

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041680.D
 Acq On : 7 Nov 2024 14:12
 Operator : SY/MD
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Quant Time: Nov 08 00:13:20 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	5.192	49	1139788	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	3182548	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	3271350	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2357958	9.746	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.729	85	3118931	15.140	ppbv	99
3) Chlorodifluoromethane	2.674	51	2003229	13.489	ppbv	99
4) Chloromethane	2.813	50	1085629	13.801	ppbv	95
5) Vinyl Chloride	2.922	62	1061943	14.900	ppbv	99
6) Bromomethane	3.121	94	543873	14.489	ppbv	99
7) Chloroethane	3.198	64	374124	14.487	ppbv	99
8) Dichlorotetrafluoroethane	2.858	85	2471590	13.440	ppbv	100
9) Propene	2.694	41	906594	14.010	ppbv	99
10) Heptane	7.581	43	2284371	15.754	ppbv	98
11) Trichlorofluoromethane	3.562	101	2504580	13.958	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.067	101	1834846	14.068	ppbv	100
13) Ethanol	3.250	45	50975m	12.664	ppbv	
14) Bromoethene	3.366	108	755053	14.401	ppbv	98
15) Acetone	3.469	43	1886393	13.448	ppbv	99
16) 1,3-Butadiene	2.986	39	1081107	15.371	ppbv	99
17) tert-Butyl alcohol	3.880	59	1663672	13.516	ppbv	100
18) 1,1-Dichloroethene	3.880	96	834933	14.596	ppbv	93
19) Isopropyl Alcohol	3.575	45	910280	13.406	ppbv	100
20) Methylene Chloride	3.932	84	687212	13.313	ppbv	96
21) Allyl Chloride	3.996	41	1317025	15.194	ppbv	99
22) trans-1,2-Dichloroethene	4.446	96	842095	14.755	ppbv	97
23) Vinyl Acetate	4.626	43	926796	14.047	ppbv	98
24) 1,1-Dichloroethane	4.565	63	1790354	14.103	ppbv	99
25) Ethyl Acetate	5.205	43	4234322	14.583	ppbv	100
26) Hexane	5.211	57	1693823	15.184	ppbv	96
27) Carbon Disulfide	4.124	76	2071779	16.531	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	988726	13.764	ppbv	99
29) Chloroform	5.276	83	2615593	14.204	ppbv	98
30) Cyclohexane	6.600	84	1445757	16.132	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	1655410	15.426	ppbv	98
32) 1,1,1-Trichloroethane	6.005	97	2576420	15.262	ppbv	99
34) 2-Butanone	4.787	43	2382292	15.033	ppbv	100
35) Carbon Tetrachloride	6.497	117	2728914	16.220	ppbv	98
36) Benzene	6.372	78	3579956	15.182	ppbv	100
37) 1,2-Dichloroethane	5.809	62	1992504	14.978	ppbv	99
38) Trichloroethene	7.295	130	1492186	16.410	ppbv	98
39) 1,2-Dichloropropane	7.076	63	1405373	15.081	ppbv	99
40) 1,4-Dioxane	7.285	88	545340	16.521	ppbv	93
41) Tetrahydrofuran	5.555	42	1449986	16.040	ppbv	99
42) Bromodichloromethane	7.253	83	2869440	15.522	ppbv	99
43) Methyl Methacrylate	7.475	69	1439612	17.388	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	5922866	14.828	ppbv	100
45) t-1,3-Dichloropropene	8.713	75	1469151	19.850	ppbv	97

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Instrument :
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 ClientSampleId :
 VSTDICC015

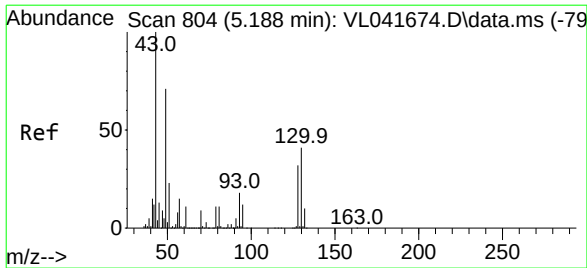
Manual Integrations
 APPROVED

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

Quant Time: Nov 08 00:13:20 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
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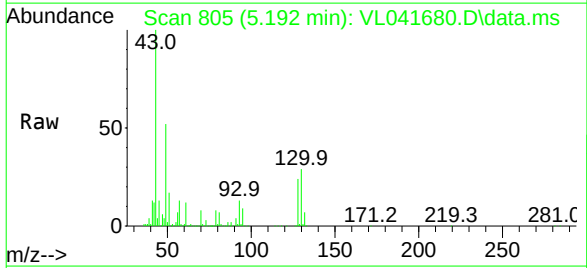
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.144	75	1964082	18.259	ppbv	98
47) 1,1,2-Trichloroethane	8.902	97	1496508	14.895	ppbv	99
48) Dibromochloromethane	9.713	129	2521147	16.444	ppbv	100
49) Bromoform	12.413	173	2265132	17.318	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	3873850	15.919	ppbv	99
51) 2-Hexanone	9.552	43	3096656	17.512	ppbv #	99
52) Tetrachloroethene	10.616	164	1362327	16.900	ppbv	98
53) Toluene	9.224	91	4192947	16.909	ppbv	100
54) 1,2-Dibromoethane	10.012	107	2047188	17.451	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.510	131	1851127	13.588	ppbv	98
57) Chlorobenzene	11.529	112	3280487	13.453	ppbv	99
58) Ethyl Benzene	12.092	91	5635176	15.550	ppbv	98
59) m/p-Xylene	12.372	91	9532832m	29.406	ppbv	
60) o-Xylene	13.063	91	4598783	14.859	ppbv	100
61) Styrene	12.902	104	2329096	18.233	ppbv	100
62) Isopropylbenzene	14.031	105	6769619	14.169	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.050	83	3217179	14.277	ppbv	100
64) n-propylbenzene	14.918	120	1875181	15.010	ppbv	95
65) tert-Butylbenzene	16.095	119	6075642	14.149	ppbv	100
66) Benzyl Chloride	16.333	91	602019	19.466	ppbv	99
67) sec-Butylbenzene	16.638	105	8477471	14.008	ppbv	99
69) p-Isopropyltoluene	16.999	119	7127872	14.562	ppbv	99
70) n-Butylbenzene	17.889	91	7337569	14.625	ppbv	98
71) 2-Chlorotoluene	14.806	91	5195848	15.038	ppbv	99
72) 4-Ethyltoluene	15.198	105	5625512	15.652	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	4772611	15.144	ppbv	99
74) 1,2,4-Trimethylbenzene	16.114	105	5199497	14.183	ppbv	95
75) 1,3-Dichlorobenzene	16.336	146	3296952	14.559	ppbv	100
76) 1,4-Dichlorobenzene	16.478	146	3204404	14.402	ppbv	100
77) 1,2-Dichlorobenzene	17.150	146	3223835	14.336	ppbv	100
78) Hexachloro-1,3-Butadiene	22.638	225	2162938	12.158	ppbv	99
79) Naphthalene	21.391	128	4363777	19.355	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	967466m	23.129	ppbv	
81) 1,2,4-Trichlorobenzene	21.146	180	2238509	15.962	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.004 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

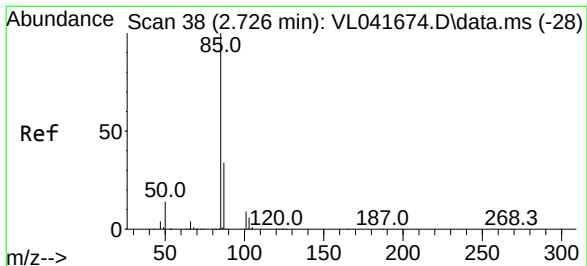
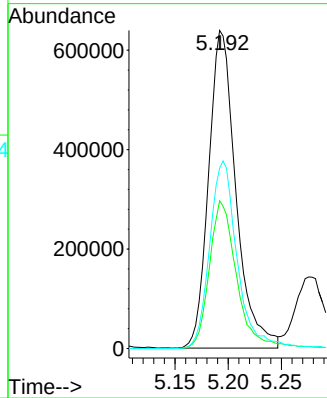
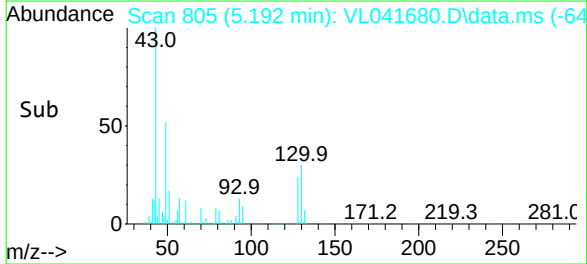
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 49 Resp: 1139788
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.2
130 60.9 30.1 90.5

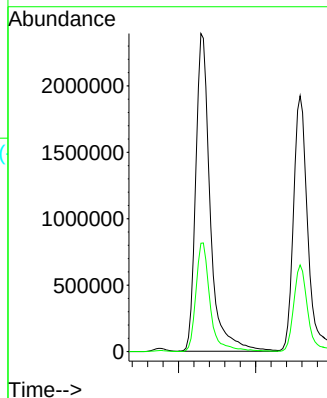
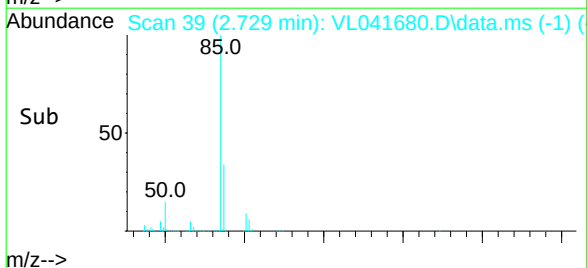
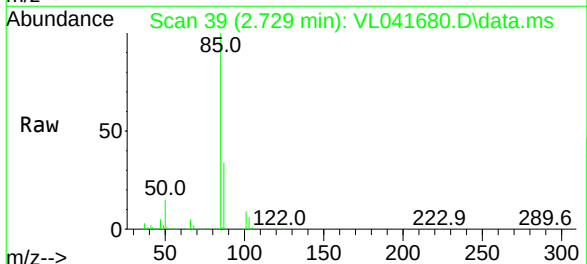
Manual Integrations
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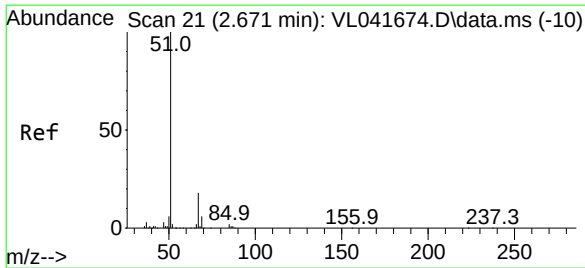
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#2
Dichlorodifluoromethane
Concen: 15.140 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Tgt Ion: 85 Resp: 3118931
Ion Ratio Lower Upper
85 100
87 34.1 26.8 40.2





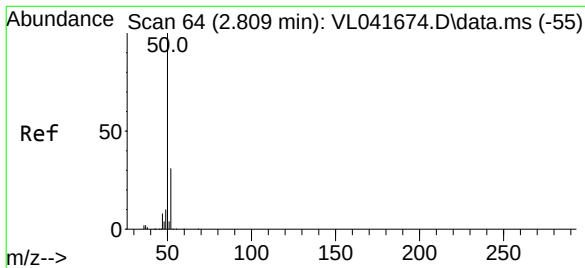
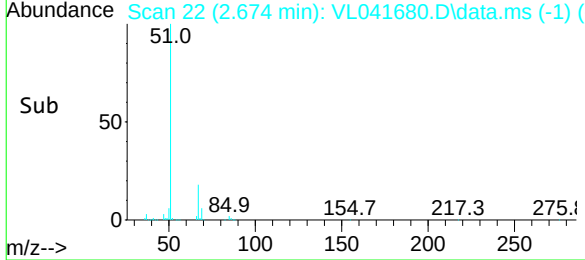
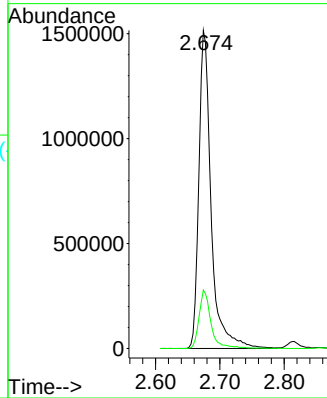
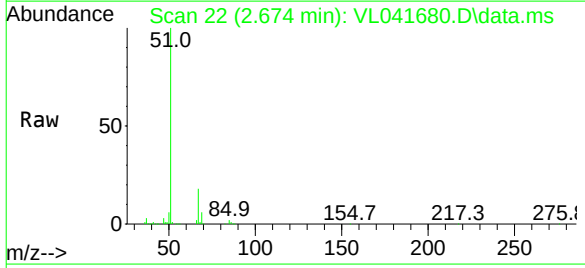
#3
Chlorodifluoromethane
Concen: 13.489 ppbv
RT: 2.674 min Scan# 22
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 51 Resp: 2003229
Ion Ratio Lower Upper
51 100
67 18.0 13.9 20.9

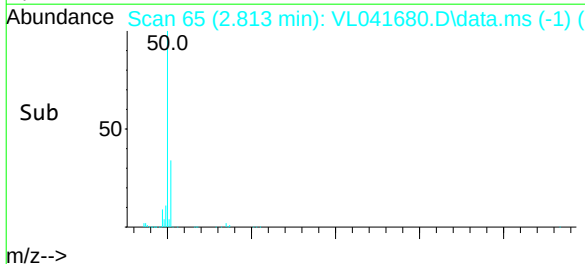
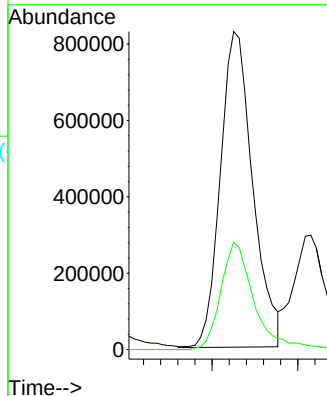
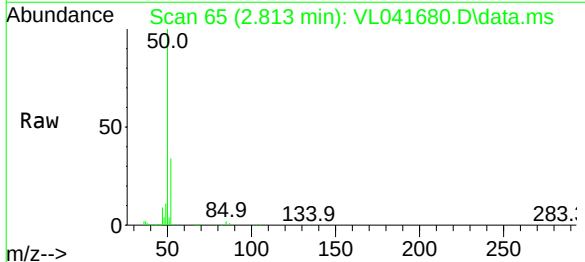
Manual Integrations
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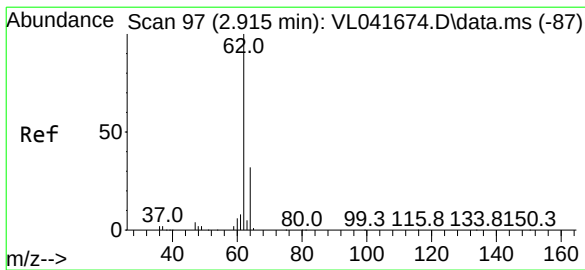
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#4
Chloromethane
Concen: 13.801 ppbv
RT: 2.813 min Scan# 65
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

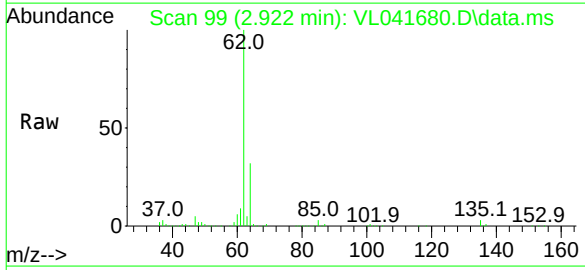
Tgt Ion: 50 Resp: 1085629
Ion Ratio Lower Upper
50 100
52 34.1 24.9 37.3





#5
 Vinyl Chloride
 Concen: 14.900 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.007 min
 Lab File: VL041680.D
 Acq: 7 Nov 2024 14:12

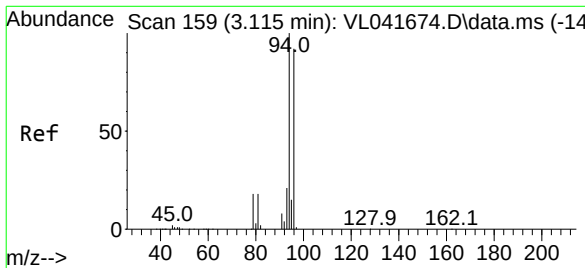
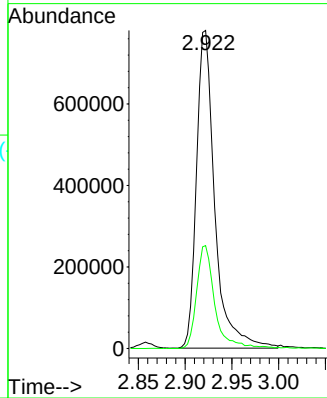
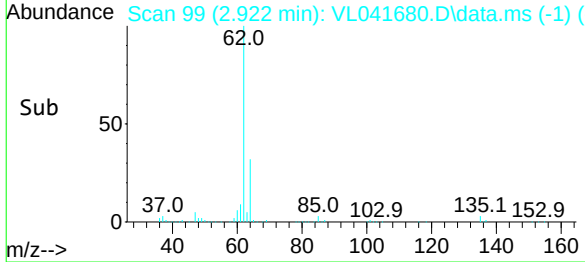
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015



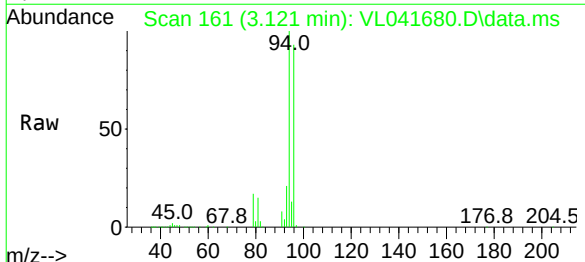
Tgt Ion: 62 Resp: 1061943
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.4 38.2

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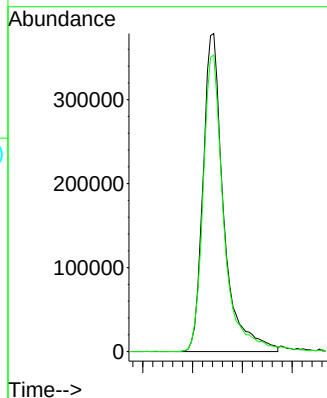
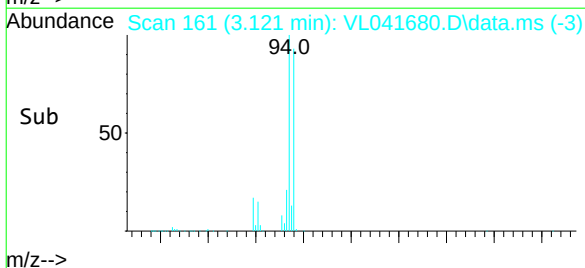
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

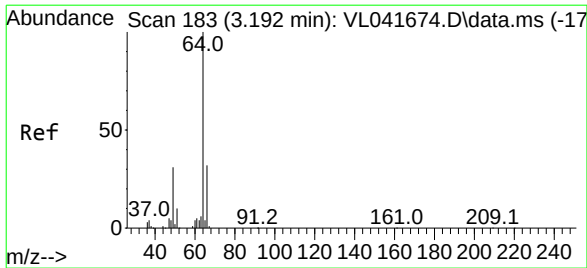


#6
 Bromomethane
 Concen: 14.489 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.007 min
 Lab File: VL041680.D
 Acq: 7 Nov 2024 14:12



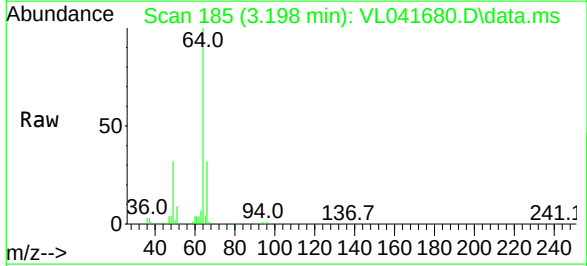
Tgt Ion: 94 Resp: 543873
 Ion Ratio Lower Upper
 94 100
 96 93.2 73.4 110.2





#7
Chloroethane
Concen: 14.487 ppbv
RT: 3.198 min Scan# 18
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

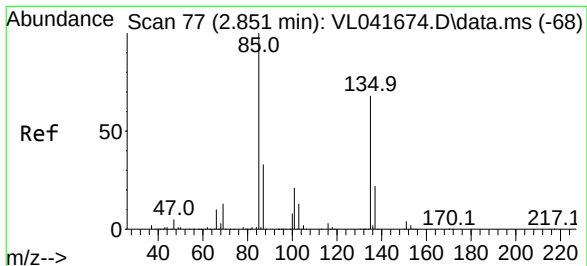
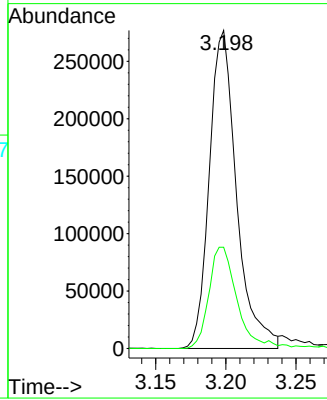
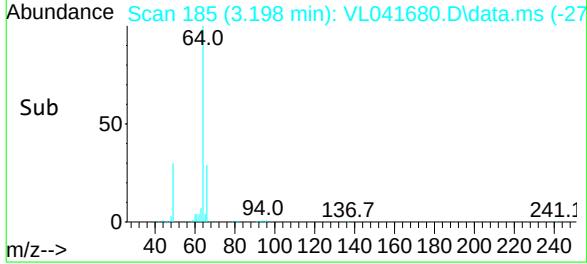
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion: 64 Resp: 374124
Ion Ratio Lower Upper
64 100
66 31.8 25.9 38.9

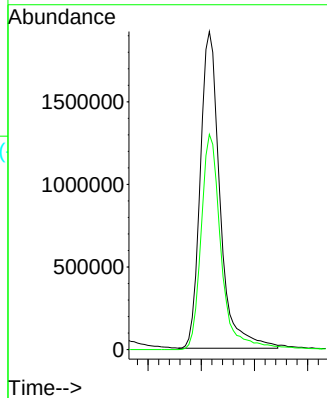
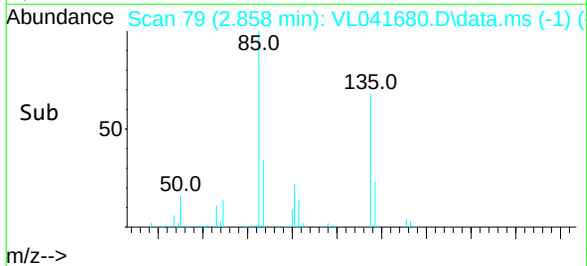
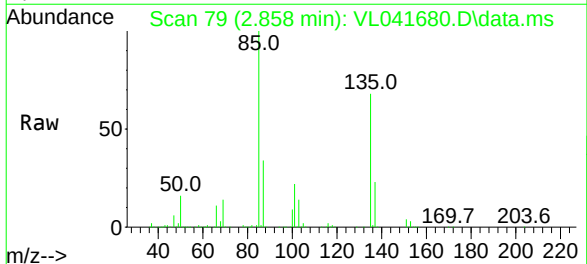
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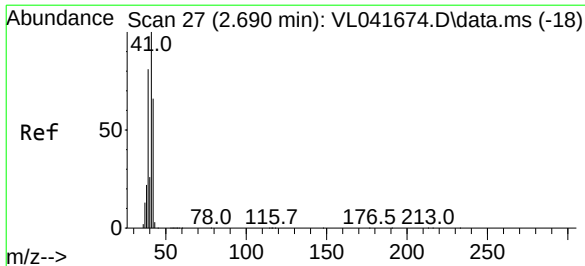
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#8
Dichlorotetrafluoroethane
Concen: 13.440 ppbv
RT: 2.858 min Scan# 79
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Tgt Ion: 85 Resp: 2471590
Ion Ratio Lower Upper
85 100
135 69.7 55.5 83.3





