

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112124\
 Data File : VL041713.D
 Acq On : 21 Nov 2024 10:16
 Operator : SY/MD
 Sample : VL1121ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1121ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 01:06:55 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 22 01:00:55 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	1134955	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.687	114	3168983	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.500	117	2890162m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.806 95 2215094 10.402 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.764	85	1630144	7.947	ppbv	98
3) Chlorodifluoromethane	2.706	51	1285062	8.690	ppbv	99
4) Chloromethane	2.848	50	716415	9.146	ppbv	96
5) Vinyl Chloride	2.954	62	682024	9.680	ppbv	100
6) Bromomethane	3.153	94	304189	8.138	ppbv	98
7) Chloroethane	3.230	64	237287	9.227	ppbv	98
8) Dichlorotetrafluoroethane	2.890	85	1655625	9.041	ppbv	99
9) Propene	2.729	41	588833	9.138	ppbv	100
10) Heptane	7.613	43	1461776	10.124	ppbv	99
11) Trichlorofluoromethane	3.594	101	1648437	9.226	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.099	101	1220108	9.395	ppbv	98
13) Ethanol	3.292	45	19898m	5.043	ppbv	
14) Bromoethene	3.401	108	483950	9.269	ppbv	98
15) Acetone	3.501	43	1224405	8.766	ppbv	100
16) 1,3-Butadiene	3.018	39	687757	9.758	ppbv	100
17) tert-Butyl alcohol	3.912	59	1149012	9.374	ppbv	100
18) 1,1-Dichloroethene	3.915	96	535425	9.400	ppbv	97
19) Isopropyl Alcohol	3.610	45	625847	9.374	ppbv	100
20) Methylene Chloride	3.967	84	445518	8.668	ppbv	98
21) Allyl Chloride	4.031	41	833062	9.652	ppbv	97
22) trans-1,2-Dichloroethene	4.478	96	536875	9.479	ppbv	100
23) Vinyl Acetate	4.658	43	757071	12.295	ppbv #	97
24) 1,1-Dichloroethane	4.597	63	1176486	9.307	ppbv	99
25) Ethyl Acetate	5.237	43	2679235	9.267	ppbv	99
26) Hexane	5.246	57	1065415	9.591	ppbv	98
27) Carbon Disulfide	4.156	76	1327851	10.640	ppbv	99
28) Methyl tert-Butyl Ether	4.619	73	670312	9.371	ppbv	99
29) Chloroform	5.308	83	1693486	9.236	ppbv	100
30) Cyclohexane	6.635	84	903309	9.550	ppbv	98
31) cis-1,2-Dichloroethene	5.111	61	1042430	9.755	ppbv	99
32) 1,1,1-Trichloroethane	6.037	97	1669061	9.978	ppbv	100
34) 2-Butanone	4.819	43	1417727	8.985	ppbv	99
35) Carbon Tetrachloride	6.529	117	1741838	10.418	ppbv	99
36) Benzene	6.404	78	2312069	9.847	ppbv	100
37) 1,2-Dichloroethane	5.841	62	1284047	9.693	ppbv	99
38) Trichloroethene	7.327	130	1289883	14.303	ppbv	98
39) 1,2-Dichloropropane	7.105	63	891656	9.610	ppbv	97
40) 1,4-Dioxane	7.317	88	363295	10.912	ppbv	90
41) Tetrahydrofuran	5.590	42	934965	10.375	ppbv	99
42) Bromodichloromethane	7.285	83	1839599	9.994	ppbv	99
43) Methyl Methacrylate	7.507	69	901641	10.937	ppbv	99
44) 2,2,4-Trimethylpentane	7.359	57	3894162	9.791	ppbv	100
45) t-1,3-Dichloropropene	8.745	75	748133	9.931	ppbv	99

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 01:06:55 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 22 01:00:55 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.179	75	1103972	10.203	ppbv	98
47) 1,1,2-Trichloroethane	8.934	97	949123	9.451	ppbv	98
48) Dibromochloromethane	9.745	129	1553797	10.178	ppbv	100
49) Bromoform	12.439	173	1365111	10.451	ppbv	100
50) 4-Methyl-2-Pentanone	8.214	43	2511109	10.366	ppbv	100
51) 2-Hexanone	9.584	43	1968115	11.157	ppbv	100
52) Tetrachloroethene	10.648	164	833665	10.419	ppbv	97
53) Toluene	9.253	91	2633054	10.664	ppbv	99
54) 1,2-Dibromoethane	10.040	107	1247128	10.629	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.542	131	1158400	9.718	ppbv	100
57) Chlorobenzene	11.561	112	2078199	9.722	ppbv	99
58) Ethyl Benzene	12.121	91	3565857	11.254	ppbv	98
59) m/p-Xylene	12.404	91	6079786m	21.427	ppbv	
60) o-Xylene	13.089	91	2972199	10.985	ppbv	99
61) Styrene	12.931	104	1410360	12.630	ppbv	100
62) Isopropylbenzene	14.060	105	4263154	10.202	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.079	83	1179536	5.927	ppbv	99
64) n-propylbenzene	14.947	120	1146628	10.482	ppbv	99
65) tert-Butylbenzene	16.121	119	3836581	10.215	ppbv	100
66) Benzyl Chloride	16.359	91	179175	6.202	ppbv	96
67) sec-Butylbenzene	16.664	105	5364091	10.134	ppbv	100
69) p-Isopropyltoluene	17.027	119	4458745	10.419	ppbv	100
70) n-Butylbenzene	17.918	91	4604740	10.517	ppbv	100
71) 2-Chlorotoluene	14.835	91	3223209	10.671	ppbv	99
72) 4-Ethyltoluene	15.224	105	3514757	11.173	ppbv	99
73) 1,3,5-Trimethylbenzene	15.381	105	2999740	10.867	ppbv	100
74) 1,2,4-Trimethylbenzene	16.140	105	3320988	10.358	ppbv	97
75) 1,3-Dichlorobenzene	16.362	146	2028386	10.215	ppbv	100
76) 1,4-Dichlorobenzene	16.506	146	1989769	10.386	ppbv	99
77) 1,2-Dichlorobenzene	17.175	146	1974338	10.037	ppbv	99
78) Hexachloro-1,3-Butadiene	22.670	225	1371815	8.817	ppbv	99
79) Naphthalene	21.419	128	2632672	13.302	ppbv	99
80) Naphthalene,2-methyl-	24.403	142	1177283	27.288	ppbv	96
81) 1,2,4-Trichlorobenzene	21.175	180	1367312m	10.986	ppbv	

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

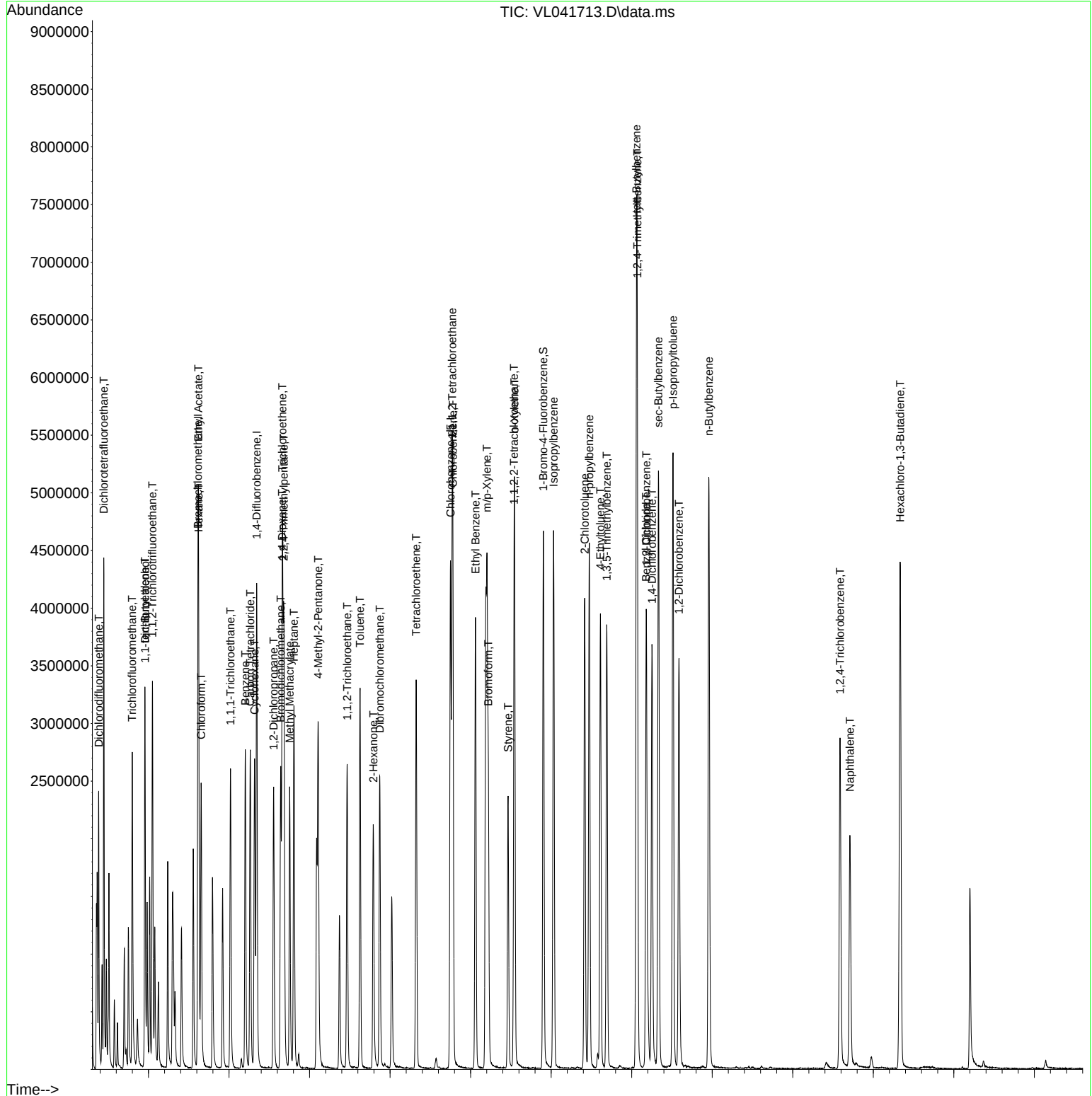
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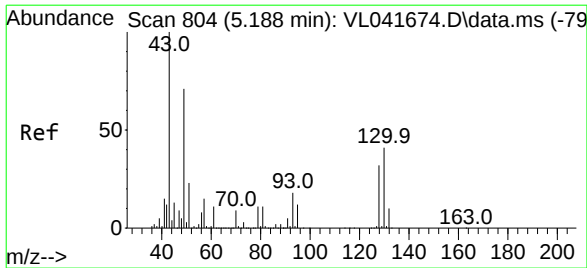
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

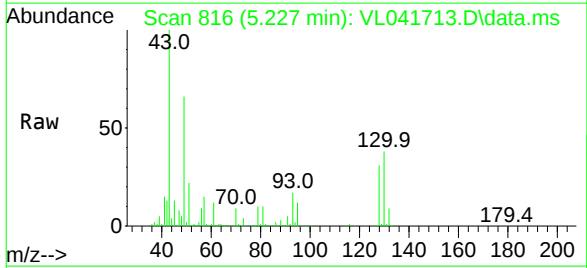
Quant Time: Nov 22 01:06:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Nov 22 01:00:55 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

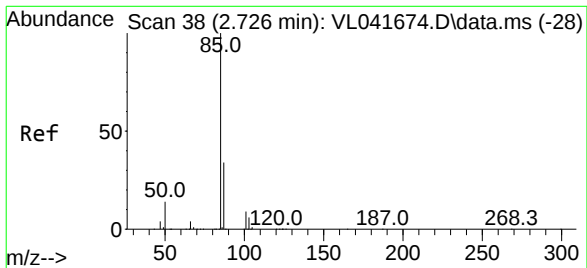
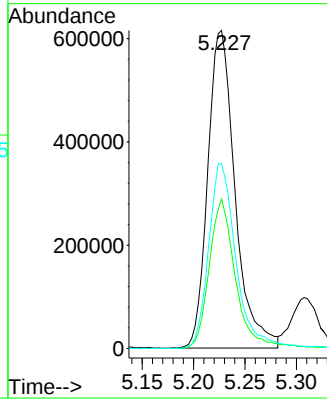
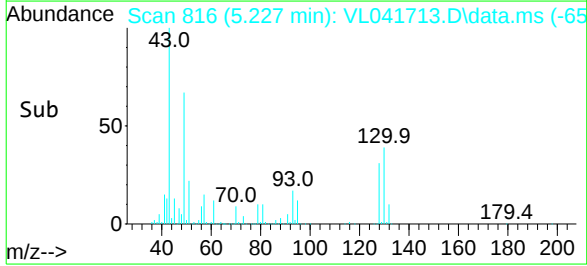
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01



Tgt Ion: 49 Resp: 1134955
Ion Ratio Lower Upper
49 100
128 46.2 23.8 71.2
130 59.4 30.1 90.5

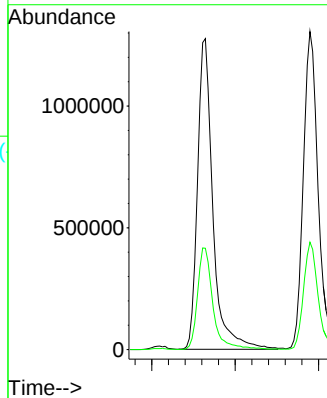
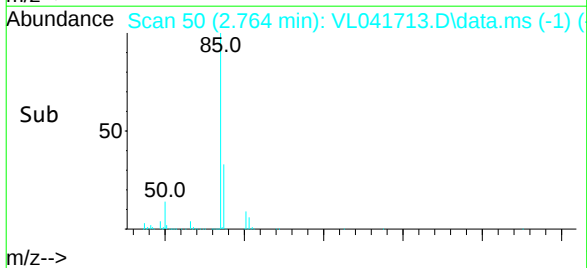
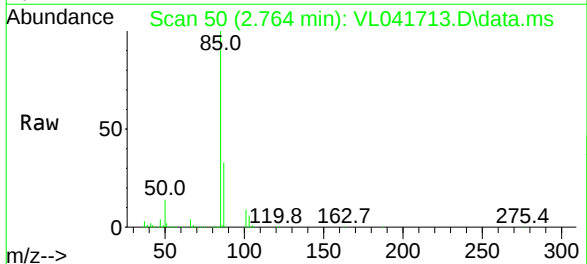
Manual Integrations
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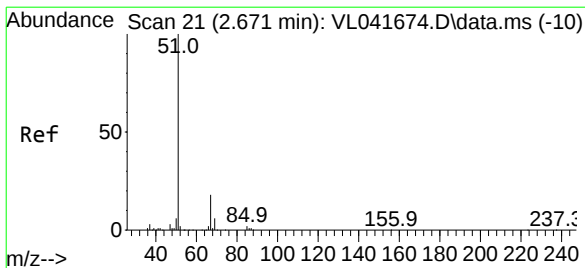
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#2
Dichlorodifluoromethane
Concen: 7.947 ppbv
RT: 2.764 min Scan# 50
Delta R.T. 0.006 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

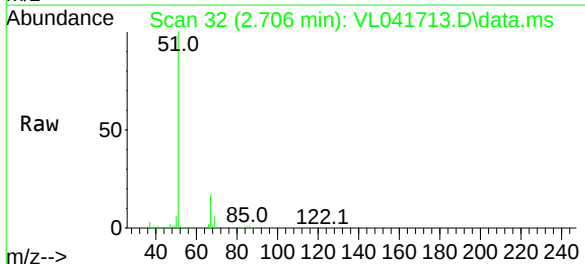
Tgt Ion: 85 Resp: 1630144
Ion Ratio Lower Upper
85 100
87 32.6 26.8 40.2





#3
Chlorodifluoromethane
Concen: 8.690 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

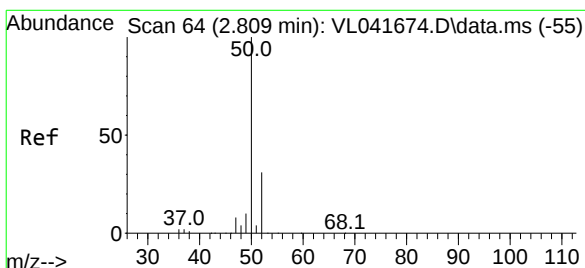
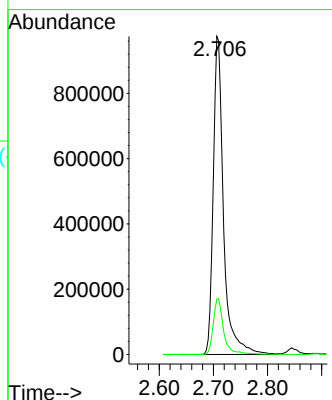
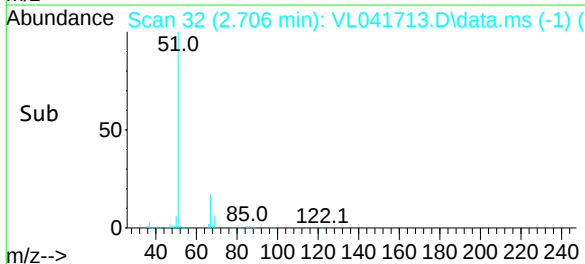
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01



Tgt Ion: 51 Resp: 1285062
Ion Ratio Lower Upper
51 100
67 18.0 13.9 20.9

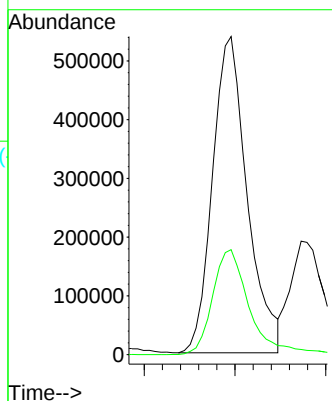
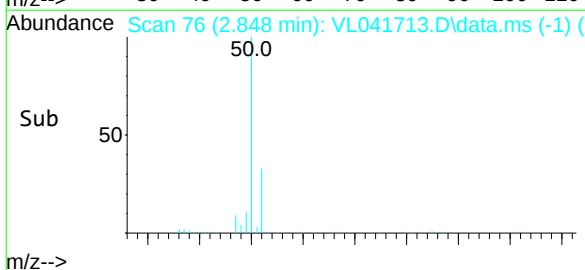
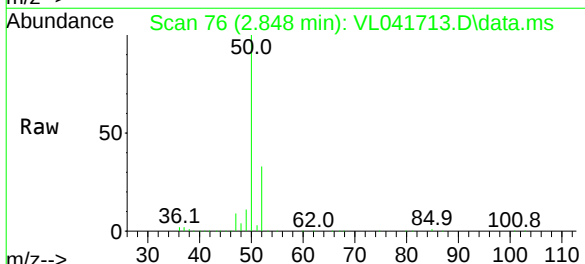
Manual Integrations
APPROVED

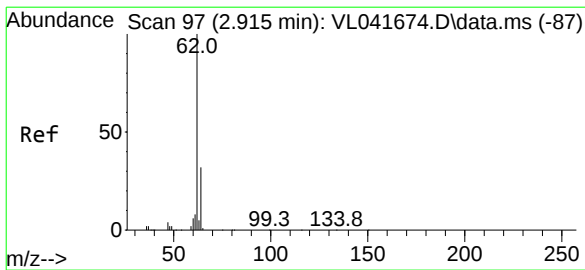
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#4
Chloromethane
Concen: 9.146 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.006 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

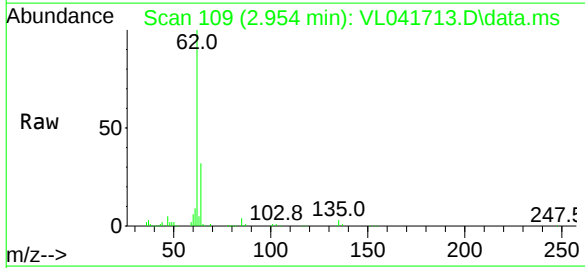
Tgt Ion: 50 Resp: 716415
Ion Ratio Lower Upper
50 100
52 33.2 24.9 37.3





#5
 Vinyl Chloride
 Concen: 9.680 ppbv
 RT: 2.954 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VL041713.D
 Acq: 21 Nov 2024 10:16

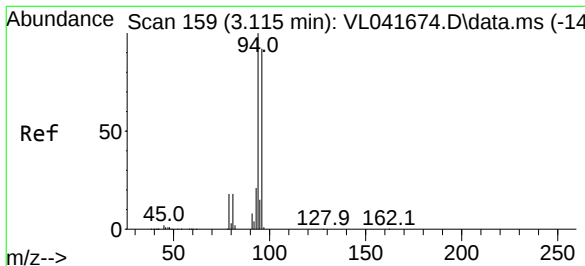
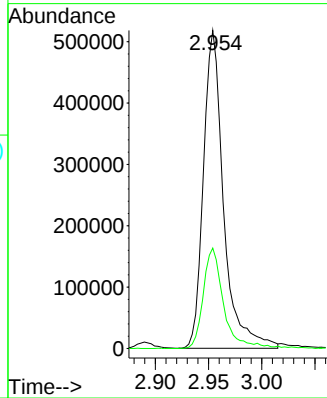
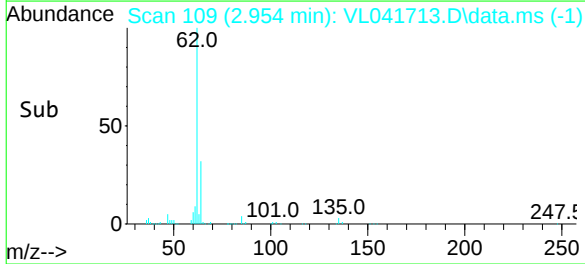
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1121ABS01



