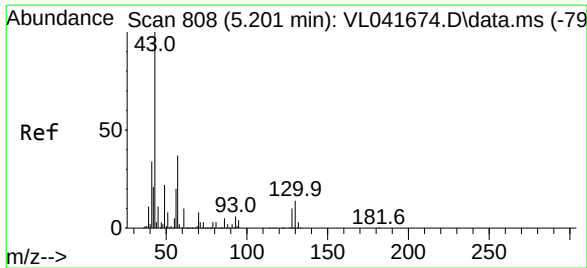


#24
 1,1-Dichloroethane
 Concen: 2.311 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.003 min
 Lab File: VL041675.D
 Acq: 7 Nov 2024 10:55



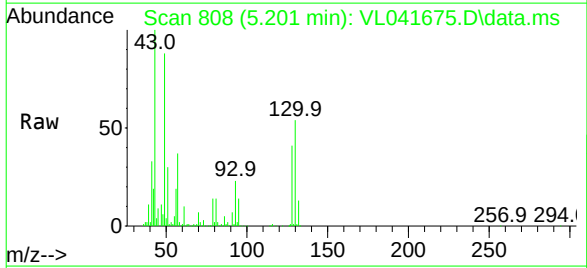
Tgt Ion: 63 Resp: 311096
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.4
 100 2.7 1.4 4.2





#25
Ethyl Acetate
Concen: 2.105 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

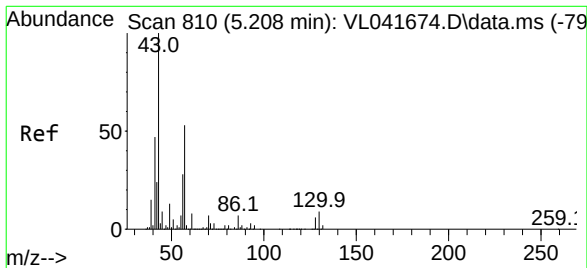
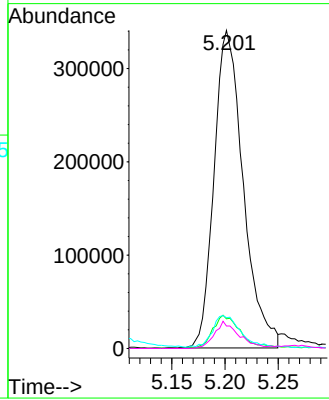
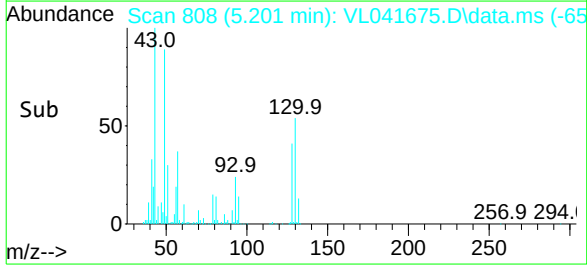
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



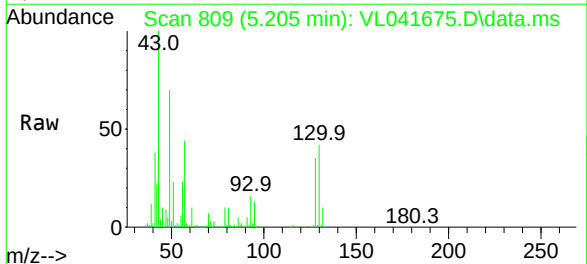
Tgt Ion: 43	Resp: 648134
Ion Ratio	Lower Upper
43 100	
45 10.4	8.6 13.0
61 10.4	8.4 12.6
70 7.4	5.8 8.6

Manual Integrations
APPROVED

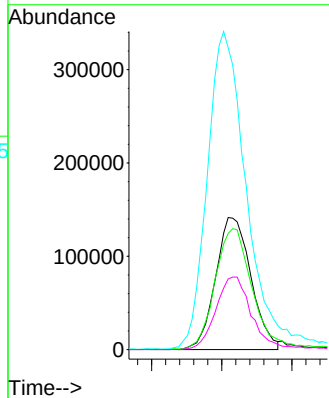
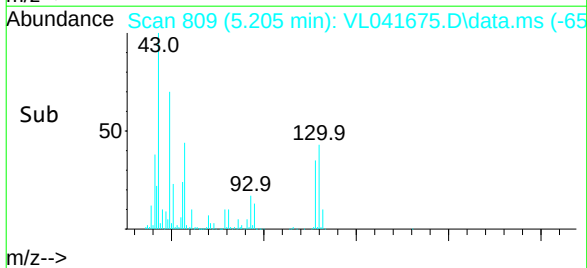
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

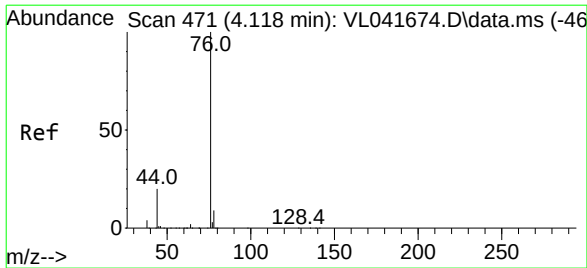


#26
Hexane
Concen: 2.095 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55



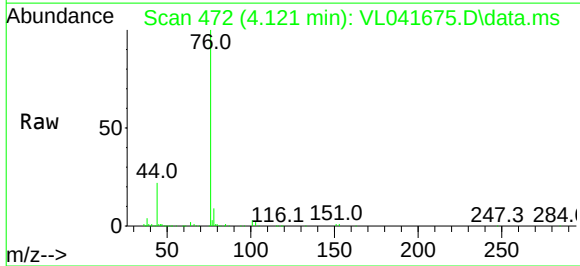
Tgt Ion: 57	Resp: 247802
Ion Ratio	Lower Upper
57 100	
41 99.7	76.1 114.1
43 275.1	207.0 310.6
56 56.6	43.7 65.5





#27
Carbon Disulfide
Concen: 2.076 ppbv
RT: 4.121 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

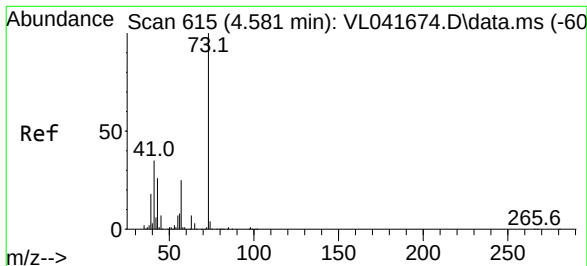
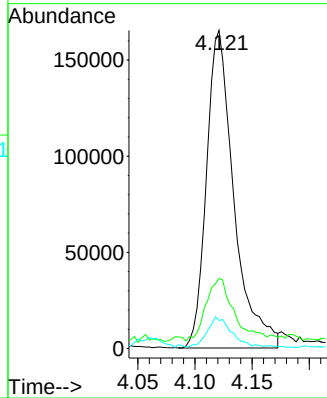
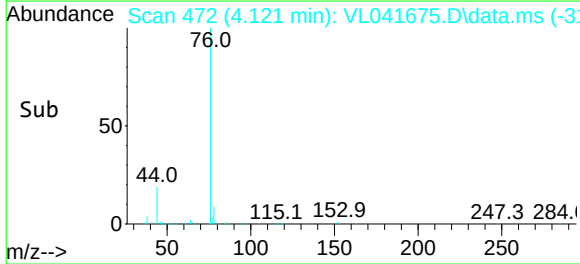
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 76 Resp: 275871
Ion Ratio Lower Upper
76 100
44 25.2 15.8 23.8#
78 9.9 7.5 11.3

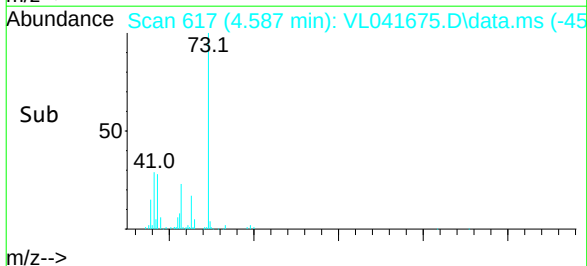
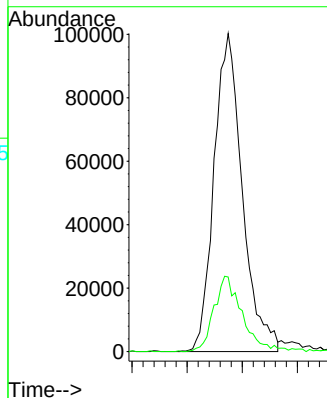
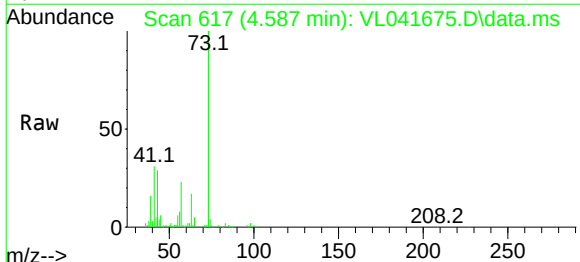
Manual Integrations
APPROVED

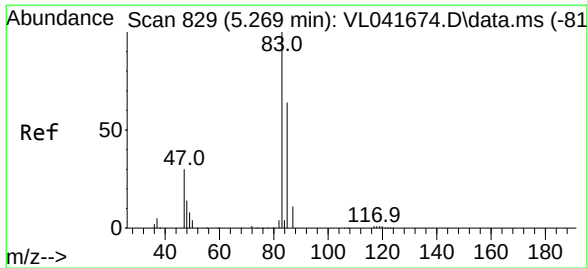
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#28
Methyl tert-Butyl Ether
Concen: 2.345 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.006 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Tgt Ion: 73 Resp: 178647
Ion Ratio Lower Upper
73 100
57 24.3 19.6 29.4





#29

Chloroform

Concen: 2.037 ppbv

RT: 5.269 min Scan# 82

Delta R.T. 0.000 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 83 Resp: 397794

Ion Ratio Lower Upper

83 100

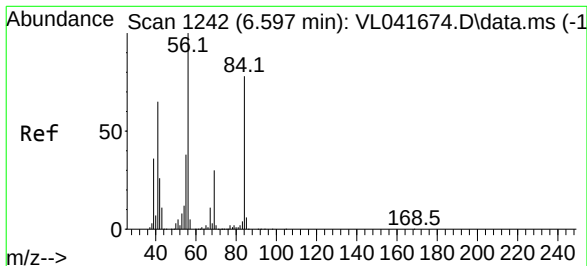
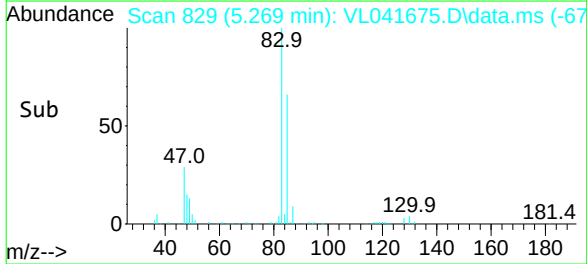
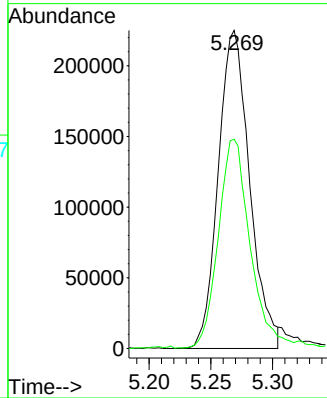
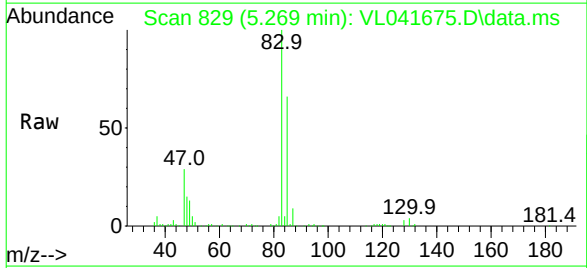
85 65.5 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#30

Cyclohexane

Concen: 2.167 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.003 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

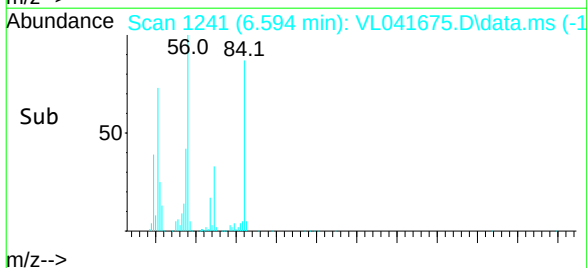
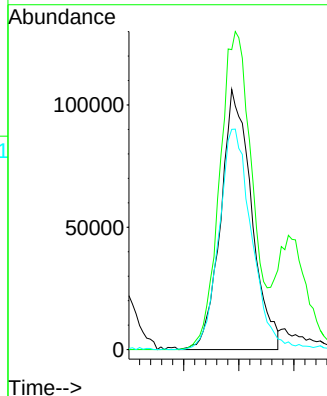
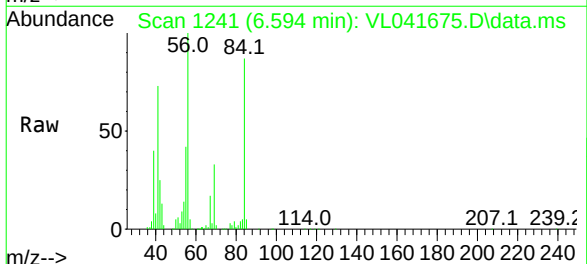
Tgt Ion: 84 Resp: 205987

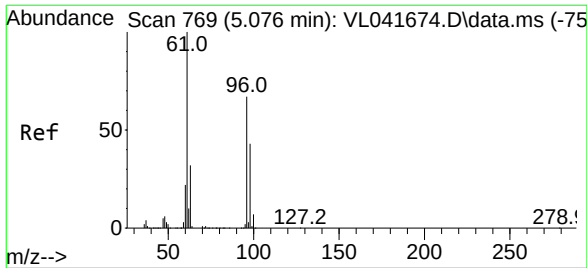
Ion Ratio Lower Upper

84 100

56 132.2 110.8 166.2

41 90.9 70.0 105.0





#31

cis-1,2-Dichloroethene

Concen: 2.037 ppbv

RT: 5.073 min Scan# 76

Delta R.T. -0.003 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 61 Resp: 231792

Ion Ratio Lower Upper

61 100

96 62.4 53.4 80.2

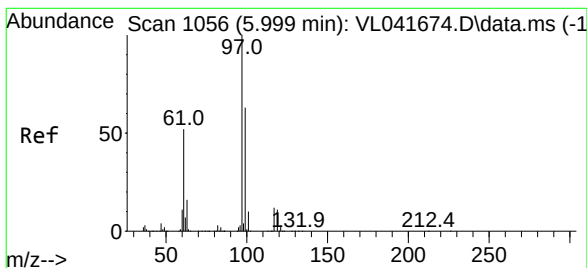
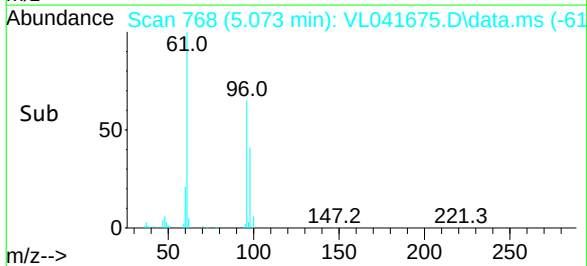
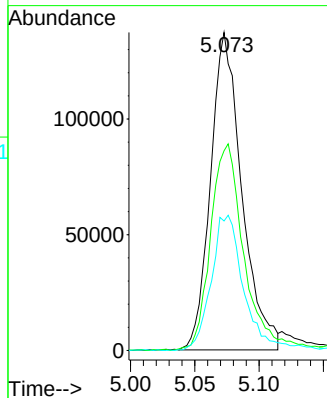
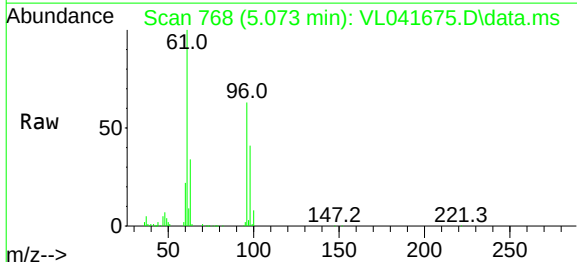
98 40.6 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#32