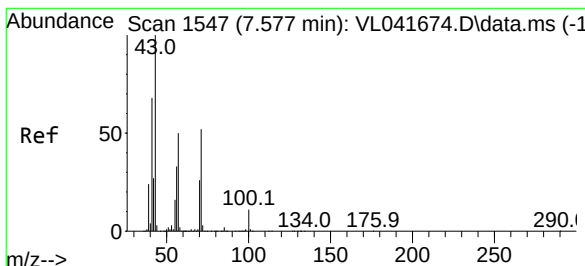
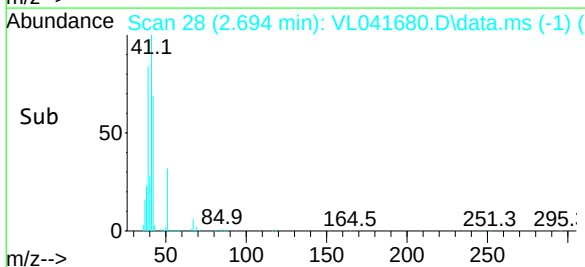
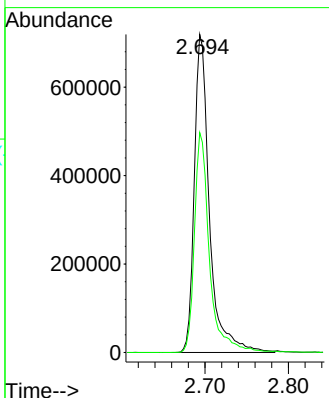
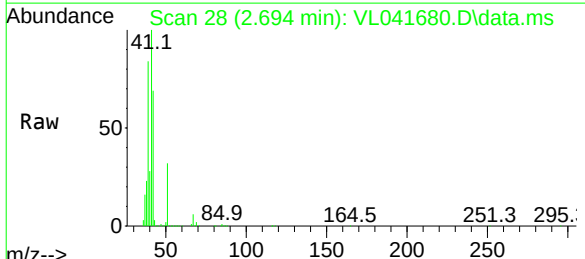
#9
Propene
Concen: 14.010 ppbv
RT: 2.694 min Scan# 28
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 41 Resp: 906594
Ion Ratio Lower Upper
41 100
42 69.2 55.0 82.4

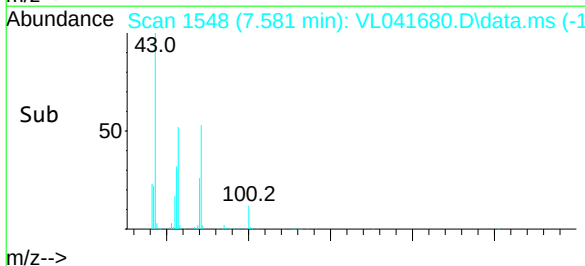
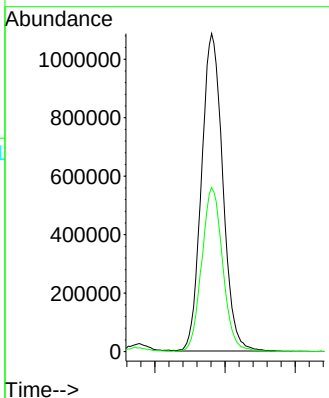
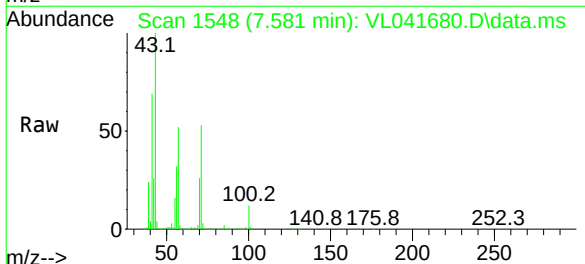
Manual Integrations
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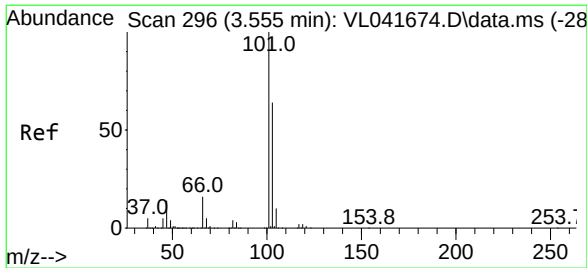
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#10
Heptane
Concen: 15.754 ppbv
RT: 7.581 min Scan# 1548
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Tgt Ion: 43 Resp: 2284371
Ion Ratio Lower Upper
43 100
57 51.0 40.0 60.0





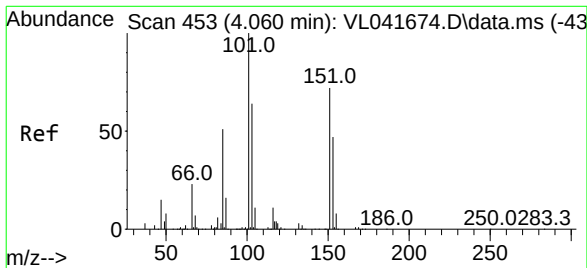
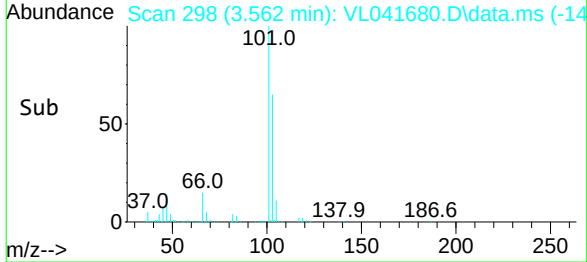
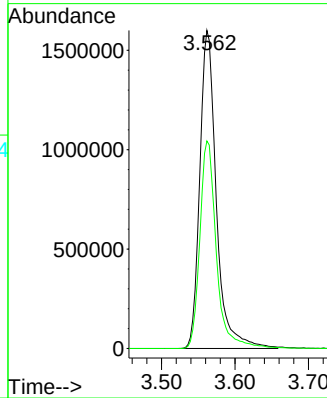
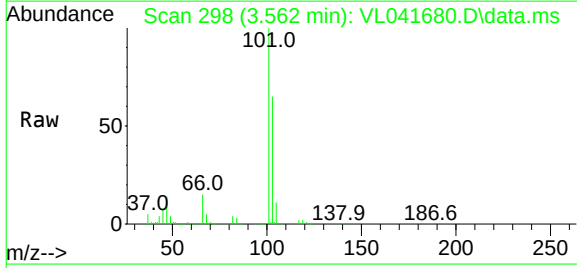
#11
Trichlorofluoromethane
Concen: 13.958 ppbv
RT: 3.562 min Scan# 296
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:101 Resp: 2504580
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.6

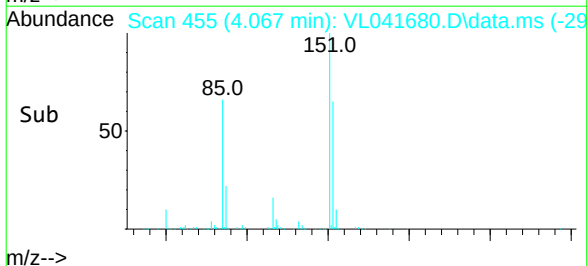
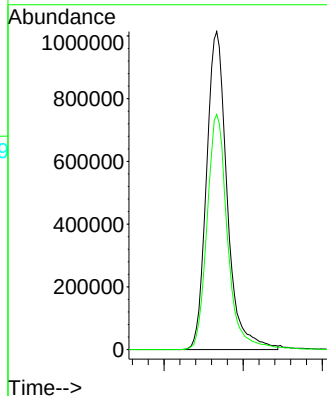
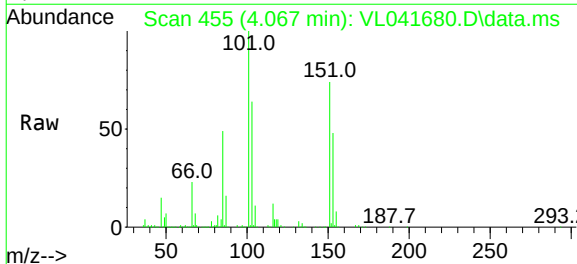
Manual Integrations
APPROVED

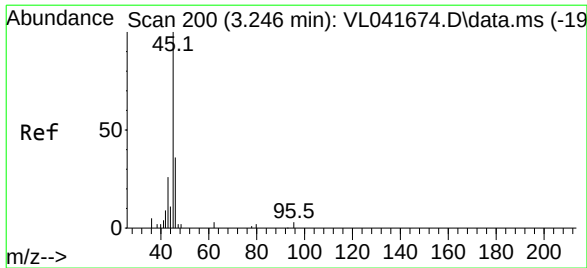
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 14.068 ppbv
RT: 4.067 min Scan# 455
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

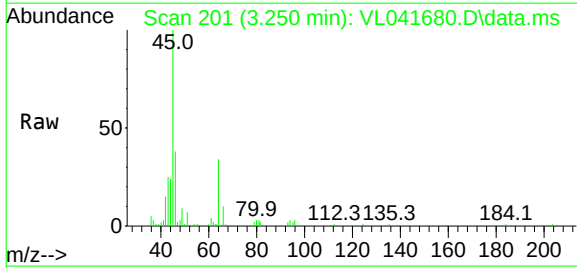
Tgt Ion:101 Resp: 1834846
Ion Ratio Lower Upper
101 100
151 73.7 59.1 88.7





#13
Ethanol
Concen: 12.664 ppbv m
RT: 3.250 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

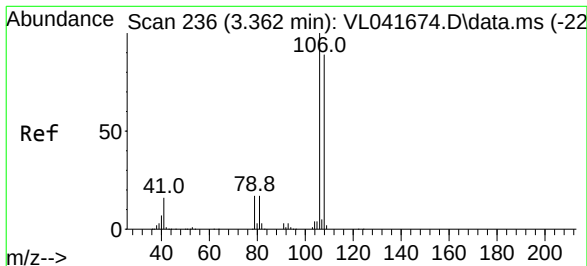
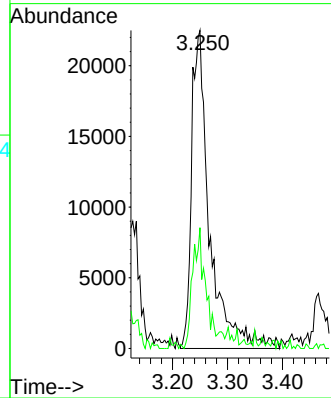
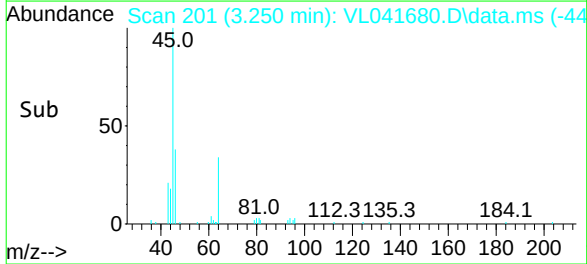
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



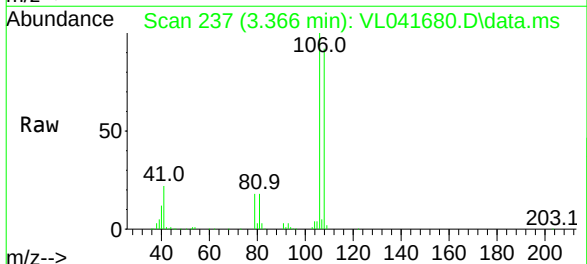
Tgt Ion: 45 Resp: 50975
Ion Ratio Lower Upper
45 100
46 30.2 13.8 55.2

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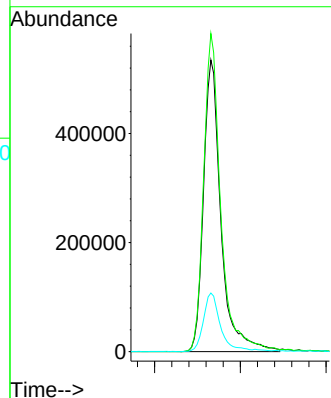
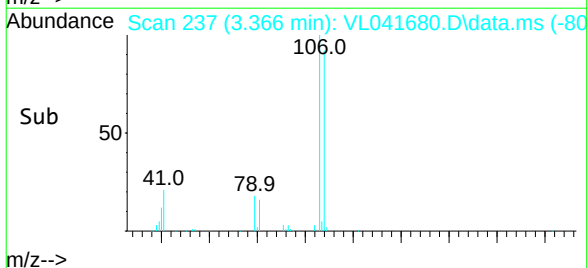
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

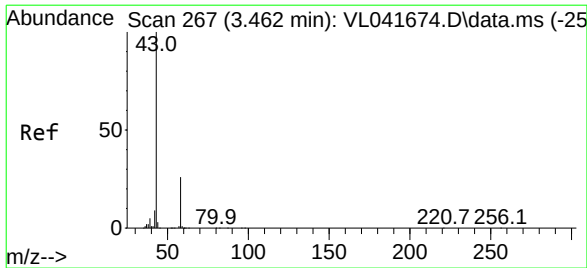


#14
Bromoethene
Concen: 14.401 ppbv
RT: 3.366 min Scan# 237
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12



Tgt Ion:108 Resp: 755053
Ion Ratio Lower Upper
108 100
106 108.4 88.6 133.0
79 20.3 15.6 23.4





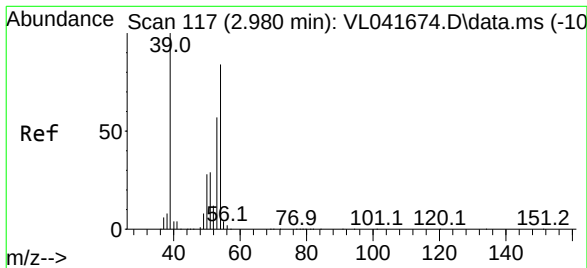
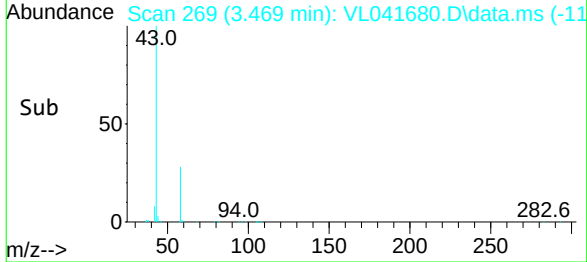
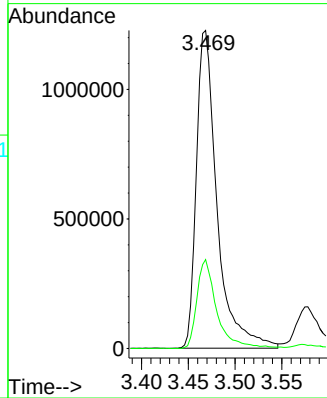
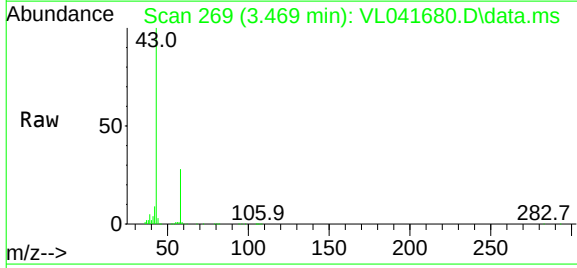
#15
Acetone
Concen: 13.448 ppbv
RT: 3.469 min Scan# 267
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 1886393
Ion Ratio Lower Upper
43 100
58 27.1 21.4 32.0

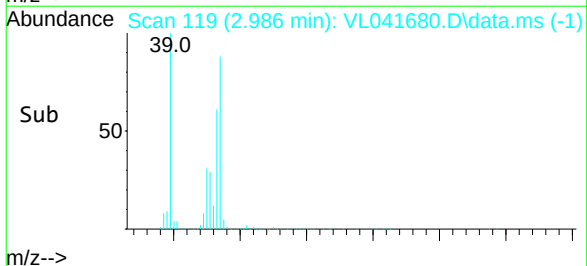
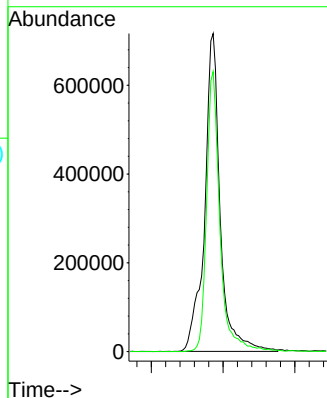
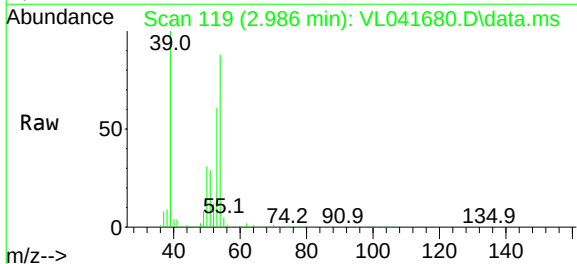
Manual Integrations
APPROVED

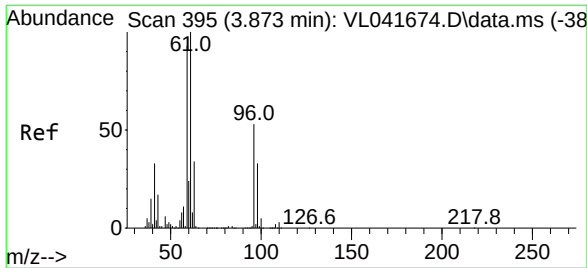
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#16
1,3-Butadiene
Concen: 15.371 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Tgt Ion: 39 Resp: 1081107
Ion Ratio Lower Upper
39 100
54 75.5 61.3 91.9





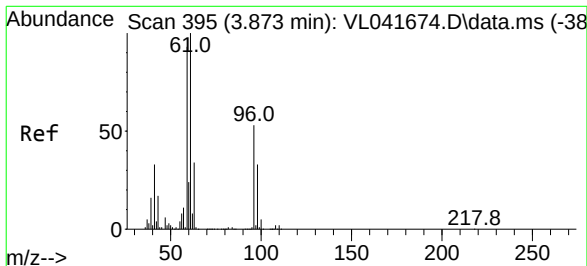
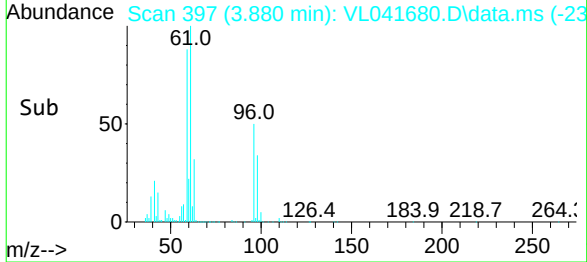
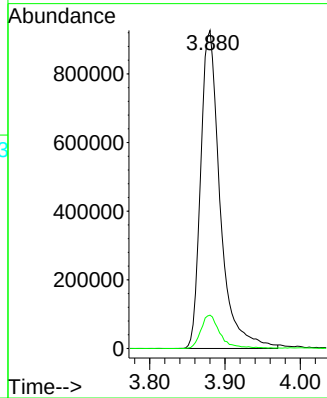
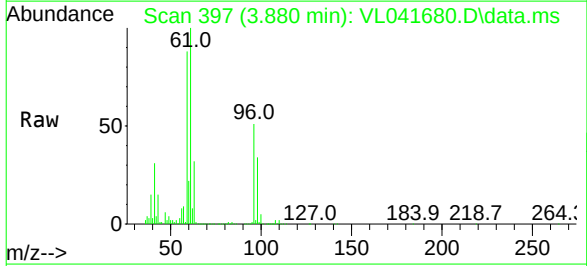
#17
tert-Butyl alcohol
Concen: 13.516 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 1663672
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

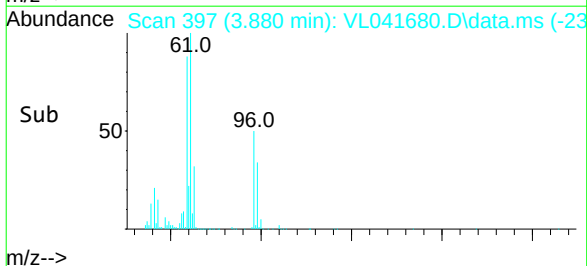
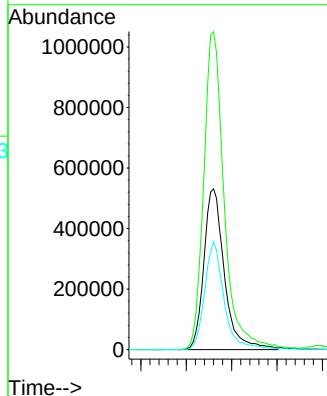
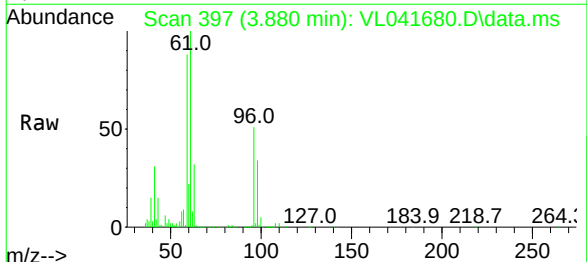
Manual Integrations
APPROVED

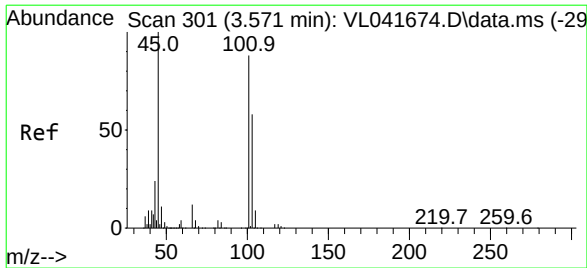
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#18
1,1-Dichloroethene
Concen: 14.596 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

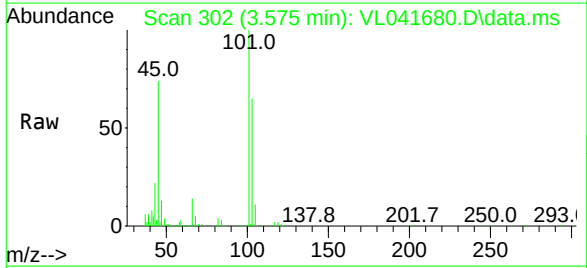
Tgt Ion: 96 Resp: 834933
Ion Ratio Lower Upper
96 100
61 198.0 150.7 226.1
98 67.2 49.4 74.2