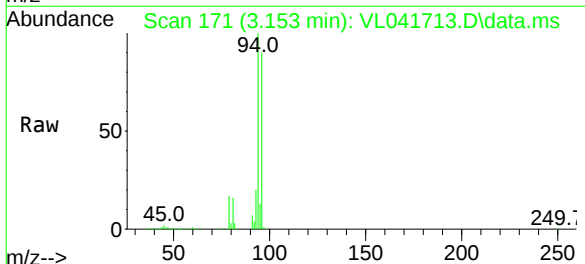
Tgt Ion: 62 Resp: 682024
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.4 38.2

Manual Integrations
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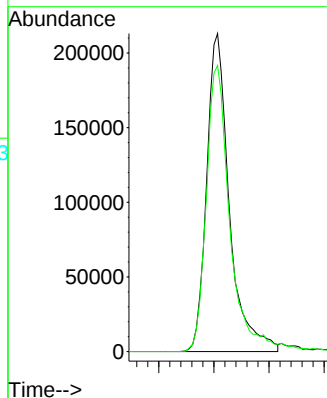
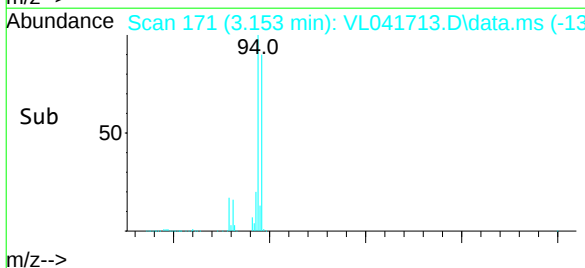
Reviewed By :Semsettin Yesilyurt 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

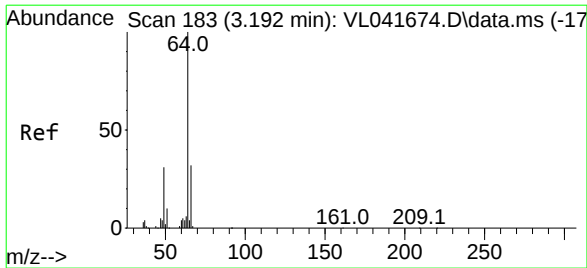


#6
 Bromomethane
 Concen: 8.138 ppbv
 RT: 3.153 min Scan# 171
 Delta R.T. 0.006 min
 Lab File: VL041713.D
 Acq: 21 Nov 2024 10:16



Tgt Ion: 94 Resp: 304189
 Ion Ratio Lower Upper
 94 100
 96 90.0 73.4 110.2





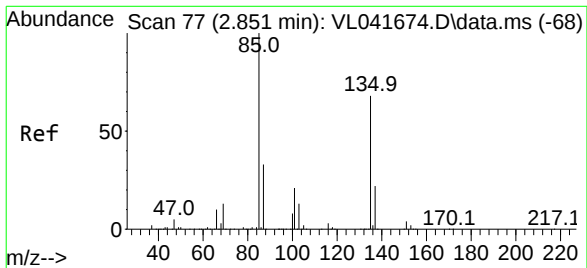
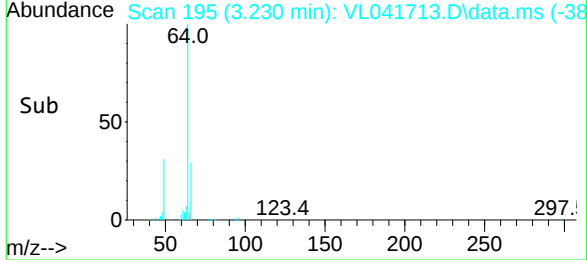
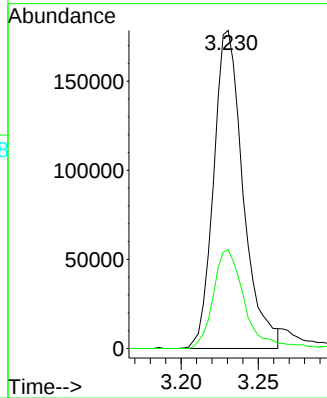
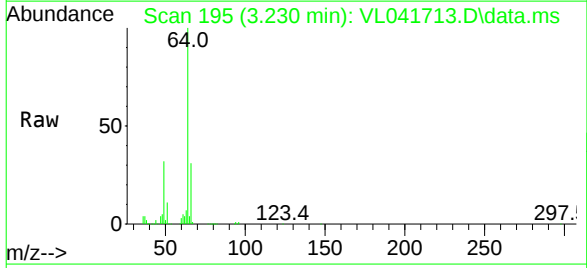
#7
Chloroethane
Concen: 9.227 ppbv
RT: 3.230 min Scan# 19
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion: 64 Resp: 237287
Ion Ratio Lower Upper
64 100
66 31.1 25.9 38.9

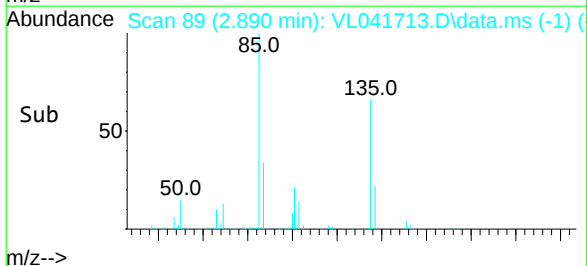
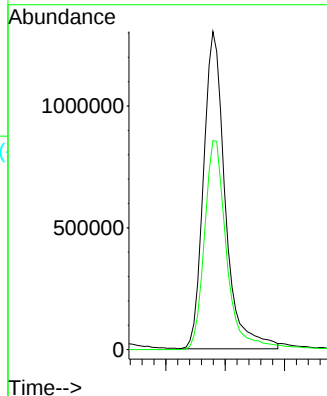
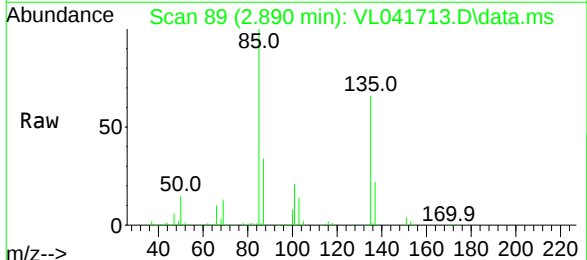
Manual Integrations
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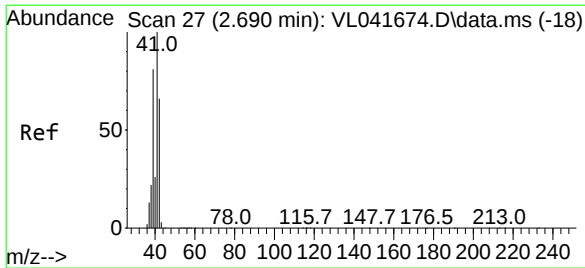
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#8
Dichlorotetrafluoroethane
Concen: 9.041 ppbv
RT: 2.890 min Scan# 89
Delta R.T. 0.006 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

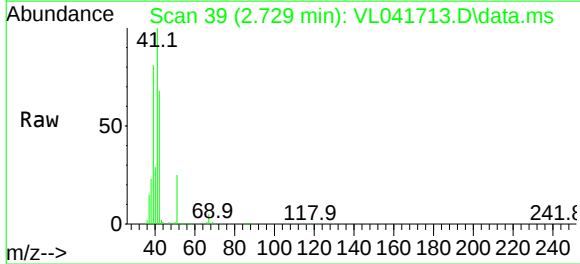
Tgt Ion: 85 Resp: 1655625
Ion Ratio Lower Upper
85 100
135 68.5 55.5 83.3





#9
Propene
Concen: 9.138 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.006 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

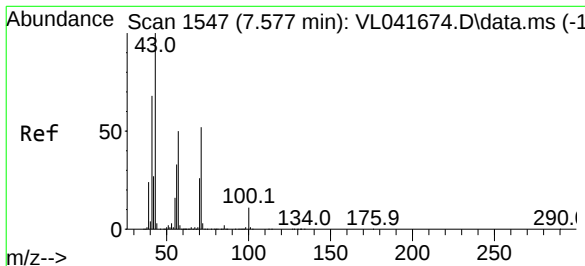
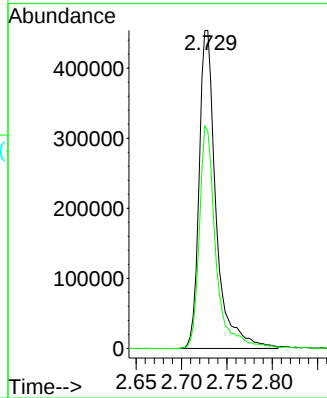
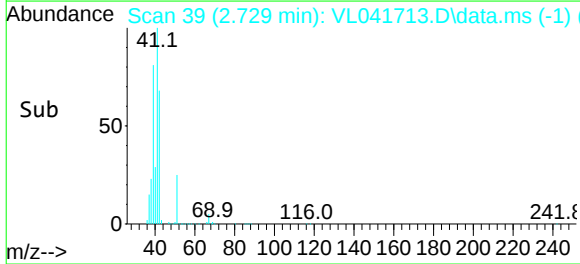
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01



Tgt Ion: 41 Resp: 588833
Ion Ratio Lower Upper
41 100
42 68.8 55.0 82.4

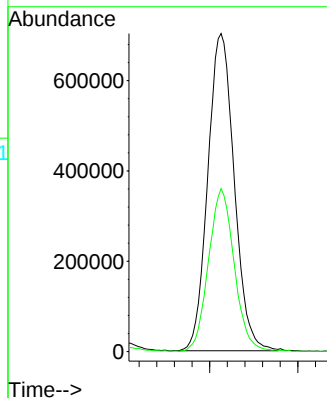
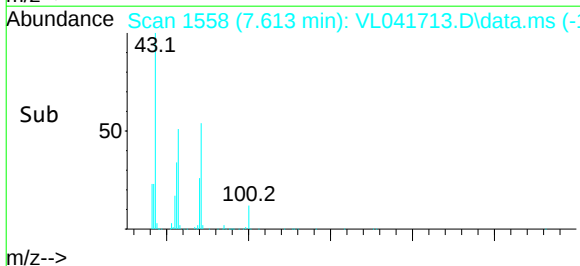
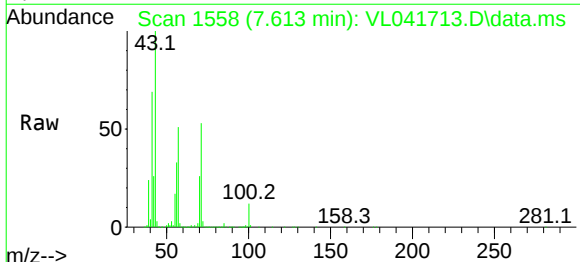
Manual Integrations
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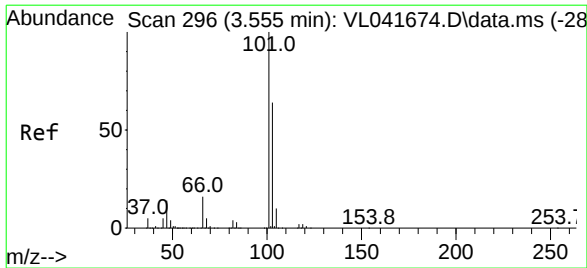
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#10
Heptane
Concen: 10.124 ppbv
RT: 7.613 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion: 43 Resp: 1461776
Ion Ratio Lower Upper
43 100
57 50.4 40.0 60.0





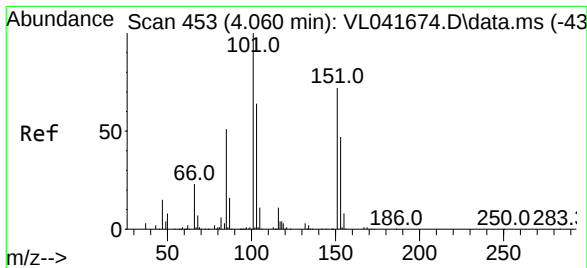
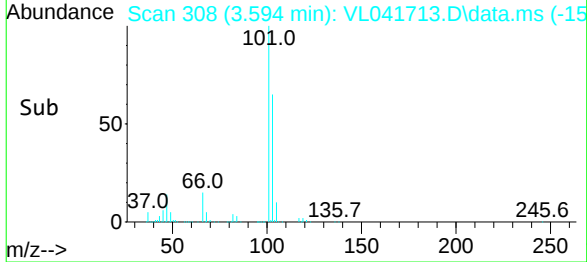
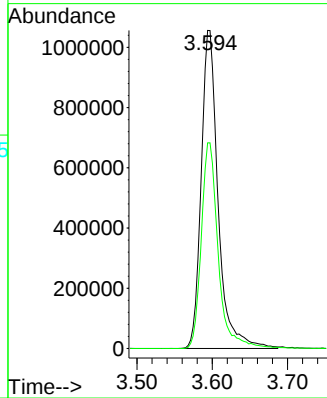
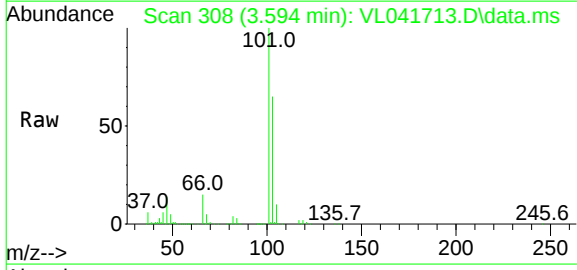
#11
Trichlorofluoromethane
Concen: 9.226 ppbv
RT: 3.594 min Scan# 308
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion:101 Resp: 1648437
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.6

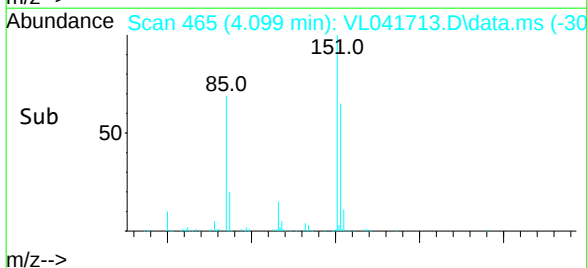
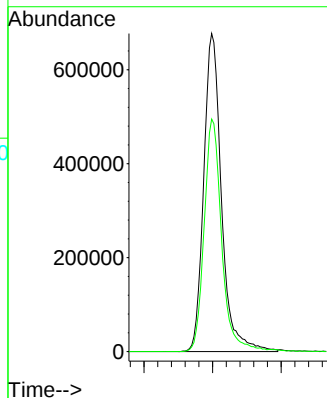
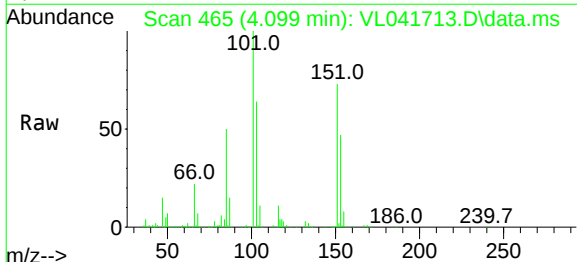
Manual Integrations
APPROVED

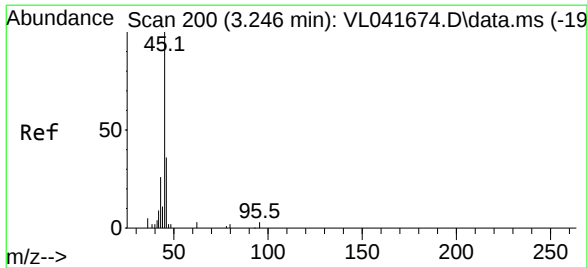
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.395 ppbv
RT: 4.099 min Scan# 465
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion:101 Resp: 1220108
Ion Ratio Lower Upper
101 100
151 72.5 59.1 88.7





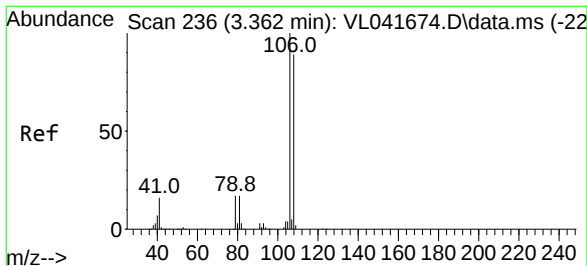
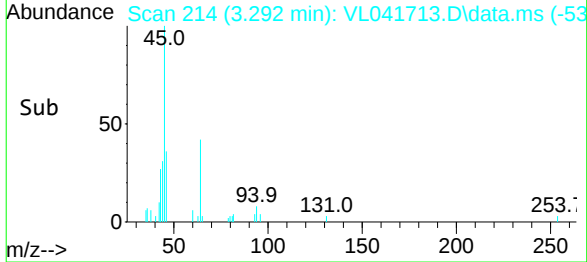
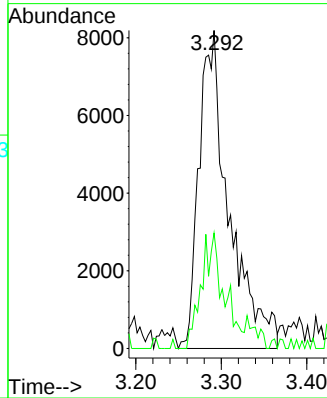
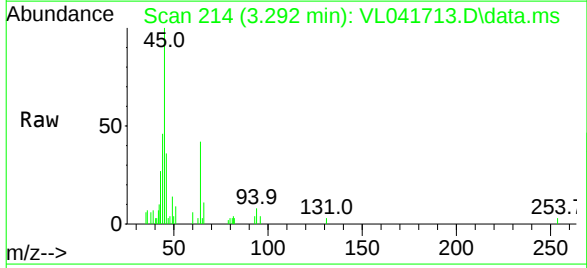
#13
Ethanol
Concen: 5.043 ppbv m
RT: 3.292 min Scan# 211
Delta R.T. 0.016 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion: 45 Resp: 19898
Ion Ratio Lower Upper
45 100
46 32.1 13.8 55.2

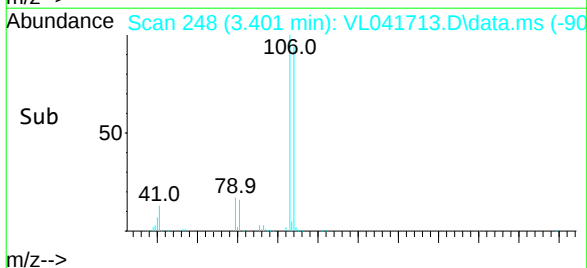
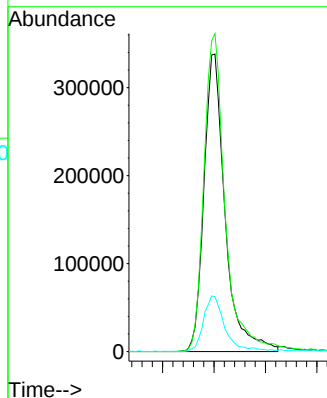
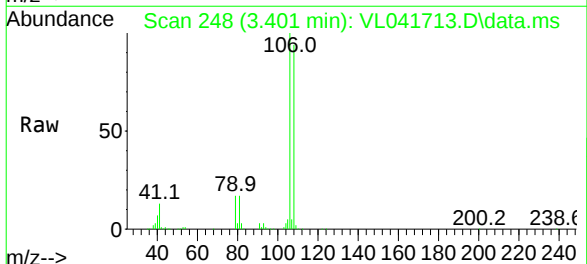
Manual Integrations
APPROVED

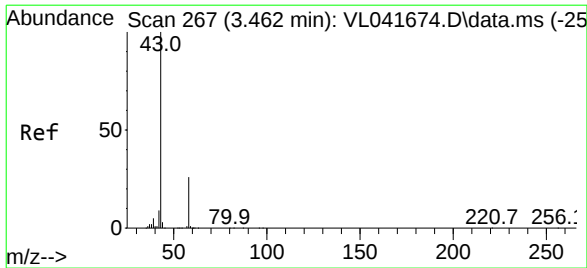
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#14
Bromoethene
Concen: 9.269 ppbv
RT: 3.401 min Scan# 248
Delta R.T. 0.006 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion:108 Resp: 483950
Ion Ratio Lower Upper
108 100
106 108.8 88.6 133.0
79 19.3 15.6 23.4