1,1,1-Trichloroethane

Concen: 2.186 ppbv

RT: 5.996 min Scan# 1055

Delta R.T. -0.003 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

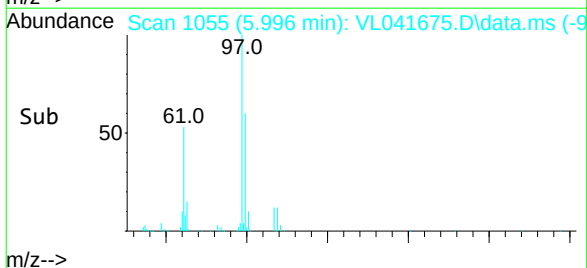
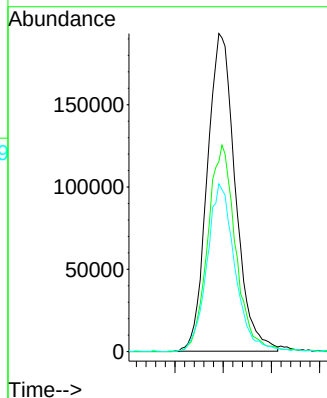
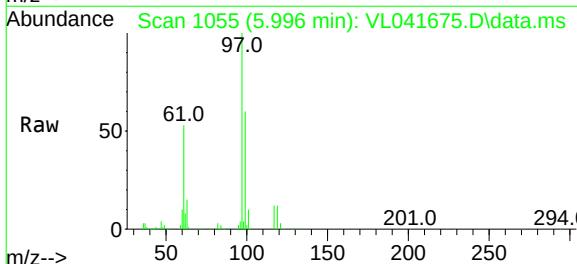
Tgt Ion: 97 Resp: 391289

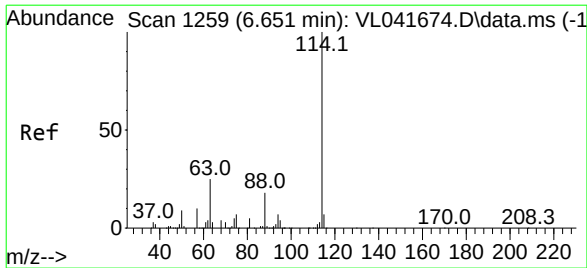
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.2

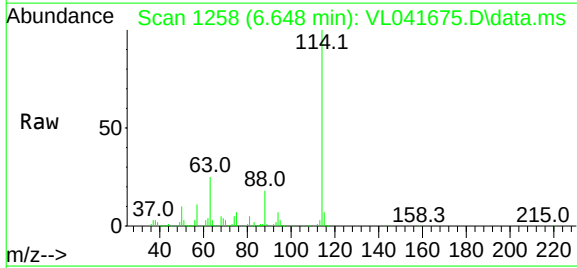
61 53.0 41.7 62.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 12
Delta R.T. -0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

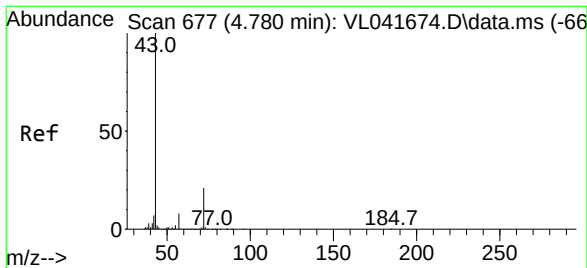
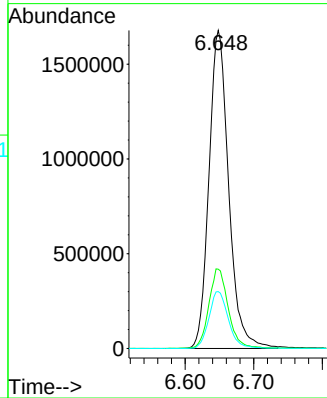
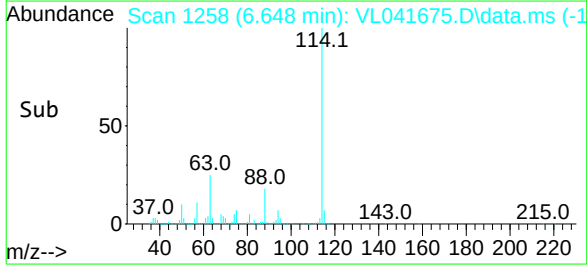
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:114 Resp: 3351063
Ion Ratio Lower Upper
114 100
63 24.9 20.3 30.5
88 17.8 14.2 21.4

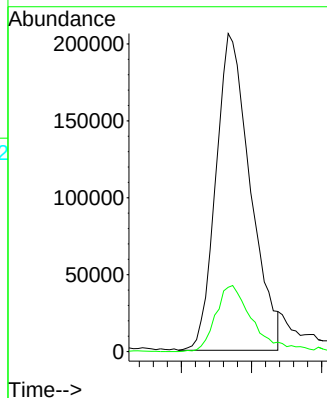
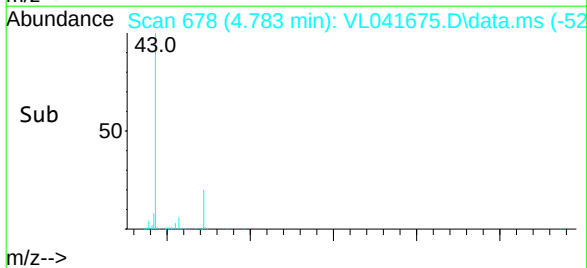
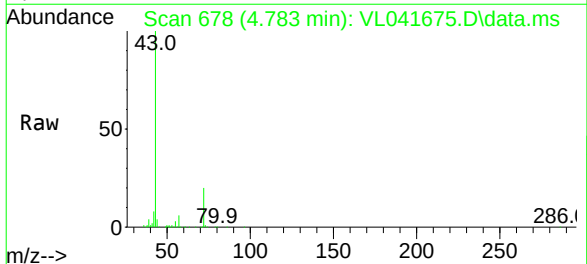
Manual Integrations
APPROVED

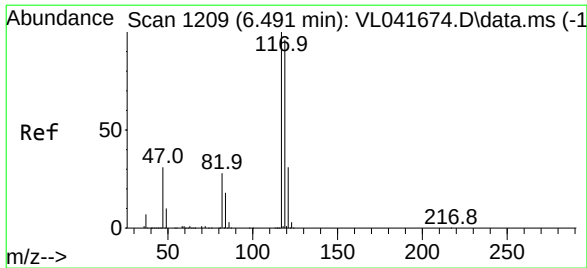
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#34
2-Butanone
Concen: 2.105 ppbv
RT: 4.783 min Scan# 678
Delta R.T. 0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Tgt Ion: 43 Resp: 351257
Ion Ratio Lower Upper
43 100
72 23.3 17.4 26.0





#35

Carbon Tetrachloride

Concen: 2.257 ppbv

RT: 6.491 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

Instrument :

MSVOA_L

ClientSampleId :

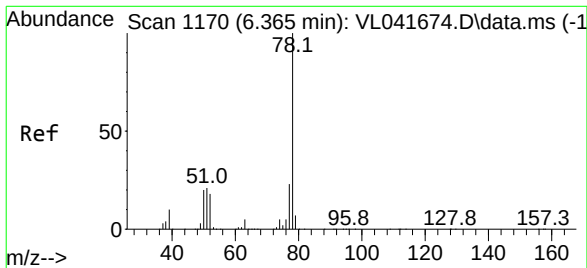
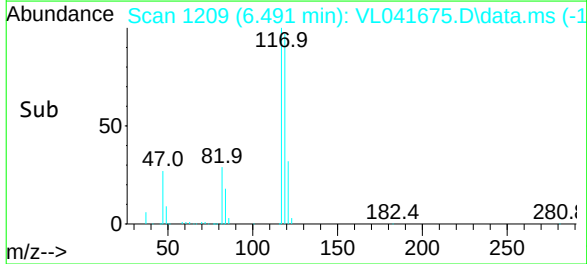
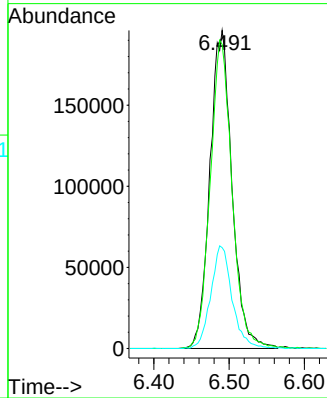
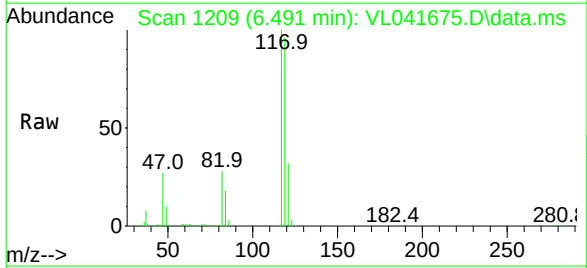
VSTDICC002

Tgt Ion:	117	Resp:	399871
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.2	115.8
121	31.7	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#36

Benzene

Concen: 2.169 ppbv

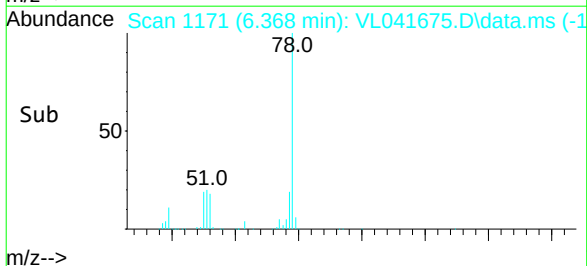
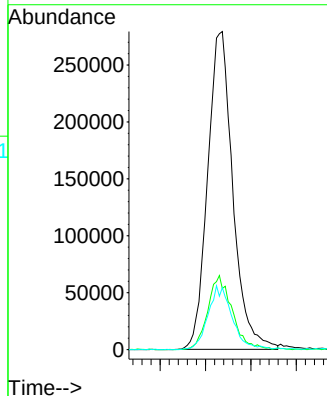
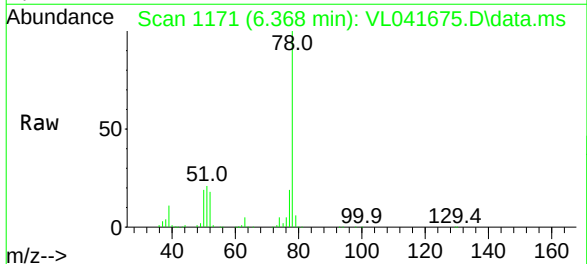
RT: 6.368 min Scan# 1171

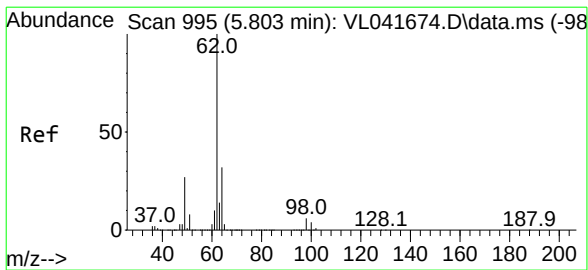
Delta R.T. 0.003 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

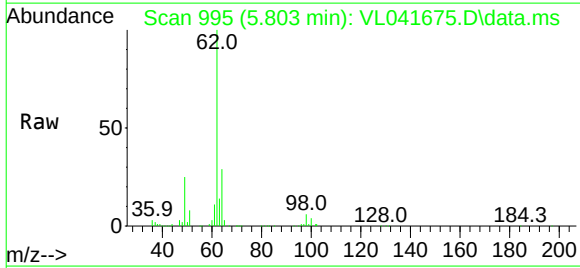
Tgt Ion:	78	Resp:	538471
Ion	Ratio	Lower	Upper
78	100		
77	19.1	18.5	27.7
50	19.5	15.6	23.4





#37
1,2-Dichloroethane
Concen: 2.080 ppbv
RT: 5.803 min Scan# 995
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

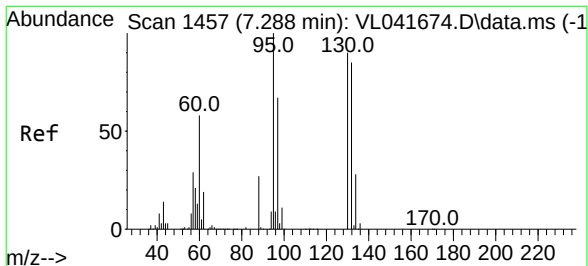
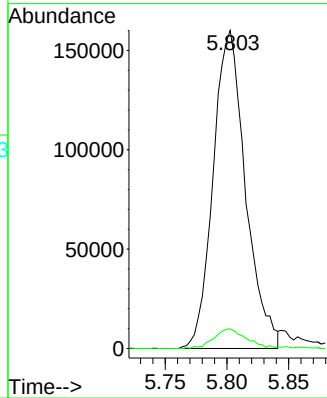
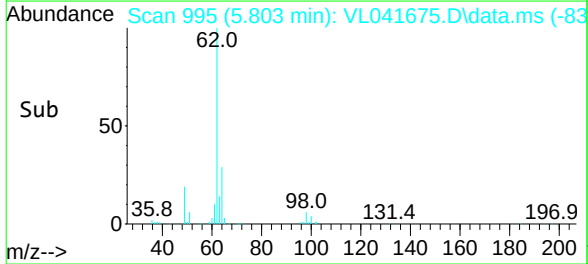
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



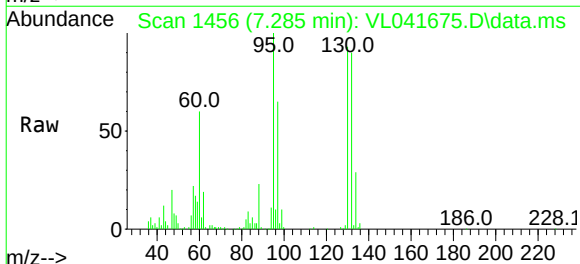
Tgt Ion: 62 Resp: 291336
Ion Ratio Lower Upper
62 100
98 6.6 5.2 7.8

Manual Integrations
APPROVED

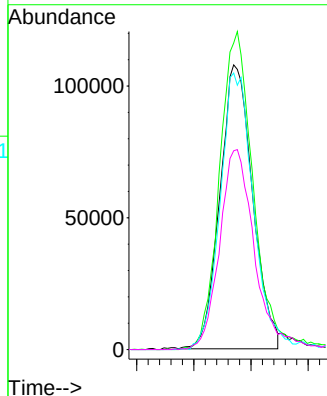
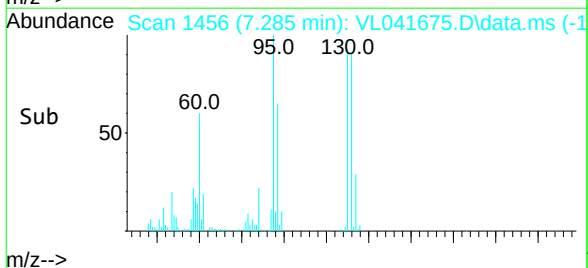
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

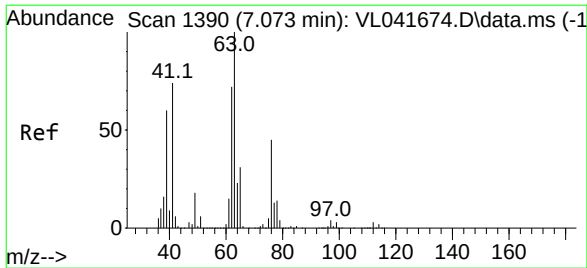


#38
Trichloroethene
Concen: 2.237 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55