#19
Isopropyl Alcohol
Concen: 13.406 ppbv
RT: 3.575 min Scan# 301
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

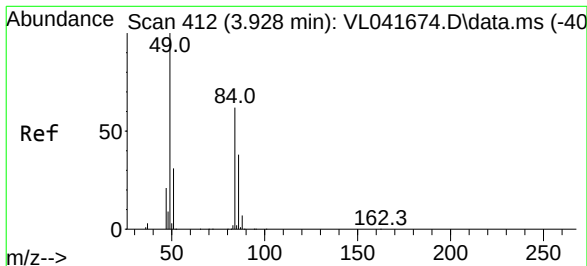
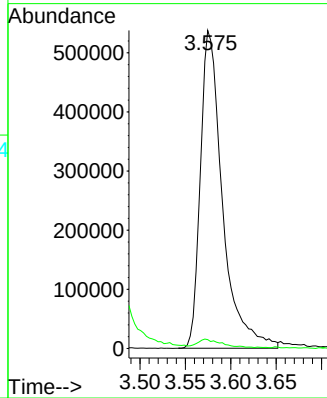
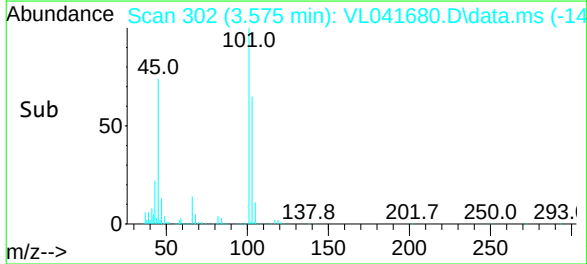
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 45 Resp: 910280
Ion Ratio Lower Upper
45 100
58 3.1 2.5 3.7

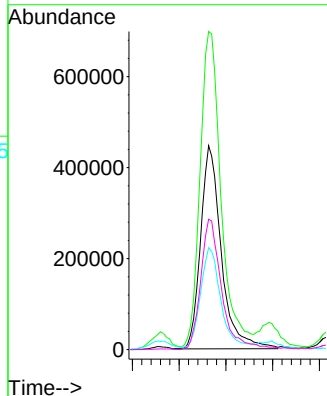
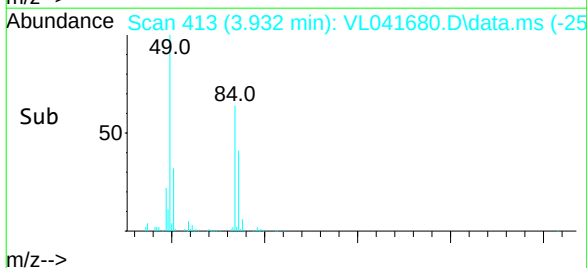
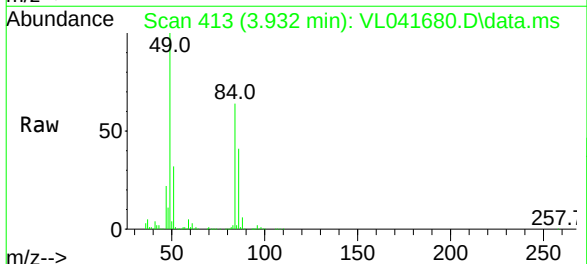
Manual Integrations
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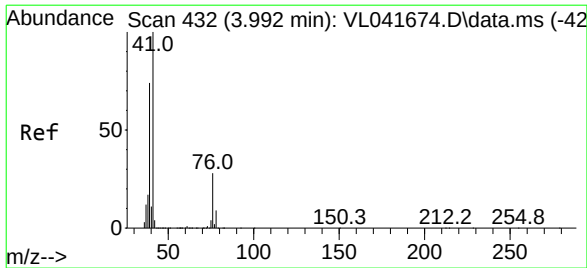
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#20
Methylene Chloride
Concen: 13.313 ppbv
RT: 3.932 min Scan# 413
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Tgt Ion: 84 Resp: 687212
Ion Ratio Lower Upper
84 100
49 155.1 129.7 194.5
51 48.9 39.8 59.6
86 64.1 49.1 73.7





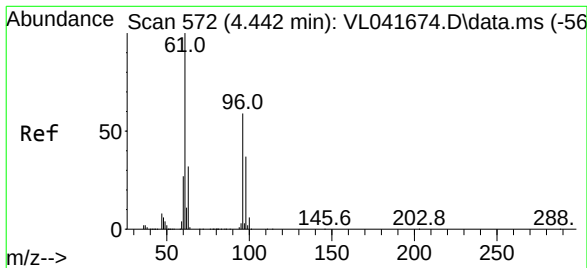
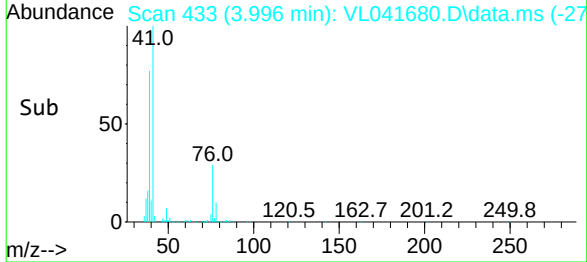
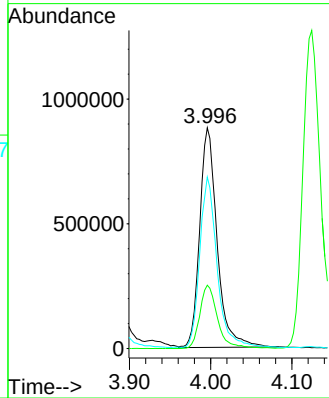
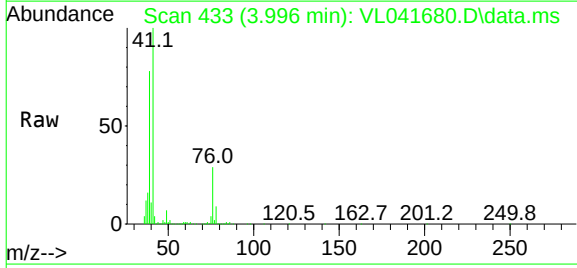
#21
 Allyl Chloride
 Concen: 15.194 ppbv
 RT: 3.996 min Scan# 432
 Delta R.T. 0.003 min
 Lab File: VL041680.D
 Acq: 7 Nov 2024 14:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 41 Resp: 1317025
 Ion Ratio Lower Upper
 41 100
 76 29.3 23.5 35.3
 39 77.7 63.0 94.4

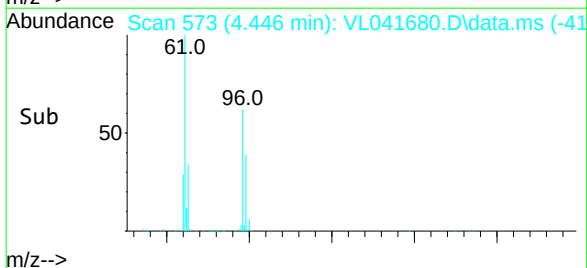
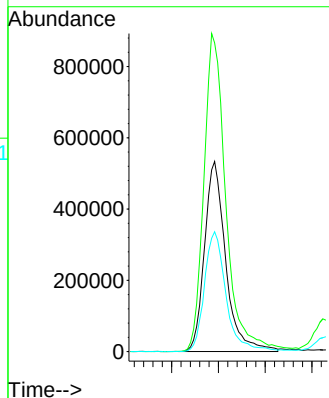
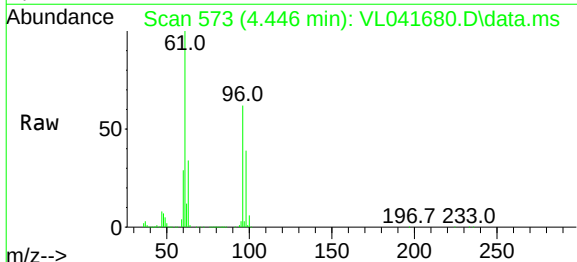
Manual Integrations
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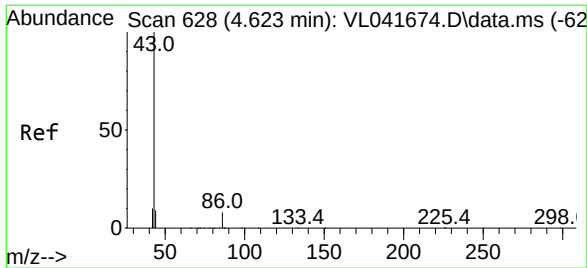
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 14.755 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.003 min
 Lab File: VL041680.D
 Acq: 7 Nov 2024 14:12

Tgt Ion: 96 Resp: 842095
 Ion Ratio Lower Upper
 96 100
 61 162.3 134.5 201.7
 98 62.9 49.6 74.4





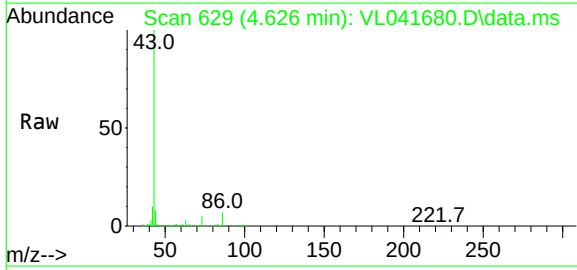
#23
 Vinyl Acetate
 Concen: 14.047 ppbv
 RT: 4.626 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VL041680.D
 Acq: 7 Nov 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

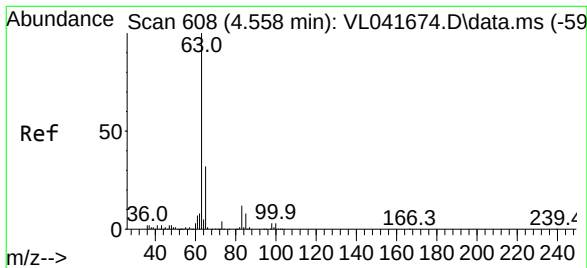
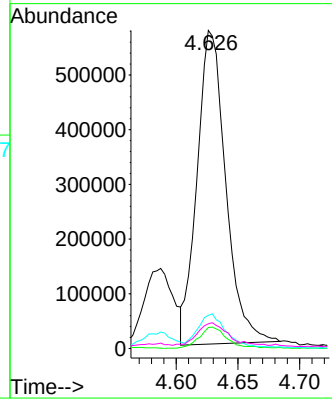
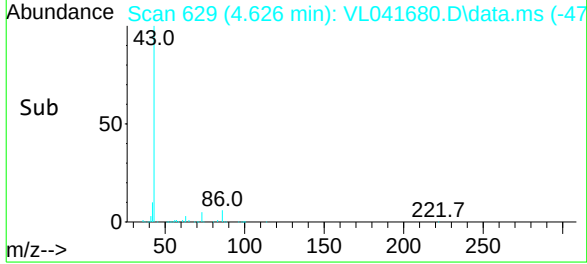


Tgt Ion: 43 Resp: 926796
 Ion Ratio Lower Upper
 43 100
 86 6.4 5.3 7.9
 42 10.1 8.5 12.7
 44 6.9 6.7 10.1

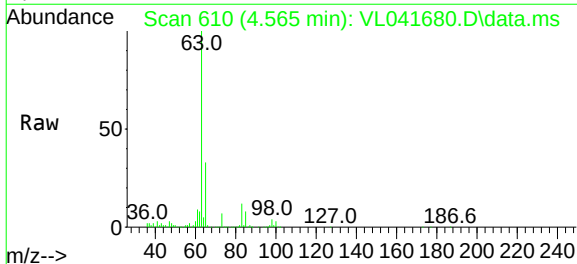
Manual Integrations

APPROVED

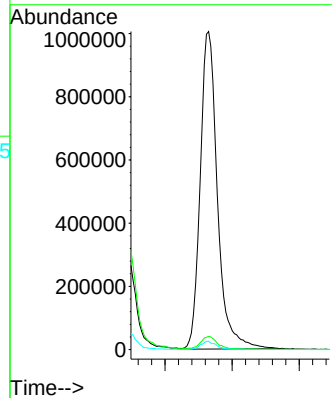
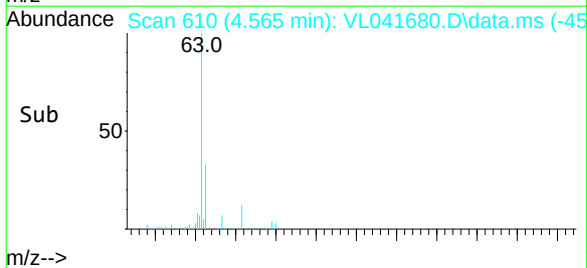
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

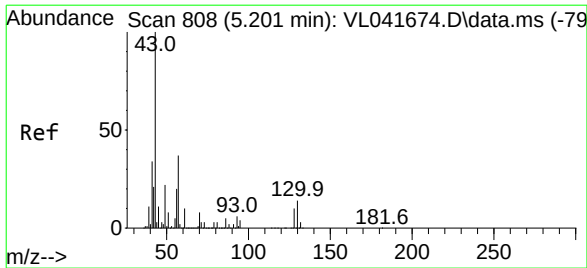


#24
 1,1-Dichloroethane
 Concen: 14.103 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.007 min
 Lab File: VL041680.D
 Acq: 7 Nov 2024 14:12



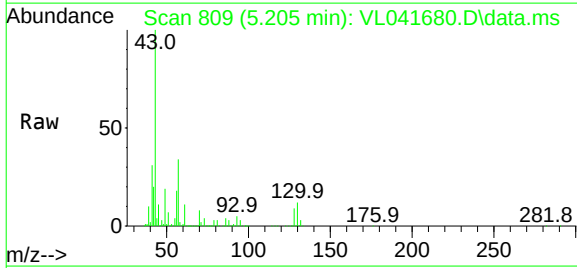
Tgt Ion: 63 Resp: 1790354
 Ion Ratio Lower Upper
 63 100
 98 4.1 1.8 5.4
 100 2.6 1.4 4.2





#25
Ethyl Acetate
Concen: 14.583 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

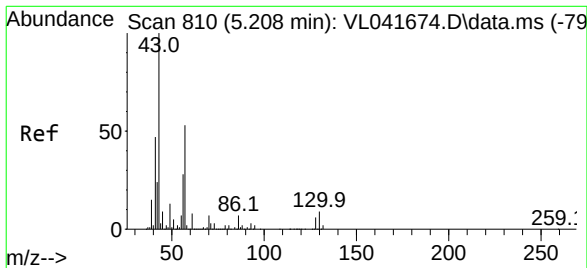
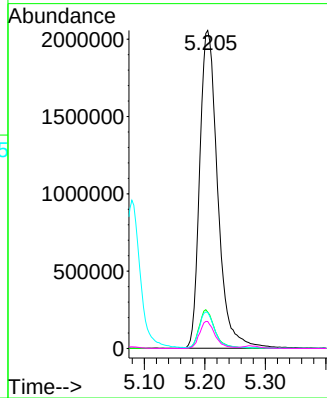
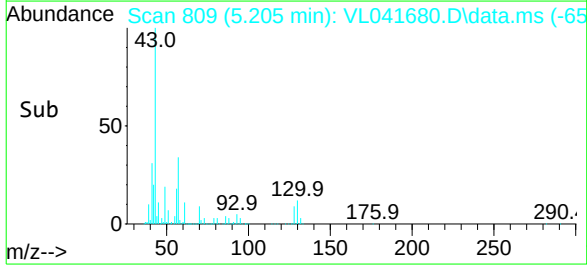
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 4234322
Ion Ratio Lower Upper
43 100
45 10.9 8.6 13.0
61 10.4 8.4 12.6
70 7.5 5.8 8.6

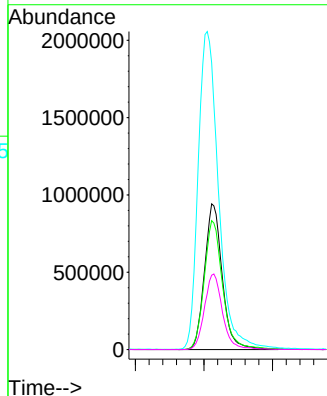
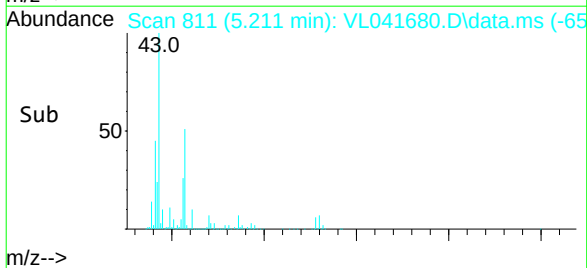
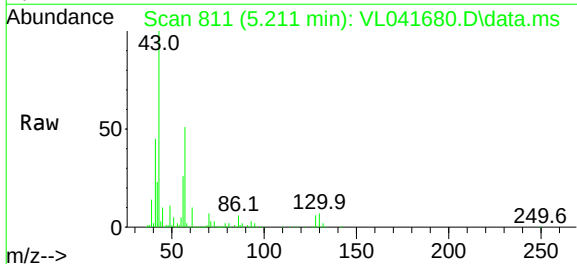
Manual Integrations
APPROVED

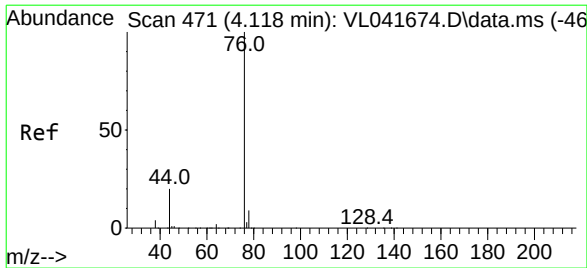
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#26
Hexane
Concen: 15.184 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

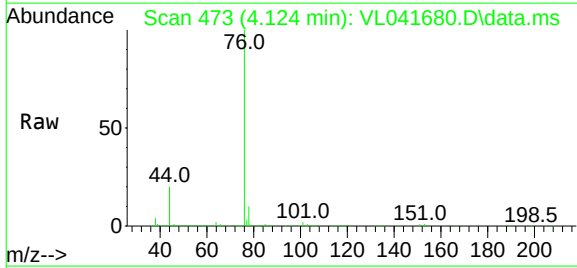
Tgt Ion: 57 Resp: 1693823
Ion Ratio Lower Upper
57 100
41 92.5 76.1 114.1
43 250.9 207.0 310.6
56 53.1 43.7 65.5





#27
Carbon Disulfide
Concen: 16.531 ppbv
RT: 4.124 min Scan# 471
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

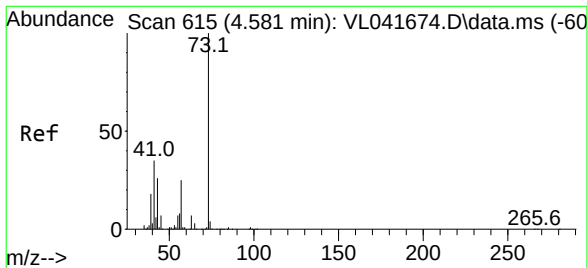
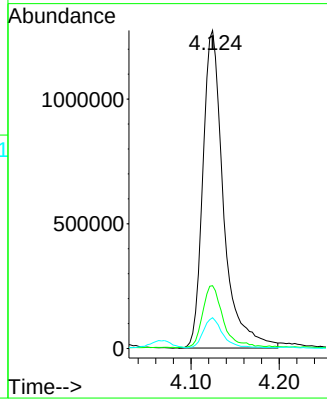
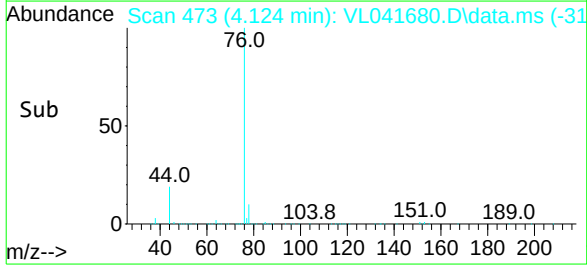
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 76 Resp: 2071779
Ion Ratio Lower Upper
76 100
44 20.4 15.8 23.8
78 9.5 7.5 11.3

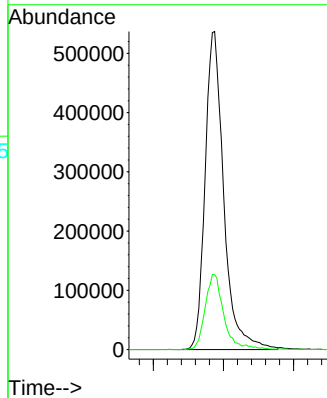
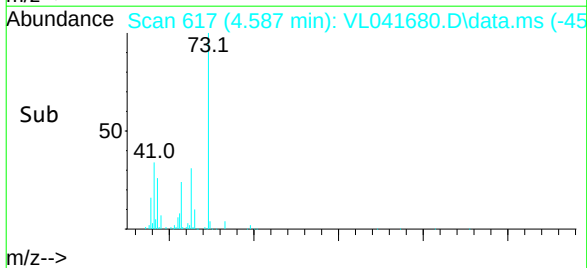
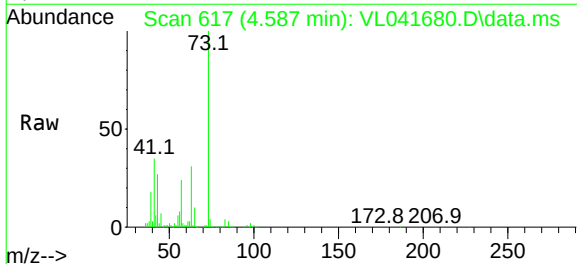
Manual Integrations
APPROVED

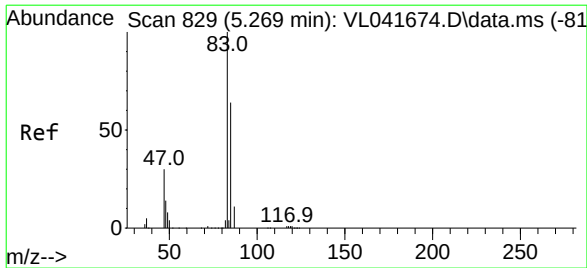
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#28
Methyl tert-Butyl Ether
Concen: 13.764 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Tgt Ion: 73 Resp: 988726
Ion Ratio Lower Upper
73 100
57 23.9 19.6 29.4





#29

Chloroform

Concen: 14.204 ppbv

RT: 5.276 min Scan# 83

Delta R.T. 0.007 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 83 Resp: 2615593