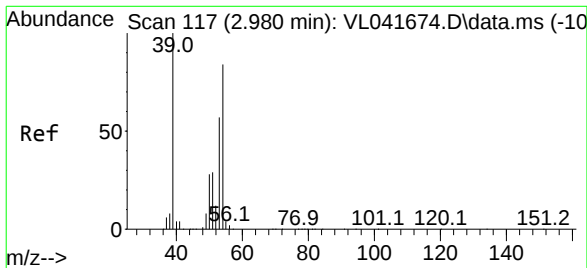
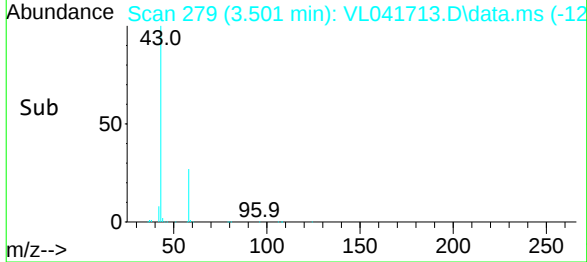
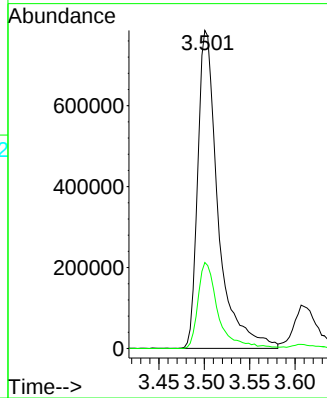
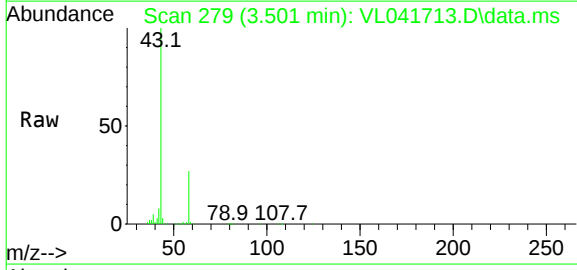
#15
Acetone
Concen: 8.766 ppbv
RT: 3.501 min Scan# 27
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion: 43 Resp: 1224405
Ion Ratio Lower Upper
43 100
58 26.9 21.4 32.0

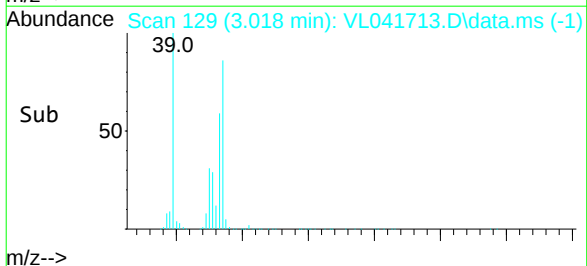
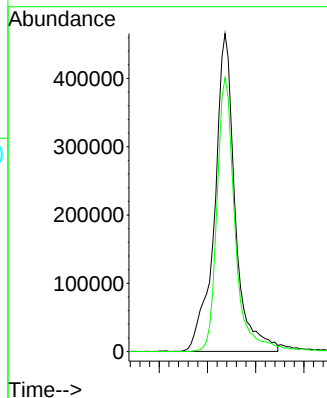
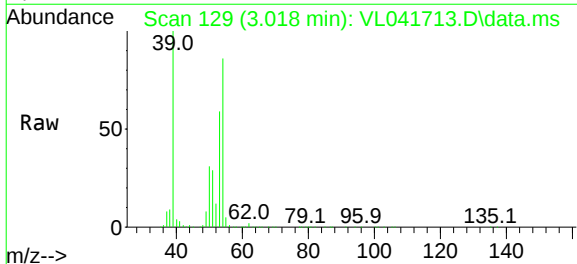
Manual Integrations
APPROVED

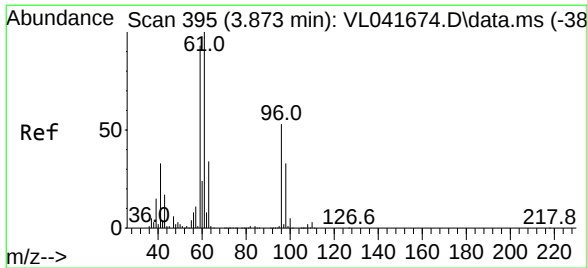
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#16
1,3-Butadiene
Concen: 9.758 ppbv
RT: 3.018 min Scan# 129
Delta R.T. 0.006 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

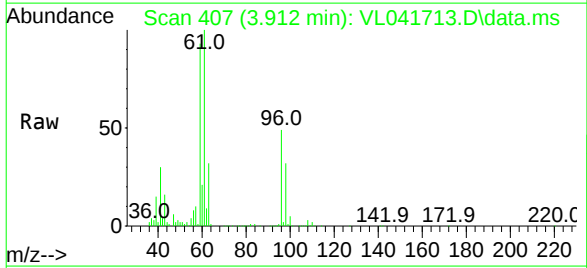
Tgt Ion: 39 Resp: 687757
Ion Ratio Lower Upper
39 100
54 76.8 61.3 91.9





#17
tert-Butyl alcohol
Concen: 9.374 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.006 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

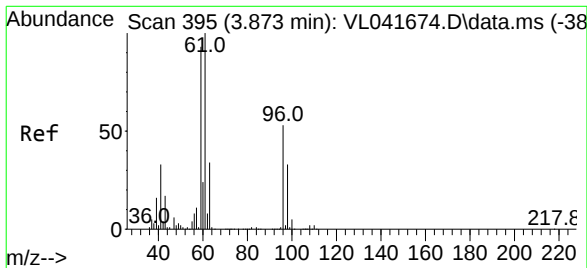
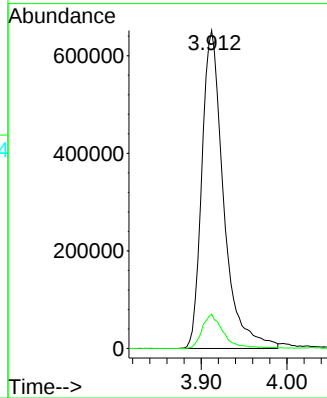
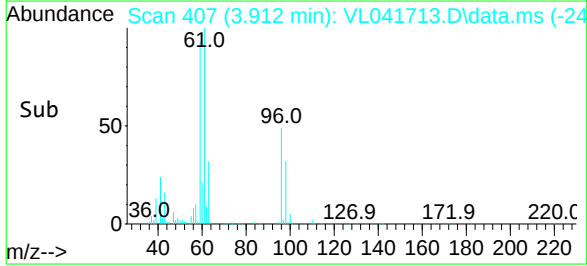
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01



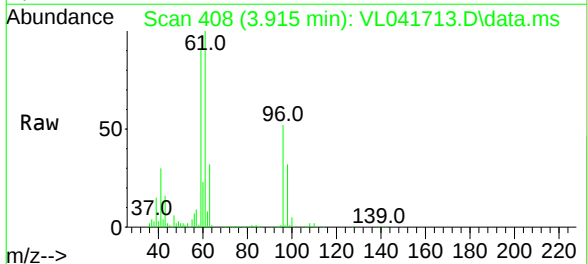
Tgt Ion: 59 Resp: 1149012
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

Manual Integrations
APPROVED

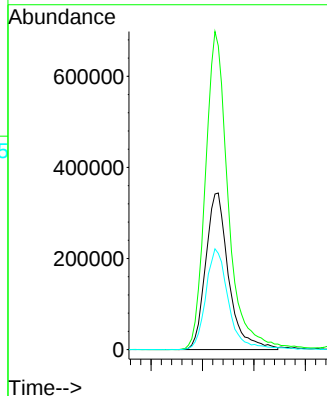
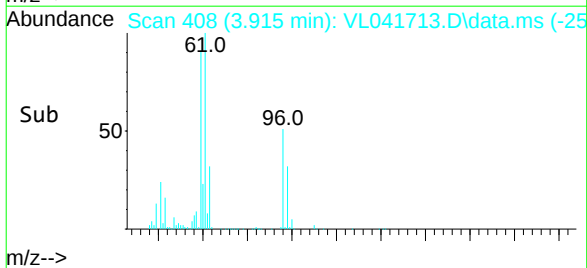
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

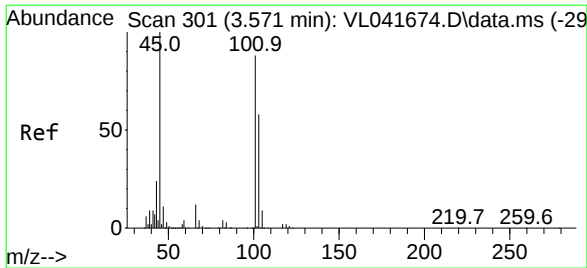


#18
1,1-Dichloroethene
Concen: 9.400 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.006 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16



Tgt Ion: 96 Resp: 535425
Ion Ratio Lower Upper
96 100
61 193.9 150.7 226.1
98 61.4 49.4 74.2





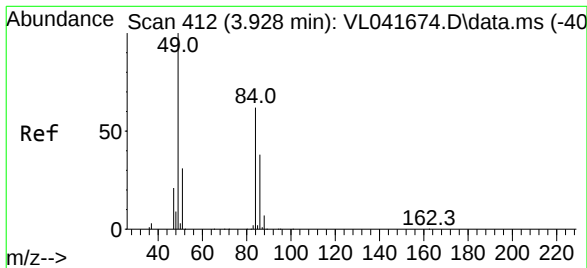
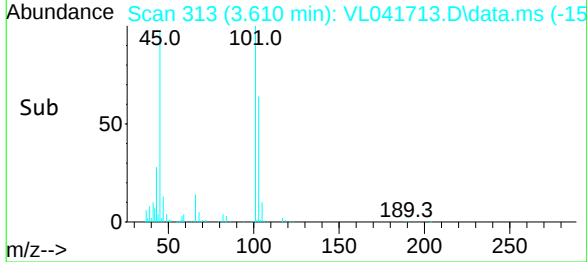
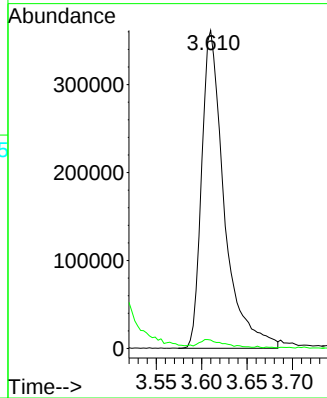
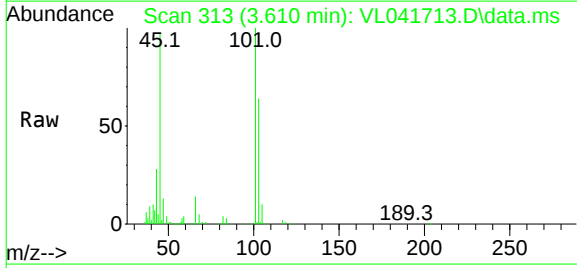
#19
Isopropyl Alcohol
Concen: 9.374 ppbv
RT: 3.610 min Scan# 311
Delta R.T. 0.006 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion: 45 Resp: 625847
Ion Ratio Lower Upper
45 100
58 3.0 2.5 3.7

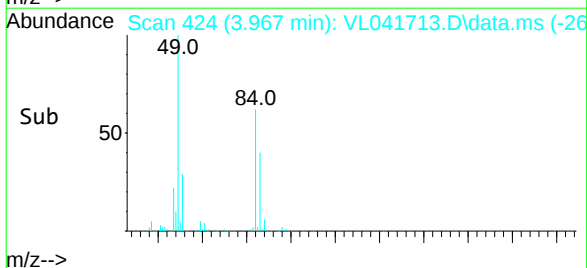
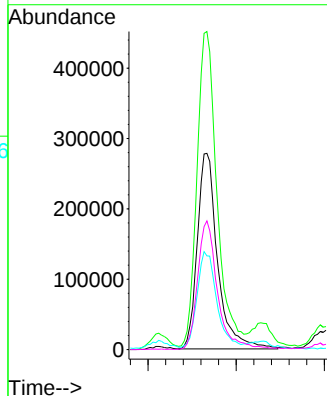
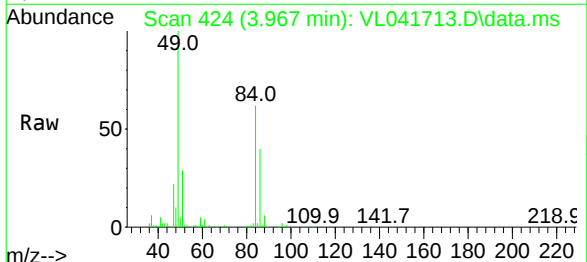
Manual Integrations
APPROVED

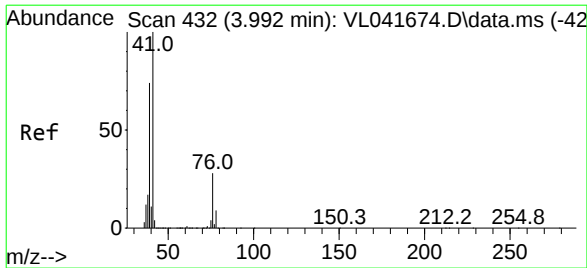
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#20
Methylene Chloride
Concen: 8.668 ppbv
RT: 3.967 min Scan# 424
Delta R.T. 0.006 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion: 84 Resp: 445518
Ion Ratio Lower Upper
84 100
49 161.0 129.7 194.5
51 46.7 39.8 59.6
86 65.6 49.1 73.7





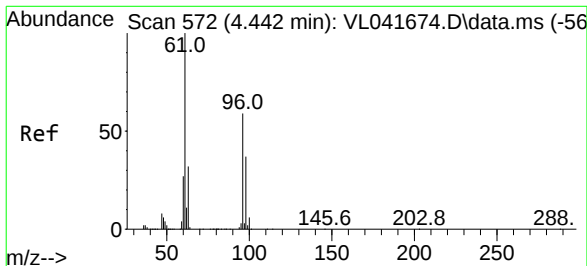
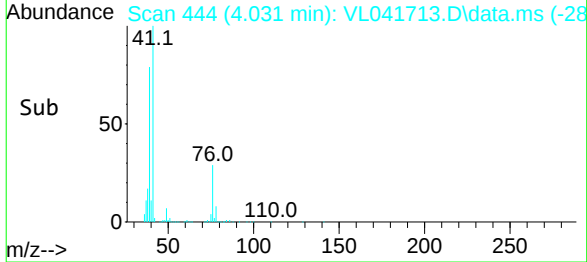
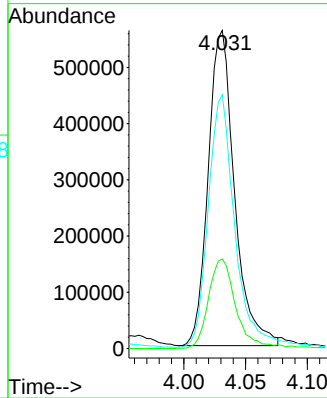
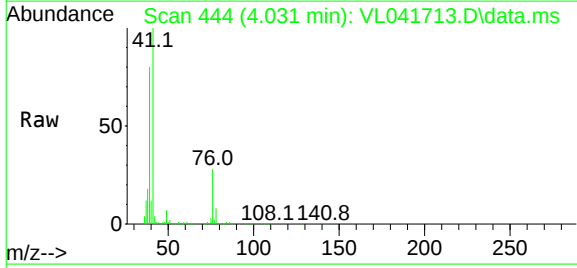
#21
 Allyl Chloride
 Concen: 9.652 ppbv
 RT: 4.031 min Scan# 44
 Delta R.T. 0.006 min
 Lab File: VL041713.D
 Acq: 21 Nov 2024 10:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1121ABS01

Tgt Ion:	41	Resp:	833062
Ion	Ratio	Lower	Upper
41	100		
76	30.0	23.5	35.3
39	82.1	63.0	94.4

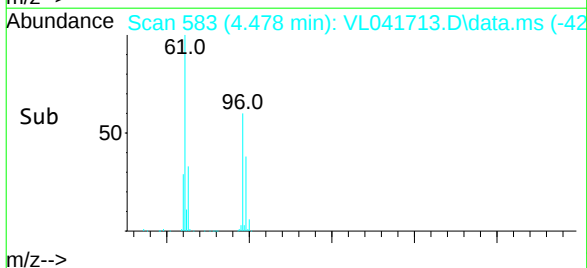
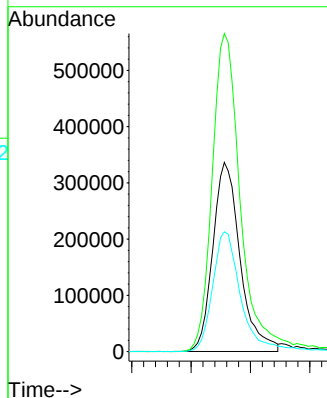
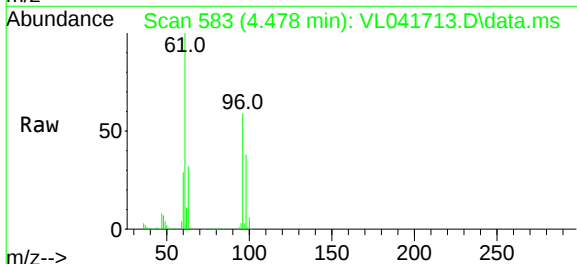
Manual Integrations
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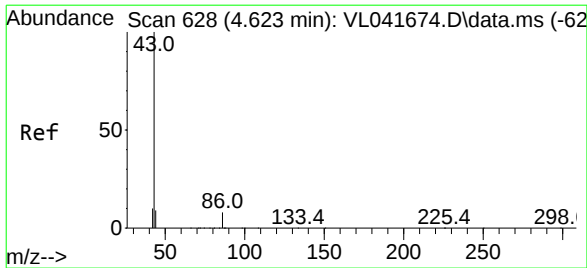
Reviewed By :Semsettin Yesilyurt 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.479 ppbv
 RT: 4.478 min Scan# 583
 Delta R.T. 0.003 min
 Lab File: VL041713.D
 Acq: 21 Nov 2024 10:16

Tgt Ion:	96	Resp:	536875
Ion	Ratio	Lower	Upper
96	100		
61	168.2	134.5	201.7
98	63.2	49.6	74.4





#23
 Vinyl Acetate
 Concen: 12.295 ppbv
 RT: 4.658 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VL041713.D
 Acq: 21 Nov 2024 10:16

Instrument :

MSVOA_L

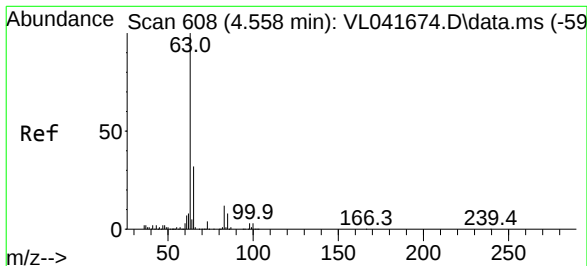
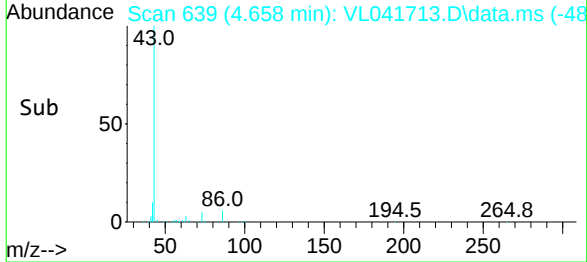
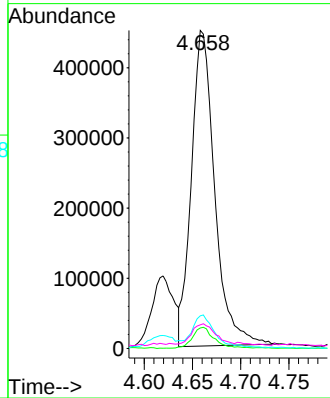
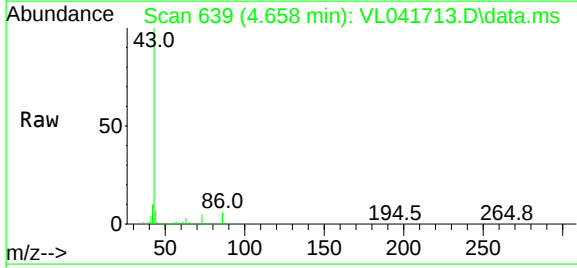
ClientSampleId :

VL1121ABS01

Tgt Ion: 43 Resp: 757071
 Ion Ratio Lower Upper
 43 100
 86 6.5 5.3 7.9
 42 10.1 8.5 12.7
 44 6.4 6.7 10.1#

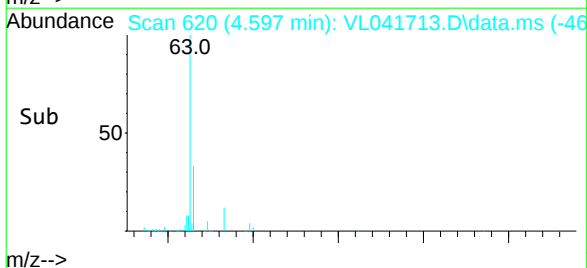
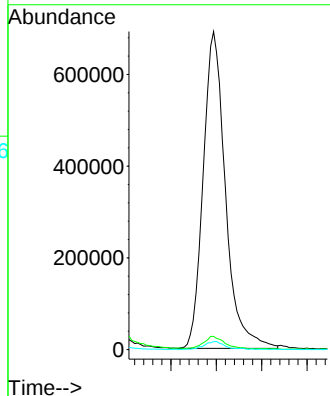
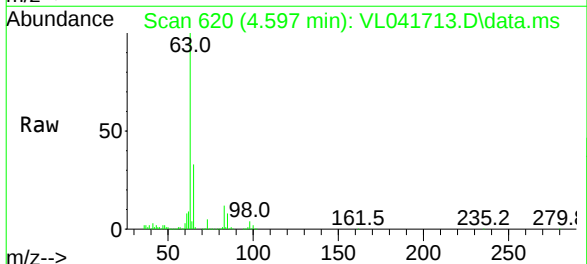
Manual Integrations
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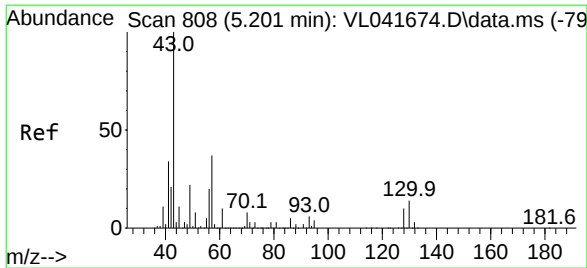
Reviewed By :Semsettin Yesilyurt 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#24
 1,1-Dichloroethane
 Concen: 9.307 ppbv
 RT: 4.597 min Scan# 620
 Delta R.T. 0.003 min
 Lab File: VL041713.D
 Acq: 21 Nov 2024 10:16