Tgt Ion:130 Resp: 214170
Ion Ratio Lower Upper
130 100
95 108.0 89.1 133.7
132 97.2 75.7 113.5
97 70.0 60.0 90.0





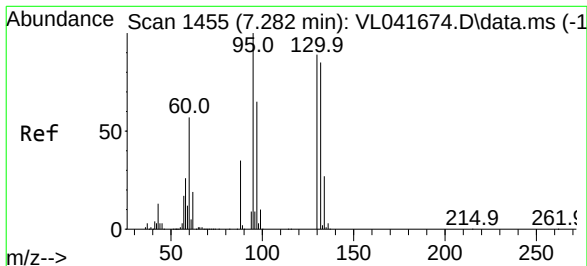
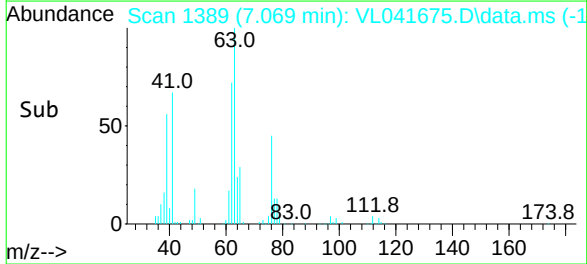
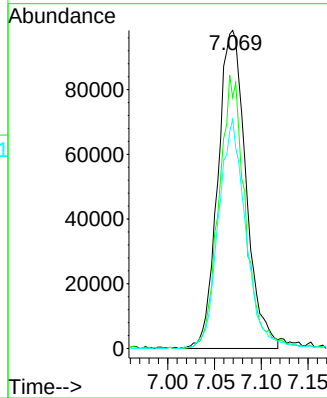
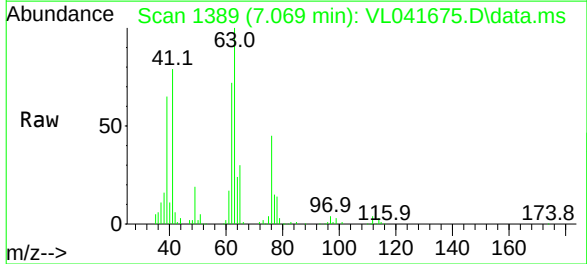
#39
1,2-Dichloropropane
Concen: 2.102 ppbv
RT: 7.069 min Scan# 1389
Delta R.T. -0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 63 Resp: 206245
Ion Ratio Lower Upper
63 100
41 78.9 59.1 88.7
62 72.0 57.7 86.5

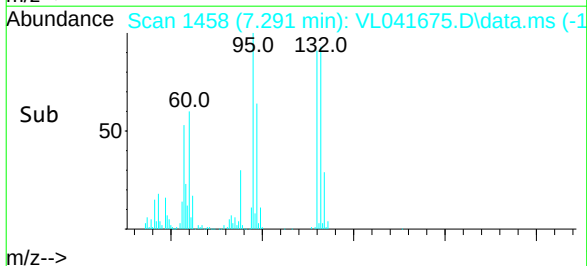
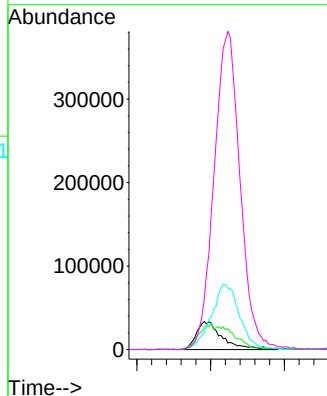
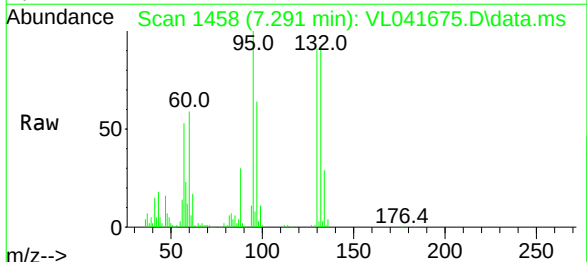
Manual Integrations
APPROVED

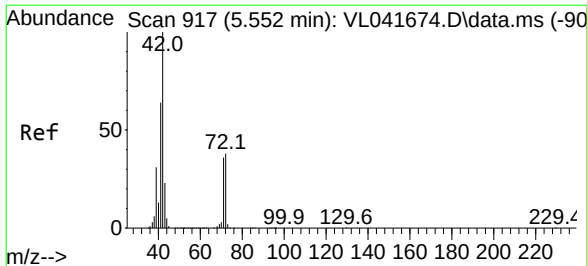
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#40
1,4-Dioxane
Concen: 2.365 ppbv m
RT: 7.291 min Scan# 1458
Delta R.T. 0.010 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

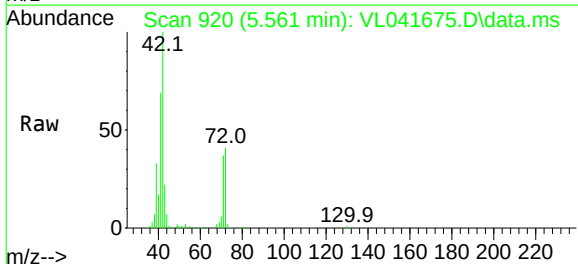
Tgt Ion: 88 Resp: 82194
Ion Ratio Lower Upper
88 100
58 0.0 101.4 152.2#
43 0.0 208.0 312.0#
57 0.0 902.9 1354.3#





#41
Tetrahydrofuran
Concen: 2.173 ppbv
RT: 5.561 min Scan# 92
Delta R.T. 0.010 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

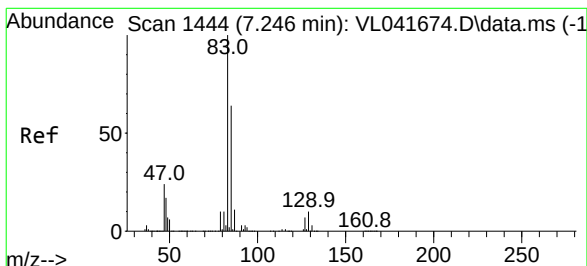
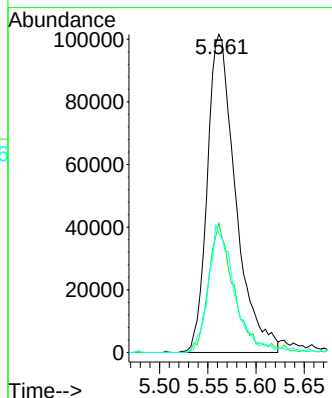
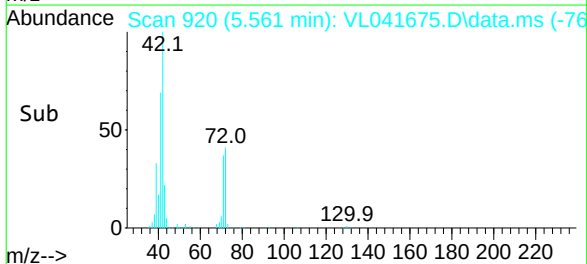
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 42 Resp: 206889
Ion Ratio Lower Upper
42 100
72 37.7 29.8 44.6
71 37.8 29.4 44.2

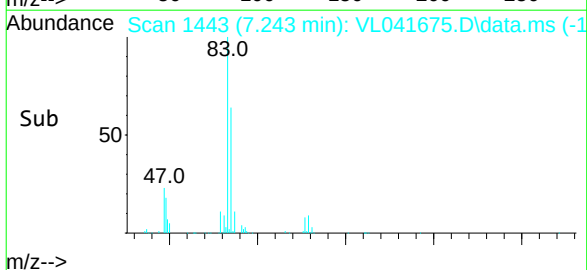
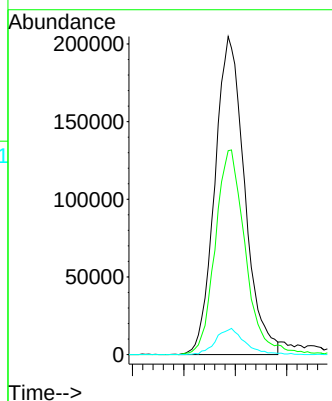
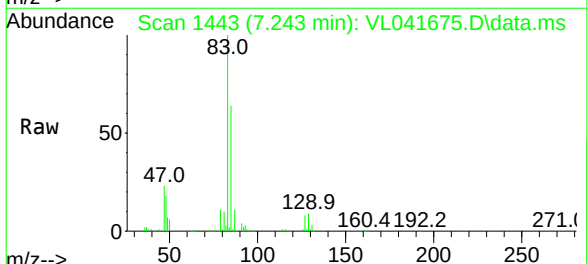
Manual Integrations
APPROVED

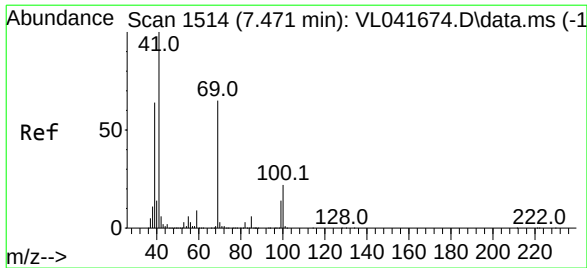
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#42
Bromodichloromethane
Concen: 2.116 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

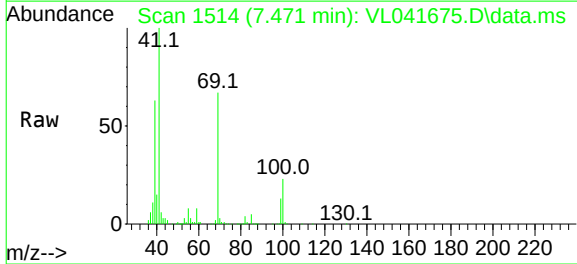
Tgt Ion: 83 Resp: 411846
Ion Ratio Lower Upper
83 100
85 64.1 51.2 76.8
127 7.7 6.0 9.0





#43
Methyl Methacrylate
Concen: 2.140 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

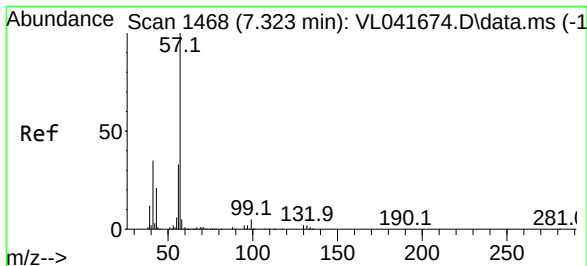
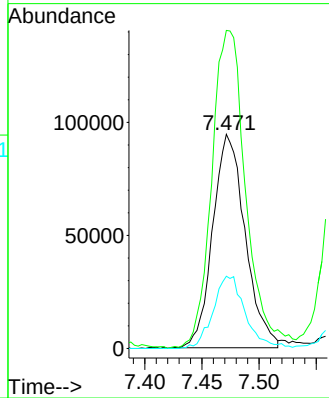
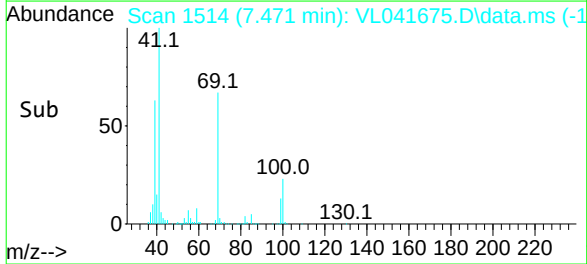
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



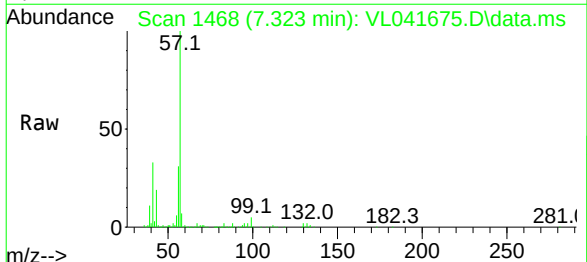
Tgt Ion: 69 Resp: 186557
Ion Ratio Lower Upper
69 100
41 157.8 119.8 179.6
100 33.6 27.3 40.9

Manual Integrations
APPROVED

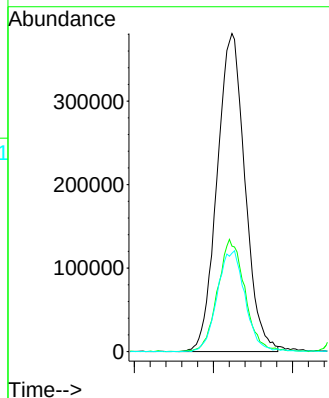
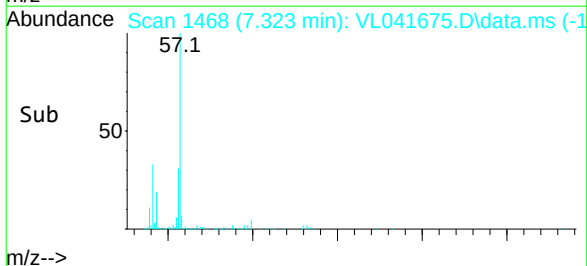
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

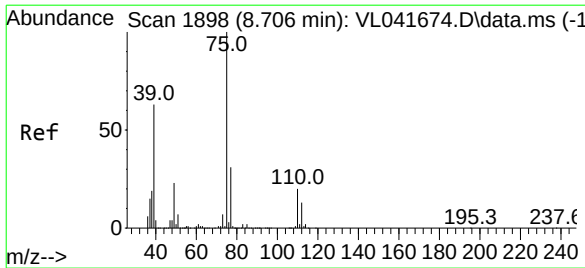


#44
2,2,4-Trimethylpentane
Concen: 2.217 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55



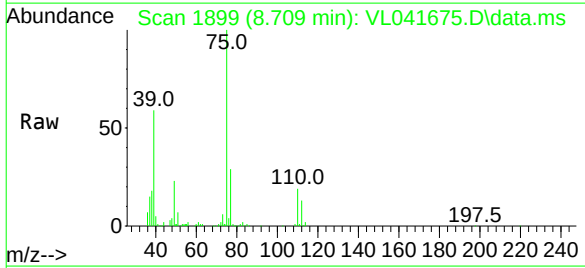
Tgt Ion: 57 Resp: 932386
Ion Ratio Lower Upper
57 100
41 34.6 27.0 40.6
56 31.8 25.8 38.6





#45
t-1,3-Dichloropropene
Concen: 1.929 ppbv
RT: 8.709 min Scan# 1898
Delta R.T. 0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

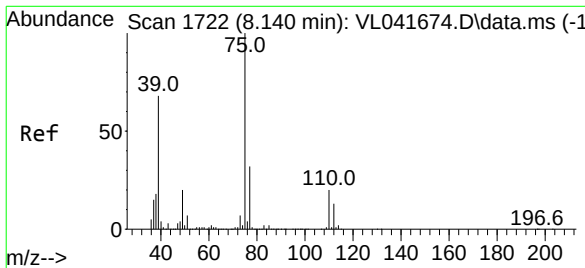
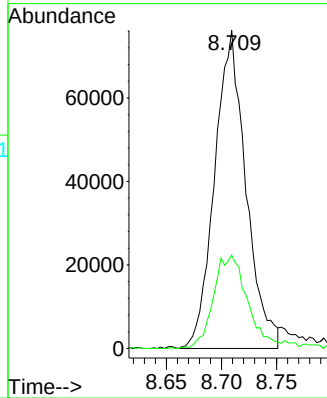
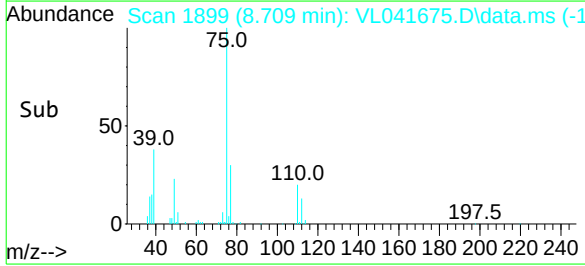
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