Ion Ratio Lower Upper

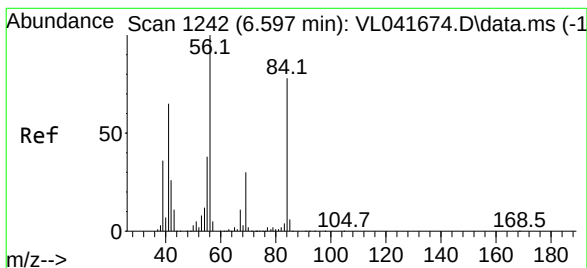
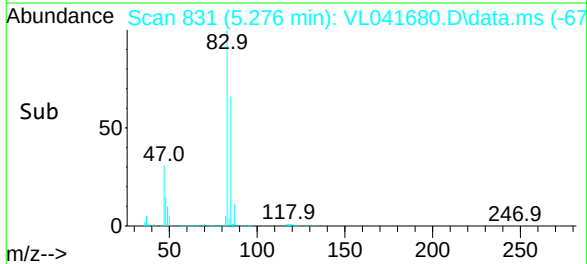
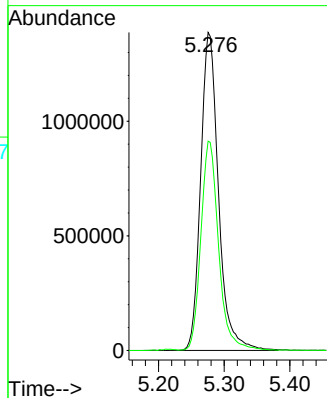
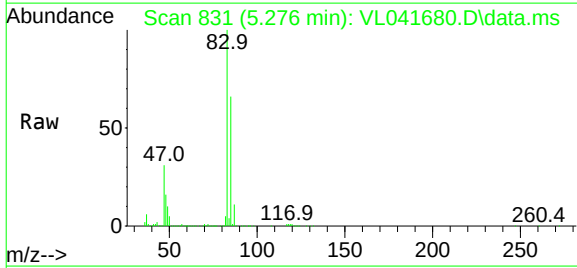
83 100

85 65.7 51.1 76.7

Manual Integrations

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



#30

Cyclohexane

Concen: 16.132 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

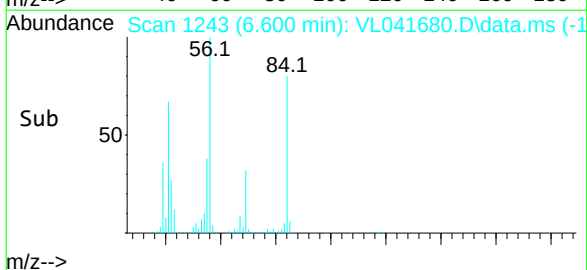
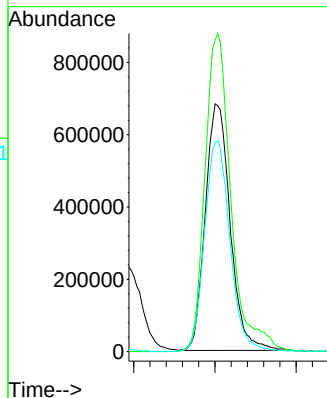
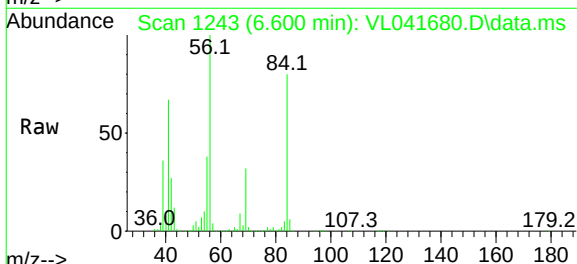
Tgt Ion: 84 Resp: 1445757

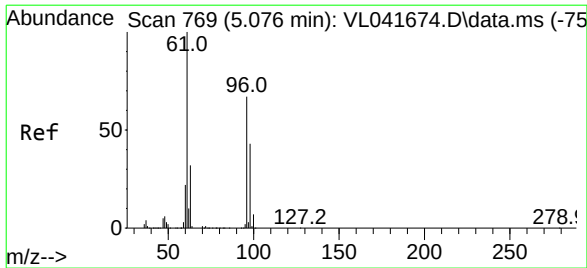
Ion Ratio Lower Upper

84 100

56 135.8 110.8 166.2

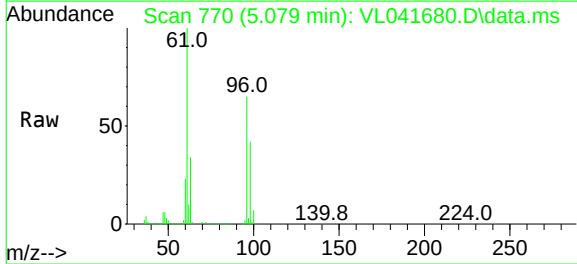
41 87.5 70.0 105.0





#31
cis-1,2-Dichloroethene
Concen: 15.426 ppbv
RT: 5.079 min Scan# 77
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

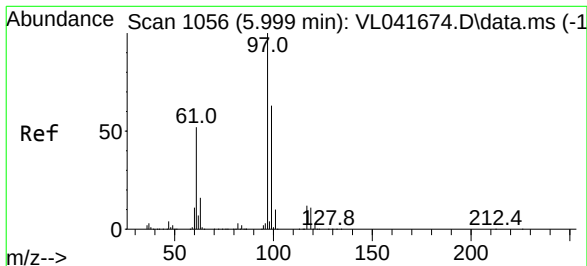
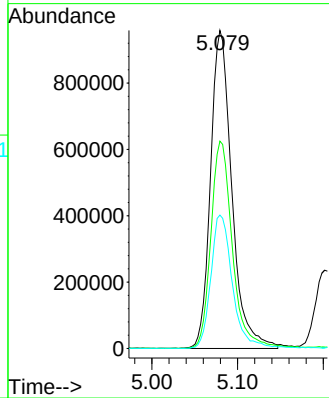
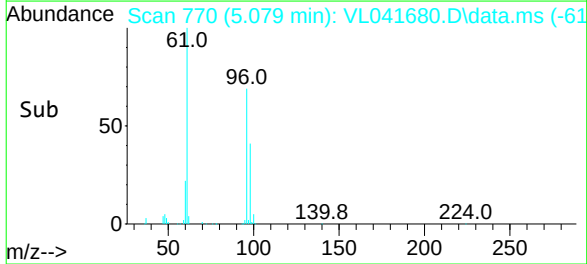
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



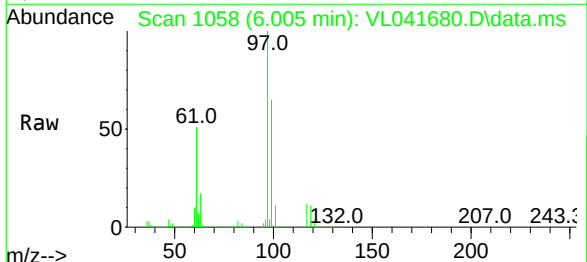
Tgt Ion: 61 Resp: 1655410
Ion Ratio Lower Upper
61 100
96 65.1 53.4 80.2
98 41.9 34.0 51.0

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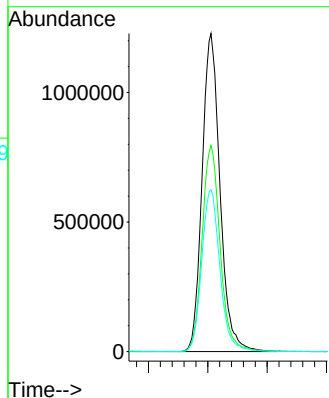
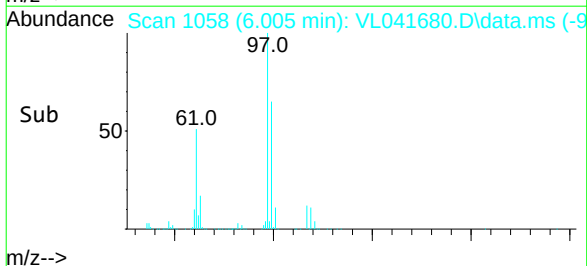
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

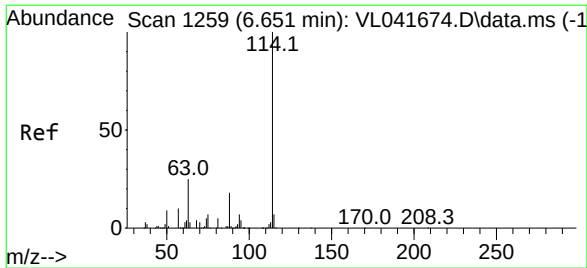


#32
1,1,1-Trichloroethane
Concen: 15.262 ppbv
RT: 6.005 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12



Tgt Ion: 97 Resp: 2576420
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.2
61 51.8 41.7 62.5





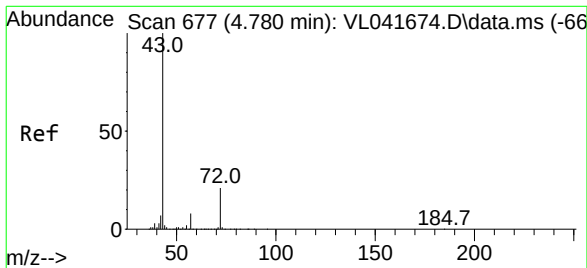
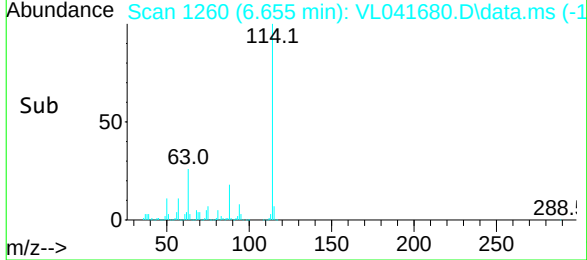
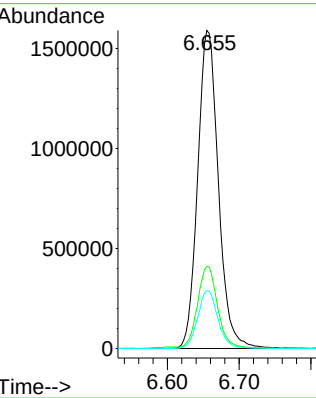
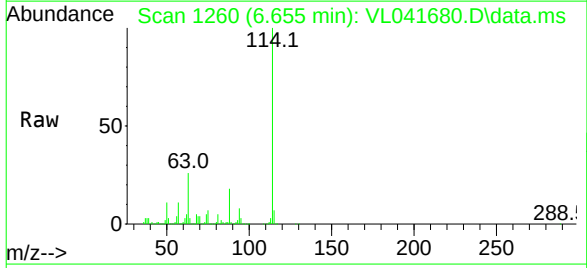
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 114 Resp: 3182548
Ion Ratio Lower Upper
114 100
63 25.7 20.3 30.5
88 17.9 14.2 21.4

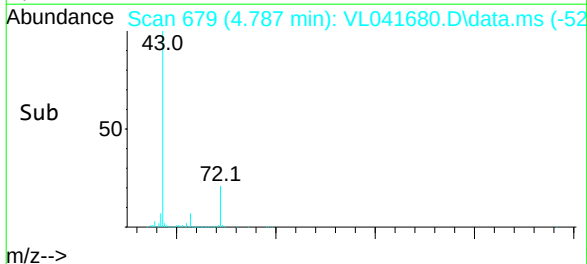
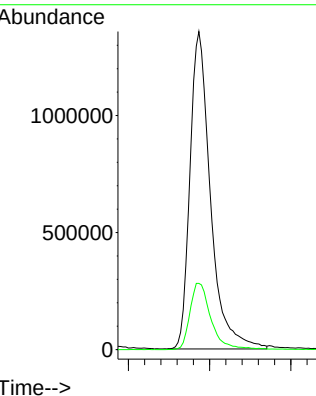
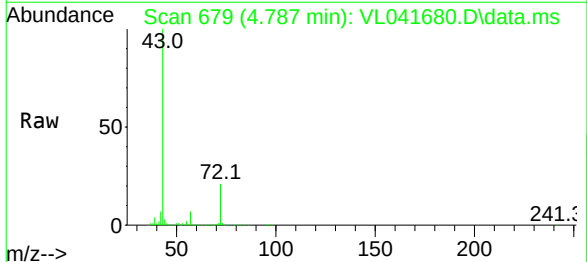
Manual Integrations
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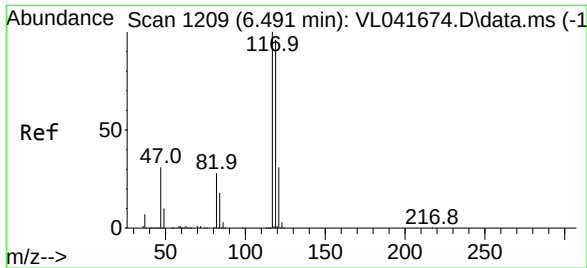
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#34
2-Butanone
Concen: 15.033 ppbv
RT: 4.787 min Scan# 679
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Tgt Ion: 43 Resp: 2382292
Ion Ratio Lower Upper
43 100
72 21.6 17.4 26.0





#35

Carbon Tetrachloride

Concen: 16.220 ppbv

RT: 6.497 min Scan# 12

Delta R.T. 0.007 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:117 Resp: 2728914

Ion Ratio Lower Upper

117 100

119 94.5 77.2 115.8

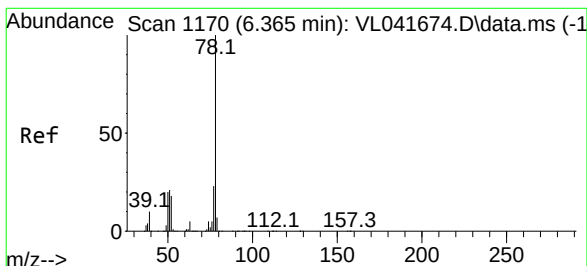
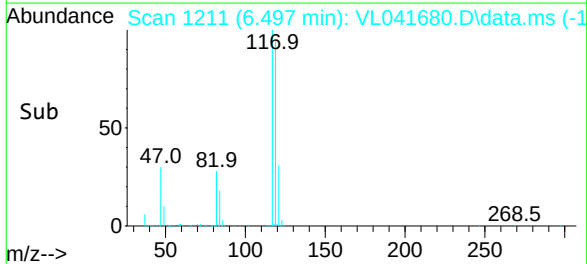
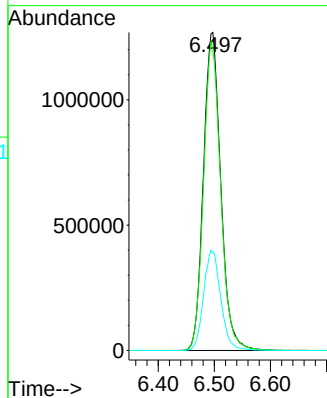
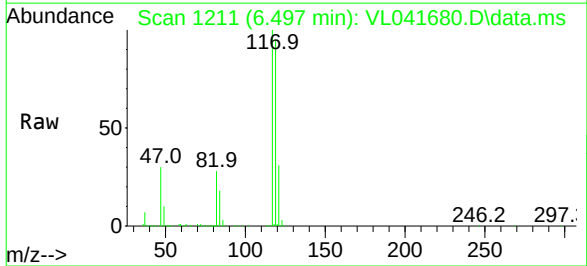
121 30.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#36

Benzene

Concen: 15.182 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. 0.007 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

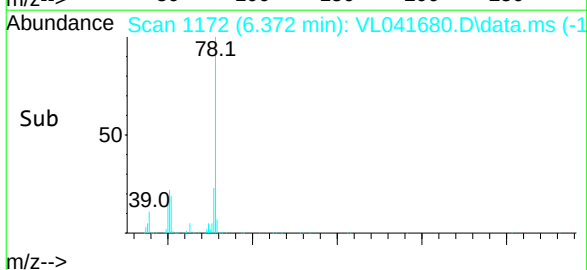
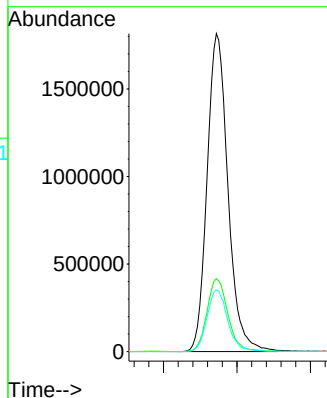
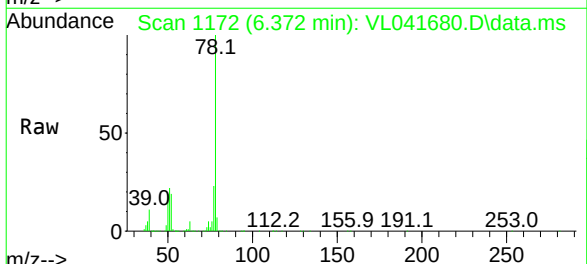
Tgt Ion: 78 Resp: 3579956

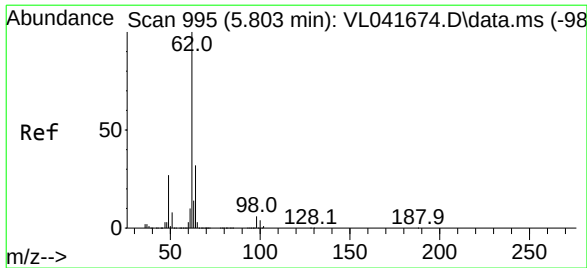
Ion Ratio Lower Upper

78 100

77 22.9 18.5 27.7

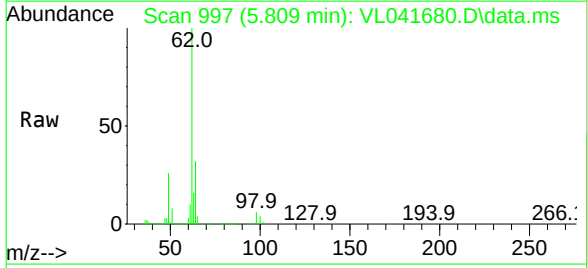
50 19.4 15.6 23.4





#37
1,2-Dichloroethane
Concen: 14.978 ppbv
RT: 5.809 min Scan# 995
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

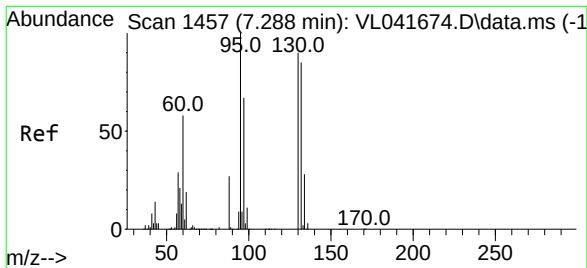
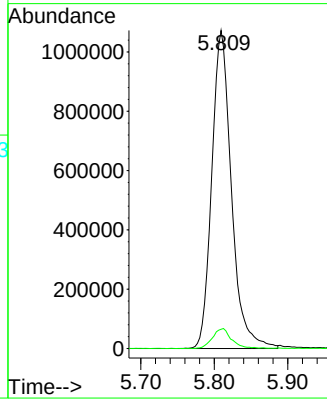
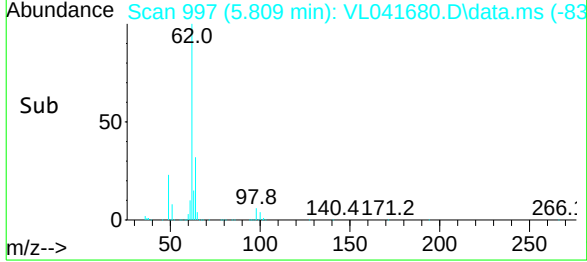
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



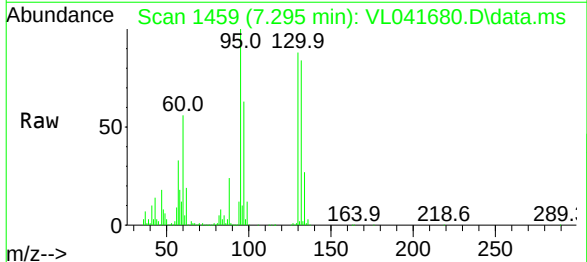
Tgt Ion: 62 Resp: 1992504
Ion Ratio Lower Upper
62 100
98 6.2 5.2 7.8

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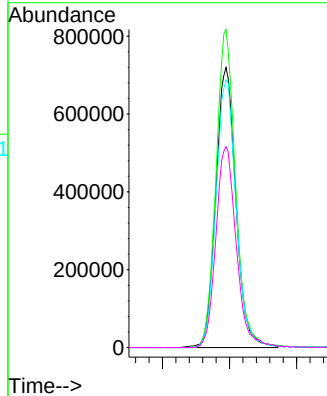
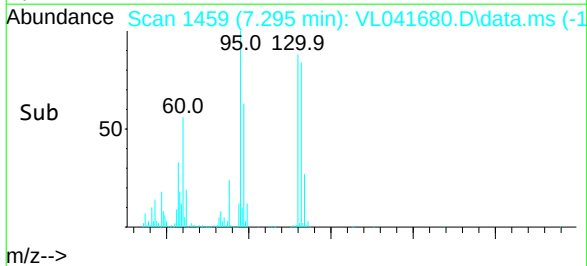
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

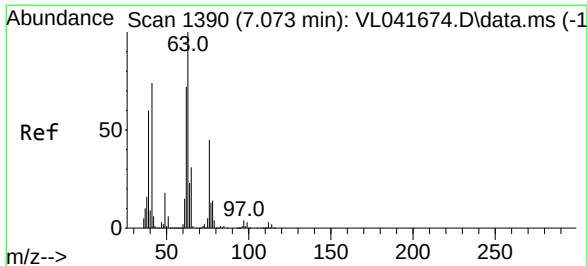


#38
Trichloroethene
Concen: 16.410 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12



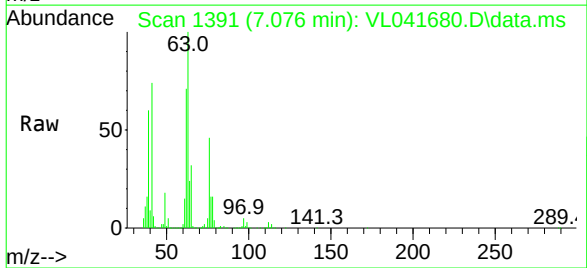
Tgt Ion:130 Resp: 1492186
Ion Ratio Lower Upper
130 100
95 113.5 89.1 133.7
132 95.6 75.7 113.5
97 71.7 60.0 90.0





#39
1,2-Dichloropropane
Concen: 15.081 ppbv
RT: 7.076 min Scan# 1390
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

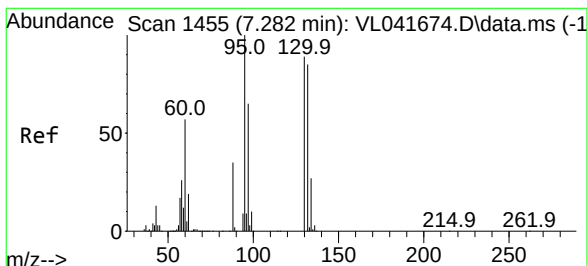
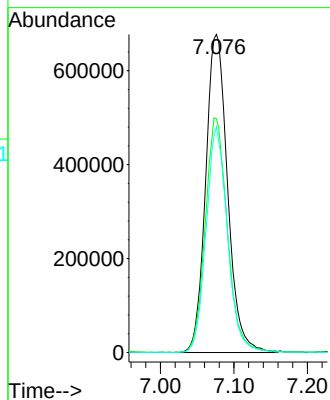
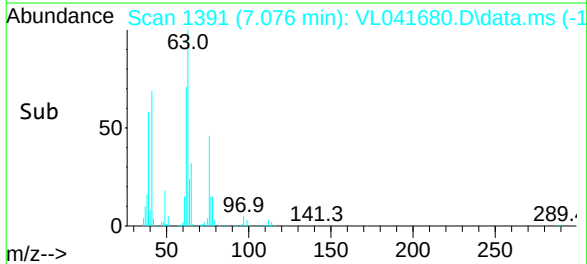
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 63 Resp: 1405373
Ion Ratio Lower Upper
63 100
41 73.5 59.1 88.7
62 70.9 57.7 86.5