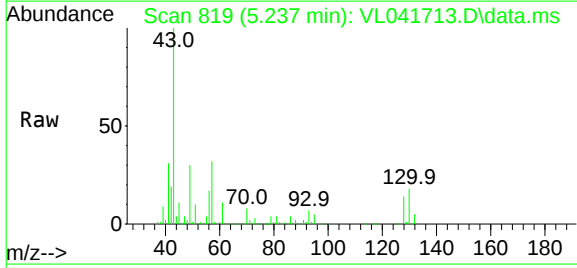
Tgt Ion: 63 Resp: 1176486
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.4
 100 2.4 1.4 4.2





#25
Ethyl Acetate
Concen: 9.267 ppbv
RT: 5.237 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

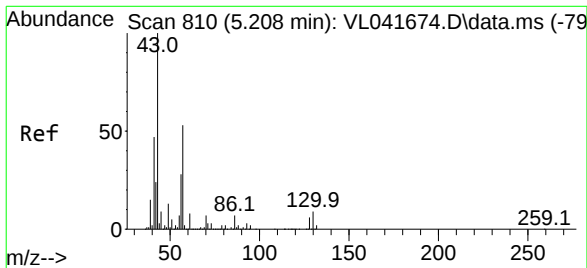
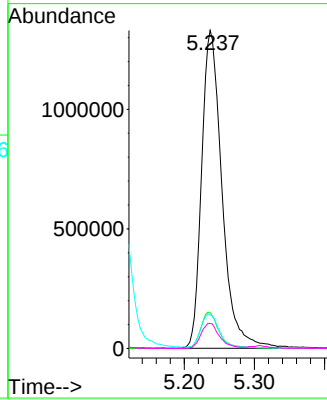
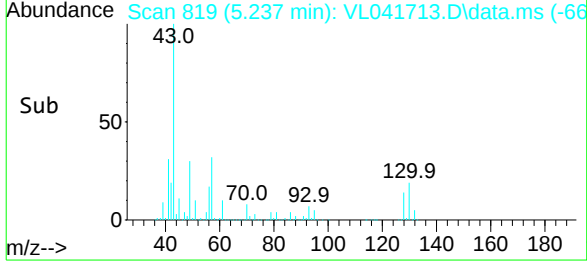
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01



Tgt Ion: 43 Resp: 2679235
Ion Ratio Lower Upper
43 100
45 10.5 8.6 13.0
61 10.1 8.4 12.6
70 7.3 5.8 8.6

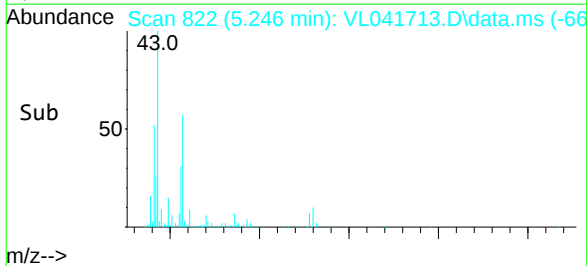
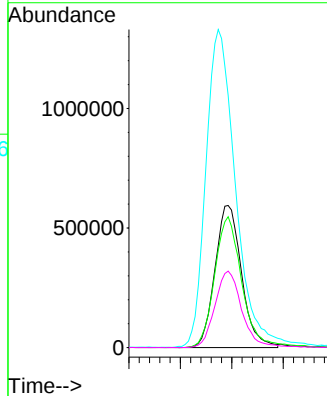
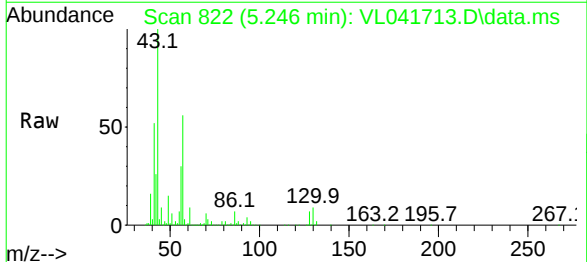
Manual Integrations
APPROVED

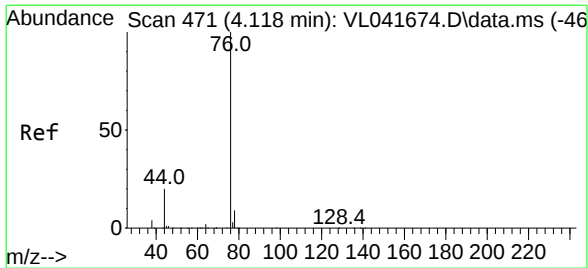
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#26
Hexane
Concen: 9.591 ppbv
RT: 5.246 min Scan# 822
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

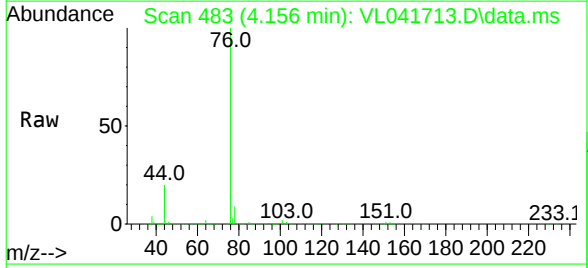
Tgt Ion: 57 Resp: 1065415
Ion Ratio Lower Upper
57 100
41 95.7 76.1 114.1
43 252.9 207.0 310.6
56 55.0 43.7 65.5





#27
Carbon Disulfide
Concen: 10.640 ppbv
RT: 4.156 min Scan# 48
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

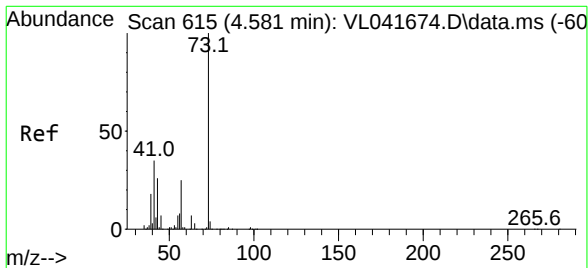
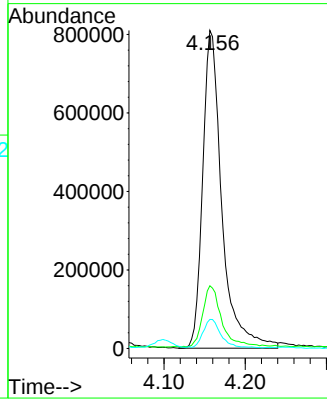
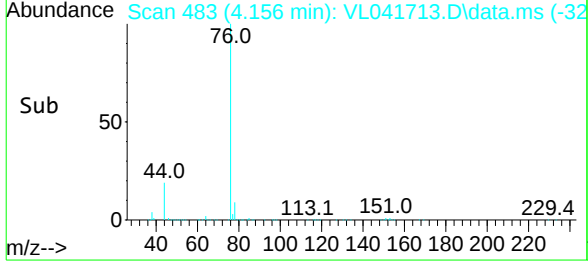
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01



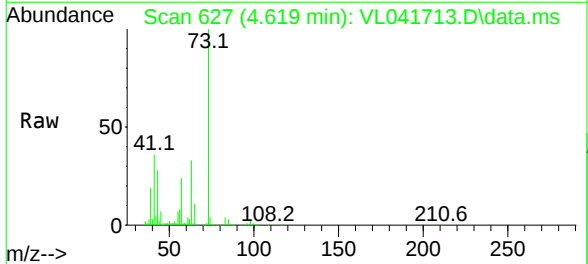
Tgt Ion: 76 Resp: 1327851
Ion Ratio Lower Upper
76 100
44 19.4 15.8 23.8
78 9.2 7.5 11.3

Manual Integrations
APPROVED

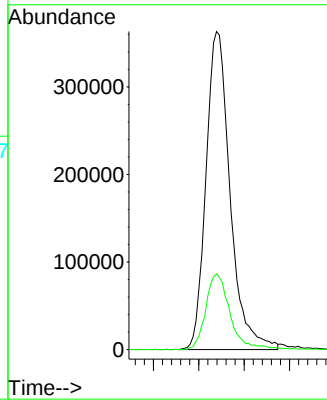
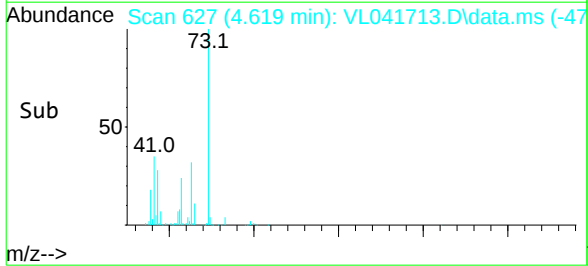
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

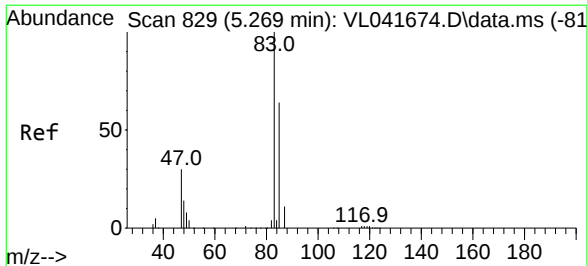


#28
Methyl tert-Butyl Ether
Concen: 9.371 ppbv
RT: 4.619 min Scan# 627
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16



Tgt Ion: 73 Resp: 670312
Ion Ratio Lower Upper
73 100
57 24.2 19.6 29.4





#29

Chloroform

Concen: 9.236 ppbv

RT: 5.308 min Scan# 841

Delta R.T. 0.000 min

Lab File: VL041713.D

Acq: 21 Nov 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

Tgt Ion: 83 Resp: 1693486

Ion Ratio Lower Upper

83 100

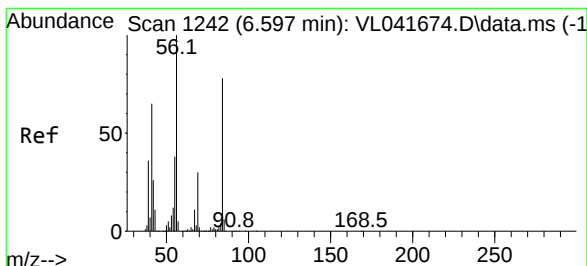
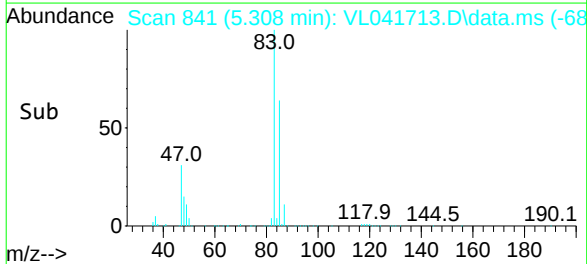
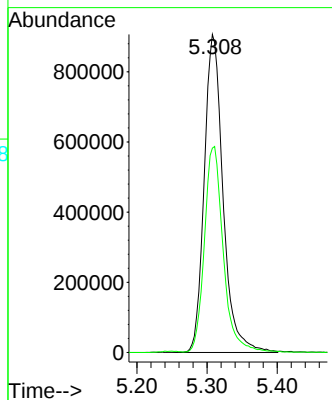
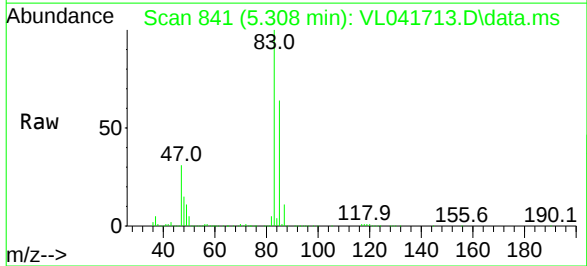
85 64.0 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#30

Cyclohexane

Concen: 9.550 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. 0.003 min

Lab File: VL041713.D

Acq: 21 Nov 2024 10:16

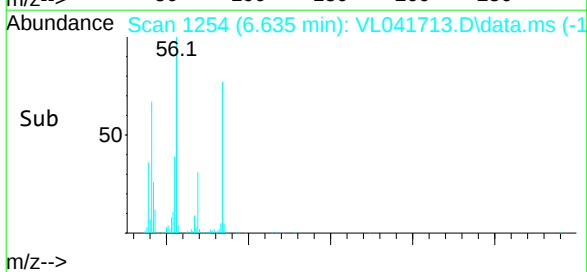
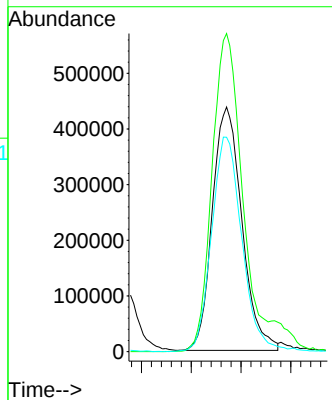
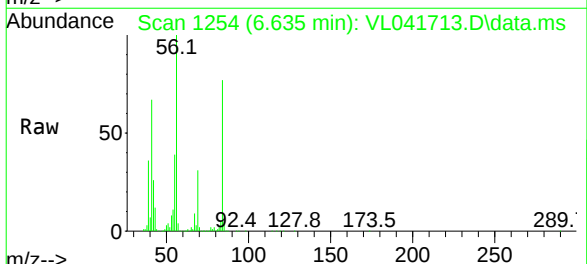
Tgt Ion: 84 Resp: 903309

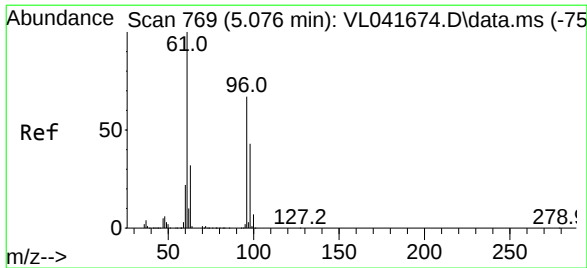
Ion Ratio Lower Upper

84 100

56 140.7 110.8 166.2

41 90.5 70.0 105.0





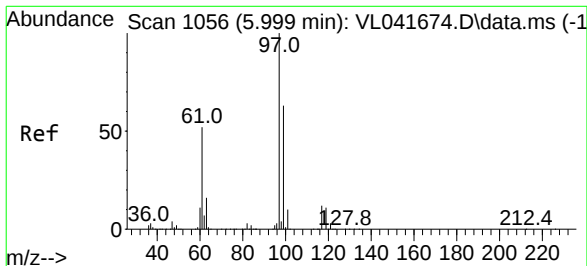
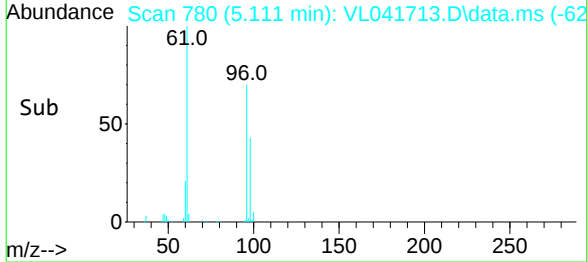
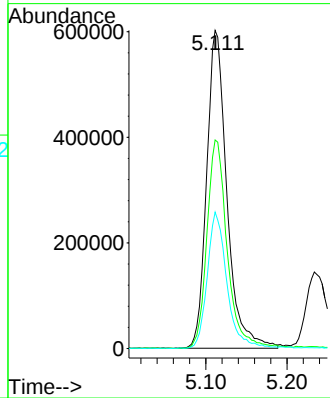
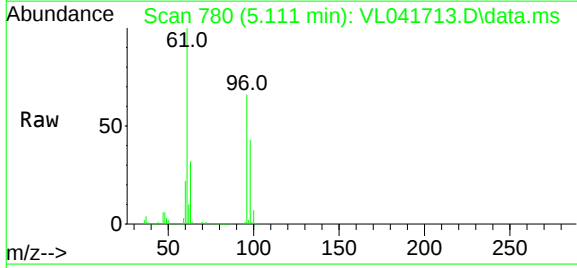
#31
 cis-1,2-Dichloroethene
 Concen: 9.755 ppbv
 RT: 5.111 min Scan# 78
 Delta R.T. 0.003 min
 Lab File: VL041713.D
 Acq: 21 Nov 2024 10:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1121ABS01

Tgt Ion: 61 Resp: 1042430
 Ion Ratio Lower Upper
 61 100
 96 65.6 53.4 80.2
 98 42.8 34.0 51.0

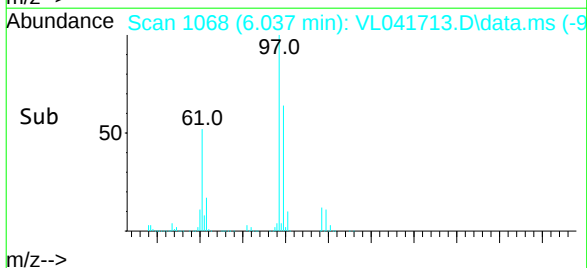
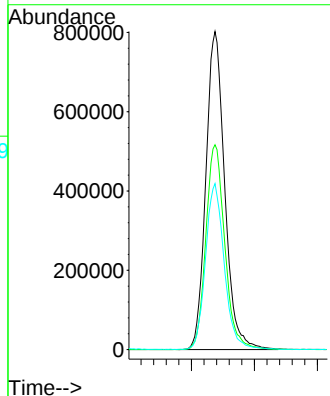
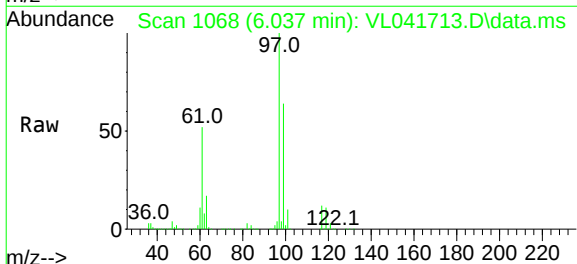
Manual Integrations
 APPROVED

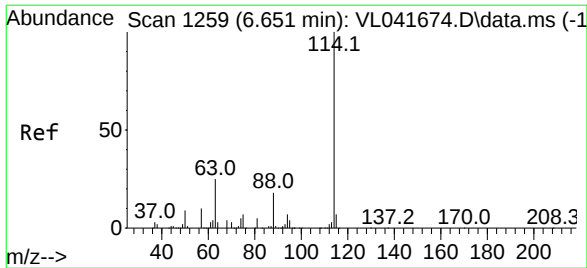
Reviewed By :Semsettin Yesilyurt 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#32
 1,1,1-Trichloroethane
 Concen: 9.978 ppbv
 RT: 6.037 min Scan# 1068
 Delta R.T. 0.003 min
 Lab File: VL041713.D
 Acq: 21 Nov 2024 10:16

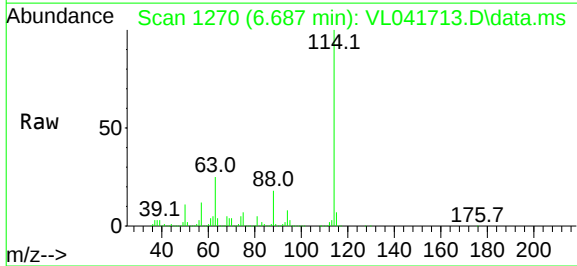
Tgt Ion: 97 Resp: 1669061
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.4 77.2
 61 52.1 41.7 62.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.687 min Scan# 12
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

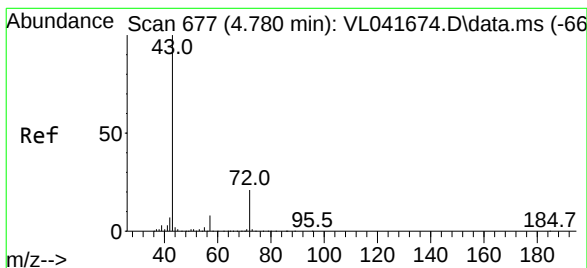
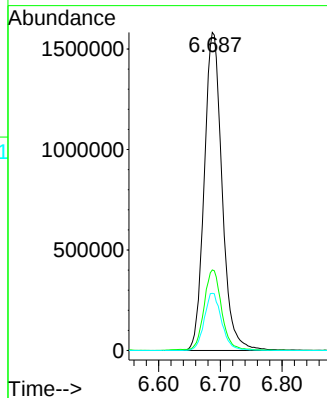
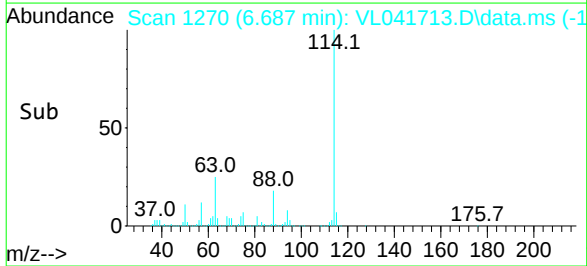
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01