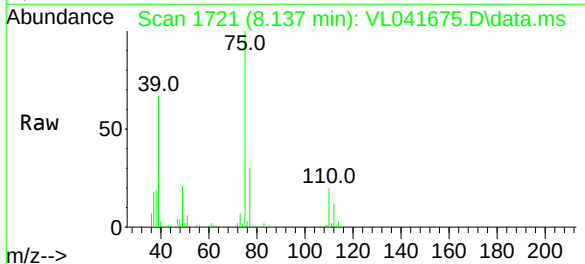
Tgt Ion: 75 Resp: 150366
Ion Ratio Lower Upper
75 100
77 29.4 24.7 37.1

Manual Integrations
APPROVED

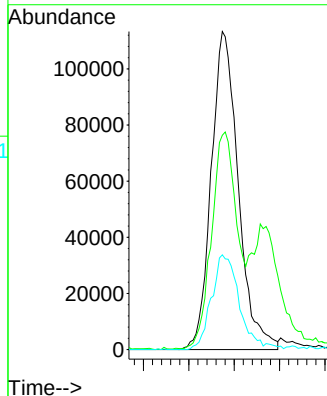
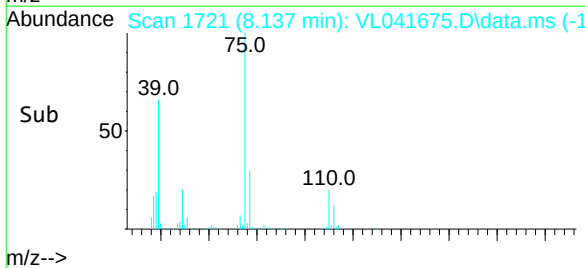
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

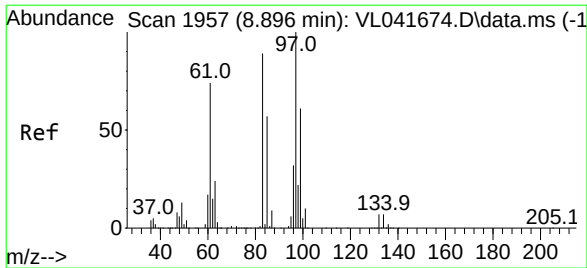


#46
cis-1,3-Dichloropropene
Concen: 2.069 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. -0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55



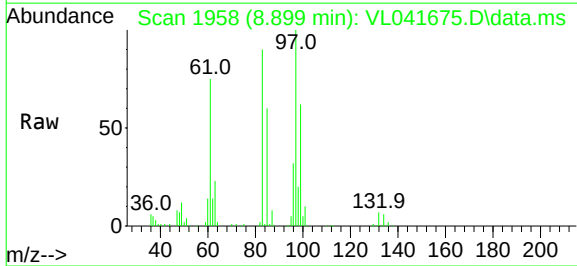
Tgt Ion: 75 Resp: 234294
Ion Ratio Lower Upper
75 100
39 67.0 54.1 81.1
77 29.8 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 2.061 ppbv m
RT: 8.899 min Scan# 19
Delta R.T. 0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

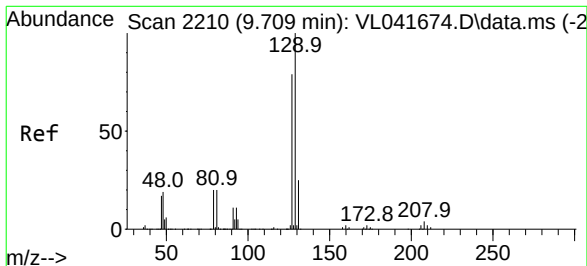
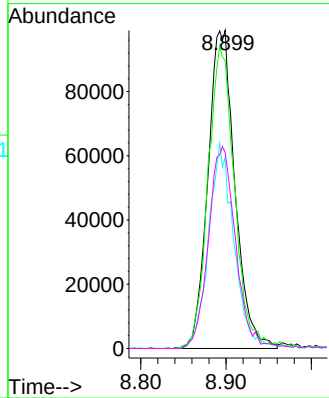
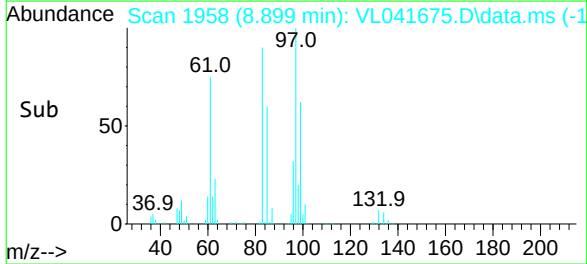
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 97 Resp: 218012
Ion Ratio Lower Upper
97 100
83 90.4 71.0 106.6
85 60.0 45.4 68.2
99 61.6 49.0 73.6

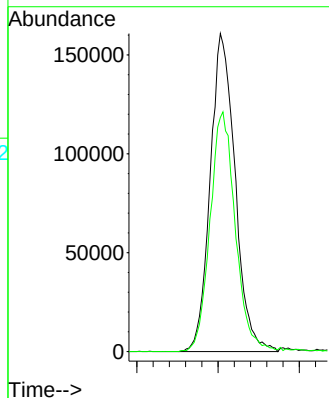
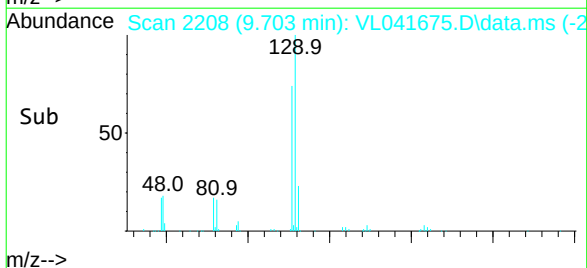
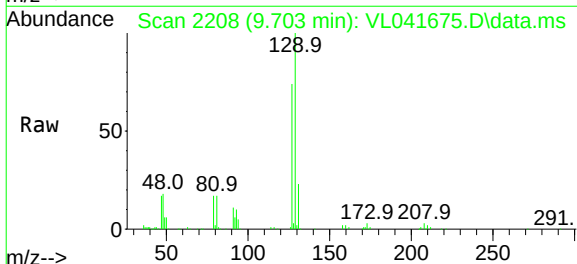
Manual Integrations
APPROVED

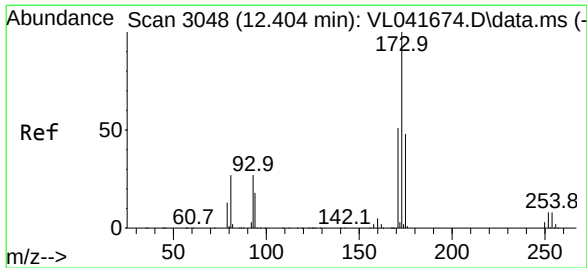
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#48
Dibromochloromethane
Concen: 2.121 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. -0.006 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

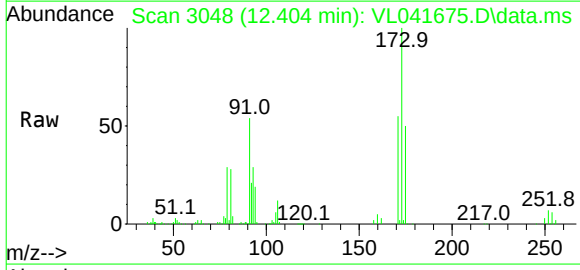
Tgt Ion:129 Resp: 342372
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#49
Bromoform
Concen: 2.080 ppbv
RT: 12.404 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

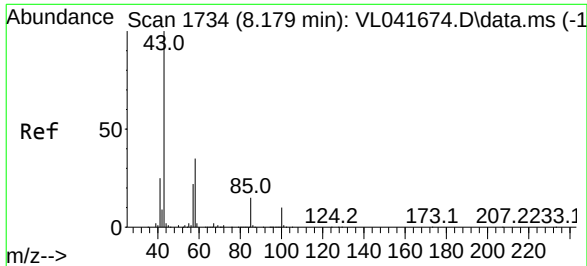
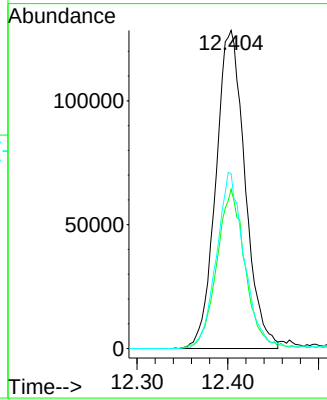
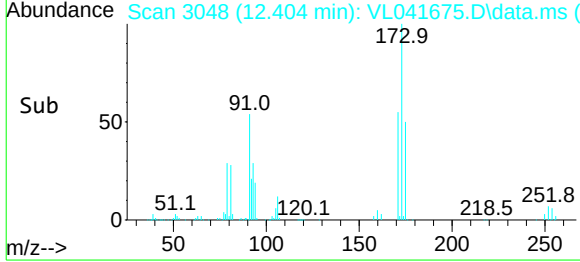
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



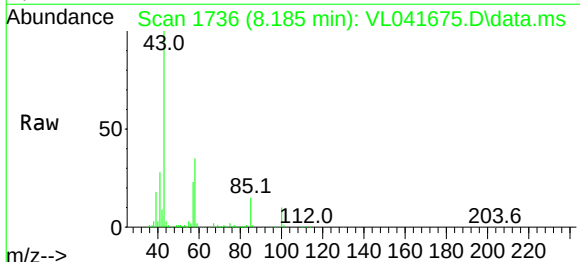
Tgt Ion: 173 Resp: 286412
Ion Ratio Lower Upper
173 100
175 48.9 39.2 58.8
171 53.2 41.7 62.5

Manual Integrations
APPROVED

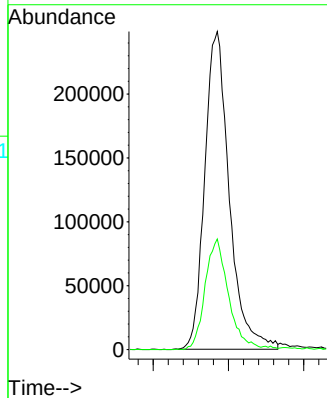
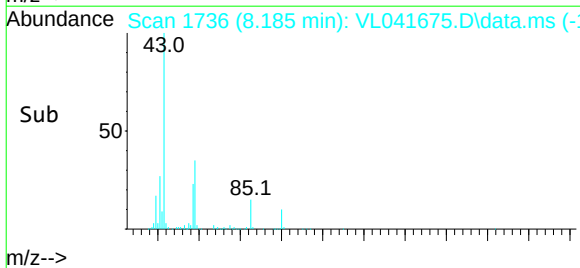
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

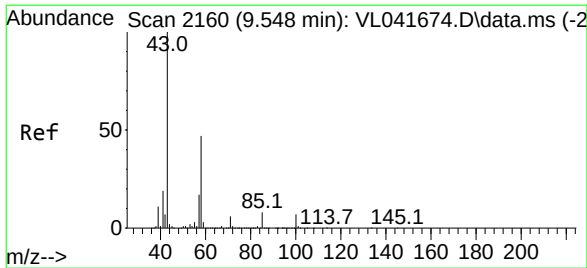


#50
4-Methyl-2-Pentanone
Concen: 2.198 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55



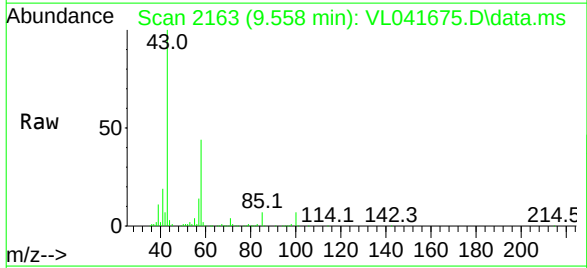
Tgt Ion: 43 Resp: 563317
Ion Ratio Lower Upper
43 100
58 34.0 27.7 41.5





#51
2-Hexanone
Concen: 2.163 ppbv
RT: 9.558 min Scan# 2160
Delta R.T. 0.010 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

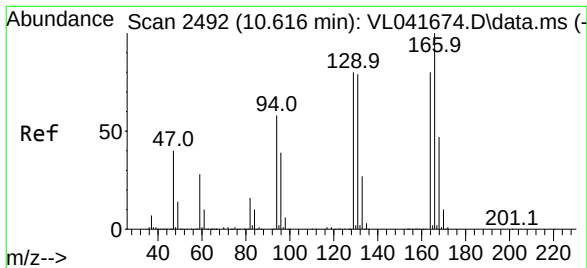
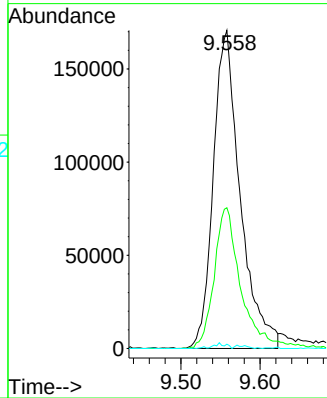
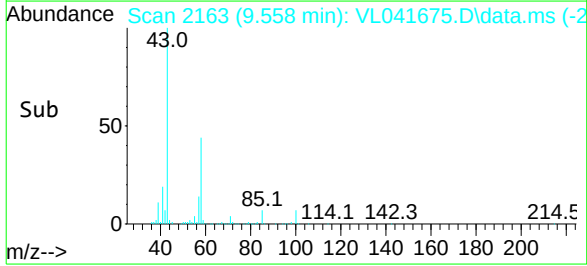
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



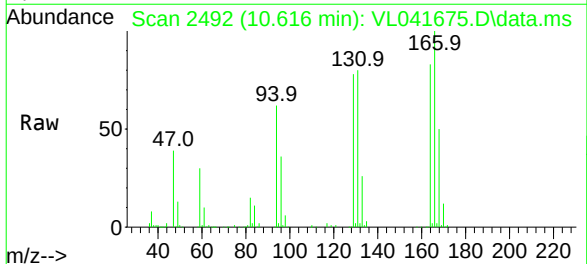
Tgt Ion: 43 Resp: 402751
Ion Ratio Lower Upper
43 100
58 44.3 37.0 55.6
98 0.8 0.6 0.8

Manual Integrations
APPROVED

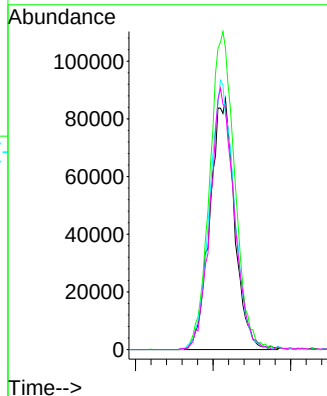
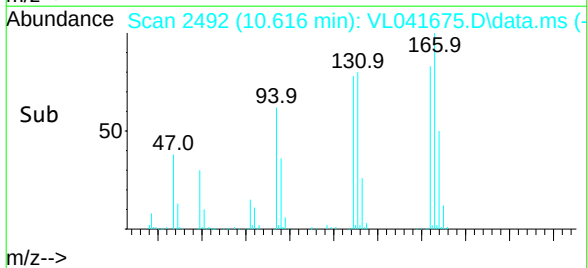
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

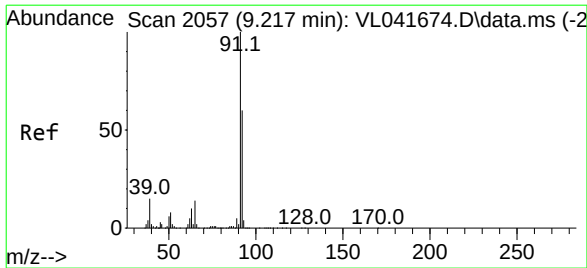


#52
Tetrachloroethene
Concen: 2.252 ppbv m
RT: 10.616 min Scan# 2492
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55



Tgt Ion:164 Resp: 191108
Ion Ratio Lower Upper
164 100
166 120.3 100.2 150.4
129 93.4 79.7 119.5
131 96.5 79.0 118.4