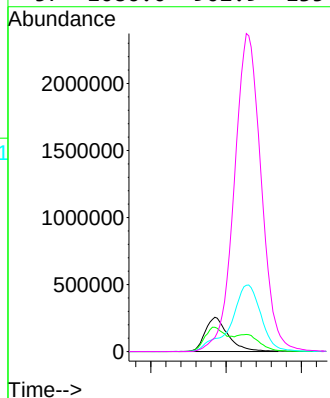
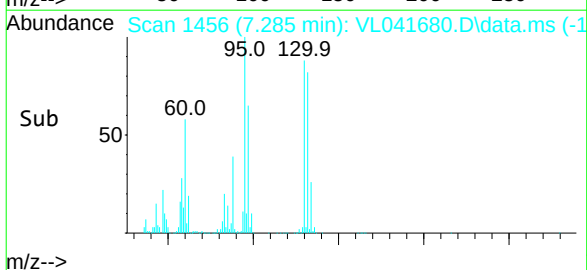
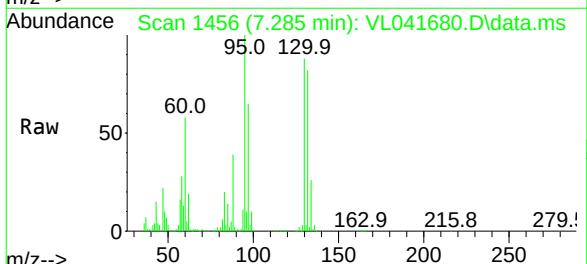
Manual Integrations
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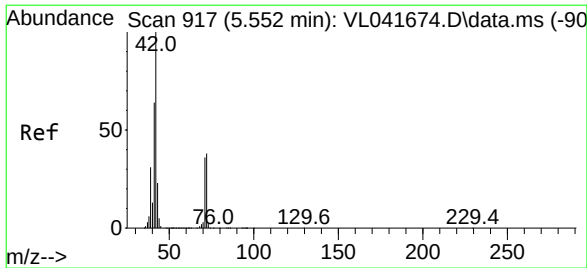
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#40
1,4-Dioxane
Concen: 16.521 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Tgt Ion: 88 Resp: 545340
Ion Ratio Lower Upper
88 100
58 122.1 101.4 152.2
43 254.6 208.0 312.0
57 1086.0 902.9 1354.3





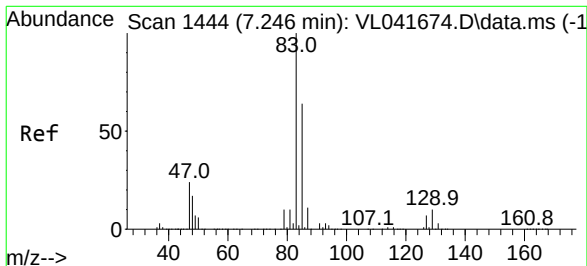
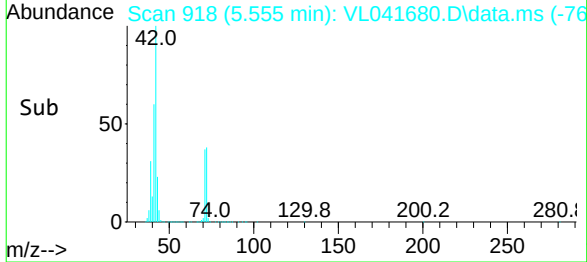
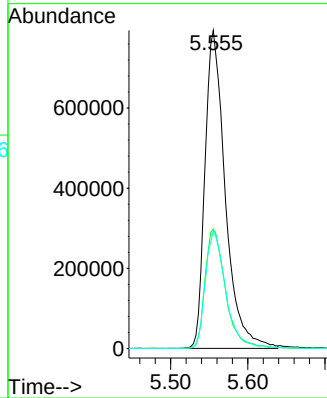
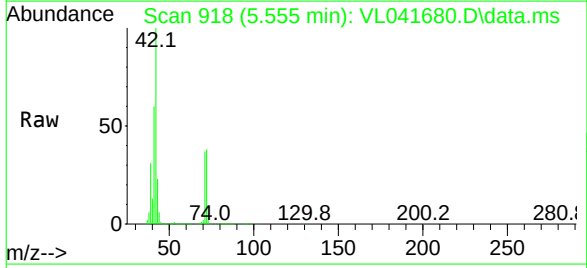
#41
Tetrahydrofuran
Concen: 16.040 ppbv
RT: 5.555 min Scan# 917
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 42 Resp: 1449986
Ion Ratio Lower Upper
42 100
72 38.0 29.8 44.6
71 37.3 29.4 44.2

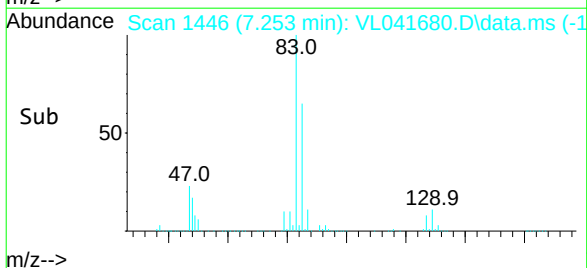
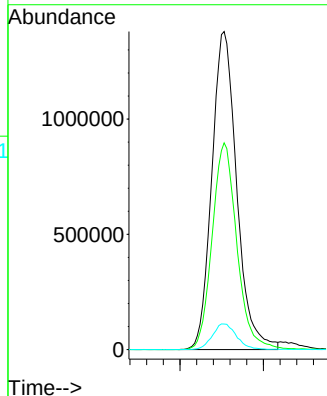
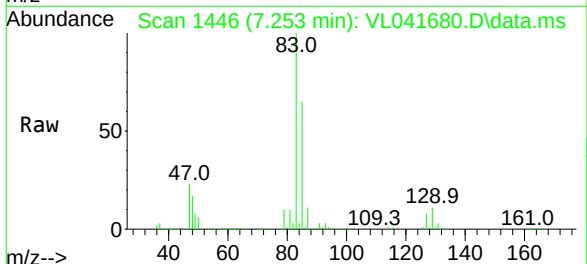
Manual Integrations
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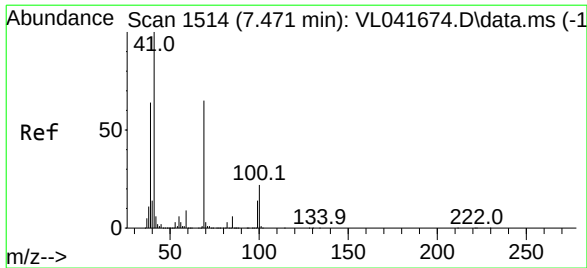
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#42
Bromodichloromethane
Concen: 15.522 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Tgt Ion: 83 Resp: 2869440
Ion Ratio Lower Upper
83 100
85 65.0 51.2 76.8
127 8.0 6.0 9.0





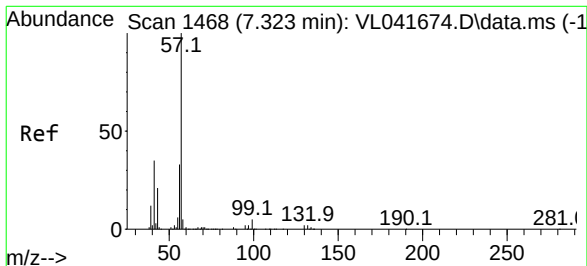
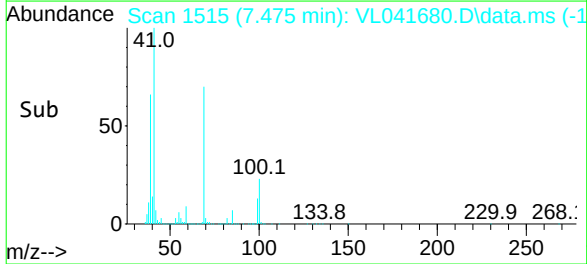
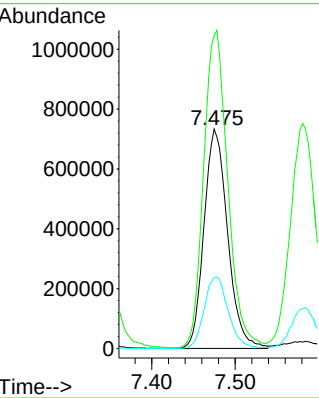
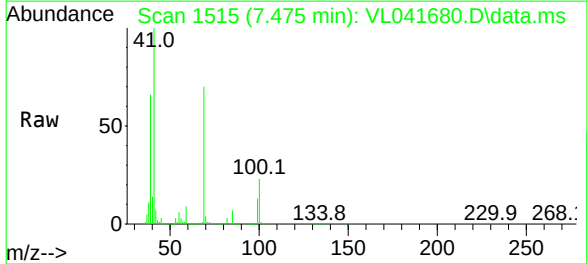
#43
Methyl Methacrylate
Concen: 17.388 ppbv
RT: 7.475 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 69 Resp: 1439612
Ion Ratio Lower Upper
69 100
41 148.6 119.8 179.6
100 33.3 27.3 40.9

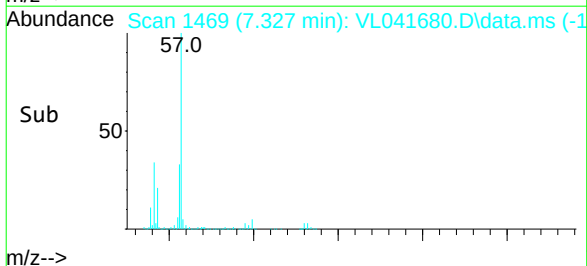
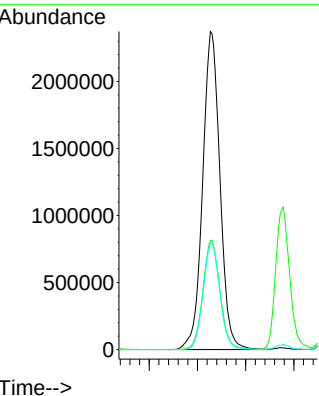
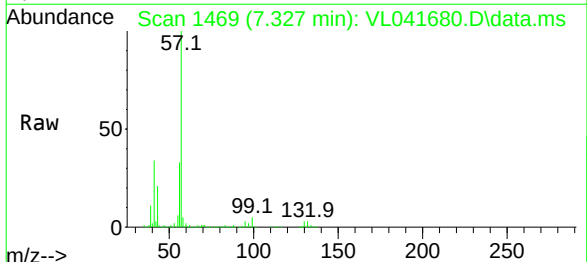
Manual Integrations
APPROVED

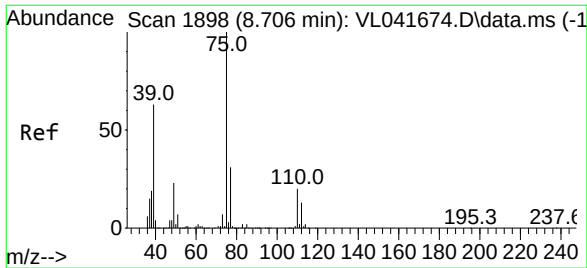
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#44
2,2,4-Trimethylpentane
Concen: 14.828 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

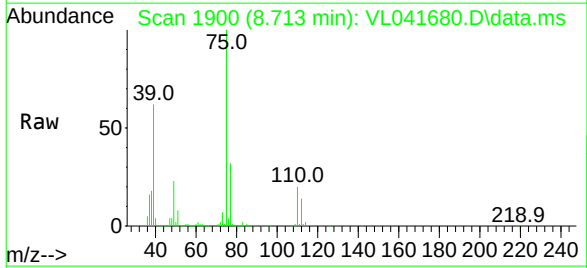
Tgt Ion: 57 Resp: 5922866
Ion Ratio Lower Upper
57 100
41 33.8 27.0 40.6
56 32.7 25.8 38.6





#45
t-1,3-Dichloropropene
Concen: 19.850 ppbv
RT: 8.713 min Scan# 19
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

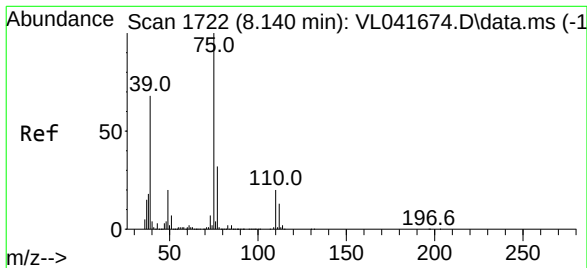
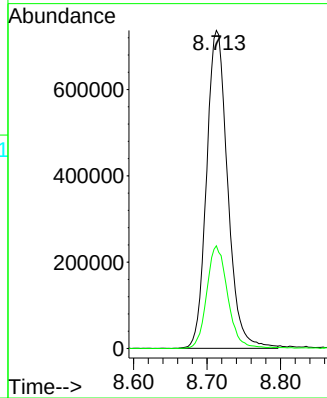
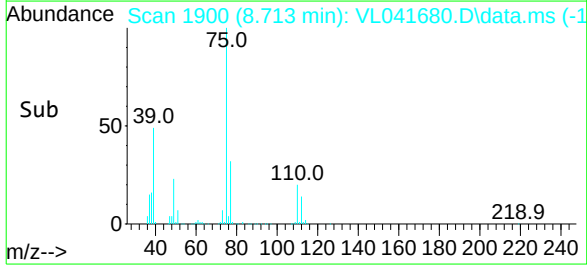
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 75 Resp: 1469151
Ion Ratio Lower Upper
75 100
77 32.3 24.7 37.1

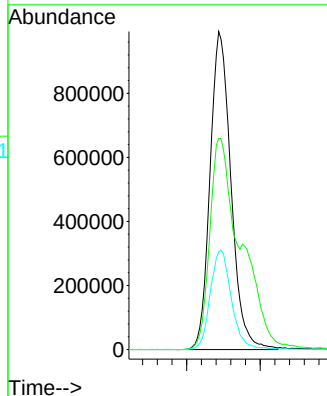
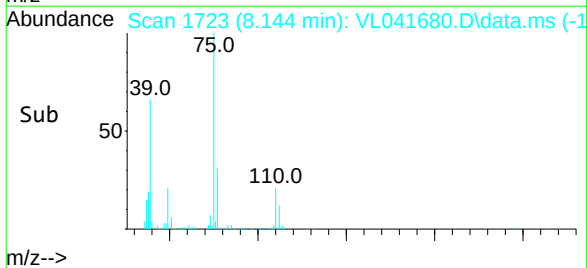
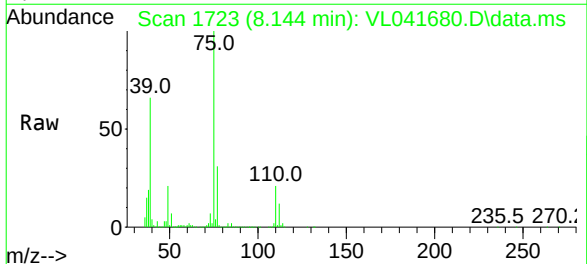
Manual Integrations
APPROVED

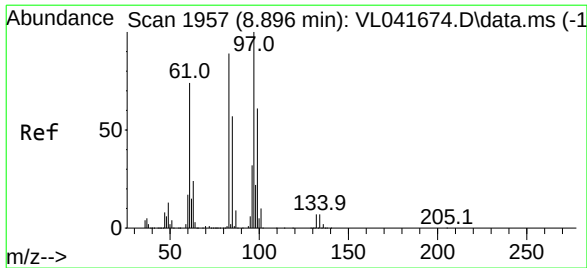
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#46
cis-1,3-Dichloropropene
Concen: 18.259 ppbv
RT: 8.144 min Scan# 1723
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

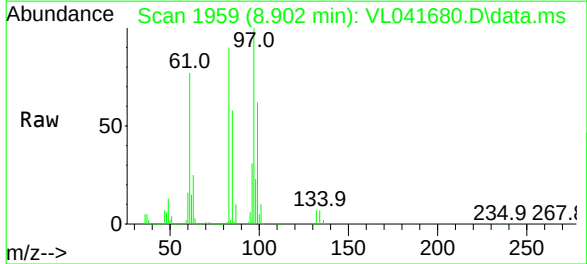
Tgt Ion: 75 Resp: 1964082
Ion Ratio Lower Upper
75 100
39 66.4 54.1 81.1
77 30.7 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 14.895 ppbv
RT: 8.902 min Scan# 1957
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

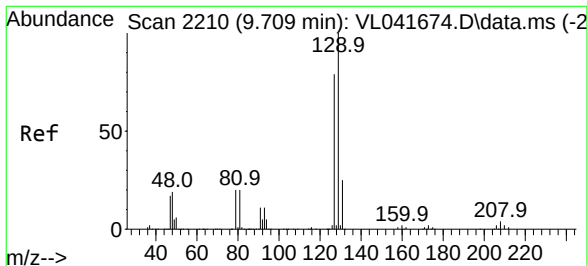
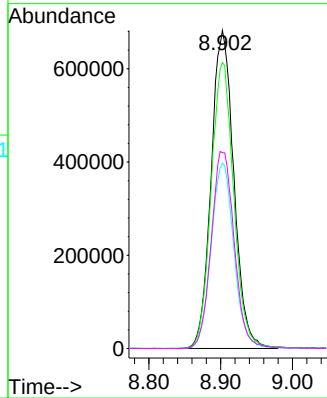
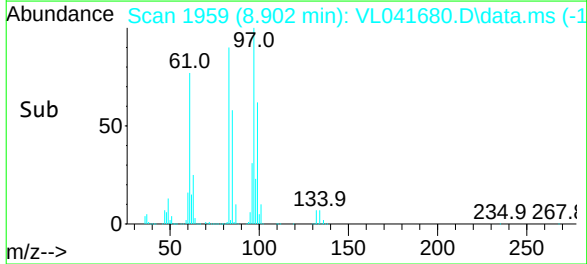
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



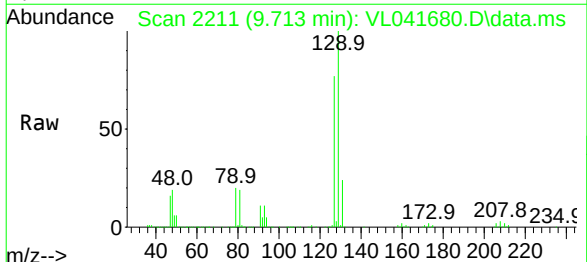
Tgt Ion: 97 Resp: 1496508
Ion Ratio Lower Upper
97 100
83 89.9 71.0 106.6
85 58.3 45.4 68.2
99 61.6 49.0 73.6

Manual Integrations
APPROVED

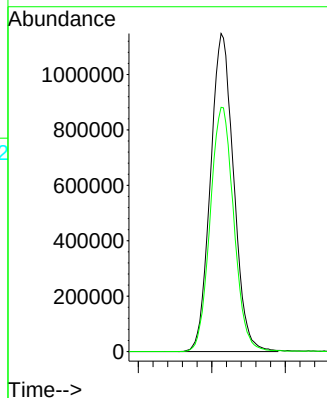
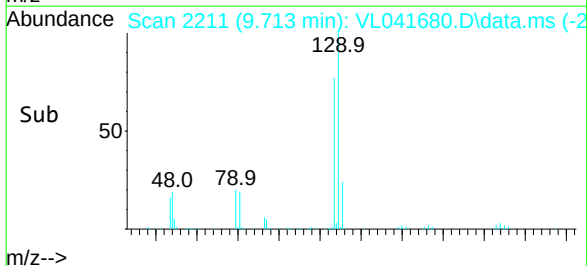
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

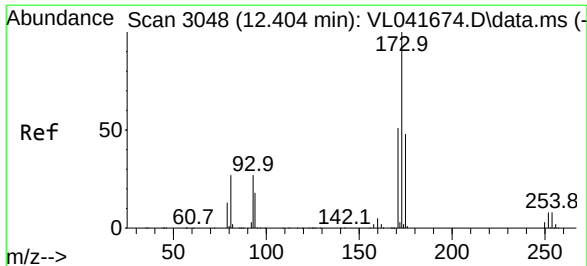


#48
Dibromochloromethane
Concen: 16.444 ppbv
RT: 9.713 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12



Tgt Ion:129 Resp: 2521147
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





#49

Bromoform

Concen: 17.318 ppbv

RT: 12.413 min Scan# 3048

Delta R.T. 0.010 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:173 Resp: 2265132

Ion Ratio Lower Upper

173 100

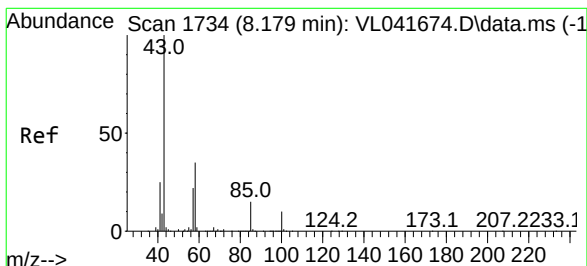
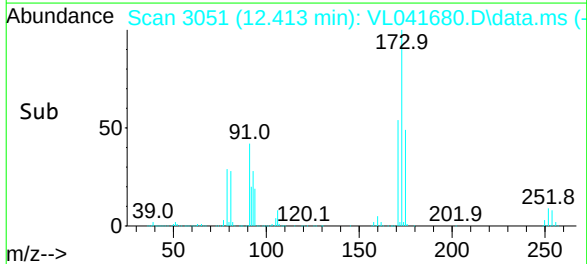
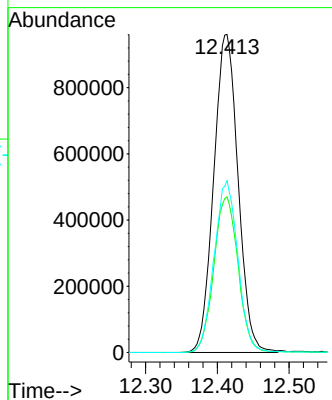
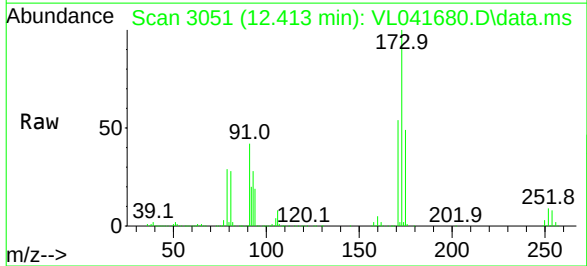
175 49.1 39.2 58.8

171 52.8 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: 15.919 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.003 min