Tgt Ion: 114 Resp: 3168983
Ion Ratio Lower Upper
114 100
63 25.4 20.3 30.5
88 17.6 14.2 21.4

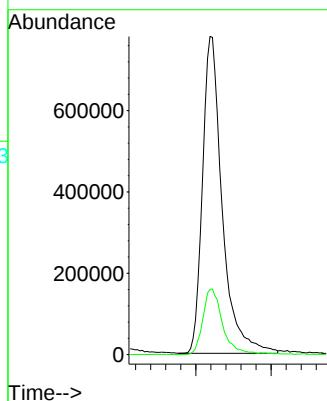
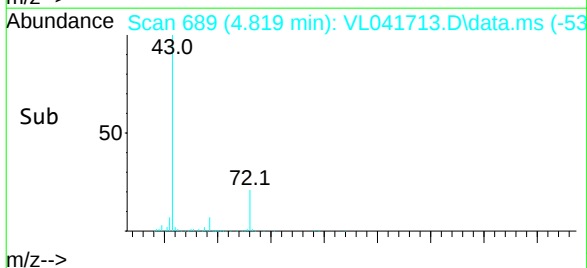
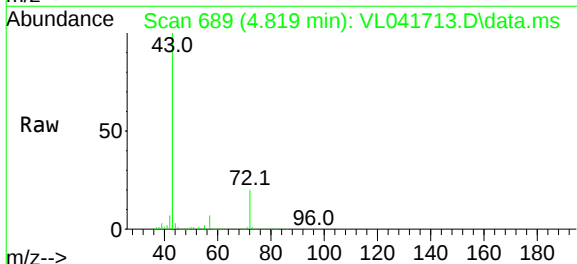
Manual Integrations
APPROVED

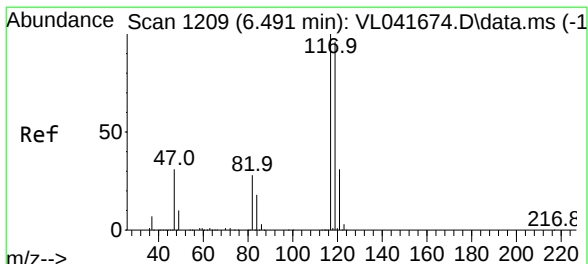
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#34
2-Butanone
Concen: 8.985 ppbv
RT: 4.819 min Scan# 689
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion: 43 Resp: 1417727
Ion Ratio Lower Upper
43 100
72 21.1 17.4 26.0





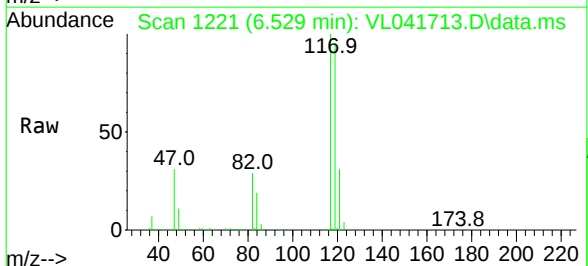
#35
Carbon Tetrachloride
Concen: 10.418 ppbv
RT: 6.529 min Scan# 1211
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

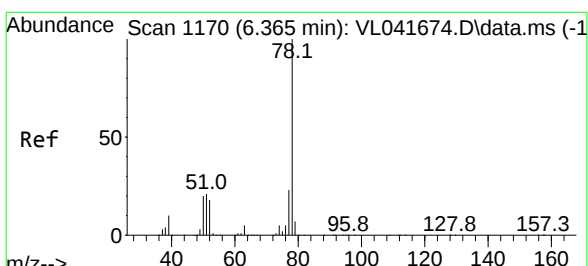
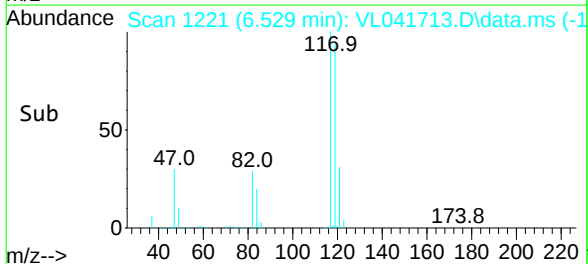
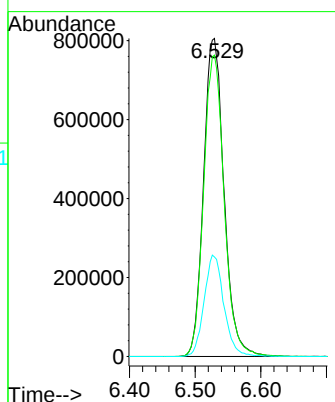


Tgt Ion: 117 Resp: 1741838

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.2	115.8
121	31.3	25.0	37.4

Manual Integrations
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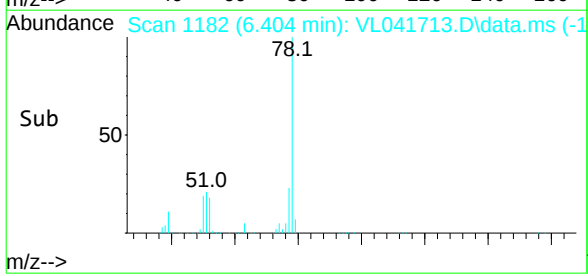
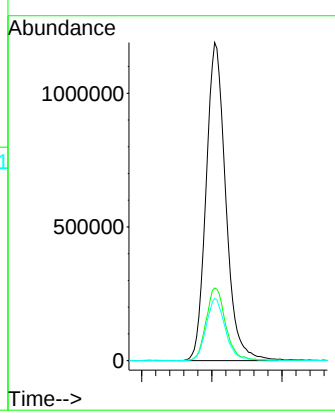
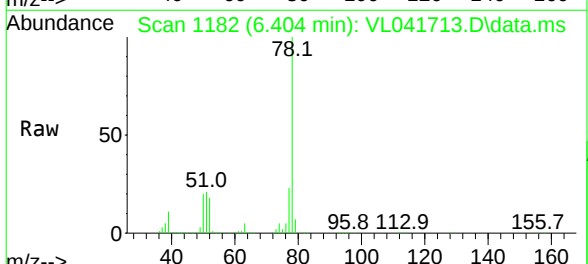
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

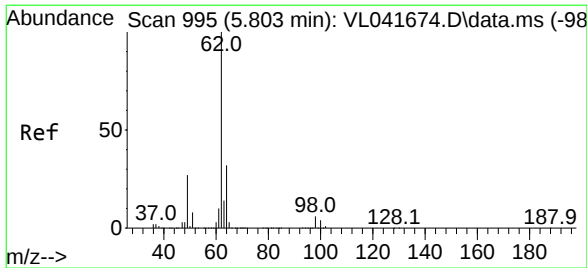


#36
Benzene
Concen: 9.847 ppbv
RT: 6.404 min Scan# 1182
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion: 78 Resp: 2312069

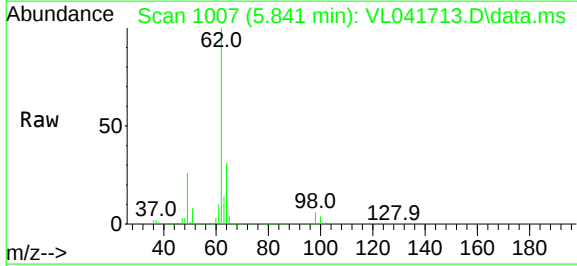
Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.5	27.7
50	19.5	15.6	23.4





#37
1,2-Dichloroethane
Concen: 9.693 ppbv
RT: 5.841 min Scan# 10
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

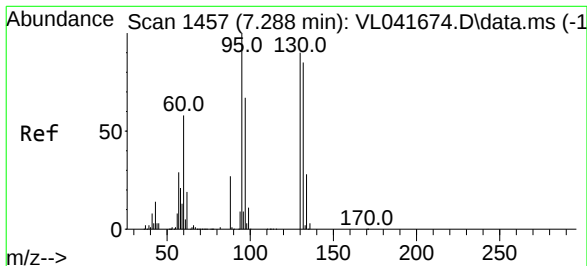
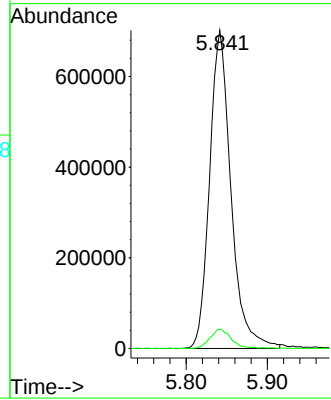
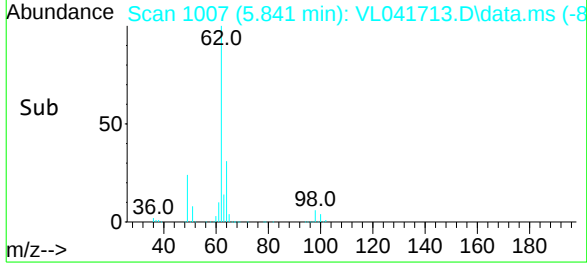
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01



Tgt Ion: 62 Resp: 1284047
Ion Ratio Lower Upper
62 100
98 6.3 5.2 7.8

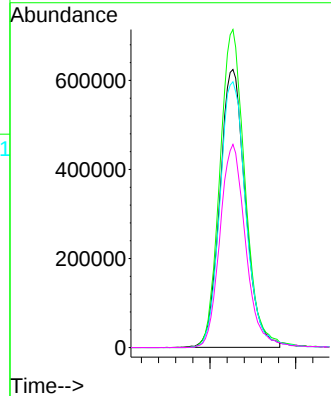
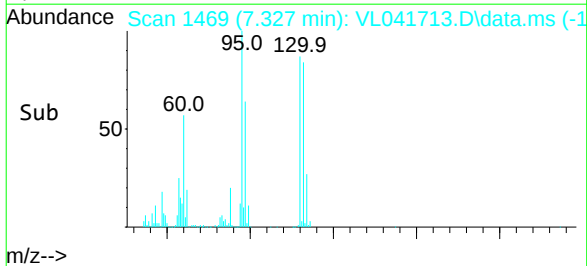
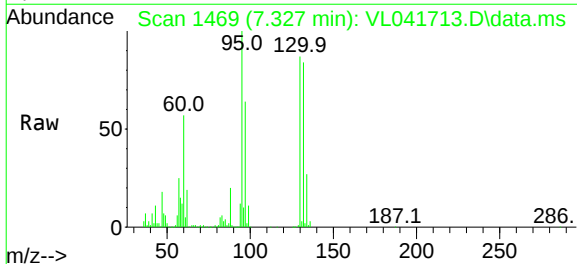
Manual Integrations
APPROVED

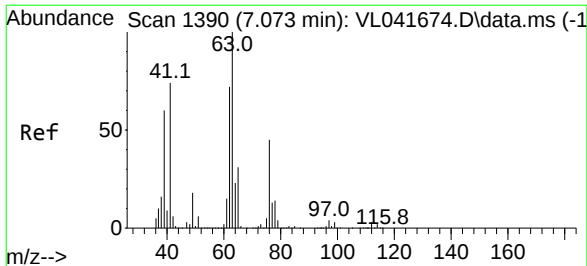
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#38
Trichloroethene
Concen: 14.303 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion:130 Resp: 1289883
Ion Ratio Lower Upper
130 100
95 114.5 89.1 133.7
132 95.7 75.7 113.5
97 73.1 60.0 90.0





#39

1,2-Dichloropropane

Concen: 9.610 ppbv

RT: 7.105 min Scan# 14

Delta R.T. -0.003 min

Lab File: VL041713.D

Acq: 21 Nov 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

Tgt Ion: 63 Resp: 891656

Ion Ratio Lower Upper

63 100

41 72.0 59.1 88.7

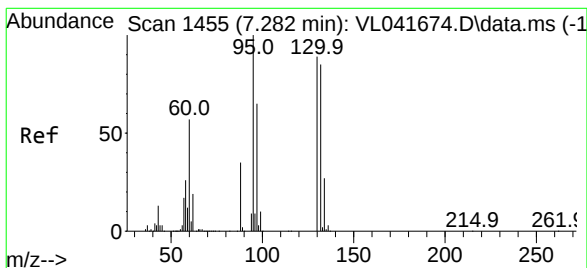
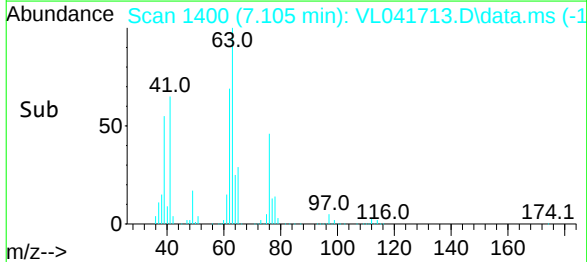
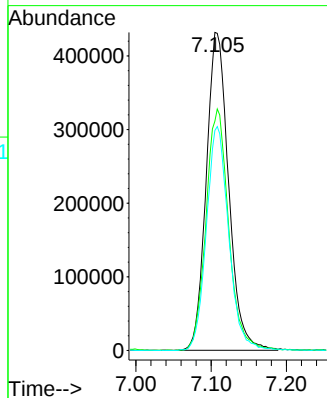
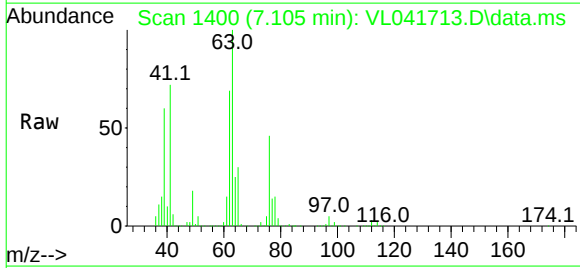
62 69.2 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#40

1,4-Dioxane

Concen: 10.912 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VL041713.D

Acq: 21 Nov 2024 10:16

Tgt Ion: 88 Resp: 363295

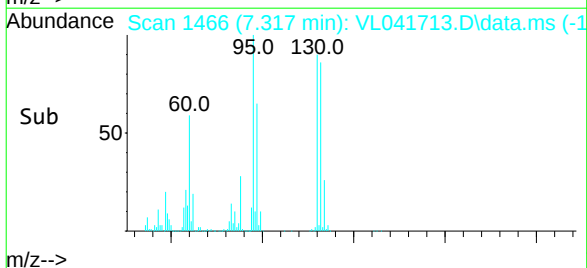
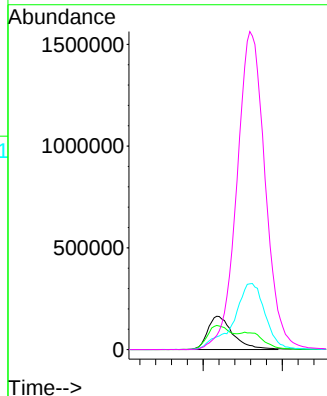
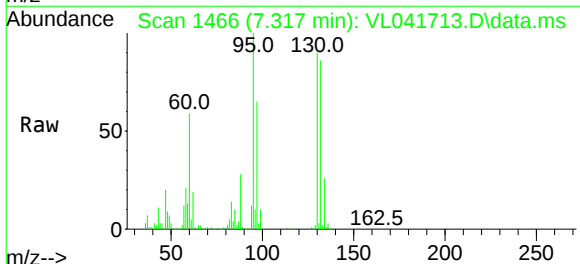
Ion Ratio Lower Upper

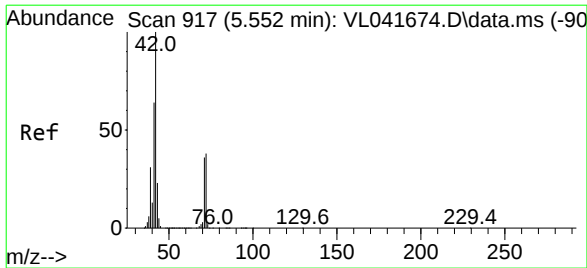
88 100

58 120.6 101.4 152.2

43 249.9 208.0 312.0

57 1072.4 902.9 1354.3





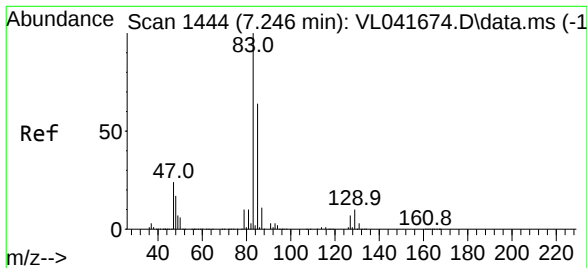
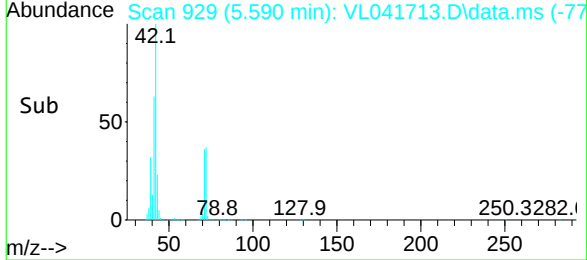
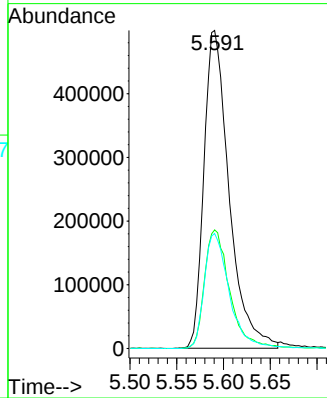
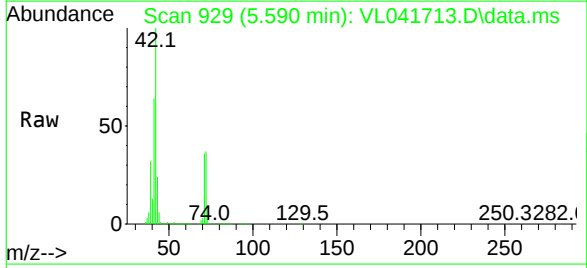
#41
Tetrahydrofuran
Concen: 10.375 ppbv
RT: 5.590 min Scan# 92
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion: 42 Resp: 934965
Ion Ratio Lower Upper
42 100
72 37.8 29.8 44.6
71 36.3 29.4 44.2

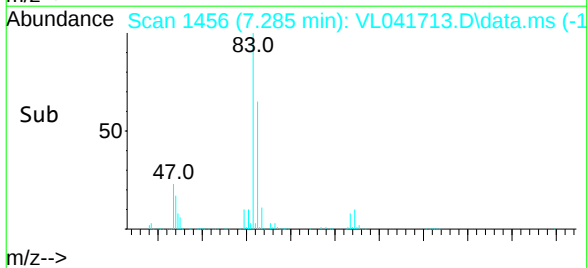
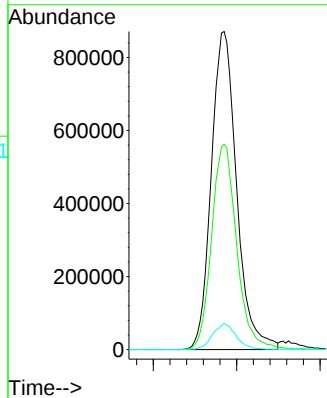
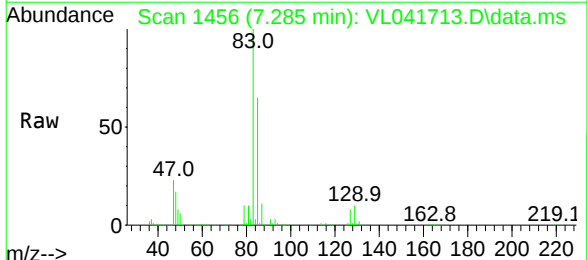
Manual Integrations
APPROVED

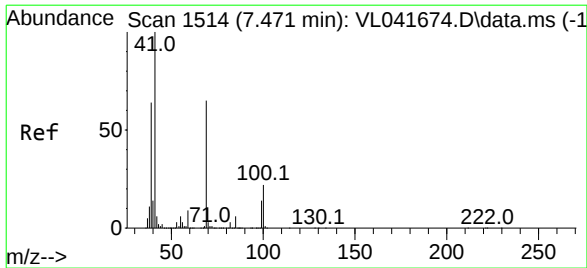
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#42
Bromodichloromethane
Concen: 9.994 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion: 83 Resp: 1839599
Ion Ratio Lower Upper
83 100
85 64.5 51.2 76.8
127 8.2 6.0 9.0