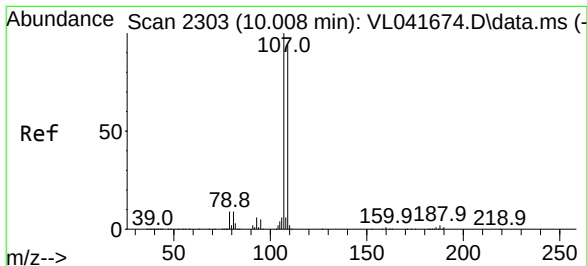
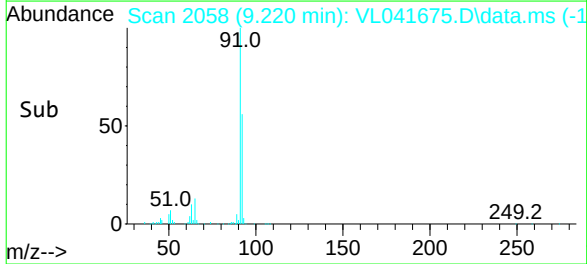
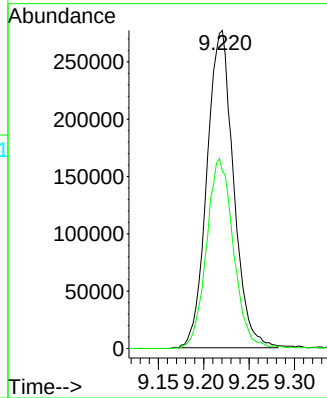
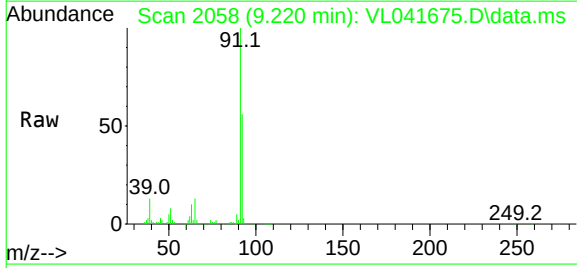
#53
Toluene
Concen: 2.161 ppbv
RT: 9.220 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 564332
Ion Ratio Lower Upper
91 100
92 61.0 49.0 73.4

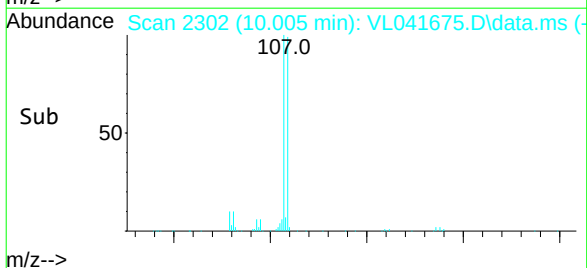
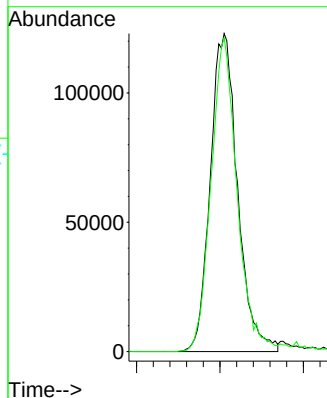
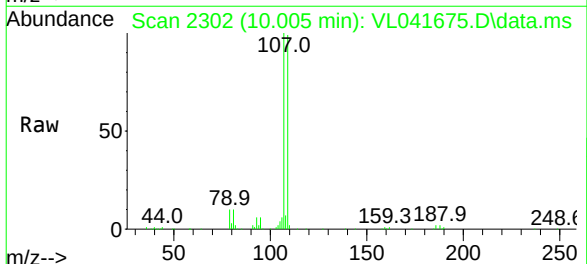
Manual Integrations
APPROVED

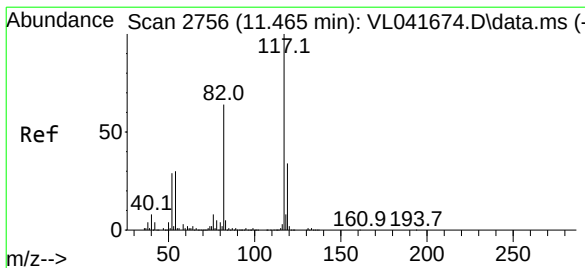
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#54
1,2-Dibromoethane
Concen: 2.262 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Tgt Ion:107 Resp: 279460
Ion Ratio Lower Upper
107 100
109 98.4 74.9 112.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2756

Delta R.T. -0.003 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:117 Resp: 3155486

Ion Ratio Lower Upper

117 100

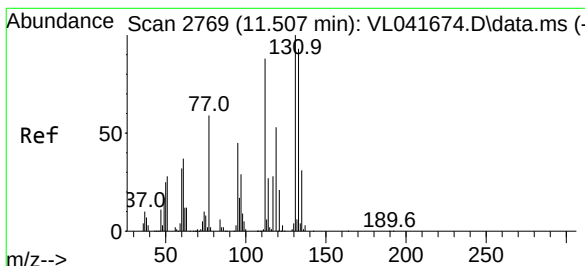
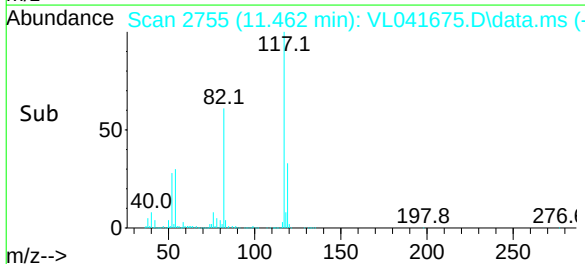
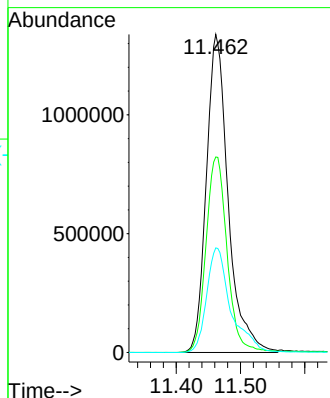
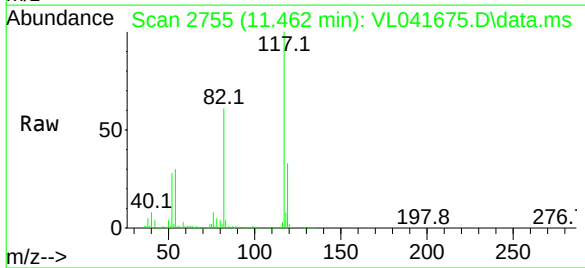
82 60.0 49.8 74.8

119 36.8 24.2 36.4#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 2.130 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. 0.000 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

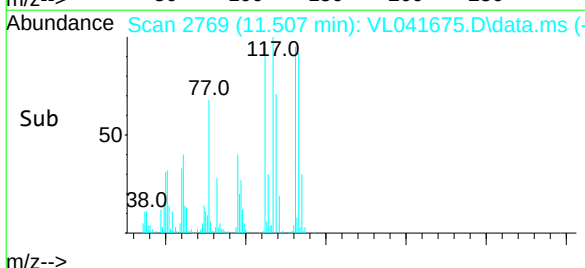
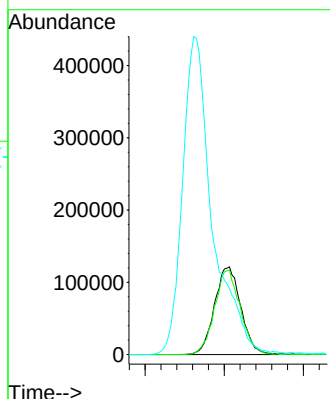
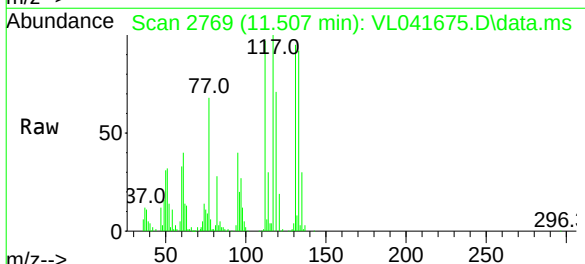
Tgt Ion:131 Resp: 279872

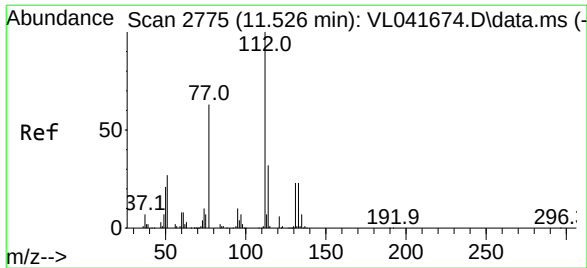
Ion Ratio Lower Upper

131 100

133 94.8 76.5 114.7

119 414.0 49.8 74.8#





#57

Chlorobenzene

Concen: 2.128 ppbv

RT: 11.519 min Scan# 2775

Delta R.T. -0.006 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

Instrument :

MSVOA_L

ClientSampleId :

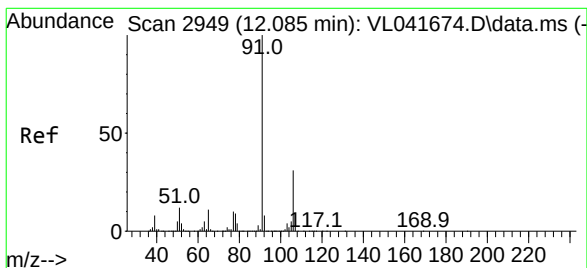
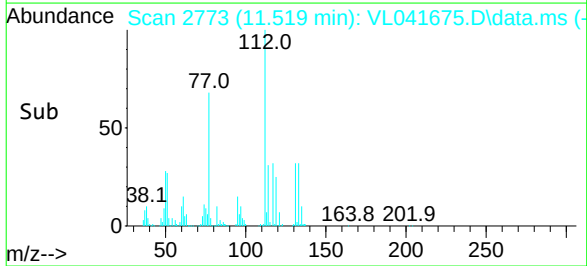
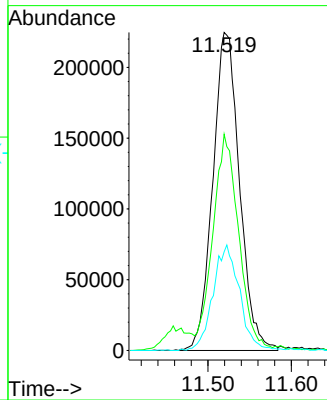
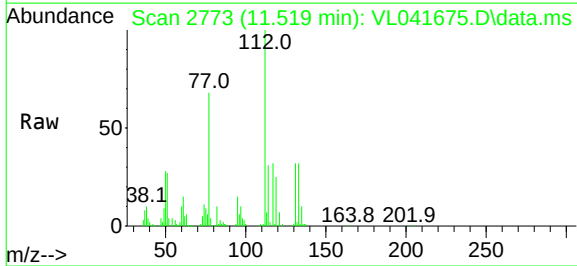
VSTDIC002

Tgt Ion:	112	Resp:	500524
Ion	Ratio	Lower	Upper
112	100		
77	66.6	51.4	77.2
114	31.0	28.4	34.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#58

Ethyl Benzene

Concen: 2.225 ppbv

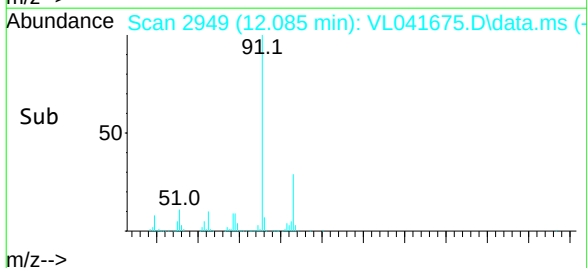
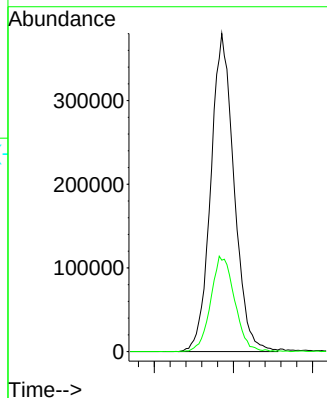
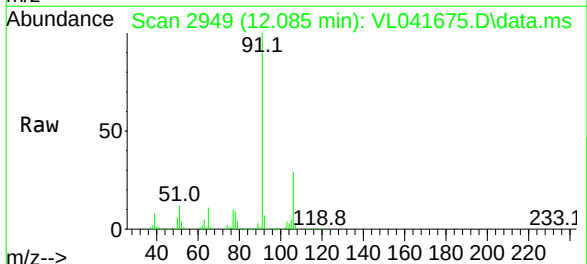
RT: 12.085 min Scan# 2949

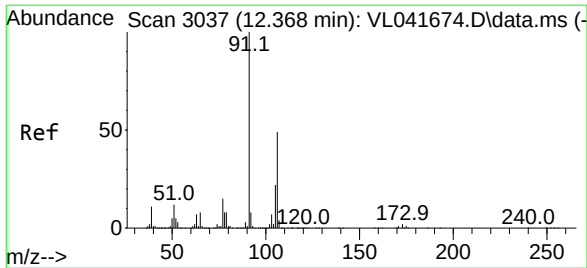
Delta R.T. 0.000 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

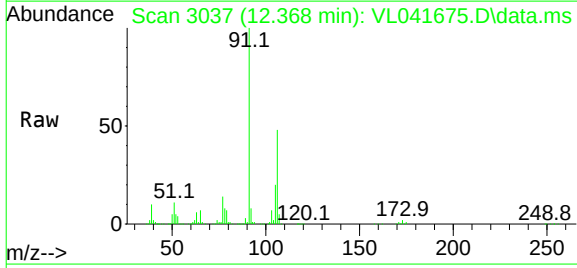
Tgt Ion:	91	Resp:	777614
Ion	Ratio	Lower	Upper
91	100		
106	28.7	24.9	37.3





#59
m/p-Xylene
Concen: 4.488 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

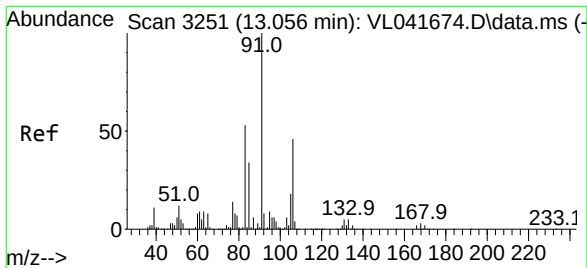
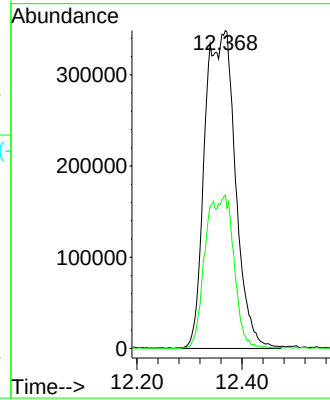
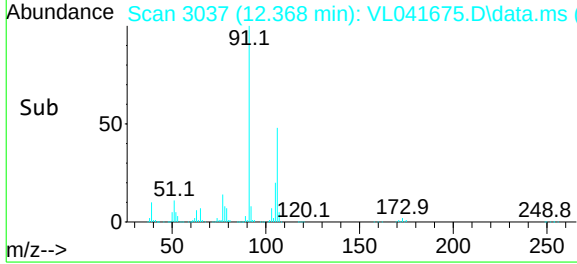
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



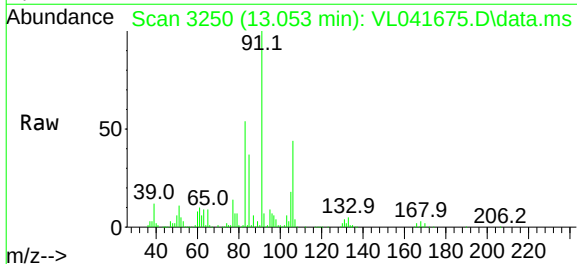
Tgt Ion: 91 Resp: 1403331
Ion Ratio Lower Upper
91 100
106 45.4 36.9 55.3