Lab File: VL041680.D

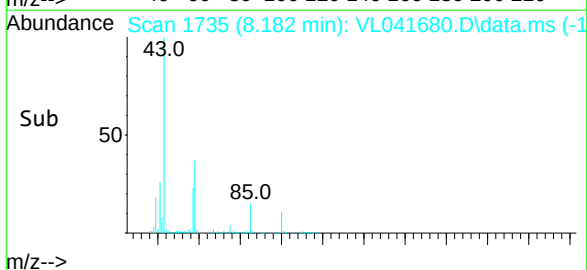
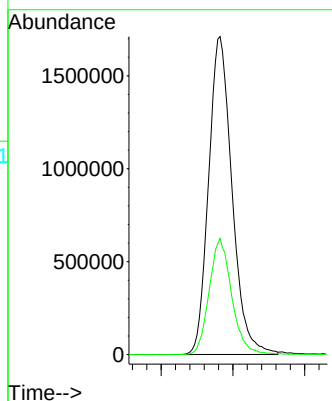
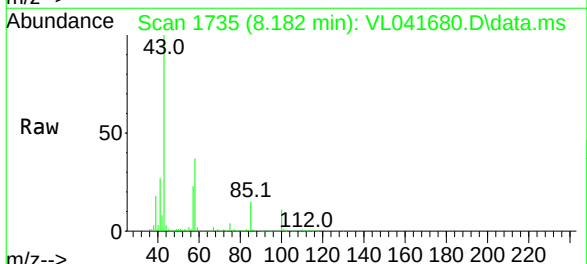
Acq: 7 Nov 2024 14:12

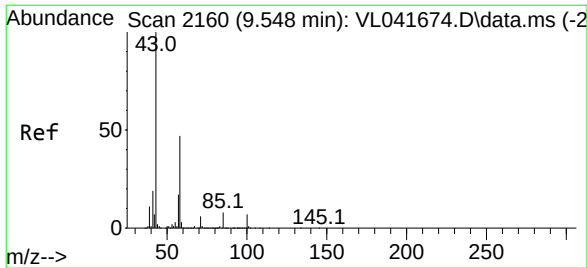
Tgt Ion: 43 Resp: 3873850

Ion Ratio Lower Upper

43 100

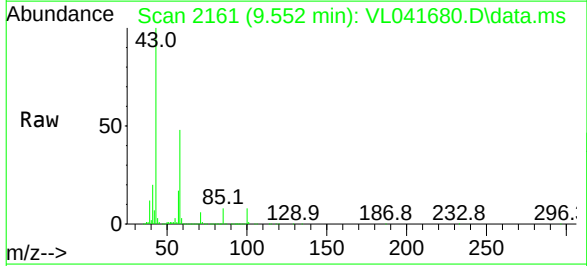
58 35.3 27.7 41.5





#51
2-Hexanone
Concen: 17.512 ppbv
RT: 9.552 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

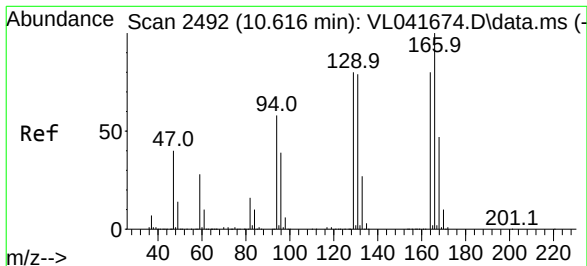
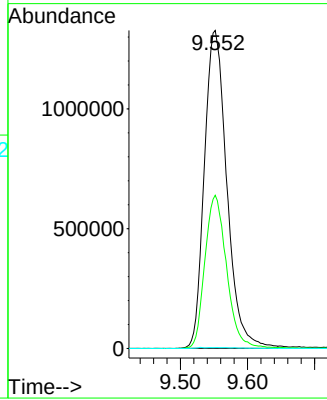
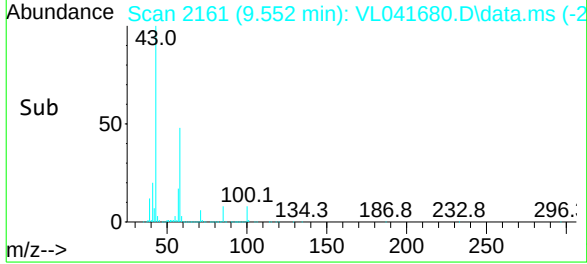
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



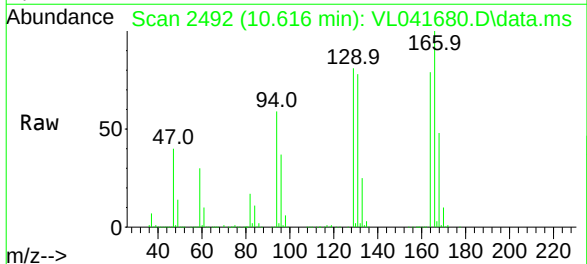
Tgt Ion: 43 Resp: 3096656
Ion Ratio Lower Upper
43 100
58 46.8 37.0 55.6
98 0.5 0.6 0.8

Manual Integrations
APPROVED

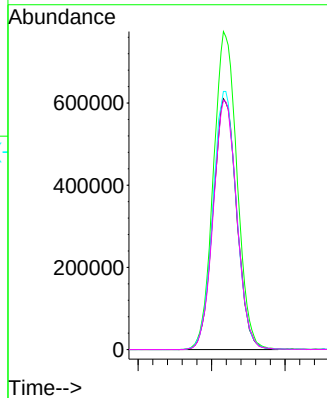
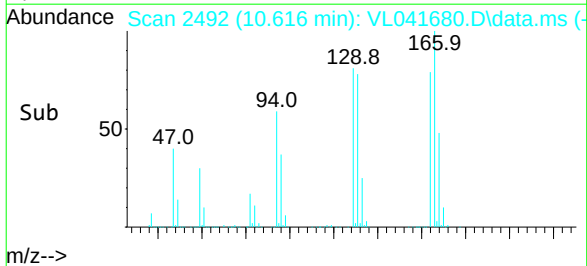
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

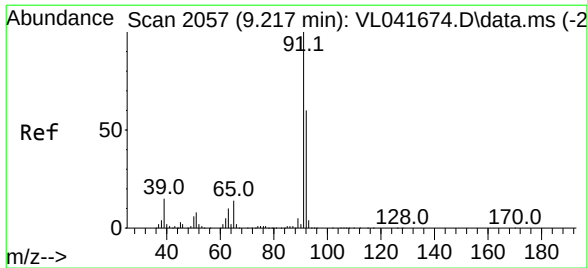


#52
Tetrachloroethene
Concen: 16.900 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.000 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12



Tgt Ion:164 Resp: 1362327
Ion Ratio Lower Upper
164 100
166 126.8 100.2 150.4
129 102.9 79.7 119.5
131 99.5 79.0 118.4





#53

Toluene

Concen: 16.909 ppbv

RT: 9.224 min Scan# 2059

Delta R.T. 0.007 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 91 Resp: 4192947

Ion Ratio Lower Upper

91 100

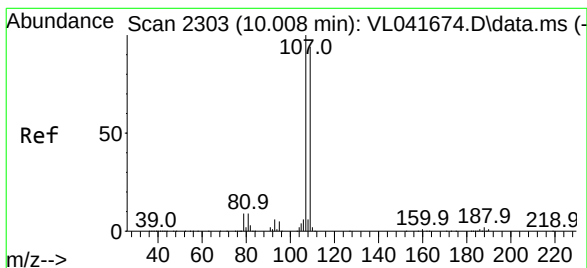
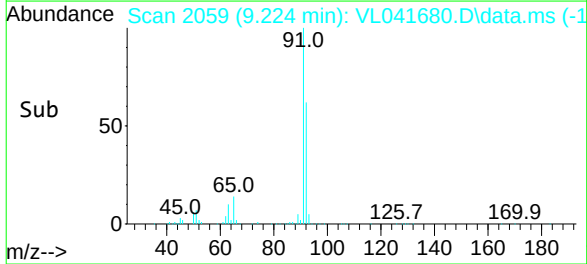
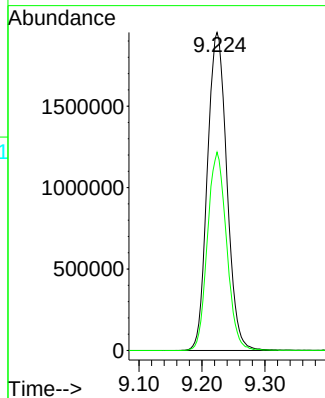
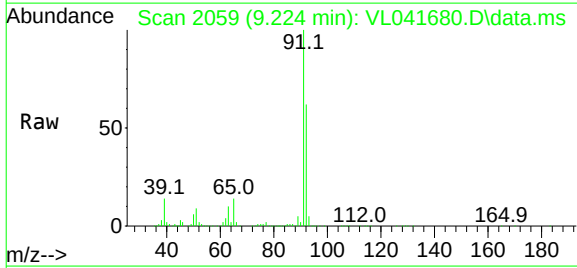
92 61.3 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#54

1,2-Dibromoethane

Concen: 17.451 ppbv

RT: 10.012 min Scan# 2304

Delta R.T. 0.003 min

Lab File: VL041680.D

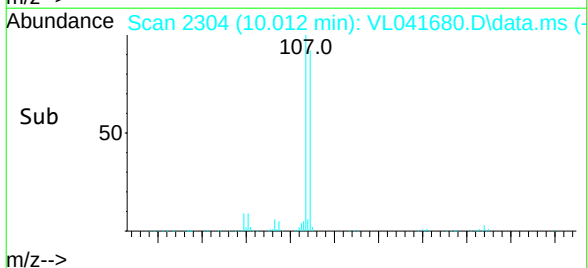
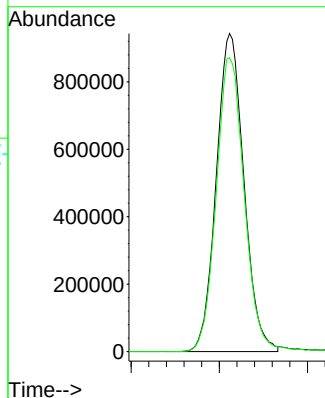
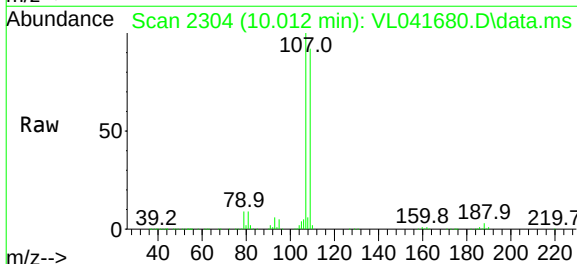
Acq: 7 Nov 2024 14:12

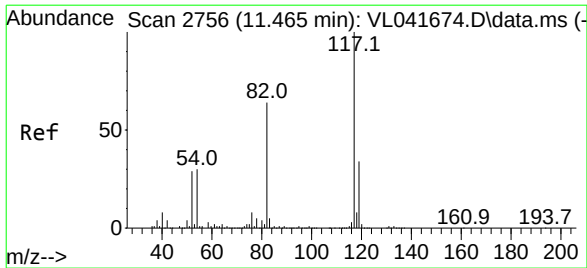
Tgt Ion:107 Resp: 2047188

Ion Ratio Lower Upper

107 100

109 92.4 74.9 112.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2756

Delta R.T. 0.003 min

Lab File: VL041680.D

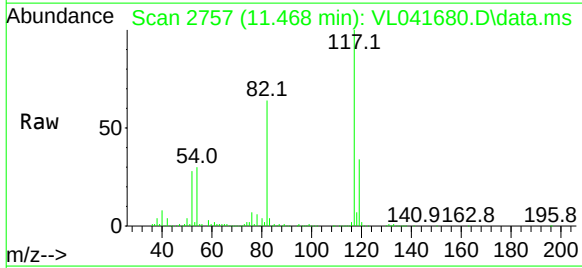
Acq: 7 Nov 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



Tgt Ion:117 Resp: 3271350

Ion Ratio Lower Upper

117 100

82 60.9 49.8 74.8

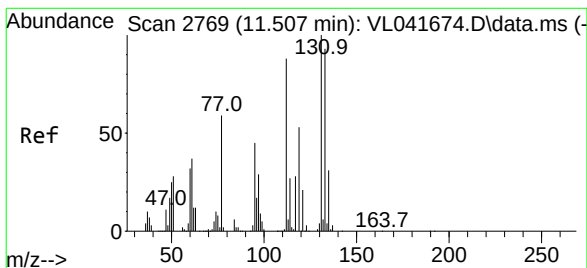
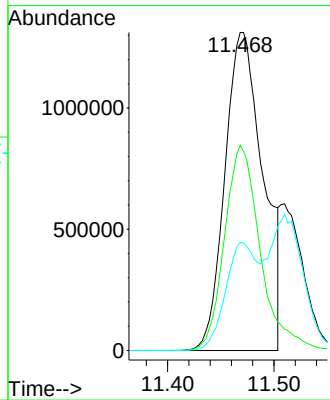
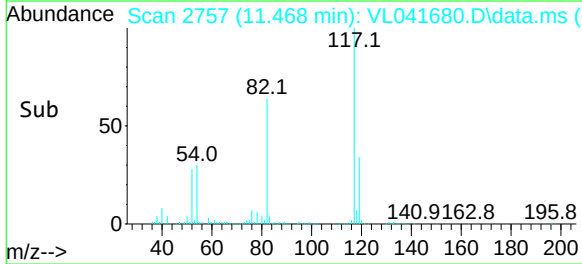
119 30.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 13.588 ppbv

RT: 11.510 min Scan# 2770

Delta R.T. 0.003 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

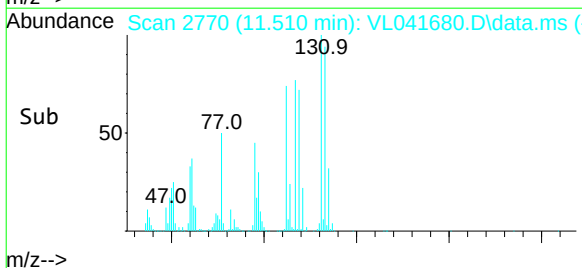
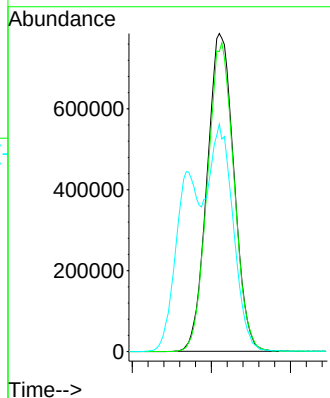
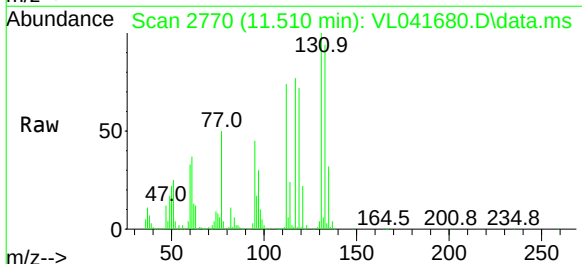
Tgt Ion:131 Resp: 1851127

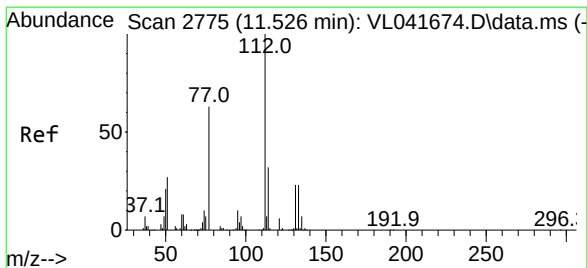
Ion Ratio Lower Upper

131 100

133 96.3 76.5 114.7

119 64.4 49.8 74.8





#57

Chlorobenzene

Concen: 13.453 ppbv

RT: 11.529 min Scan# 2775

Delta R.T. 0.003 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:112 Resp: 3280487

Ion Ratio Lower Upper

112 100

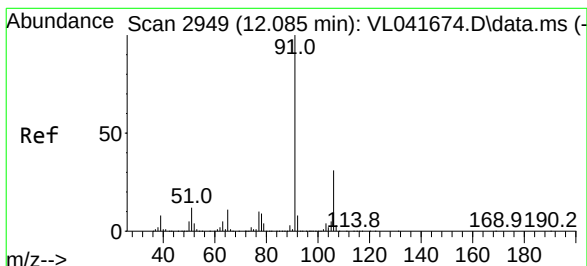
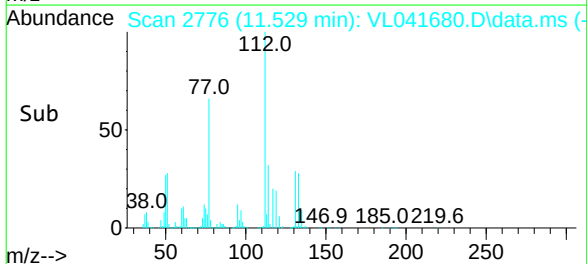
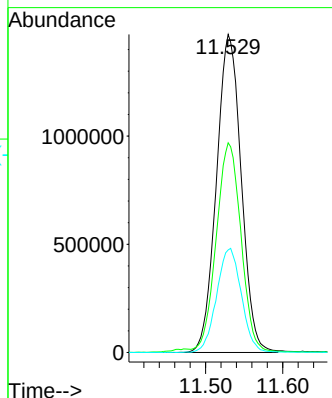
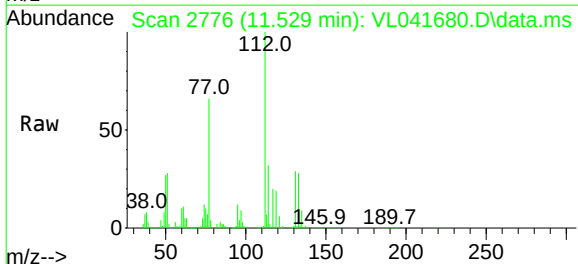
77 65.6 51.4 77.2

114 32.2 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: 15.550 ppbv

RT: 12.092 min Scan# 2951

Delta R.T. 0.007 min

Lab File: VL041680.D

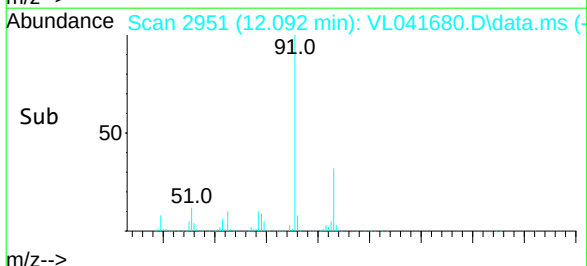
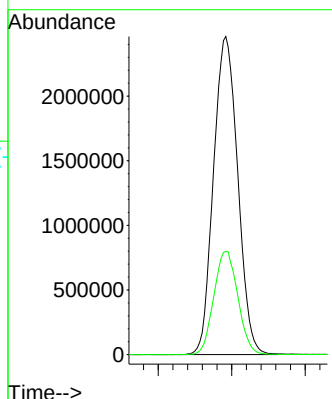
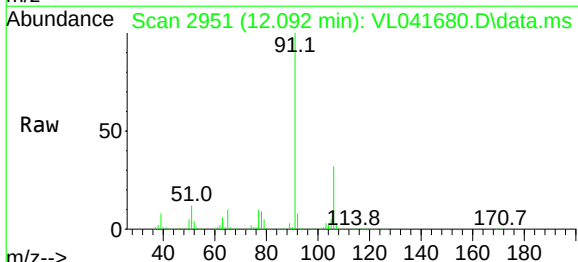
Acq: 7 Nov 2024 14:12

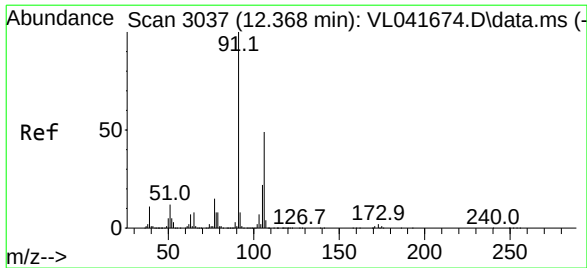
Tgt Ion: 91 Resp: 5635176

Ion Ratio Lower Upper

91 100

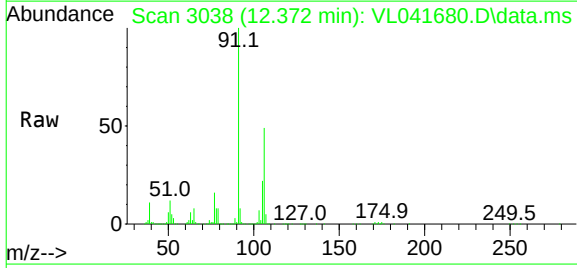
106 32.5 24.9 37.3





#59
m/p-Xylene
Concen: 29.406 ppbv m
RT: 12.372 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

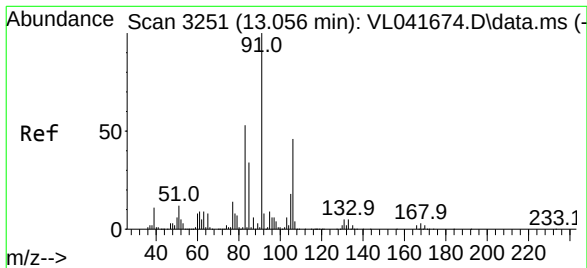
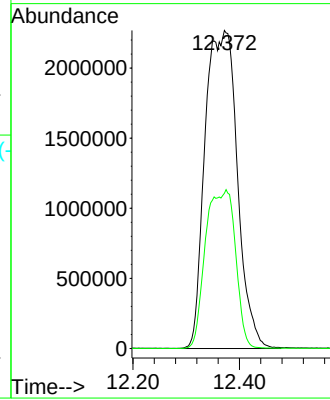
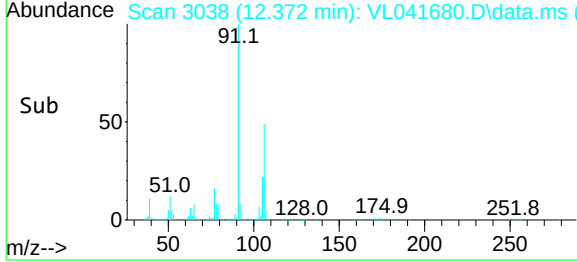
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



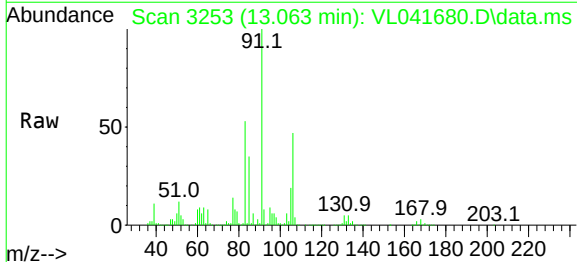
Tgt Ion: 91 Resp: 9532832
Ion Ratio Lower Upper
91 100
106 46.3 36.9 55.3

Manual Integrations
APPROVED

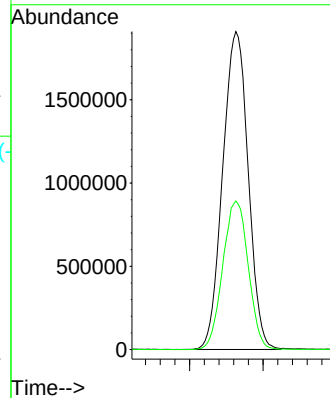
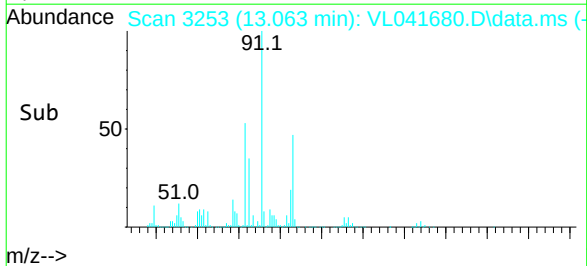
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