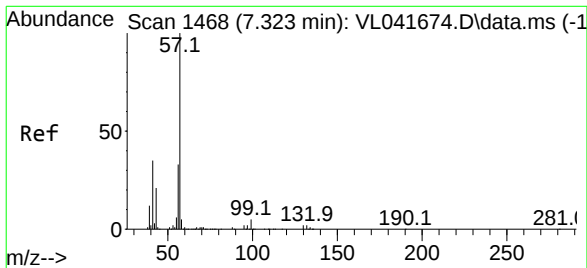
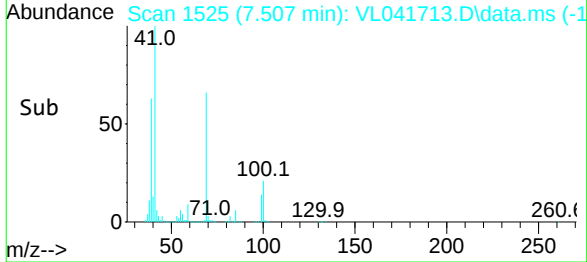
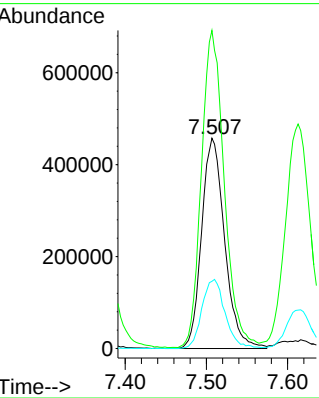
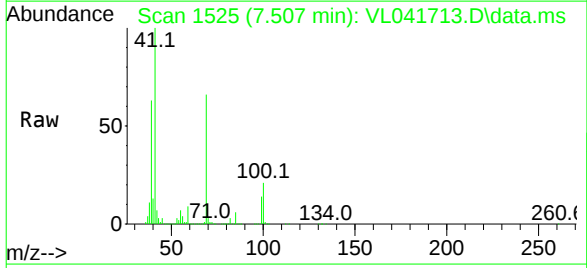
#43
Methyl Methacrylate
Concen: 10.937 ppbv
RT: 7.507 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion:	69	Resp:	901641
Ion	Ratio	Lower	Upper
69	100		
41	150.0	119.8	179.6
100	33.1	27.3	40.9

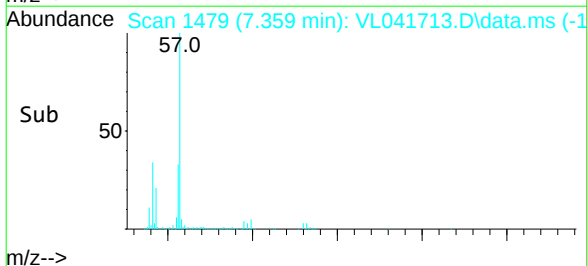
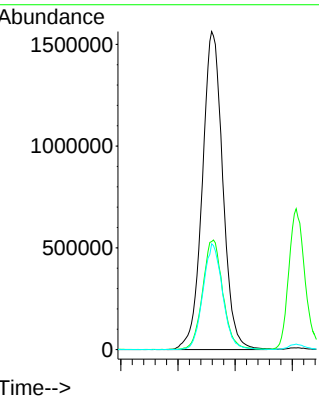
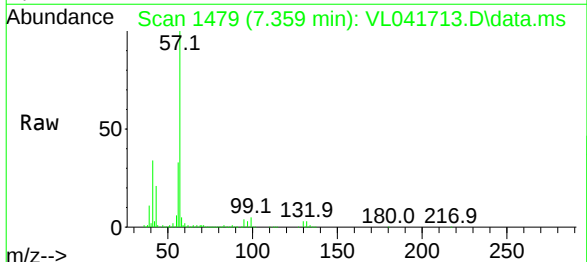
Manual Integrations
APPROVED

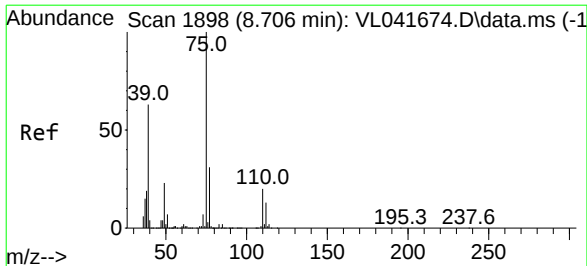
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#44
2,2,4-Trimethylpentane
Concen: 9.791 ppbv
RT: 7.359 min Scan# 1479
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion:	57	Resp:	3894162
Ion	Ratio	Lower	Upper
57	100		
41	33.9	27.0	40.6
56	31.9	25.8	38.6





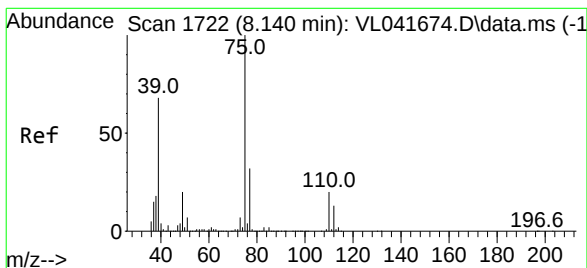
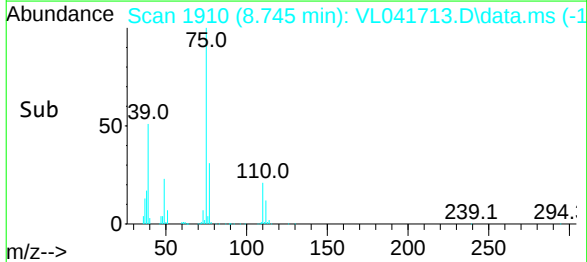
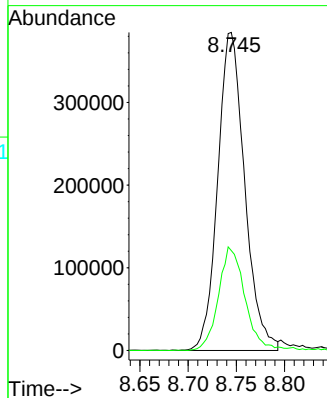
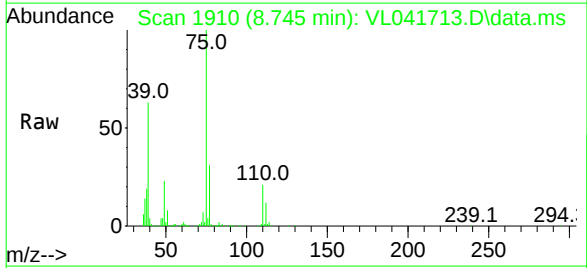
#45
t-1,3-Dichloropropene
Concen: 9.931 ppbv
RT: 8.745 min Scan# 1910
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion: 75 Resp: 748133
Ion Ratio Lower Upper
75 100
77 31.4 24.7 37.1

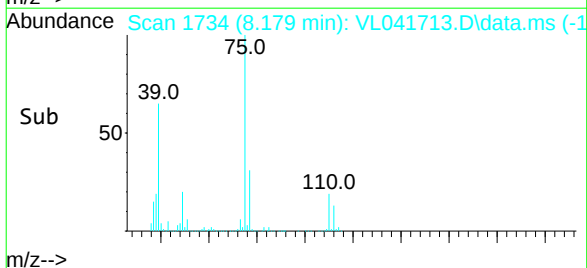
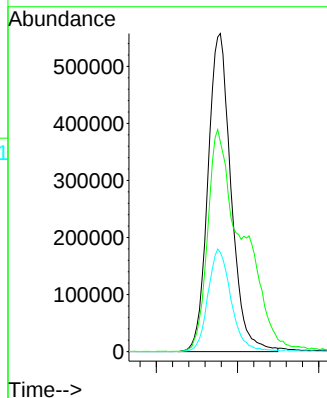
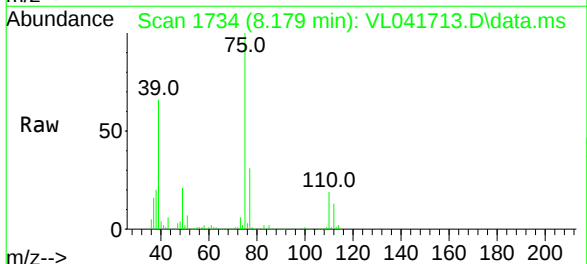
Manual Integrations
APPROVED

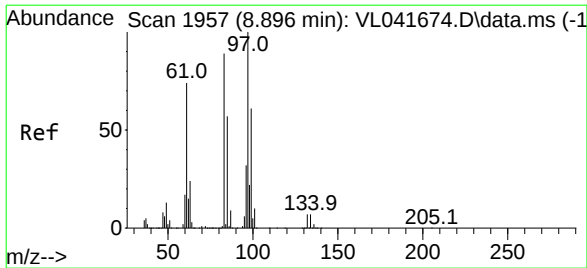
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#46
cis-1,3-Dichloropropene
Concen: 10.203 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion: 75 Resp: 1103972
Ion Ratio Lower Upper
75 100
39 65.9 54.1 81.1
77 31.1 25.3 37.9





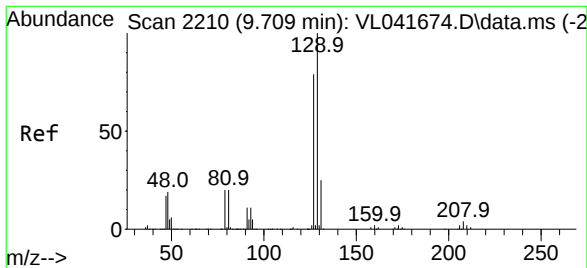
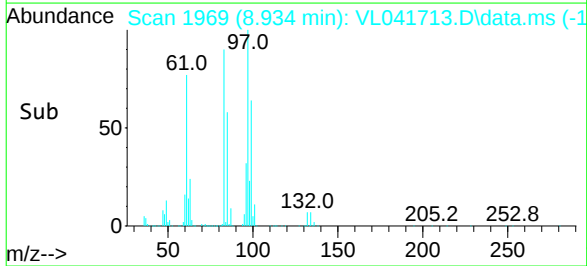
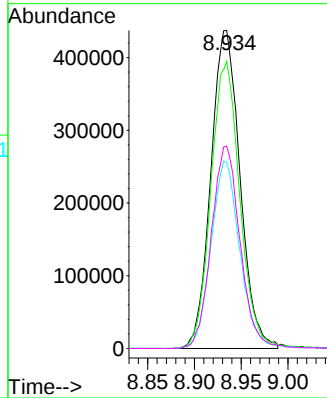
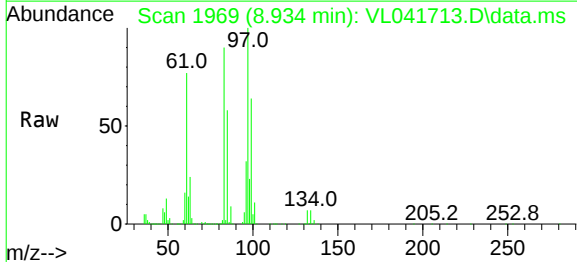
#47
1,1,2-Trichloroethane
Concen: 9.451 ppbv
RT: 8.934 min Scan# 1957
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion: 97 Resp: 949123
Ion Ratio Lower Upper
97 100
83 90.1 71.0 106.6
85 58.3 45.4 68.2
99 63.5 49.0 73.6

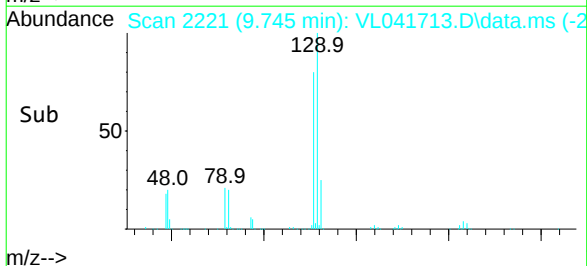
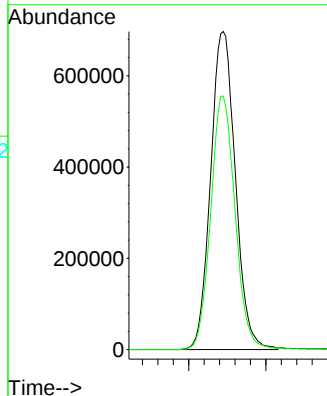
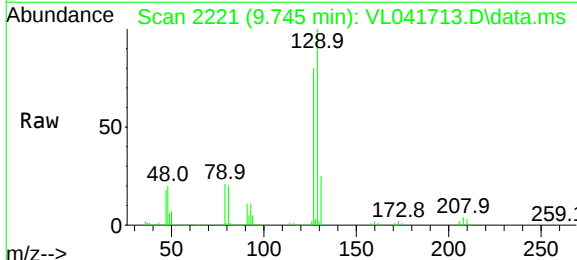
Manual Integrations
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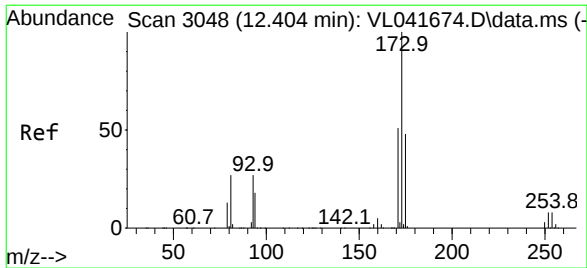
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#48
Dibromochloromethane
Concen: 10.178 ppbv
RT: 9.745 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion:129 Resp: 1553797
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2





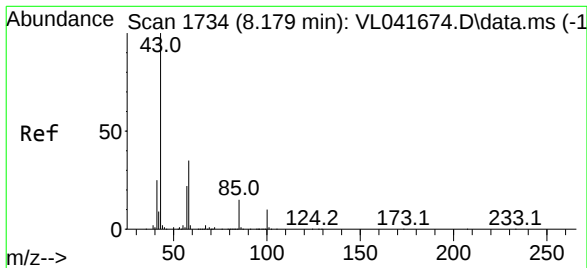
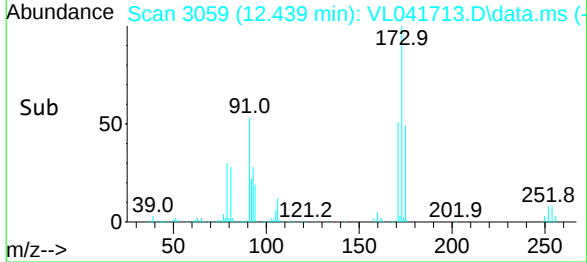
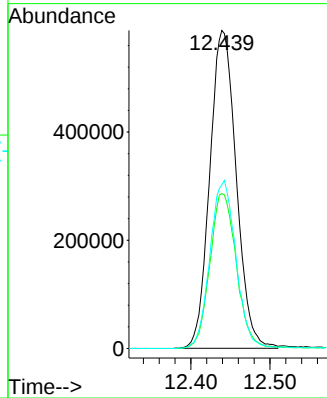
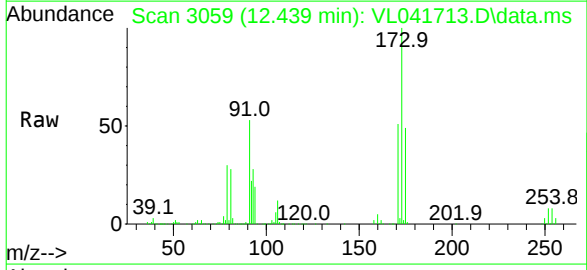
#49
Bromoform
Concen: 10.451 ppbv
RT: 12.439 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion: 173 Resp: 1365111
Ion Ratio Lower Upper
173 100
175 49.0 39.2 58.8
171 52.2 41.7 62.5

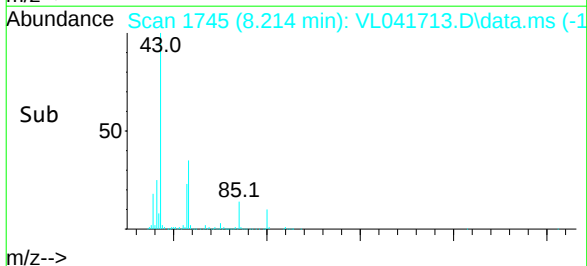
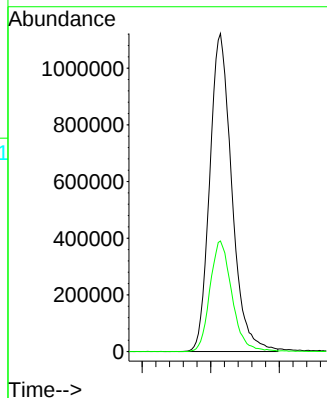
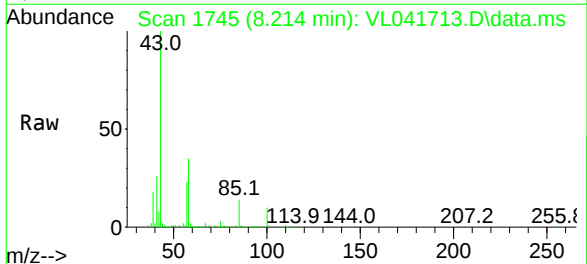
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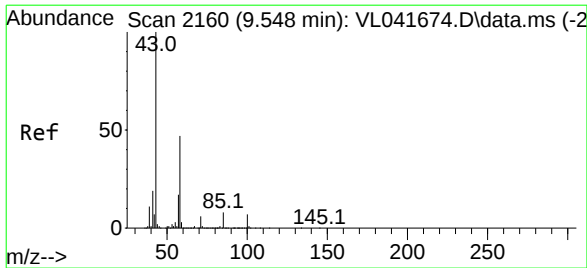
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#50
4-Methyl-2-Pentanone
Concen: 10.366 ppbv
RT: 8.214 min Scan# 1745
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion: 43 Resp: 2511109
Ion Ratio Lower Upper
43 100
58 34.9 27.7 41.5





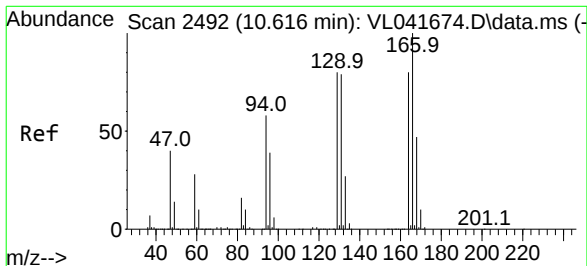
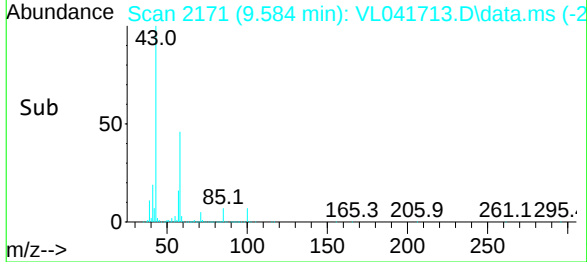
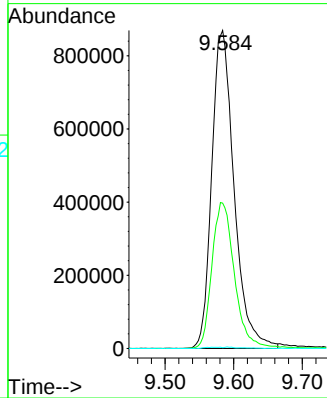
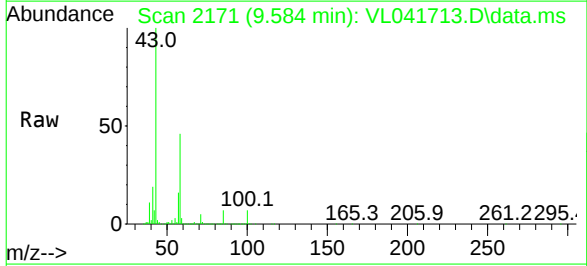
#51
2-Hexanone
Concen: 11.157 ppbv
RT: 9.584 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion: 43 Resp: 1968115
Ion Ratio Lower Upper
43 100
58 46.6 37.0 55.6
98 0.7 0.6 0.8

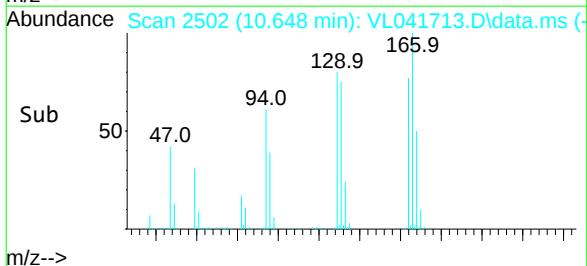
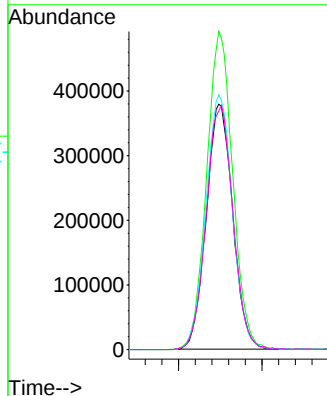
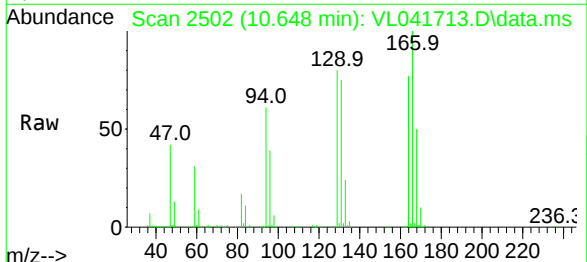
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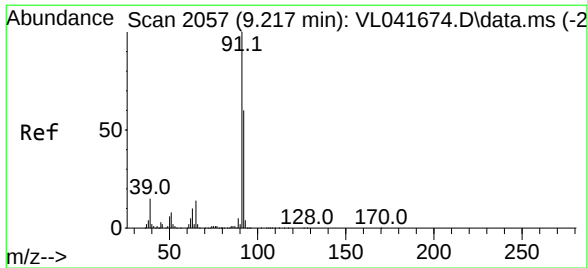
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#52
Tetrachloroethene
Concen: 10.419 ppbv
RT: 10.648 min Scan# 2502
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion:164 Resp: 833665
Ion Ratio Lower Upper
164 100
166 129.4 100.2 150.4
129 103.6 79.7 119.5
131 97.1 79.0 118.4