Manual Integrations
APPROVED

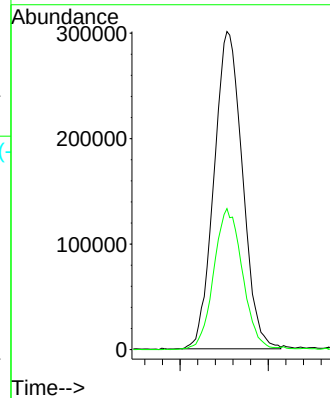
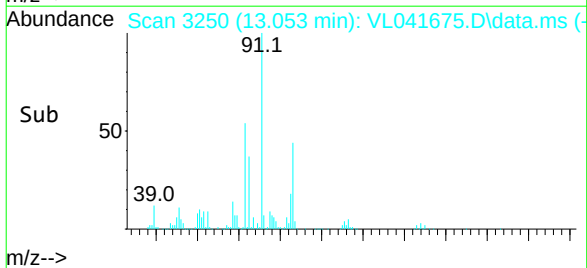
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

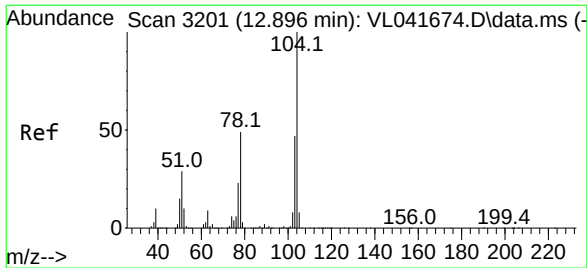


#60
o-Xylene
Concen: 2.258 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. -0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55



Tgt Ion: 91 Resp: 674003
Ion Ratio Lower Upper
91 100
106 45.4 23.2 69.6





#61

Styrene

Concen: 2.133 ppbv

RT: 12.892 min Scan# 3201

Delta R.T. -0.003 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

Instrument :

MSVOA_L

ClientSampleId :

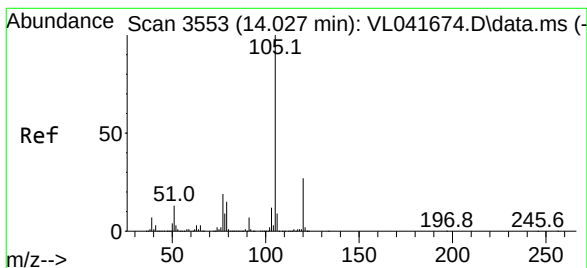
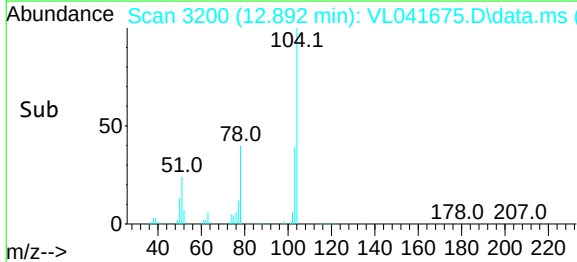
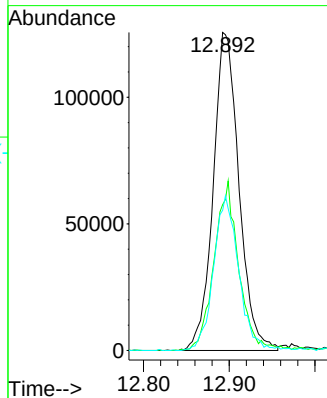
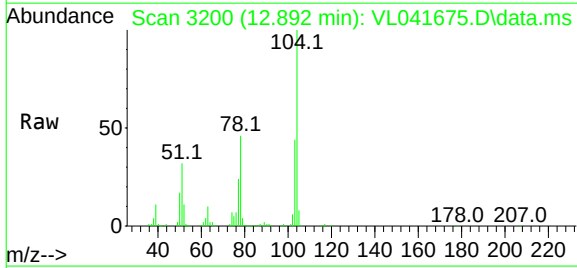
VSTDIC002

Tgt Ion:	104	Resp:	262837
Ion Ratio	Lower	Upper	
104	100		
78	51.3	39.8	59.8
103	47.7	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#62

Isopropylbenzene

Concen: 2.236 ppbv

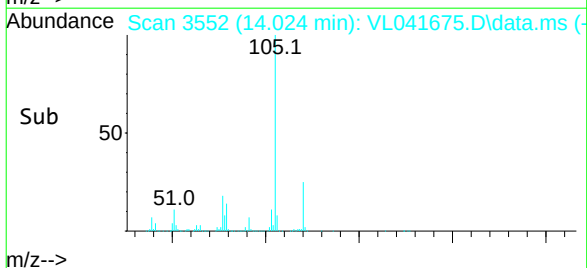
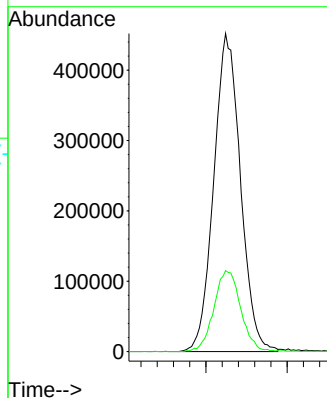
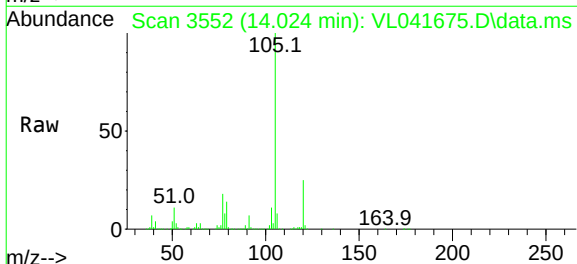
RT: 14.024 min Scan# 3552

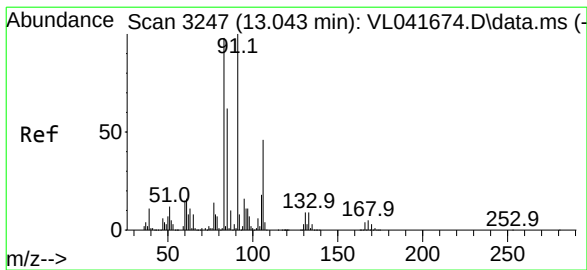
Delta R.T. -0.003 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

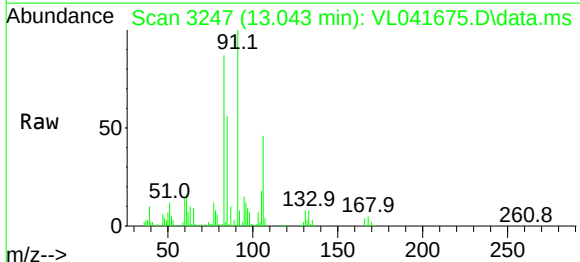
Tgt Ion:	105	Resp:	1030511
Ion Ratio	Lower	Upper	
105	100		
120	25.8	21.1	31.7





#63
1,1,2,2-Tetrachloroethane
Concen: 2.245 ppbv
RT: 13.043 min Scan# 3247
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

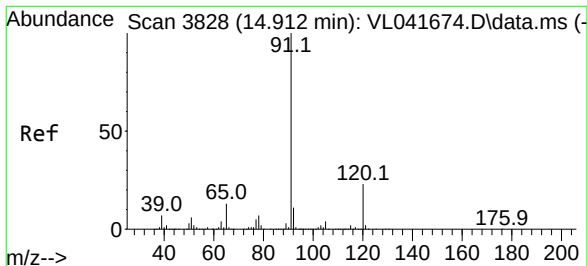
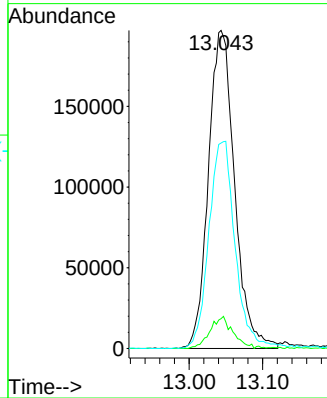
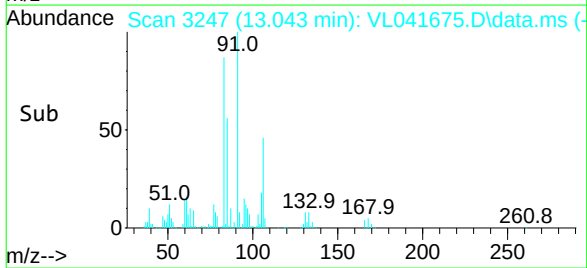
Instrument : MSVOA_L
ClientSampleId : VSTDICC002



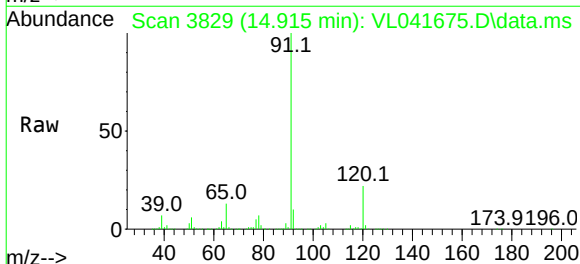
Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.8	14.3
85	66.1	32.6	98.0

Manual Integrations
APPROVED

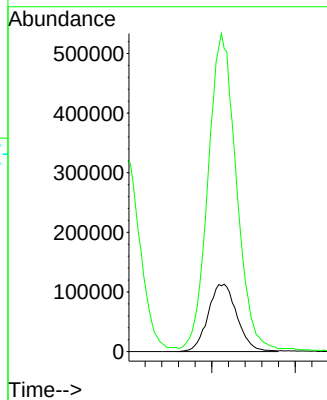
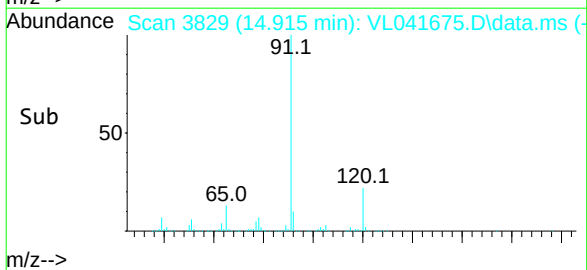
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

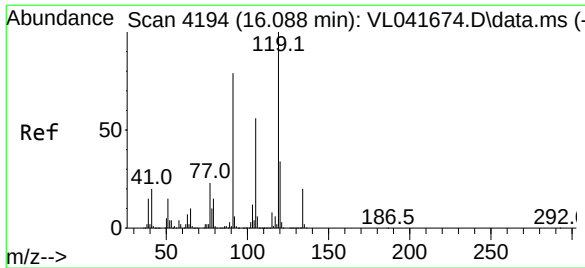


#64
n-propylbenzene
Concen: 2.251 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55



Tgt Ion	Ratio	Lower	Upper
120	100		
91	469.1	362.4	543.6





#65

tert-Butylbenzene

Concen: 2.290 ppbv

RT: 16.085 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

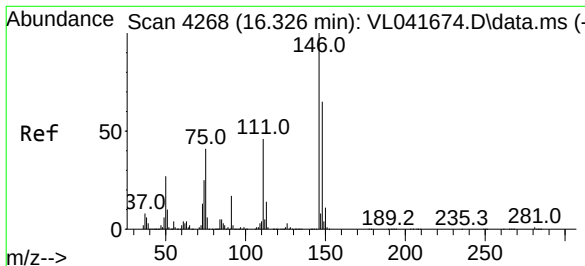
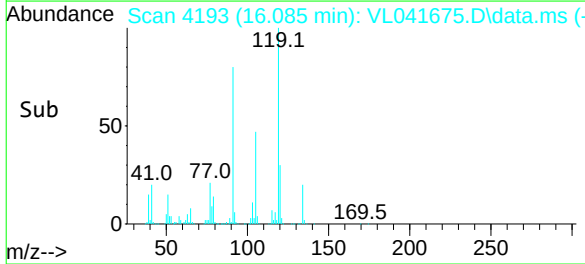
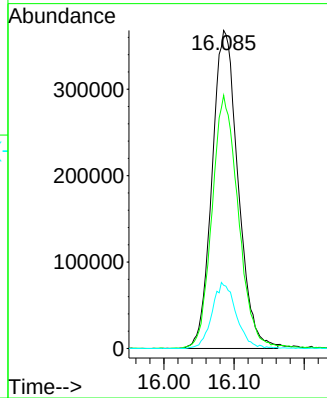
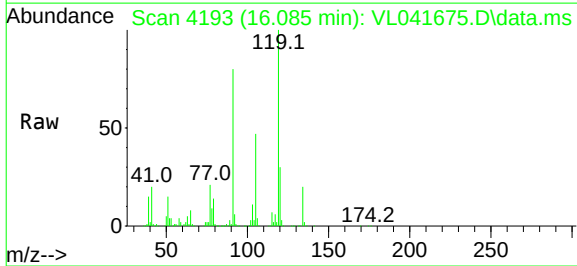
Tgt Ion:	119	Resp:	948395
Ion	Ratio	Lower	Upper
119	100		
91	81.0	64.3	96.5
134	19.5	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#66

Benzyl Chloride

Concen: 2.072 ppbv m

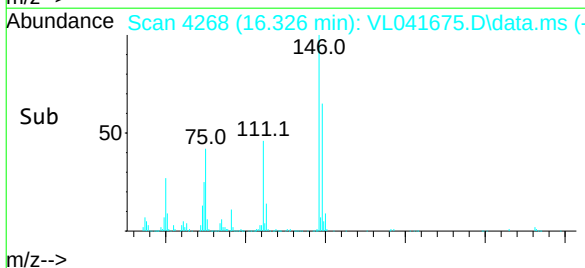
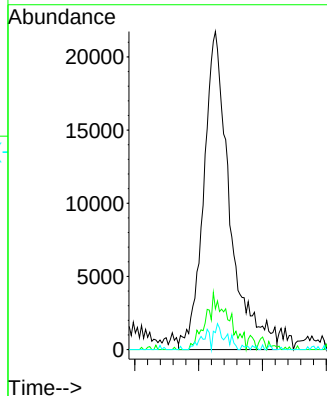
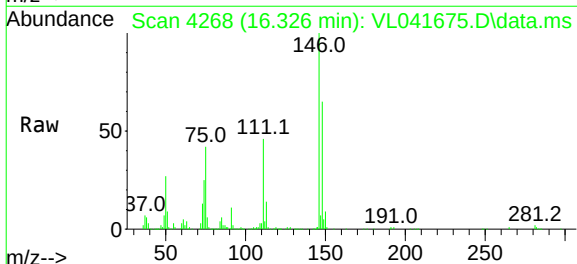
RT: 16.326 min Scan# 4268

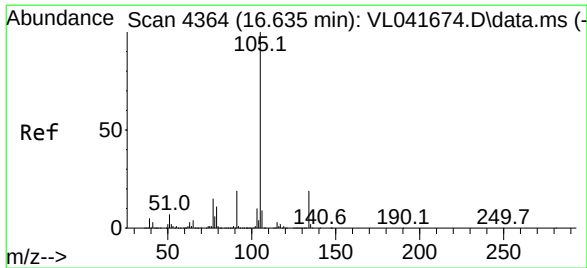
Delta R.T. 0.000 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

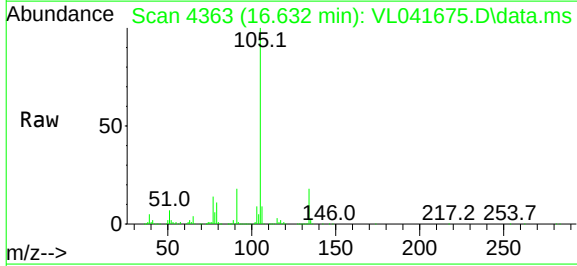
Tgt Ion:	91	Resp:	61799
Ion	Ratio	Lower	Upper
91	100		
126	16.2	13.8	20.6
128	5.9	4.3	6.5





#67
 sec-Butylbenzene
 Concen: 2.312 ppbv
 RT: 16.632 min Scan# 4364
 Delta R.T. -0.003 min
 Lab File: VL041675.D
 Acq: 7 Nov 2024 10:55