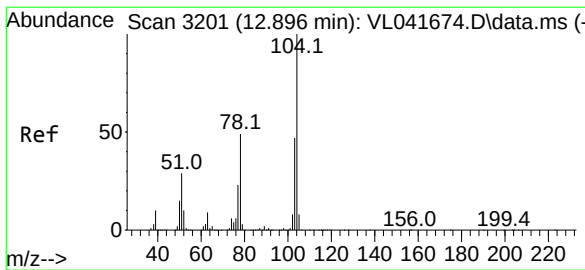


#60
o-Xylene
Concen: 14.859 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12



Tgt Ion: 91 Resp: 4598783
Ion Ratio Lower Upper
91 100
106 46.7 23.2 69.6





#61

Styrene

Concen: 18.233 ppbv

RT: 12.902 min Scan# 3201

Delta R.T. 0.007 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:104 Resp: 2329096

Ion Ratio Lower Upper

104 100

78 50.0 39.8 59.8

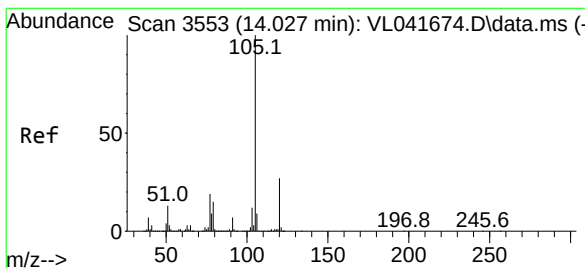
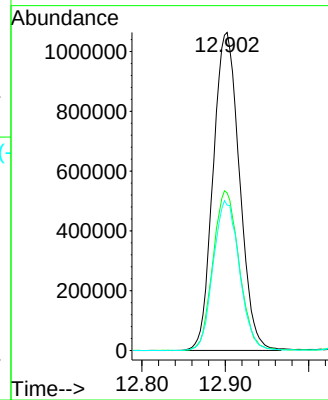
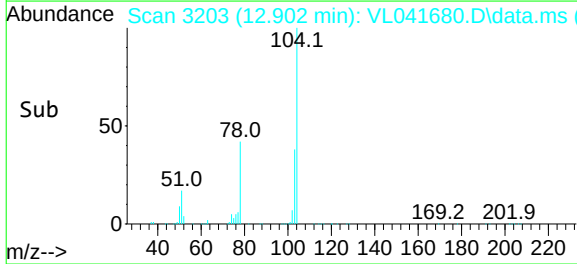
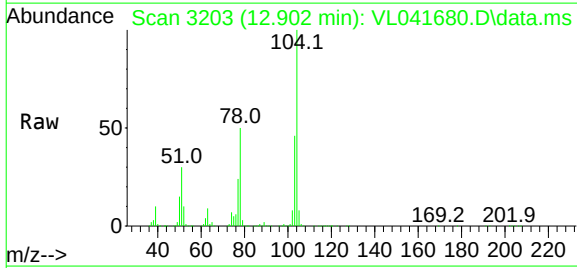
103 47.1 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#62

Isopropylbenzene

Concen: 14.169 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.003 min

Lab File: VL041680.D

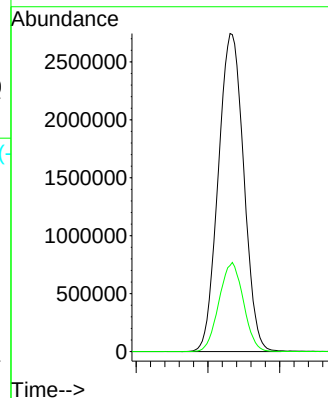
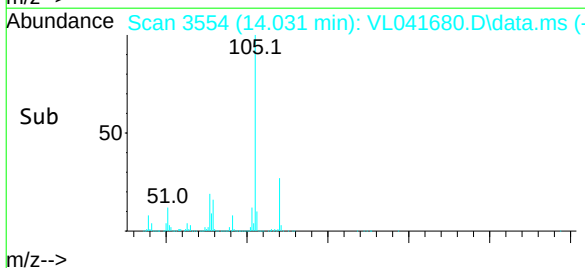
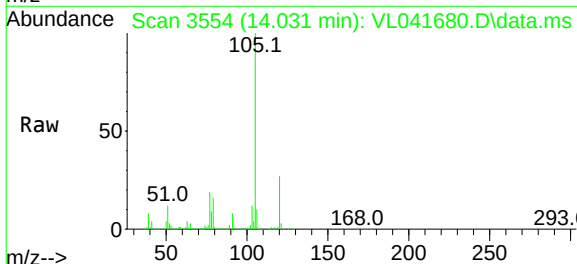
Acq: 7 Nov 2024 14:12

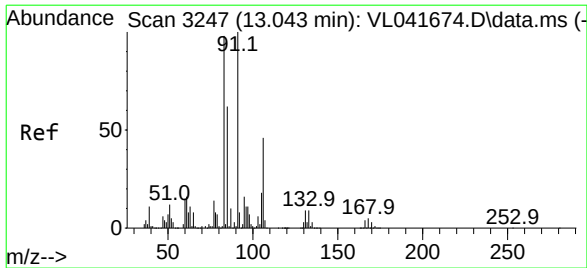
Tgt Ion:105 Resp: 6769619

Ion Ratio Lower Upper

105 100

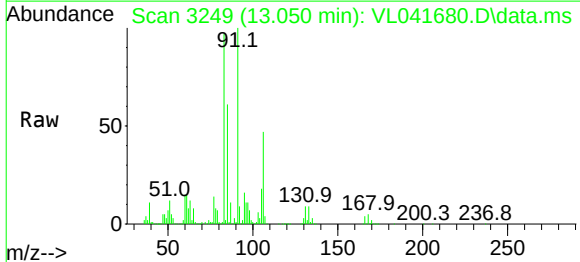
120 26.9 21.1 31.7





#63
1,1,2,2-Tetrachloroethane
Concen: 14.277 ppbv
RT: 13.050 min Scan# 3247
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

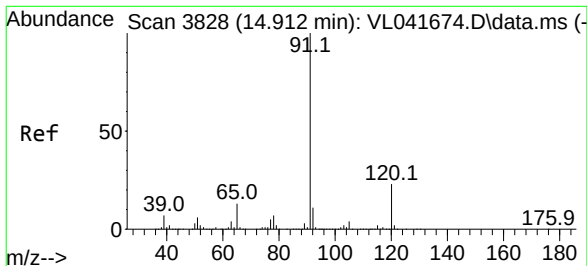
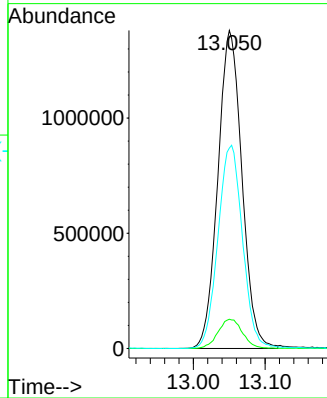
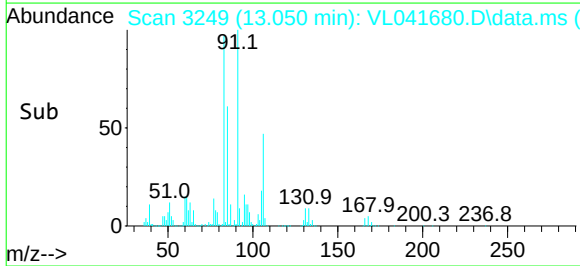
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion: 83 Resp: 3217179
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 65.5 32.6 98.0

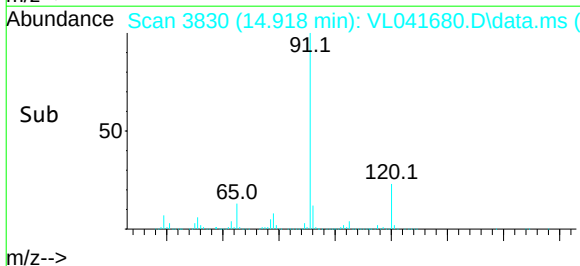
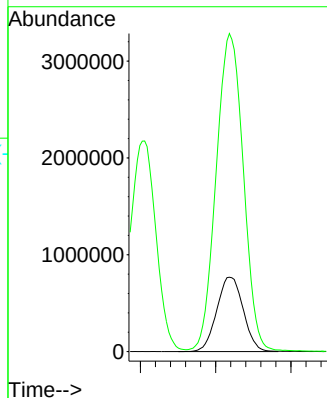
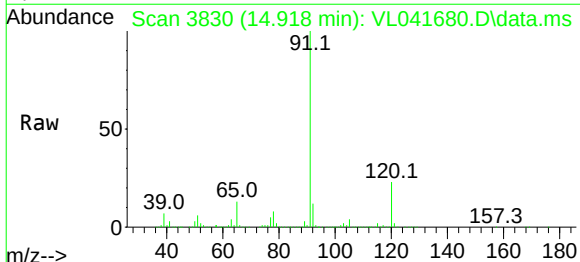
Manual Integrations
APPROVED

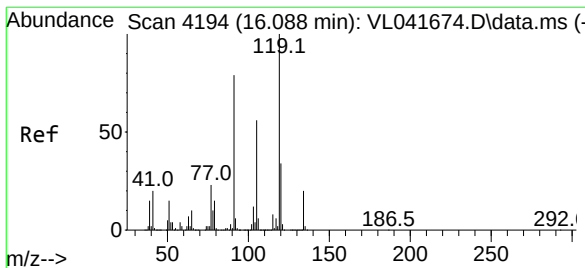
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#64
n-propylbenzene
Concen: 15.010 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

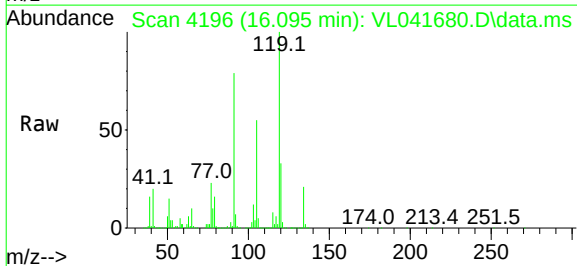
Tgt Ion:120 Resp: 1875181
Ion Ratio Lower Upper
120 100
91 441.1 362.4 543.6





#65
tert-Butylbenzene
Concen: 14.149 ppbv
RT: 16.095 min Scan# 4194
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

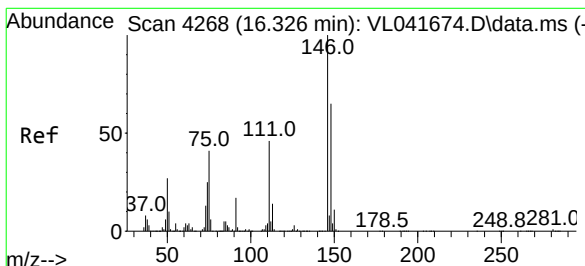
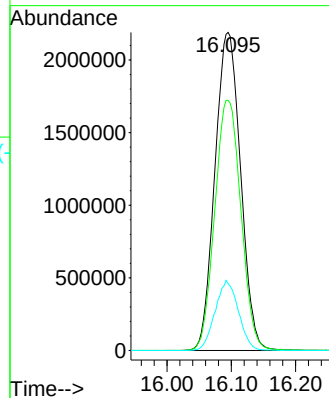
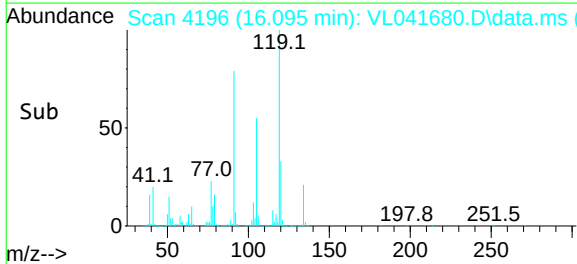
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 119 Resp: 6075642
Ion Ratio Lower Upper
119 100
91 80.2 64.3 96.5
134 20.0 15.8 23.8

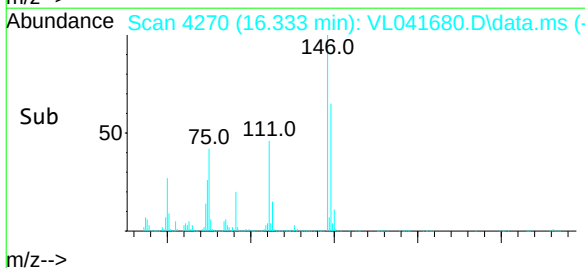
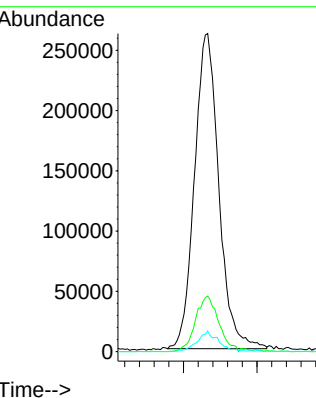
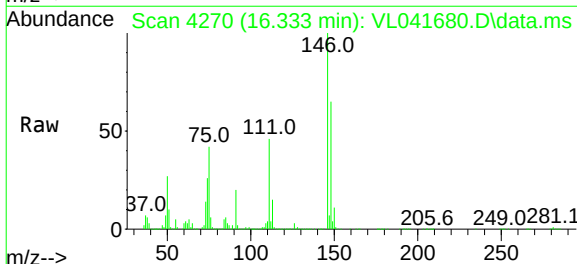
Manual Integrations
APPROVED

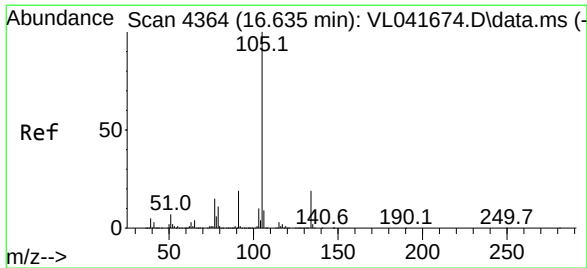
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#66
Benzyl Chloride
Concen: 19.466 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

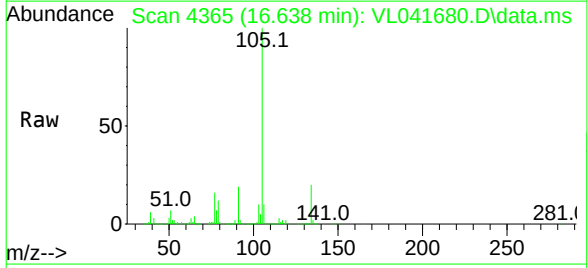
Tgt Ion: 91 Resp: 602019
Ion Ratio Lower Upper
91 100
126 17.3 13.8 20.6
128 5.8 4.3 6.5





#67
sec-Butylbenzene
Concen: 14.008 ppbv
RT: 16.638 min Scan# 4364
Delta R.T. 0.003 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

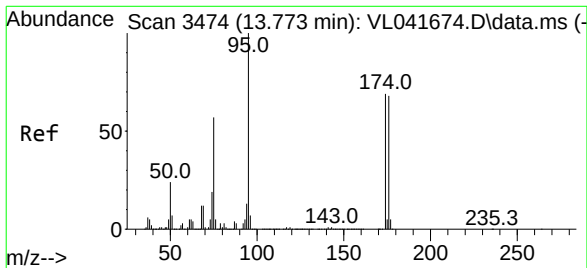
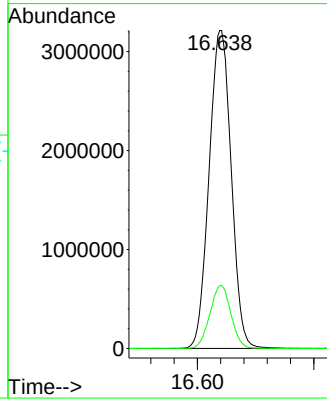
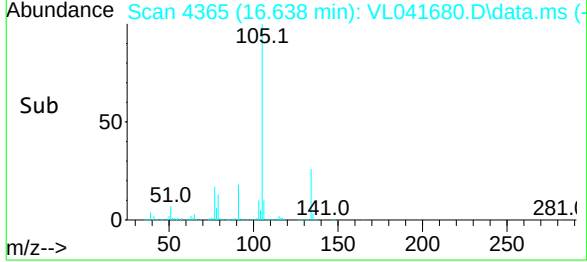
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



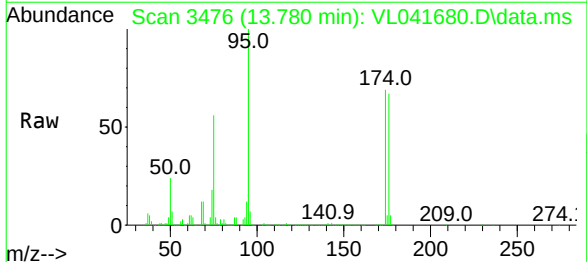
Tgt Ion: 105 Resp: 8477471
Ion Ratio Lower Upper
105 100
134 18.9 14.6 22.0

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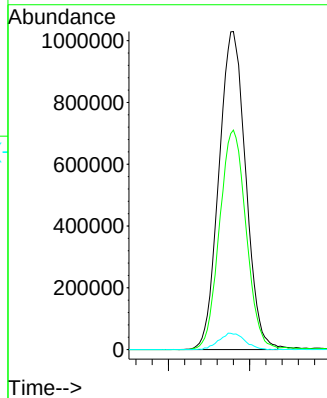
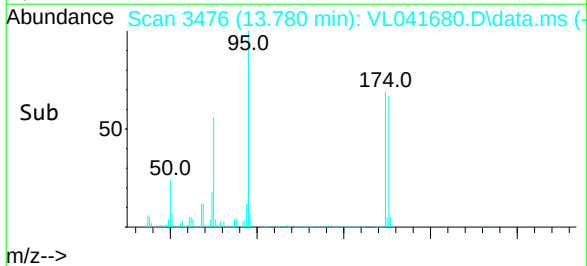
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

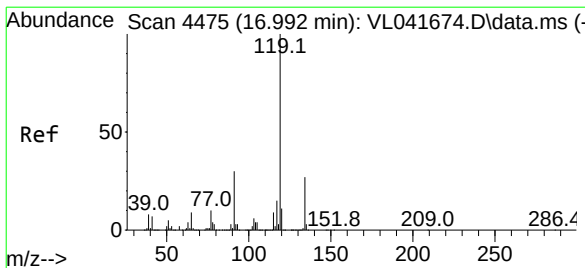


#68
1-Bromo-4-Fluorobenzene
Concen: 9.746 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12



Tgt Ion: 95 Resp: 2357958
Ion Ratio Lower Upper
95 100
174 69.5 55.6 83.4
175 5.1 4.2 6.2





#69

p-Isopropyltoluene

Concen: 14.562 ppbv

RT: 16.999 min Scan# 4475

Delta R.T. 0.007 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:119 Resp: 7127872

Ion Ratio Lower Upper

119 100

134 26.5 20.8 31.2

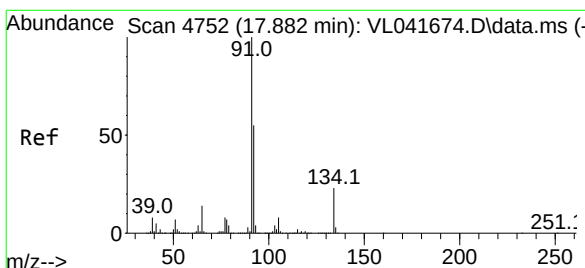
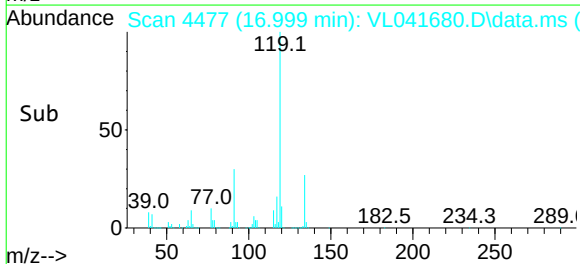
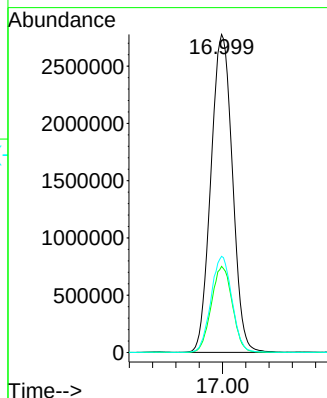
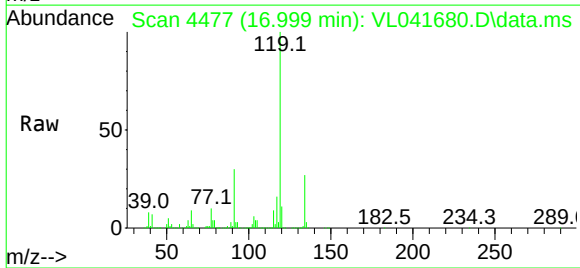
91 29.4 23.2 34.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#70

n-Butylbenzene

Concen: 14.625 ppbv

RT: 17.889 min Scan# 4754

Delta R.T. 0.007 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

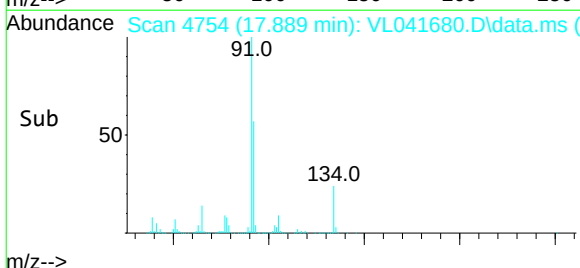
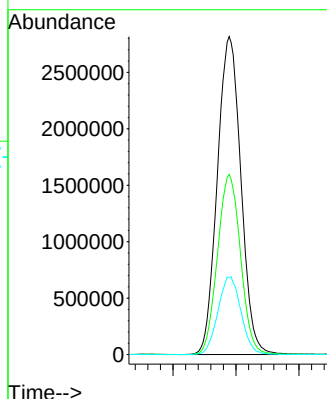
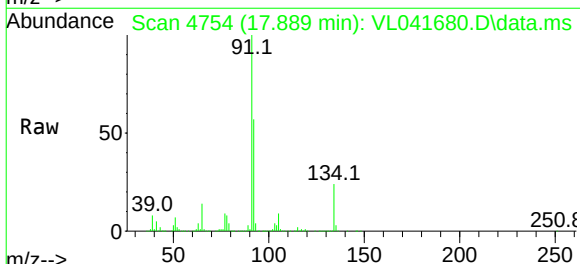
Tgt Ion: 91 Resp: 7337569