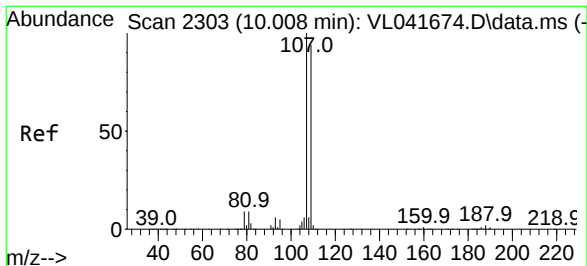
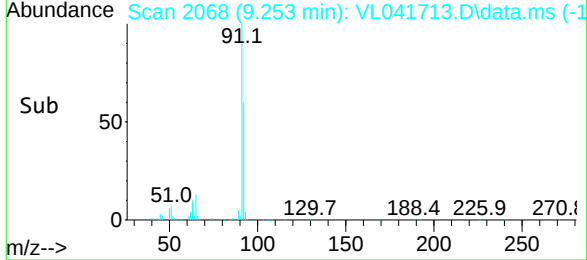
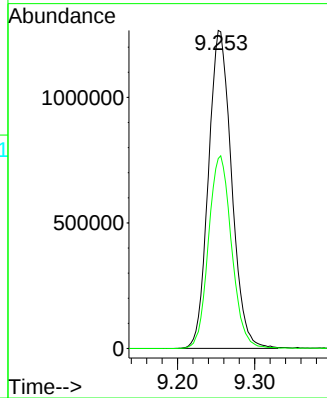
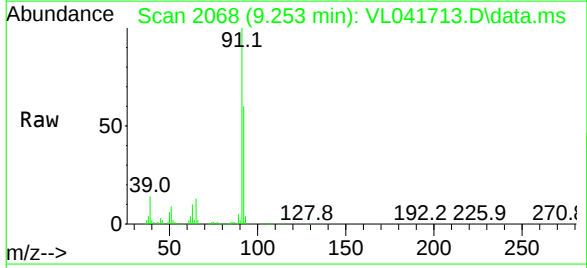
#53
Toluene
Concen: 10.664 ppbv
RT: 9.253 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion: 91 Resp: 2633054
Ion Ratio Lower Upper
91 100
92 60.6 49.0 73.4

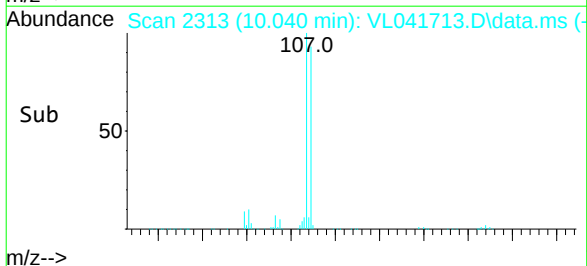
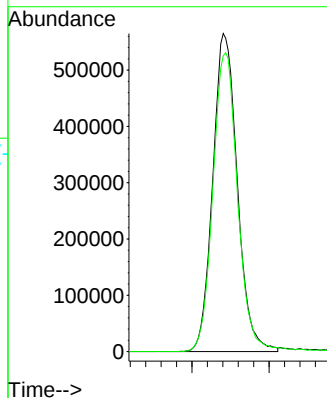
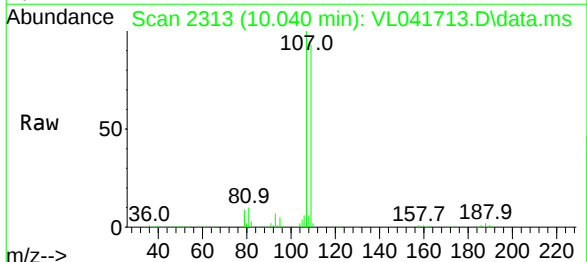
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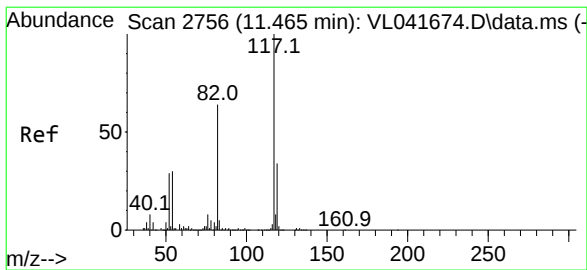
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#54
1,2-Dibromoethane
Concen: 10.629 ppbv
RT: 10.040 min Scan# 2313
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion:107 Resp: 1247128
Ion Ratio Lower Upper
107 100
109 93.0 74.9 112.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.500 min Scan# 27

Delta R.T. 0.003 min

Lab File: VL041713.D

Acq: 21 Nov 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

Tgt Ion:117 Resp: 2890162

Ion Ratio Lower Upper

117 100

82 64.5 49.8 74.8

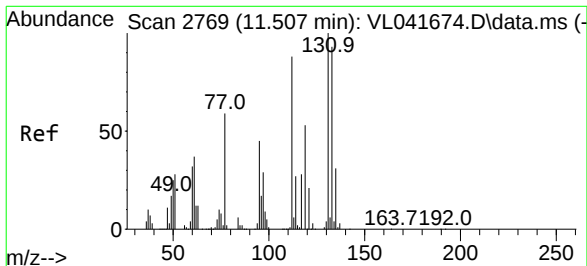
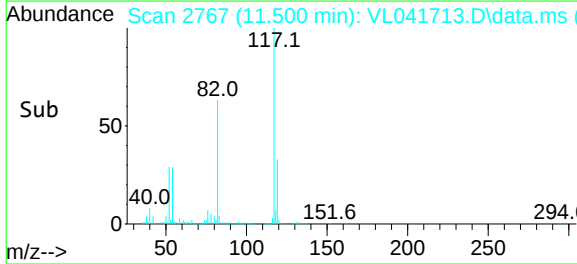
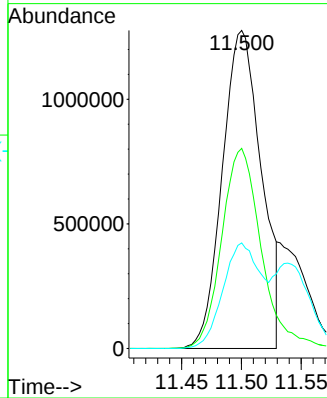
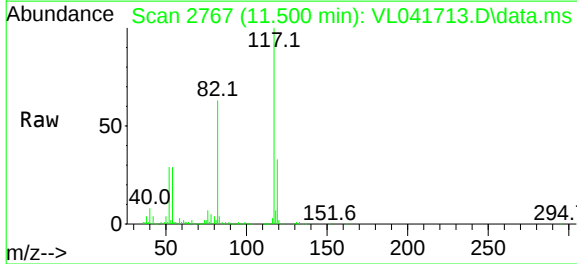
119 32.7 24.2 36.4

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Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 9.718 ppbv

RT: 11.542 min Scan# 2780

Delta R.T. 0.003 min

Lab File: VL041713.D

Acq: 21 Nov 2024 10:16

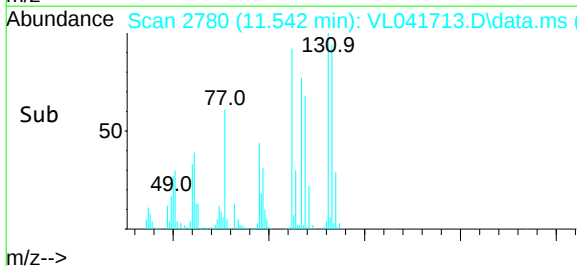
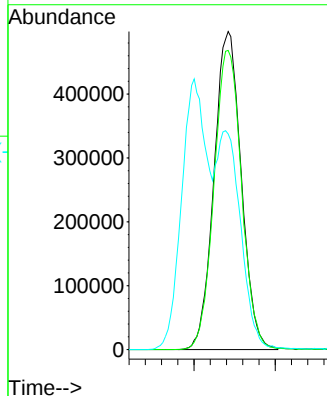
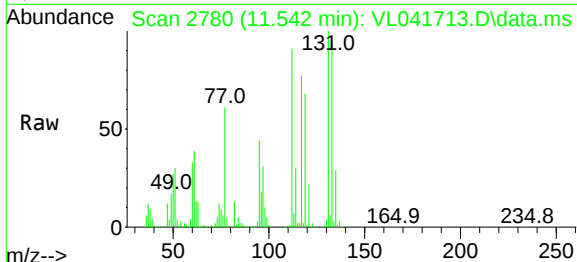
Tgt Ion:131 Resp: 1158400

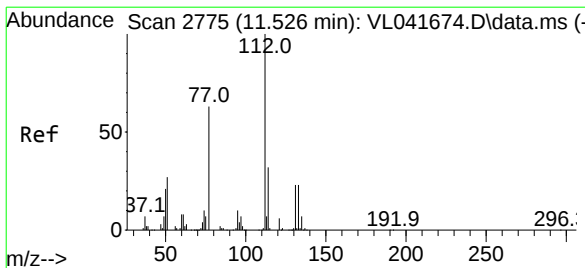
Ion Ratio Lower Upper

131 100

133 95.5 76.5 114.7

119 62.4 49.8 74.8





#57

Chlorobenzene

Concen: 9.722 ppbv

RT: 11.561 min Scan# 27

Delta R.T. 0.003 min

Lab File: VL041713.D

Acq: 21 Nov 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

Tgt Ion:112 Resp: 2078199

Ion Ratio Lower Upper

112 100

77 65.4 51.4 77.2

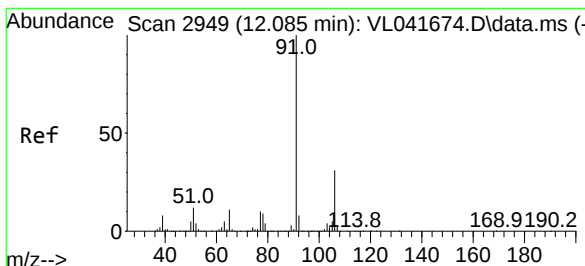
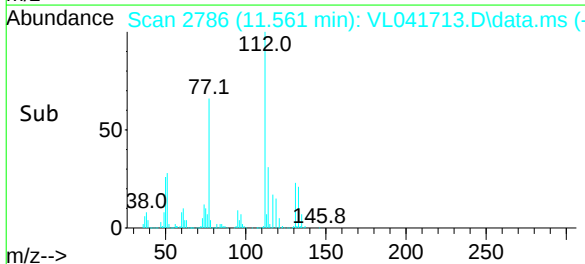
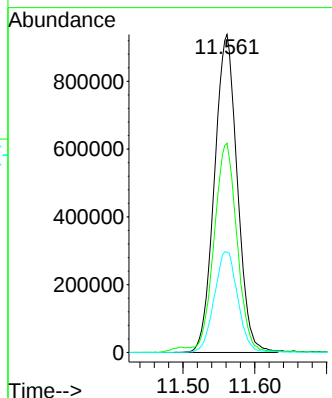
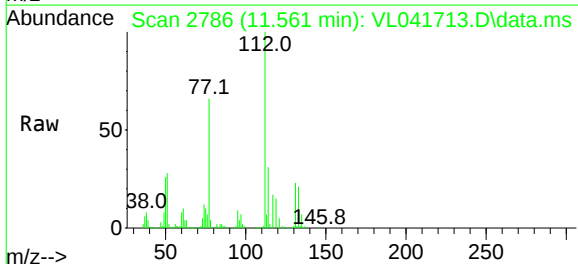
114 31.4 28.4 34.8

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Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#58

Ethyl Benzene

Concen: 11.254 ppbv

RT: 12.121 min Scan# 2960

Delta R.T. 0.000 min

Lab File: VL041713.D

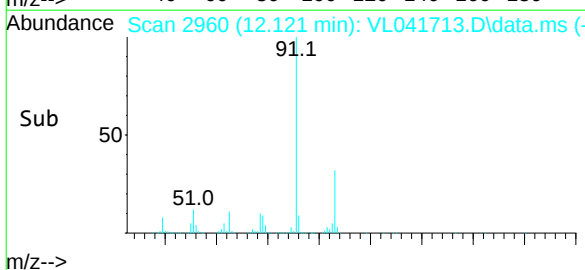
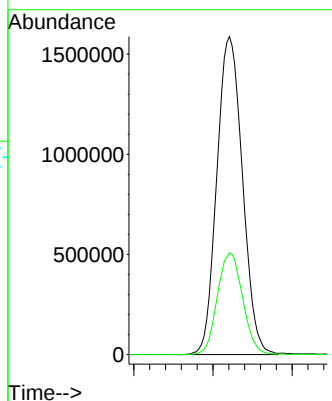
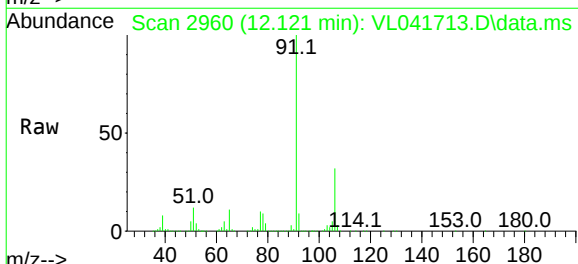
Acq: 21 Nov 2024 10:16

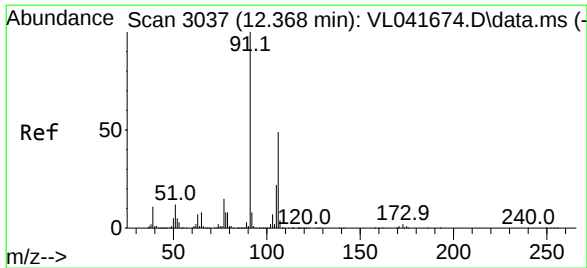
Tgt Ion: 91 Resp: 3565857

Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3





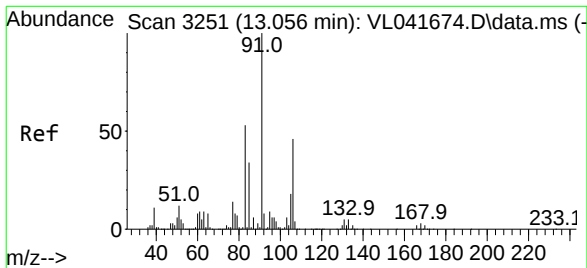
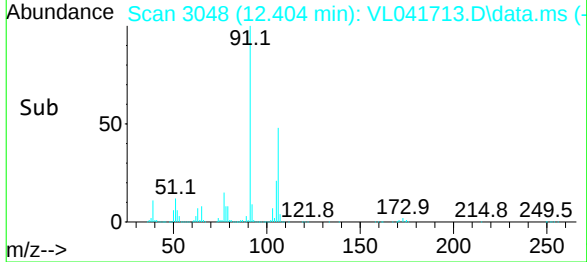
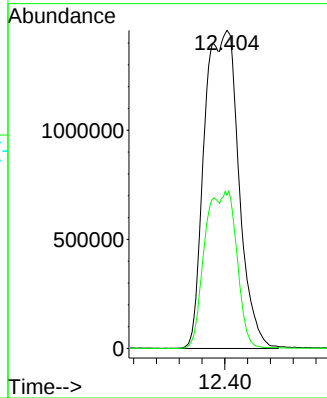
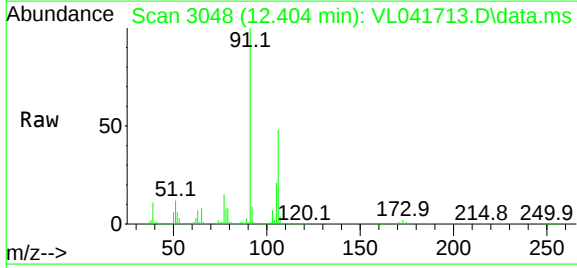
#59
m/p-Xylene
Concen: 21.427 ppbv m
RT: 12.404 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion: 91 Resp: 6079786
Ion Ratio Lower Upper
91 100
106 46.1 36.9 55.3

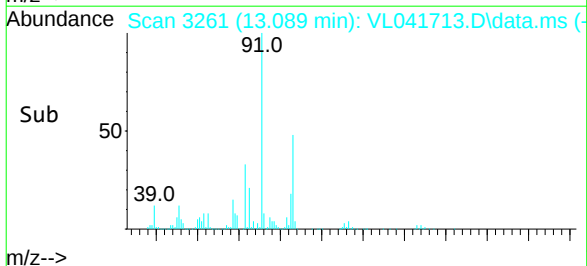
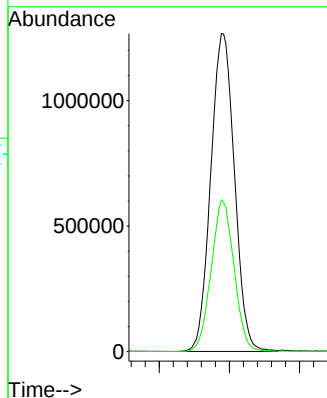
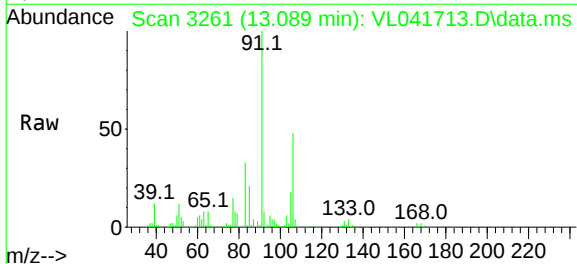
Manual Integrations
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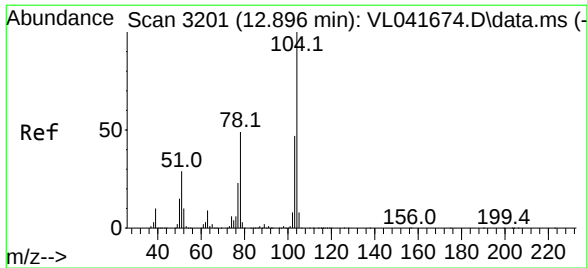
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#60
o-Xylene
Concen: 10.985 ppbv
RT: 13.089 min Scan# 3261
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion: 91 Resp: 2972199
Ion Ratio Lower Upper
91 100
106 45.9 23.2 69.6





#61

Styrene

Concen: 12.630 ppbv

RT: 12.931 min Scan# 3201

Delta R.T. 0.003 min

Lab File: VL041713.D

Acq: 21 Nov 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

Tgt Ion:104 Resp: 1410360

Ion Ratio Lower Upper

104 100

78 50.4 39.8 59.8

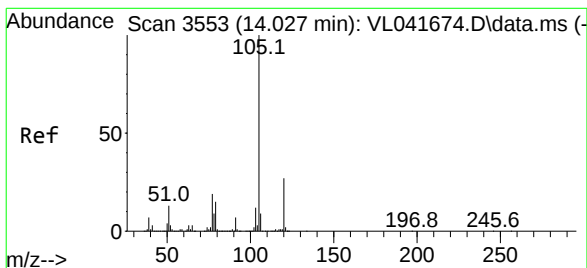
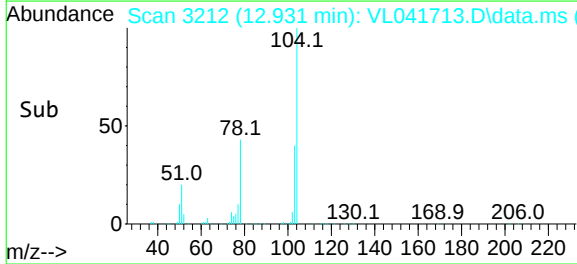
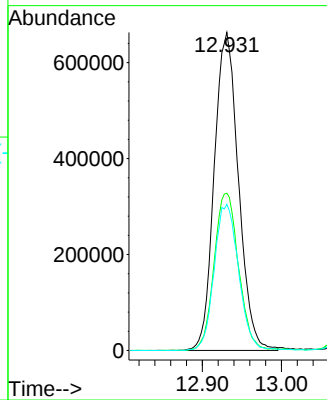
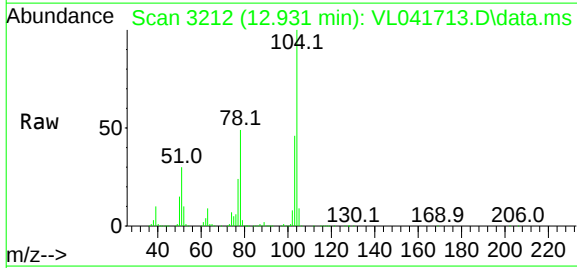
103 46.8 37.4 56.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#62

Isopropylbenzene

Concen: 10.202 ppbv

RT: 14.060 min Scan# 3563

Delta R.T. 0.000 min

Lab File: VL041713.D

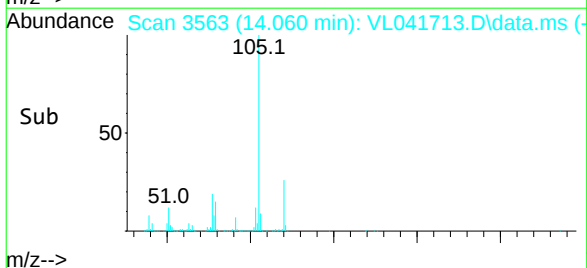
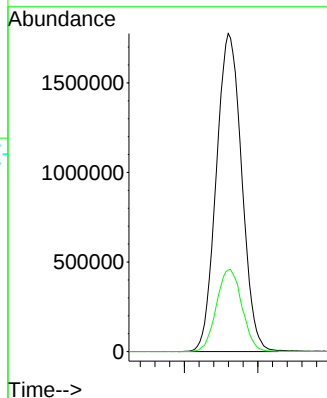
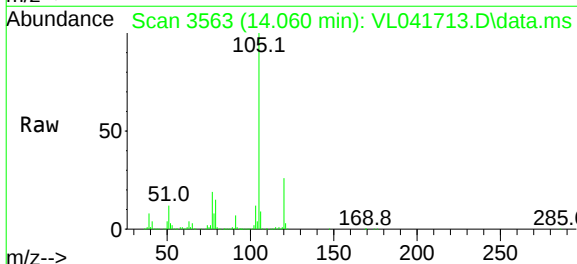
Acq: 21 Nov 2024 10:16