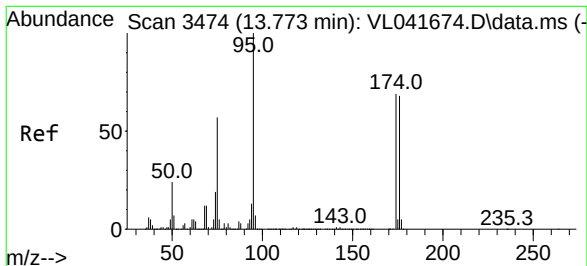
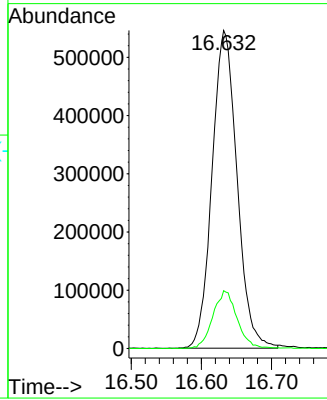
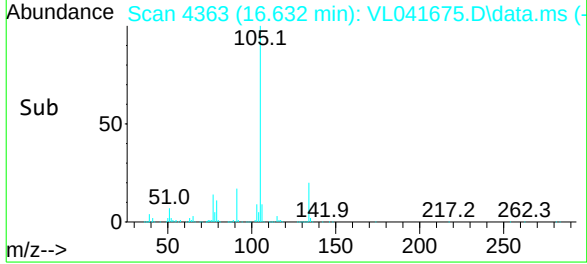
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



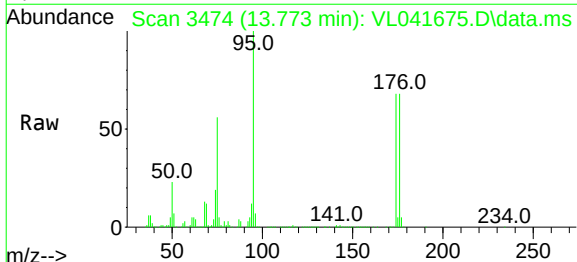
Tgt Ion: 105 Resp: 1349679
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.6 22.0

Manual Integrations
 APPROVED

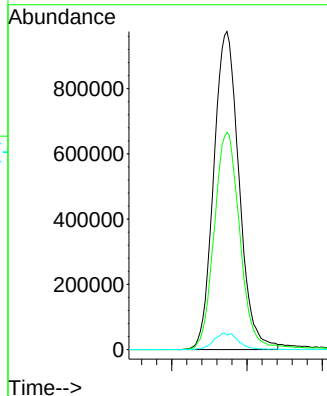
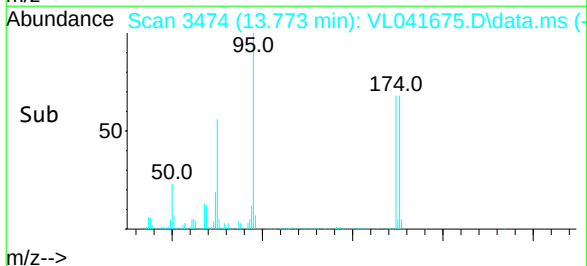
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

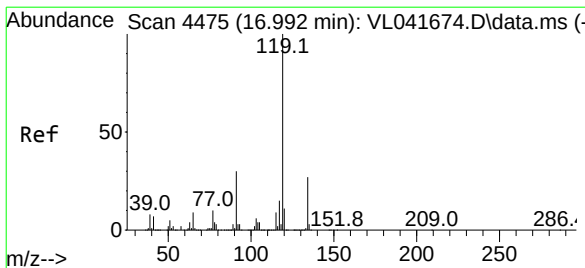


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.764 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.000 min
 Lab File: VL041675.D
 Acq: 7 Nov 2024 10:55



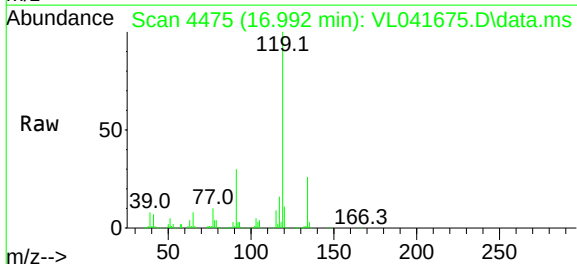
Tgt Ion: 95 Resp: 2278471
 Ion Ratio Lower Upper
 95 100
 174 70.4 55.6 83.4
 175 5.1 4.2 6.2





#69
p-Isopropyltoluene
Concen: 2.324 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

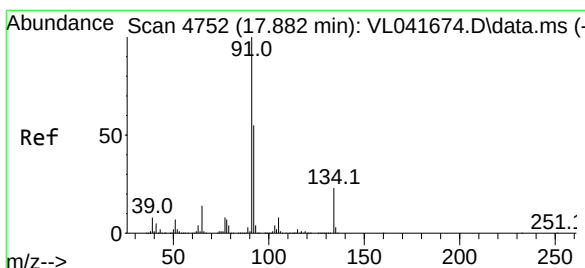
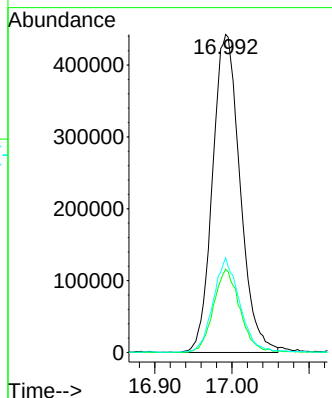
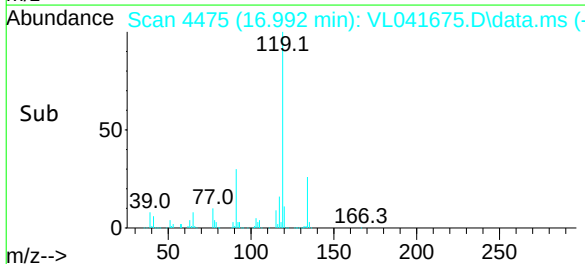
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



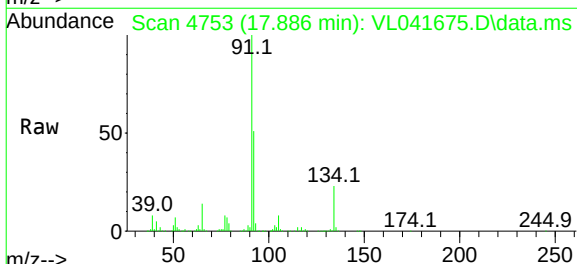
Tgt Ion: 119 Resp: 1097205
Ion Ratio Lower Upper
119 100
134 25.4 20.8 31.2
91 28.6 23.2 34.8

Manual Integrations
APPROVED

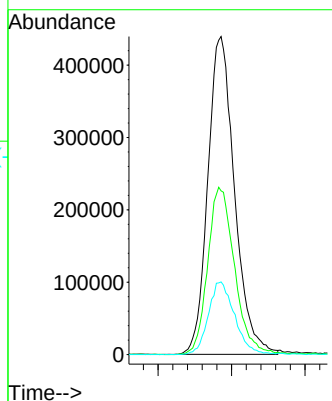
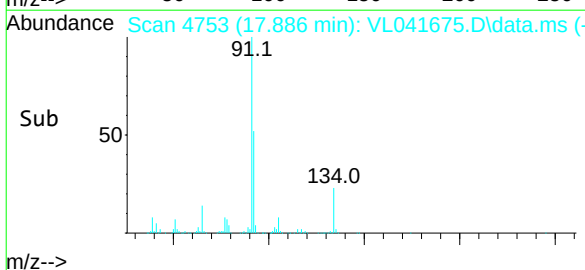
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

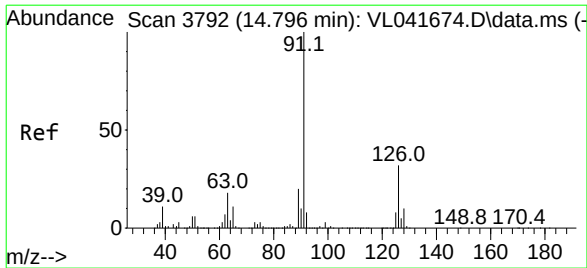


#70
n-Butylbenzene
Concen: 2.293 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55



Tgt Ion: 91 Resp: 1109618
Ion Ratio Lower Upper
91 100
92 53.4 43.3 64.9
134 22.9 18.4 27.6





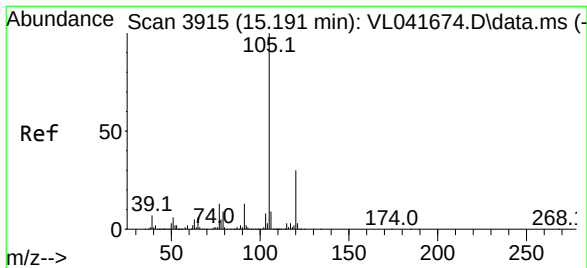
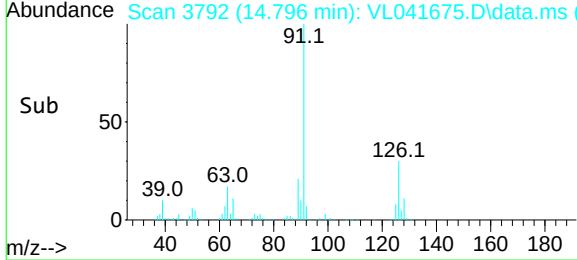
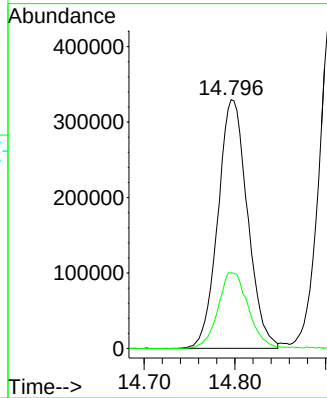
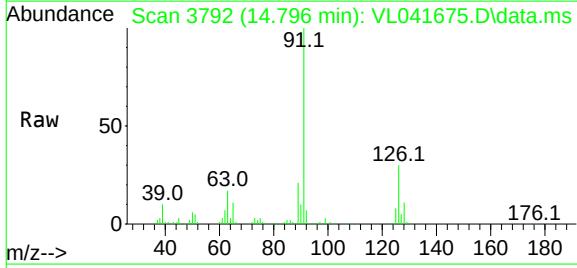
#71
2-Chlorotoluene
Concen: 2.238 ppbv
RT: 14.796 min Scan# 3792
Delta R.T. 0.000 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 745884
Ion Ratio Lower Upper
91 100
126 31.7 12.8 51.0

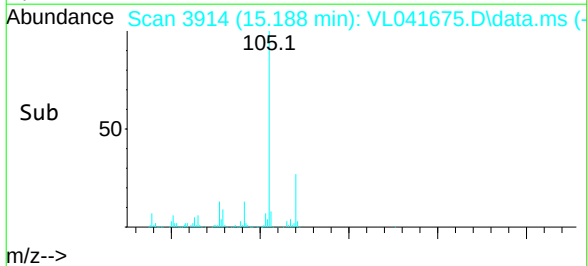
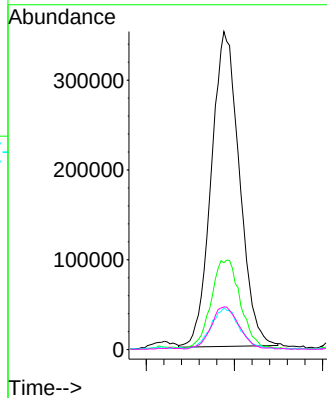
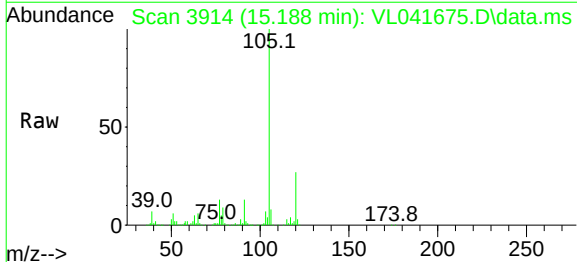
Manual Integrations
APPROVED

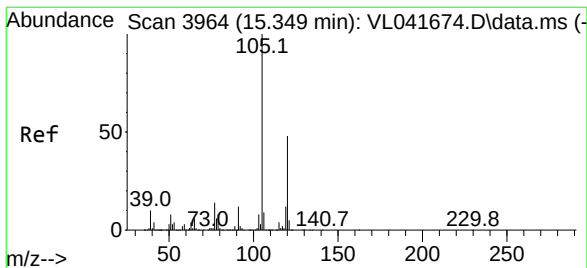
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#72
4-Ethyltoluene
Concen: 2.244 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.003 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Tgt Ion:105 Resp: 777952
Ion Ratio Lower Upper
105 100
120 31.1 25.0 37.4
91 13.5 10.6 15.8
77 14.0 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 2.274 ppbv

RT: 15.346 min Scan# 39

Delta R.T. -0.003 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 691387

Ion Ratio Lower Upper

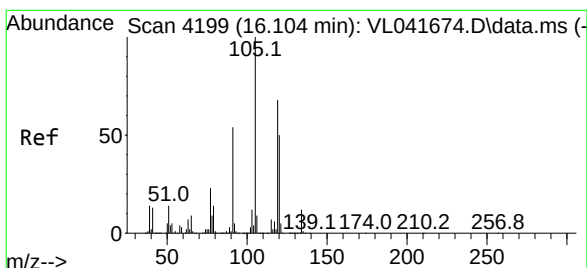
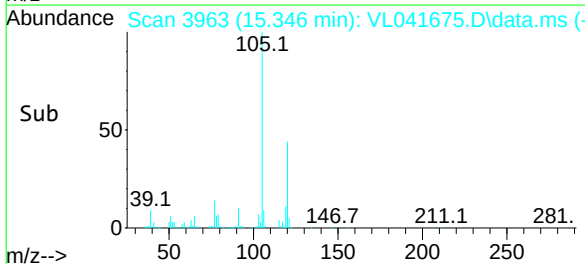
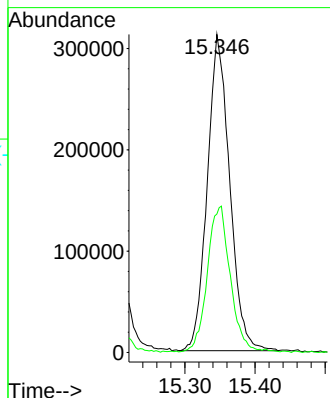
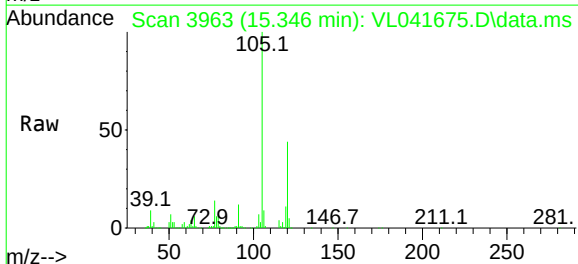
105 100

120 43.6 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#74

1,2,4-Trimethylbenzene

Concen: 2.252 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. -0.003 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

Tgt Ion:105 Resp: 796450

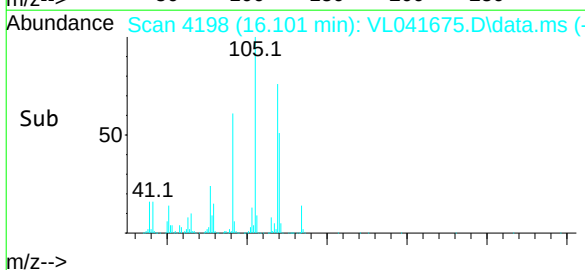
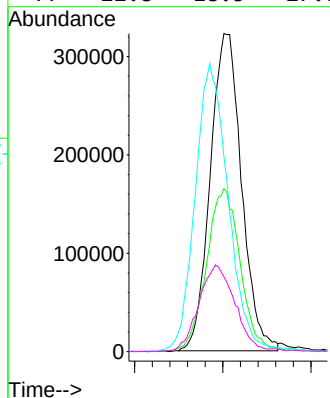
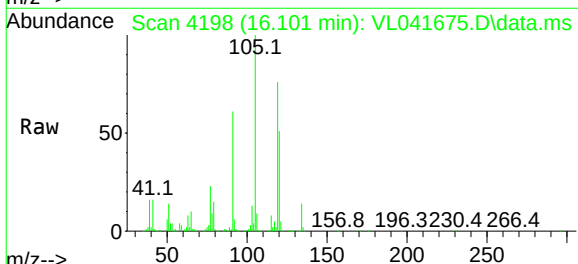
Ion Ratio Lower Upper