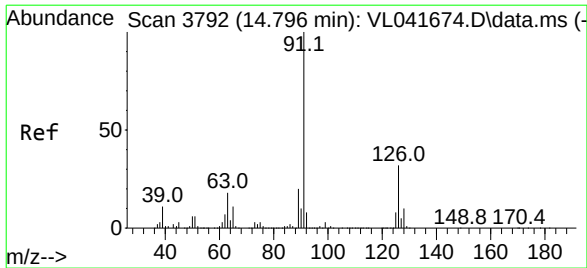
Ion Ratio Lower Upper

91 100

92 55.3 43.3 64.9

134 24.0 18.4 27.6





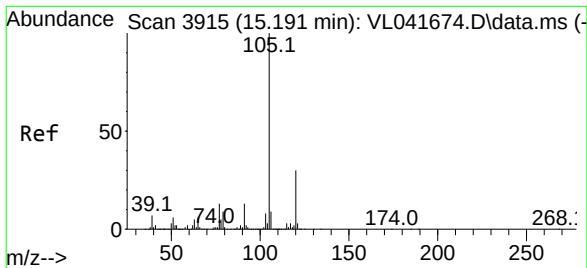
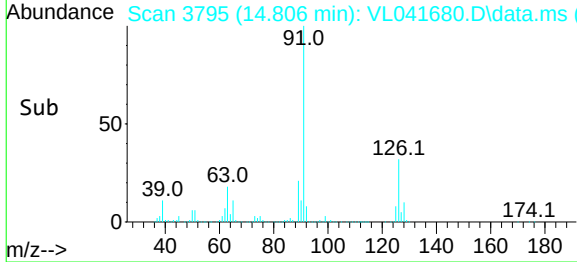
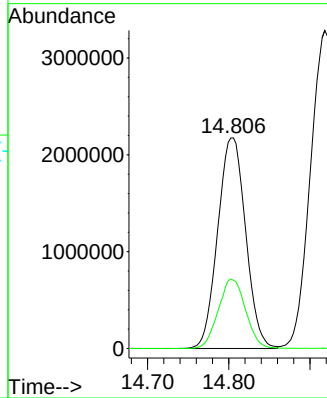
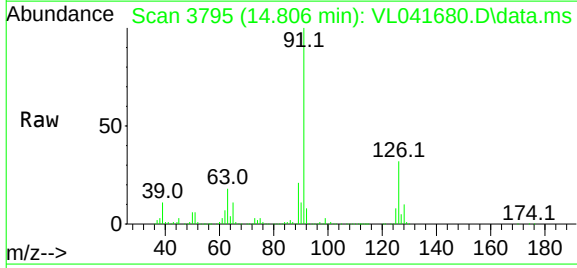
#71
2-Chlorotoluene
Concen: 15.038 ppbv
RT: 14.806 min Scan# 3792
Delta R.T. 0.010 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 5195848
Ion Ratio Lower Upper
91 100
126 32.2 12.8 51.0

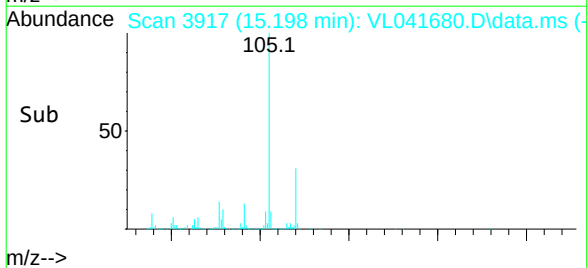
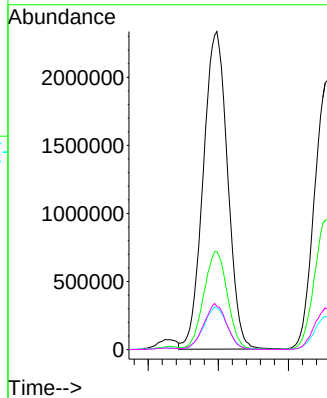
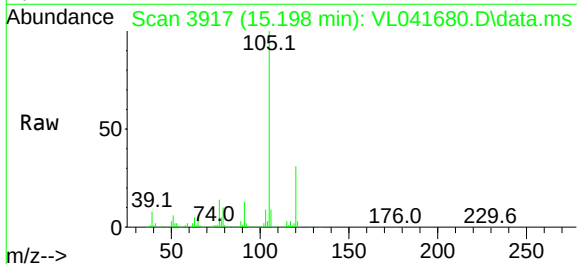
Manual Integrations
APPROVED

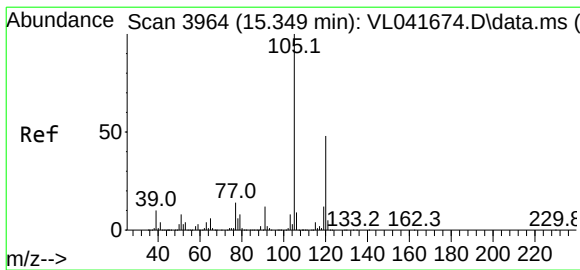
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#72
4-Ethyltoluene
Concen: 15.652 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.007 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Tgt Ion:105 Resp: 5625512
Ion Ratio Lower Upper
105 100
120 31.0 25.0 37.4
91 13.7 10.6 15.8
77 14.1 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 15.144 ppbv

RT: 15.355 min Scan# 39

Delta R.T. 0.007 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:105 Resp: 4772611

Ion Ratio Lower Upper

105 100

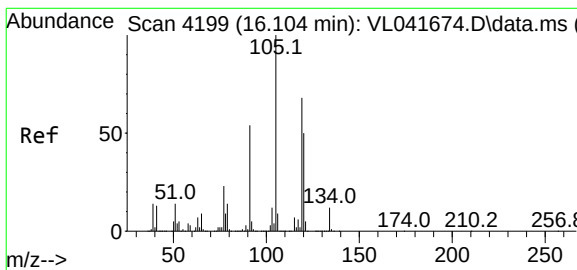
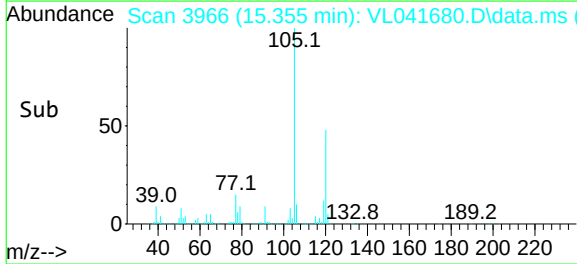
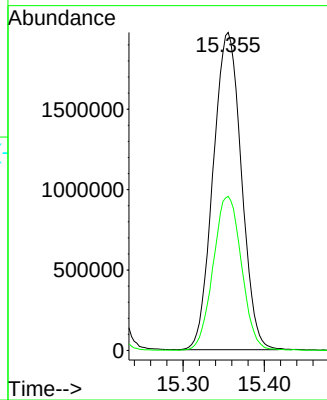
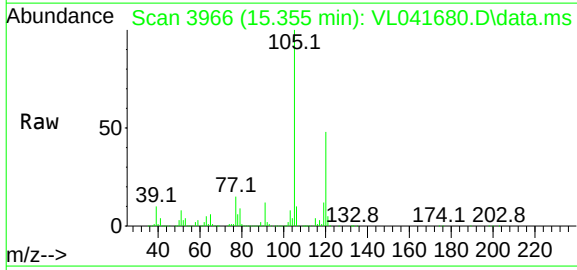
120 48.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#74

1,2,4-Trimethylbenzene

Concen: 14.183 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. 0.010 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

Tgt Ion:105 Resp: 5199497

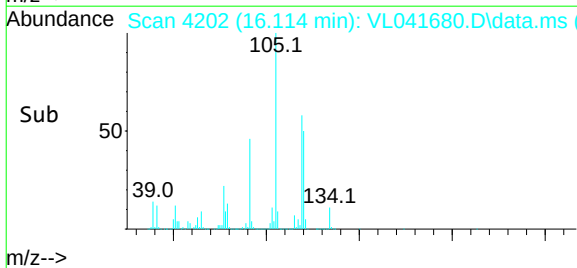
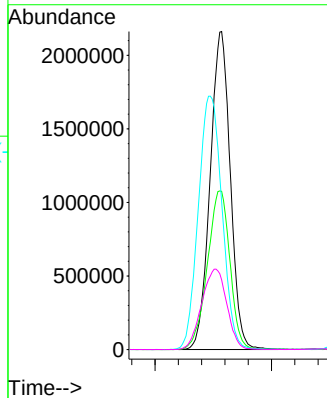
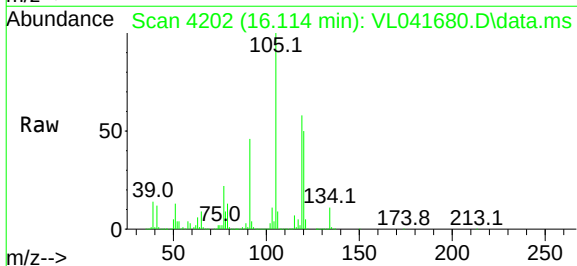
Ion Ratio Lower Upper

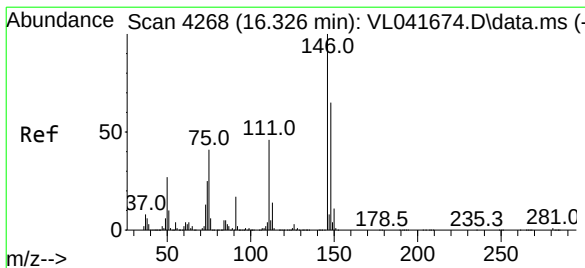
105 100

120 49.7 39.8 59.8

91 46.3 43.2 64.8

77 21.9 18.5 27.7





#75

1,3-Dichlorobenzene

Concen: 14.559 ppbv

RT: 16.336 min Scan# 4268

Delta R.T. 0.010 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:146 Resp: 3296952

Ion Ratio Lower Upper

146 100

111 45.3 22.8 68.3

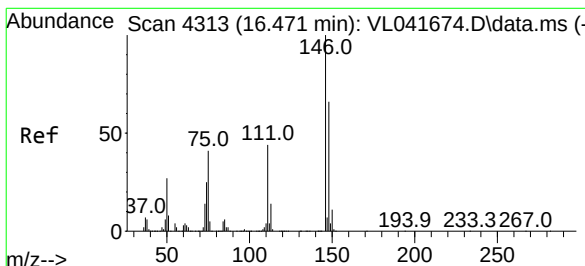
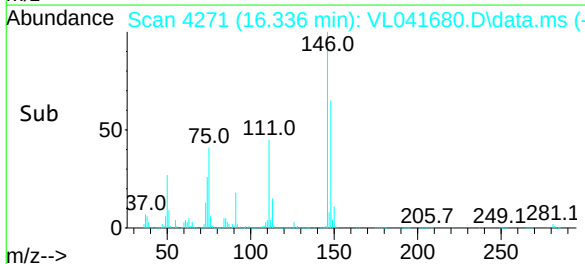
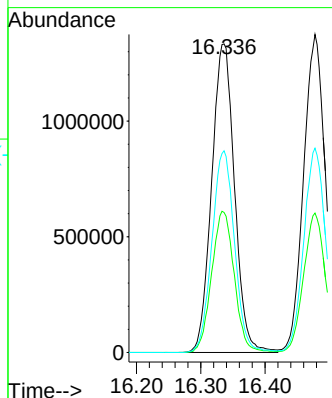
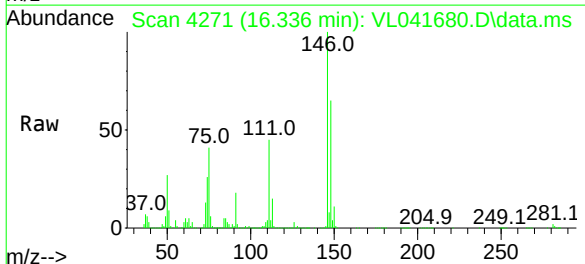
148 64.7 32.4 97.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#76

1,4-Dichlorobenzene

Concen: 14.402 ppbv

RT: 16.478 min Scan# 4315

Delta R.T. 0.007 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

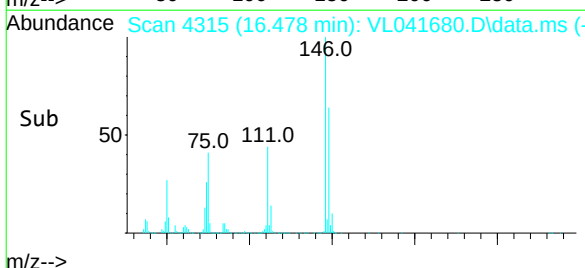
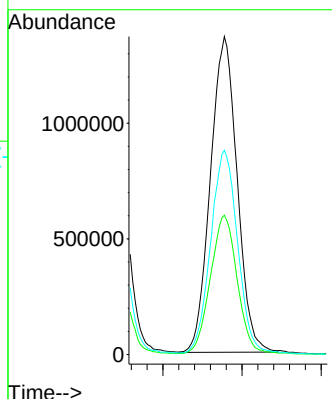
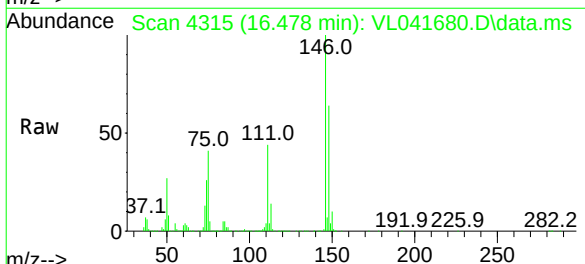
Tgt Ion:146 Resp: 3204404

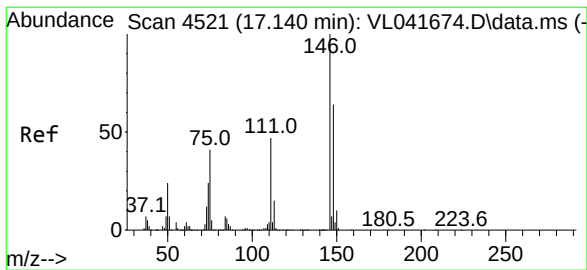
Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.3

148 66.2 33.3 99.8





#77

1,2-Dichlorobenzene

Concen: 14.336 ppbv

RT: 17.150 min Scan# 45

Delta R.T. 0.010 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:146 Resp: 3223835

Ion Ratio Lower Upper

146 100

111 46.5 23.4 70.3

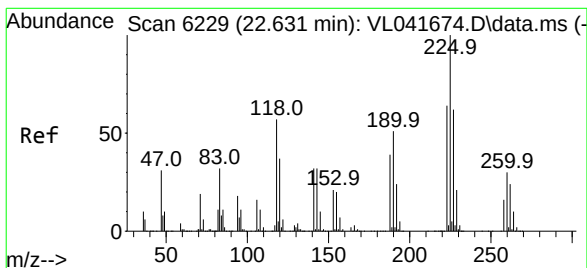
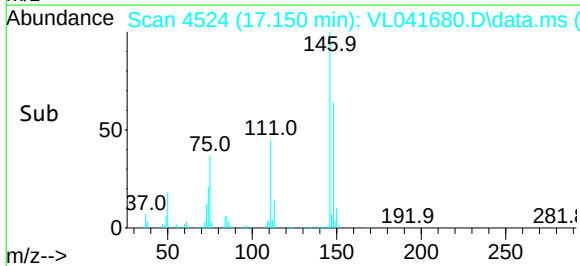
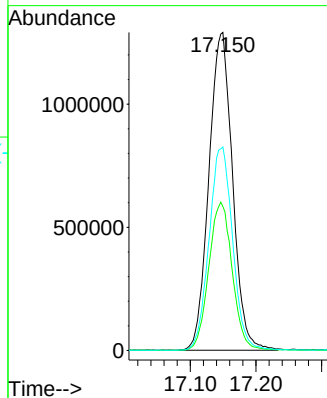
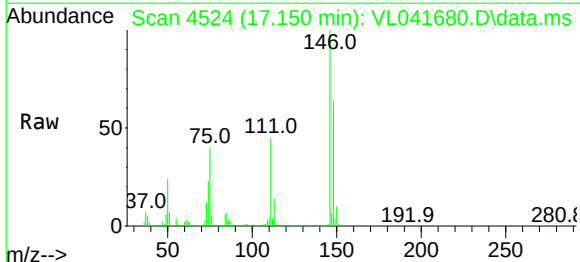
148 64.0 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#78

Hexachloro-1,3-Butadiene

Concen: 12.158 ppbv

RT: 22.638 min Scan# 6231

Delta R.T. 0.007 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

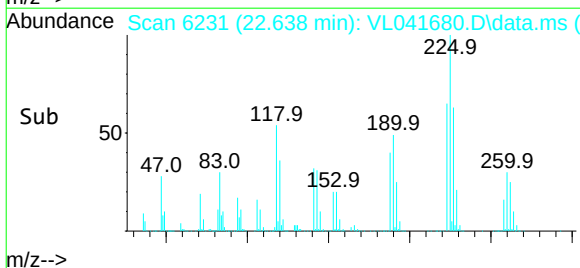
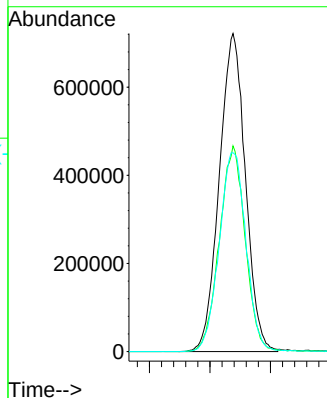
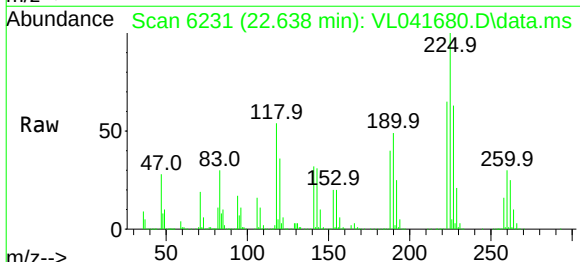
Tgt Ion:225 Resp: 2162938

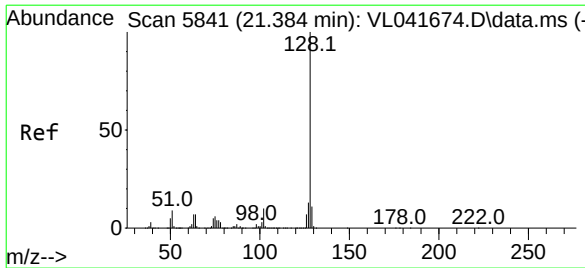
Ion Ratio Lower Upper

225 100

223 64.3 51.1 76.7

227 64.5 51.3 76.9





#79

Naphthalene

Concen: 19.355 ppbv

RT: 21.391 min Scan# 5841

Delta R.T. 0.007 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:128 Resp: 4363777

Ion Ratio Lower Upper

128 100

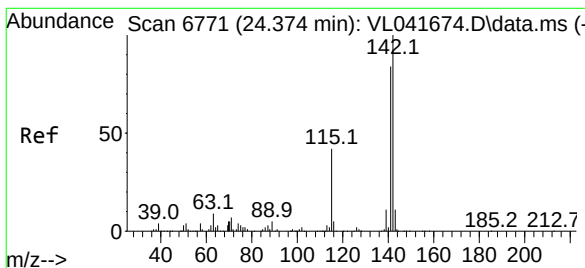
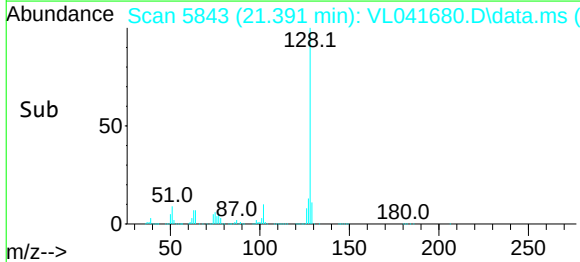
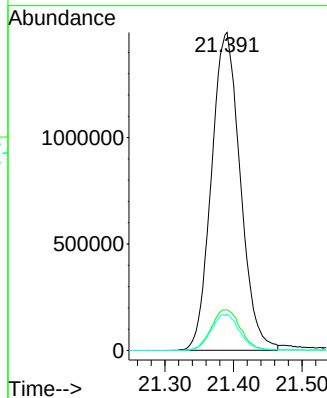
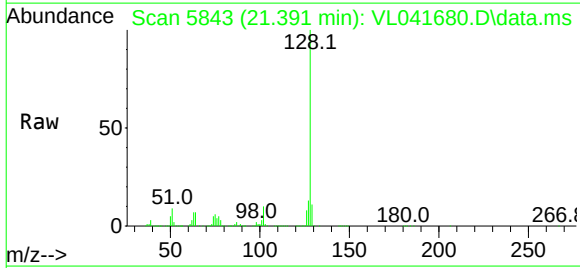
127 12.8 10.5 15.7

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: 23.129 ppbv m

RT: 24.374 min Scan# 6771

Delta R.T. 0.000 min

Lab File: VL041680.D

Acq: 7 Nov 2024 14:12

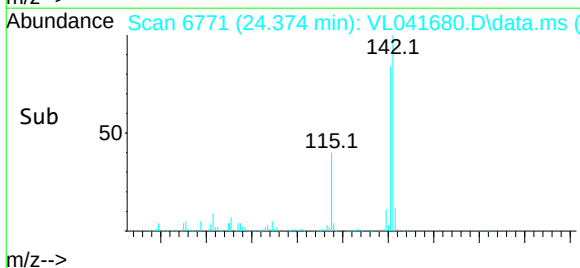
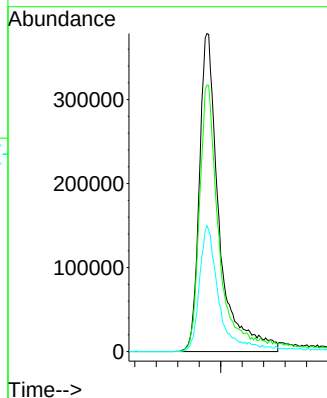
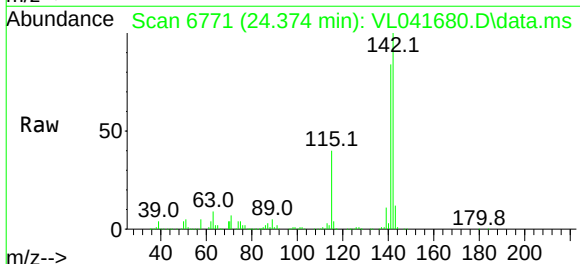
Tgt Ion:142 Resp: 967466

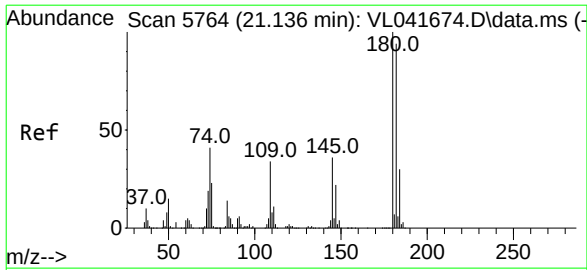
Ion Ratio Lower Upper

142 100

141 88.6 68.1 102.1

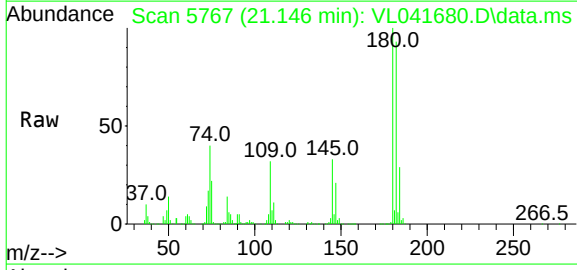
115 39.5 33.1 49.7





#81
1,2,4-Trichlorobenzene
Concen: 15.962 ppbv
RT: 21.146 min Scan# 5767
Delta R.T. 0.010 min
Lab File: VL041680.D
Acq: 7 Nov 2024 14:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion:180 Resp: 2238509

Ion	Ratio	Lower	Upper
180	100		
182	98.0	78.2	117.2
184	30.9	25.0	37.4

Manual Integrations
APPROVED

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