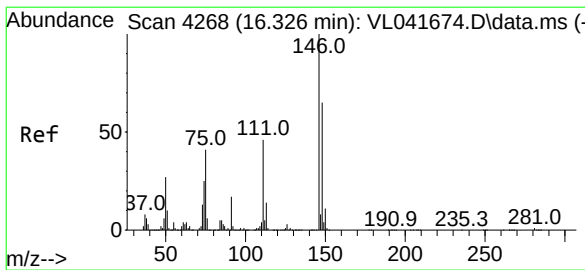
105 100

120 50.3 39.8 59.8

91 60.5 43.2 64.8

77 22.8 18.5 27.7





#75

1,3-Dichlorobenzene

Concen: 2.167 ppbv

RT: 16.329 min Scan# 4268

Delta R.T. 0.003 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

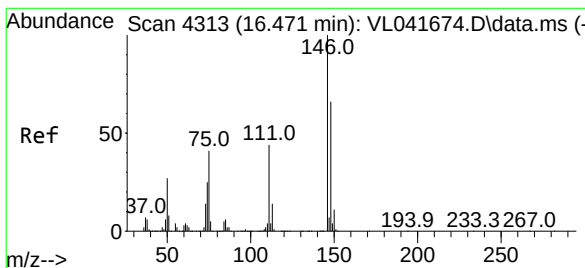
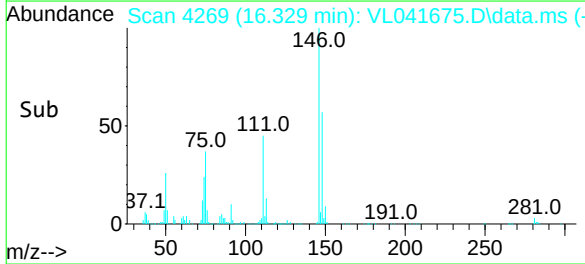
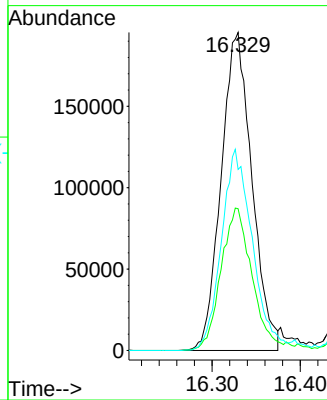
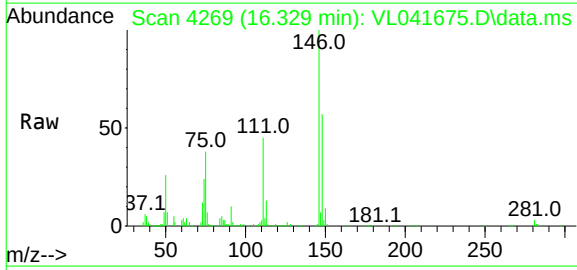
Tgt Ion:	146	Resp:	473241
Ion Ratio	Lower	Upper	
146	100		
111	46.4	22.8	68.3
148	65.2	32.4	97.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#76

1,4-Dichlorobenzene

Concen: 2.091 ppbv

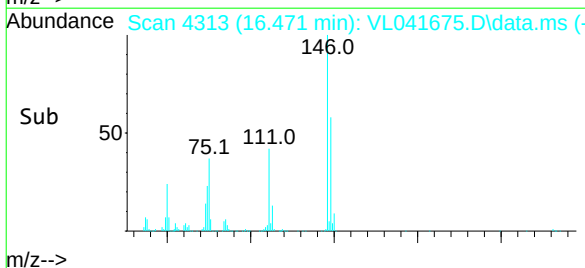
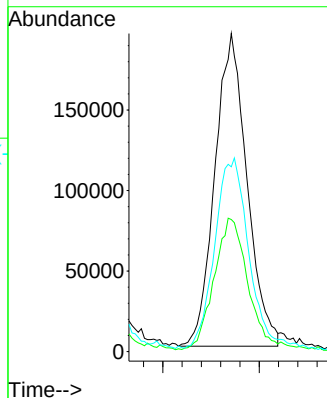
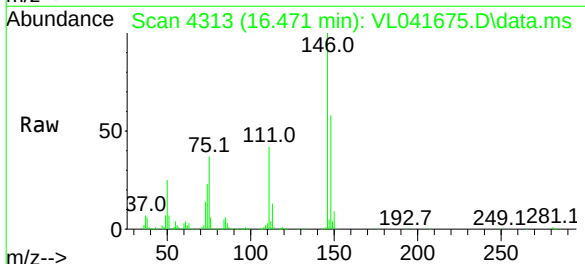
RT: 16.471 min Scan# 4313

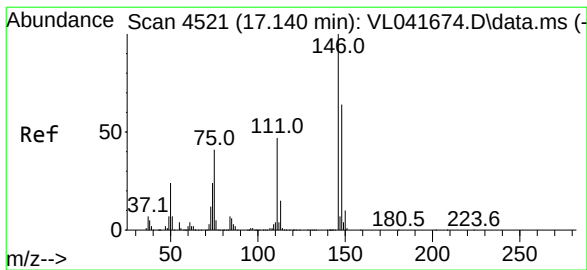
Delta R.T. 0.000 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

Tgt Ion:	146	Resp:	448788
Ion Ratio	Lower	Upper	
146	100		
111	47.2	22.1	66.3
148	67.7	33.3	99.8





#77

1,2-Dichlorobenzene

Concen: 2.149 ppbv

RT: 17.140 min Scan# 4521

Delta R.T. 0.000 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

Tgt Ion:146 Resp: 466190

Ion Ratio Lower Upper

146 100

111 47.4 23.4 70.3

148 67.2 32.1 96.5

Instrument :

MSVOA_L

ClientSampleId :

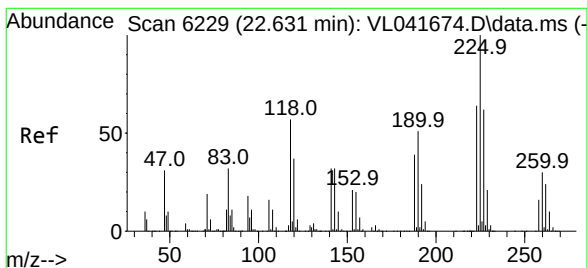
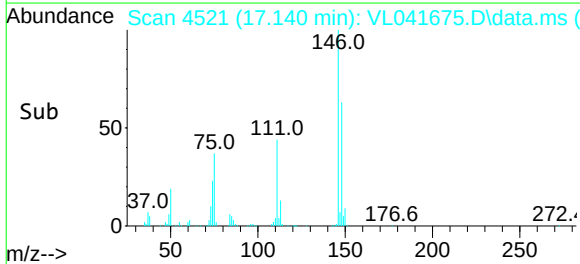
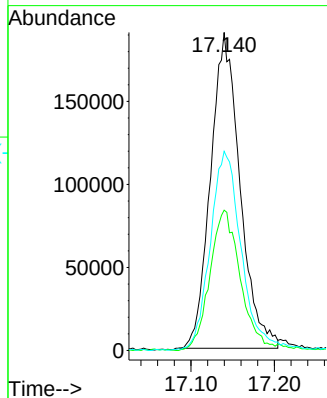
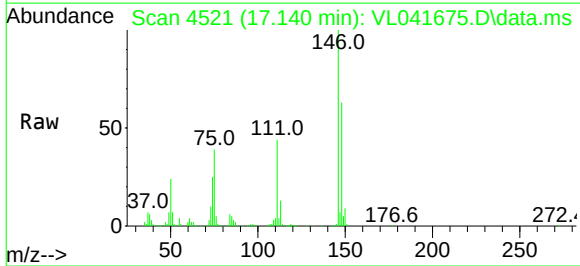
VSTDIC002

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#78

Hexachloro-1,3-Butadiene

Concen: 2.144 ppbv

RT: 22.628 min Scan# 6228

Delta R.T. -0.003 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

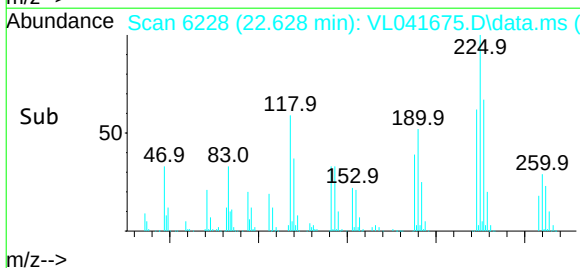
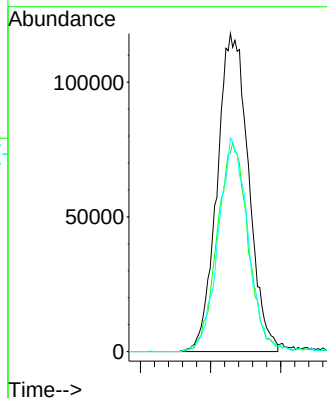
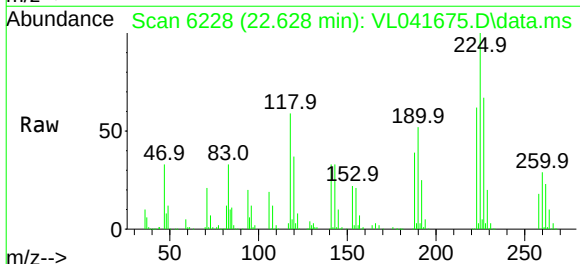
Tgt Ion:225 Resp: 367865

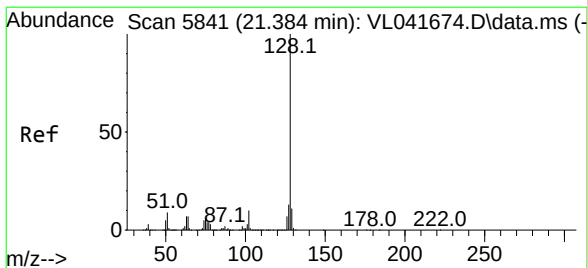
Ion Ratio Lower Upper

225 100

223 65.0 51.1 76.7

227 63.6 51.3 76.9





#79

Naphthalene

Concen: 2.478 ppbv

RT: 21.387 min Scan# 5841

Delta R.T. 0.003 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

Instrument :

MSVOA_L

ClientSampleId :

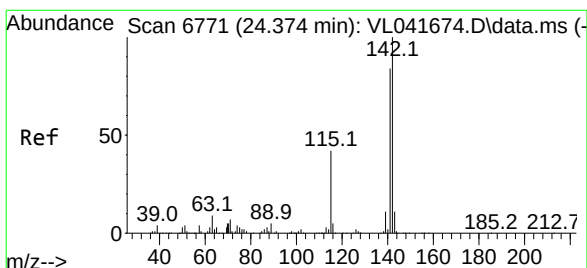
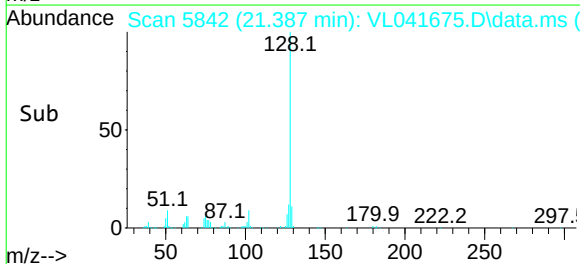
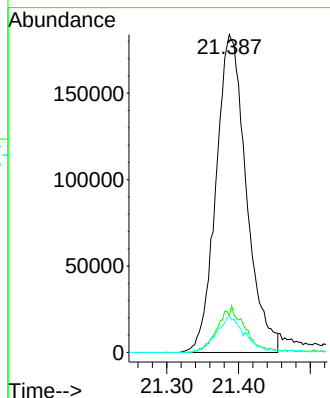
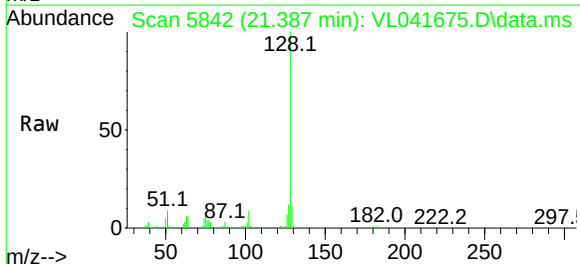
VSTDICC002

Tgt Ion:	128	Resp:	538842
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.5	15.7
129	11.4	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#80

Naphthalene, 2-methyl-

Concen: 2.513 ppbv

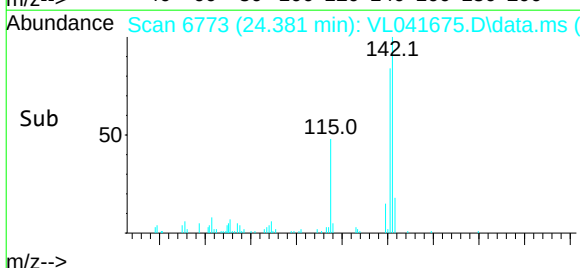
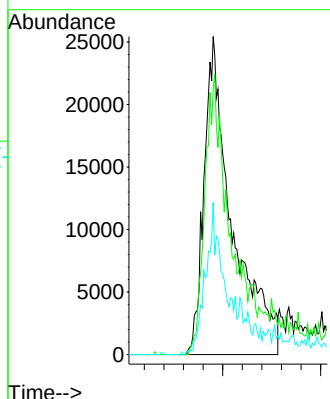
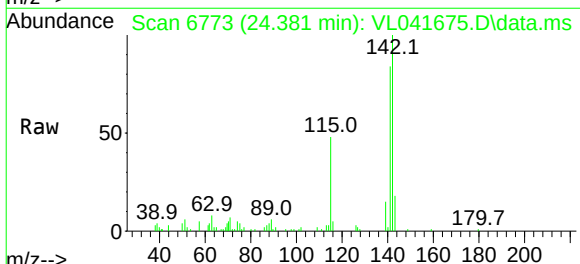
RT: 24.381 min Scan# 6773

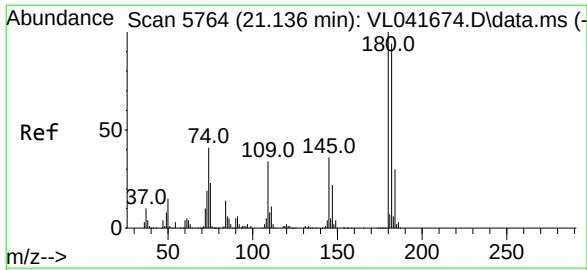
Delta R.T. 0.006 min

Lab File: VL041675.D

Acq: 7 Nov 2024 10:55

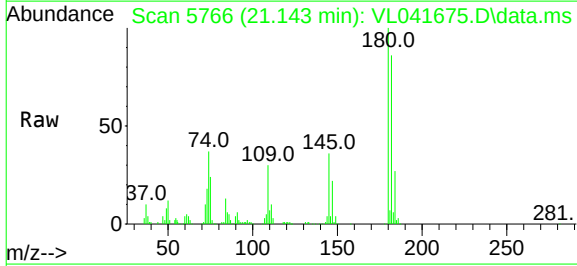
Tgt Ion:	142	Resp:	101409
Ion	Ratio	Lower	Upper
142	100		
141	88.0	68.1	102.1
115	37.6	33.1	49.7





#81
1,2,4-Trichlorobenzene
Concen: 2.127 ppbv
RT: 21.143 min Scan# 5766
Delta R.T. 0.006 min
Lab File: VL041675.D
Acq: 7 Nov 2024 10:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:180 Resp: 287687
Ion Ratio Lower Upper
180 100
182 99.1 78.2 117.2
184 30.6 25.0 37.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