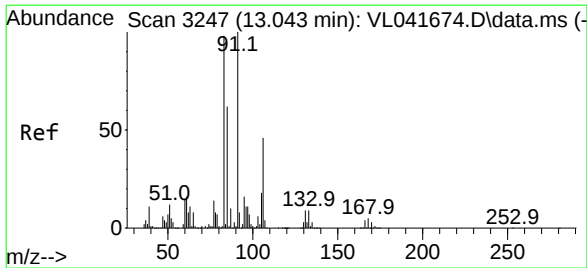
Tgt Ion:105 Resp: 4263154

Ion Ratio Lower Upper

105 100

120 26.0 21.1 31.7





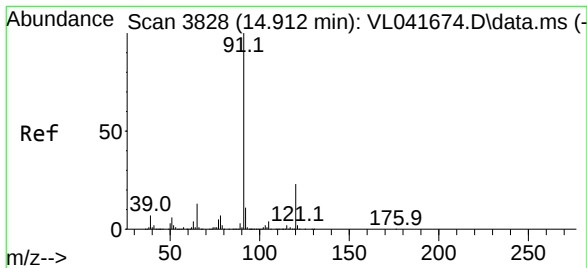
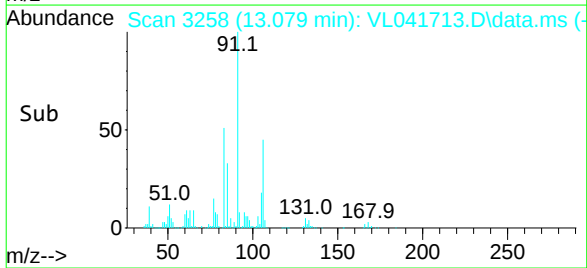
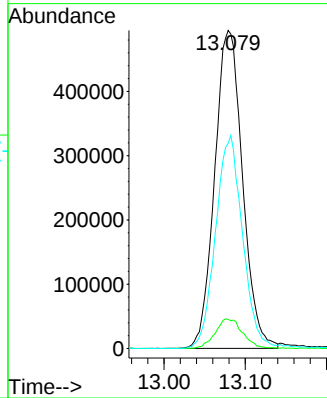
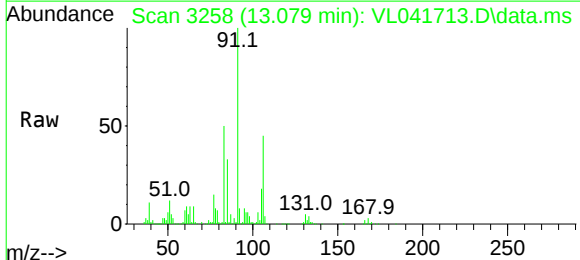
#63
1,1,2,2-Tetrachloroethane
Concen: 5.927 ppbv
RT: 13.079 min Scan# 3247
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion: 83 Resp: 1179536
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.3
85 65.8 32.6 98.0

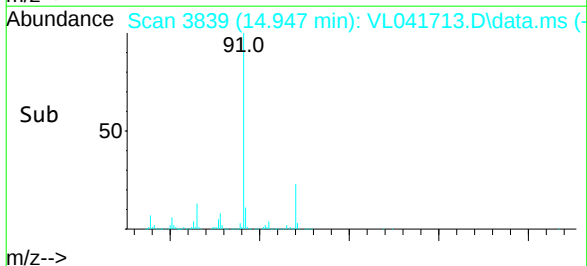
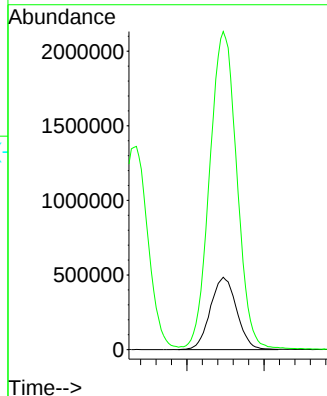
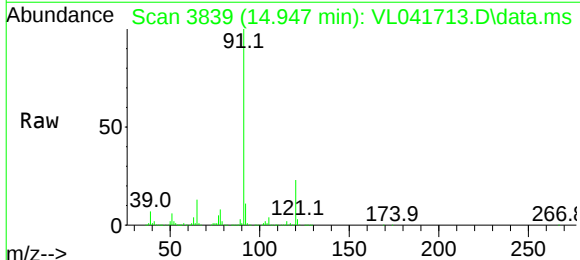
Manual Integrations
APPROVED

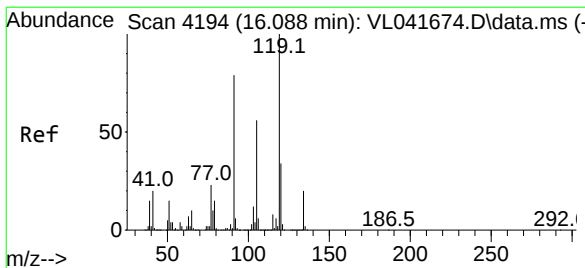
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#64
n-propylbenzene
Concen: 10.482 ppbv
RT: 14.947 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

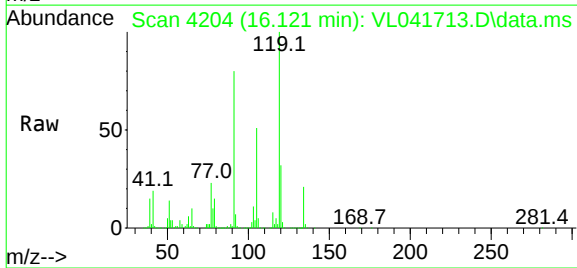
Tgt Ion:120 Resp: 1146628
Ion Ratio Lower Upper
120 100
91 456.5 362.4 543.6





#65
tert-Butylbenzene
Concen: 10.215 ppbv
RT: 16.121 min Scan# 4278
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

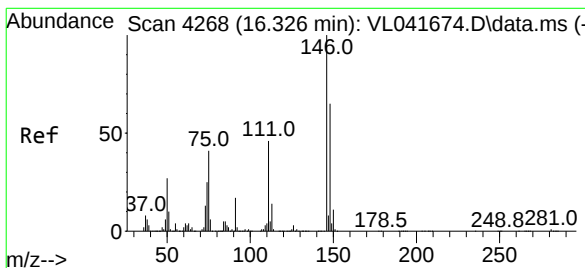
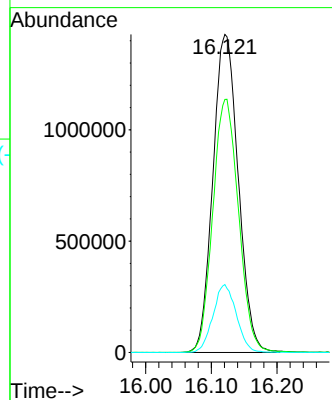
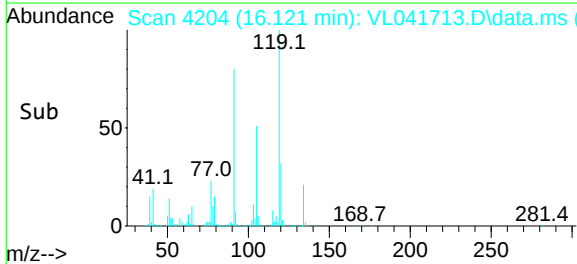
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01



Tgt Ion: 119 Resp: 3836581
Ion Ratio Lower Upper
119 100
91 80.8 64.3 96.5
134 19.7 15.8 23.8

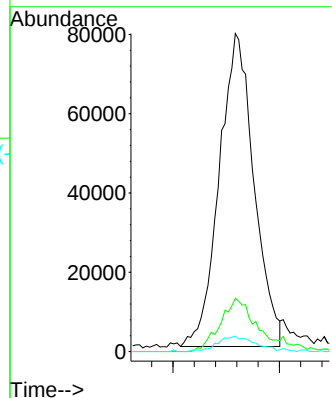
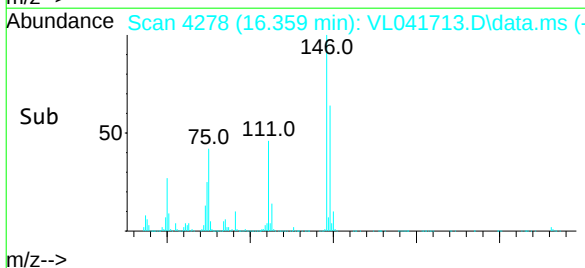
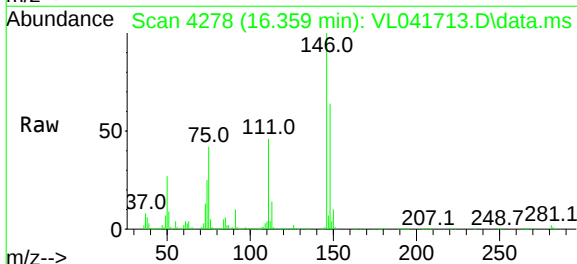
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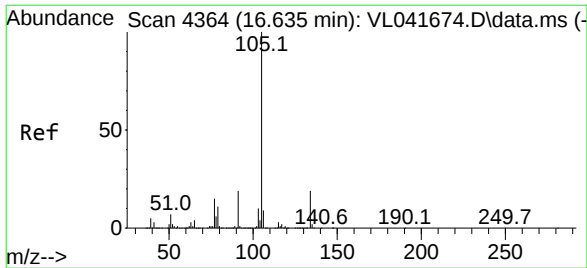
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#66
Benzyl Chloride
Concen: 6.202 ppbv
RT: 16.359 min Scan# 4278
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

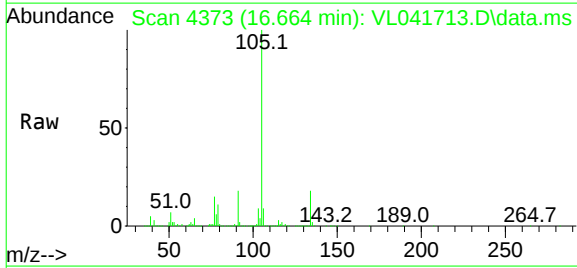
Tgt Ion: 91 Resp: 179175
Ion Ratio Lower Upper
91 100
126 19.3 13.8 20.6
128 5.7 4.3 6.5





#67
sec-Butylbenzene
Concen: 10.134 ppbv
RT: 16.664 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

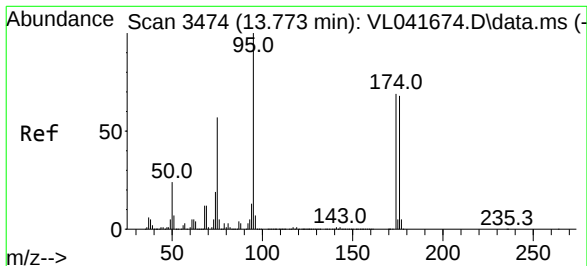
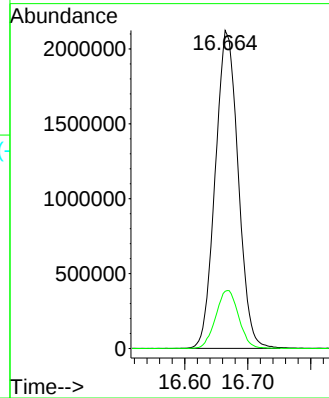
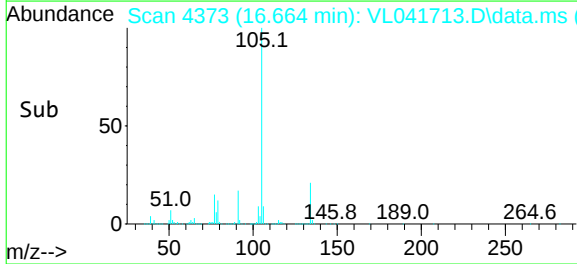
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01



Tgt Ion: 105 Resp: 5364091
Ion Ratio Lower Upper
105 100
134 18.4 14.6 22.0

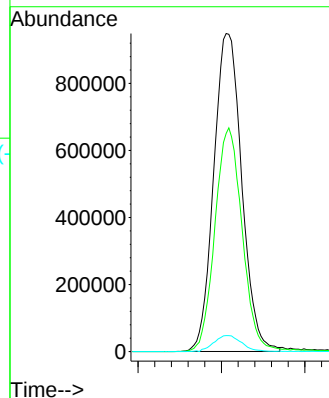
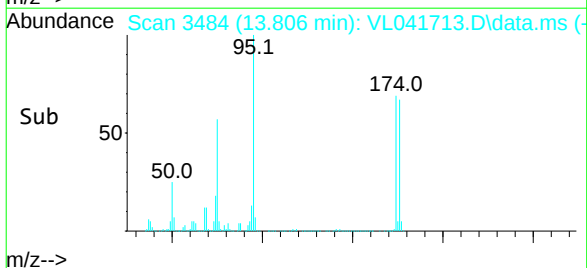
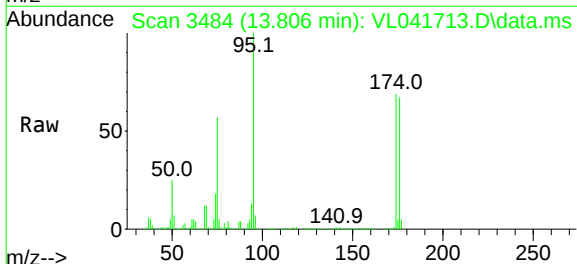
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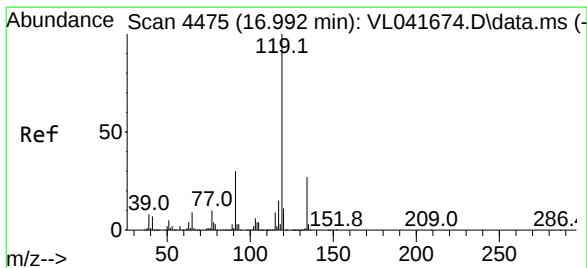
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.402 ppbv
RT: 13.806 min Scan# 3484
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion: 95 Resp: 2215094
Ion Ratio Lower Upper
95 100
174 69.2 55.6 83.4
175 5.1 4.2 6.2





#69

p-Isopropyltoluene

Concen: 10.419 ppbv

RT: 17.027 min Scan# 44

Delta R.T. 0.000 min

Lab File: VL041713.D

Acq: 21 Nov 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

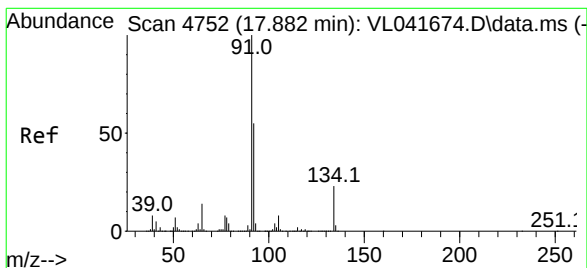
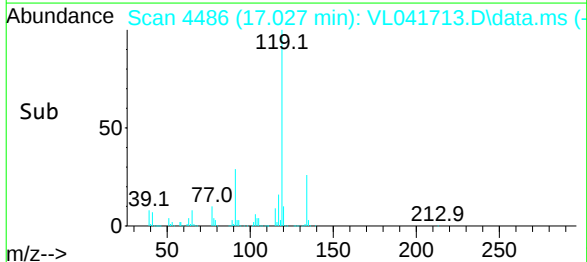
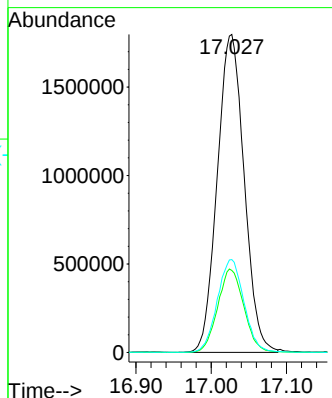
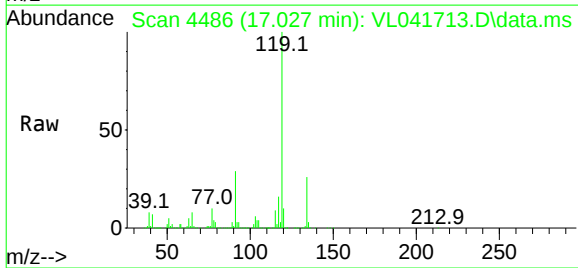
Tgt Ion: 119 Resp: 4458745

Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.8	31.2
91	28.9	23.2	34.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#70

n-Butylbenzene

Concen: 10.517 ppbv

RT: 17.918 min Scan# 4763

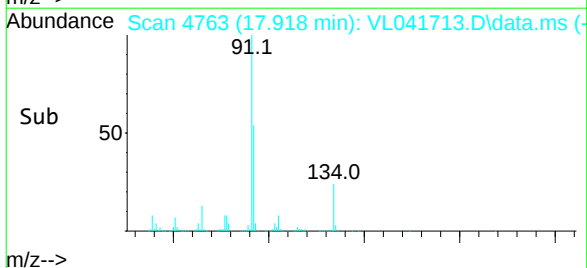
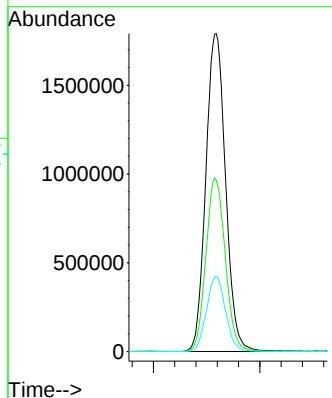
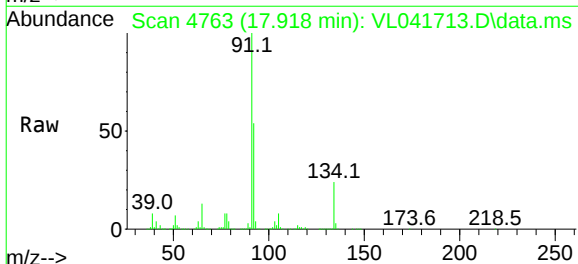
Delta R.T. 0.000 min

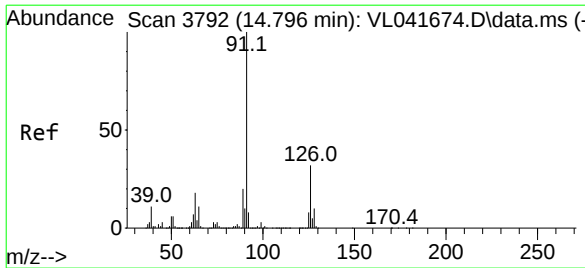
Lab File: VL041713.D

Acq: 21 Nov 2024 10:16

Tgt Ion: 91 Resp: 4604740

Ion	Ratio	Lower	Upper
91	100		
92	53.8	43.3	64.9
134	23.0	18.4	27.6





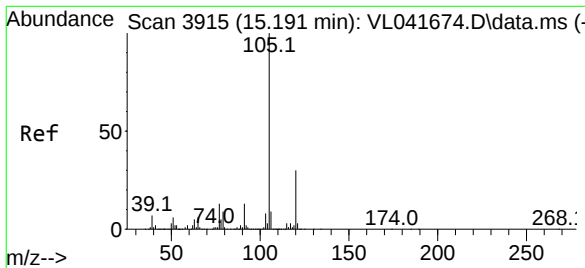
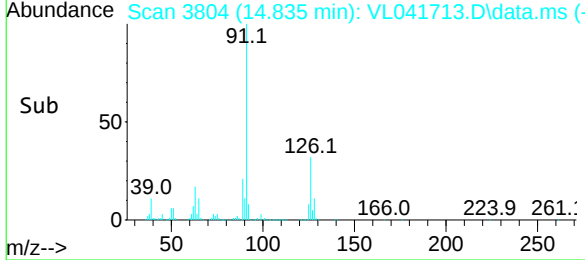
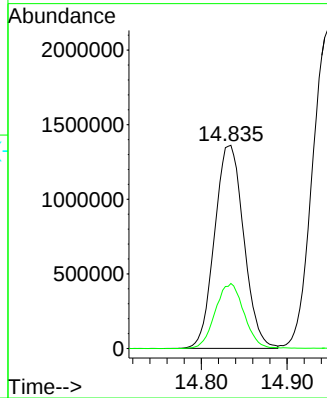
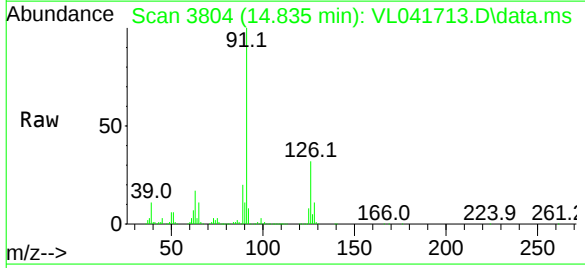
#71
2-Chlorotoluene
Concen: 10.671 ppbv
RT: 14.835 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

Tgt Ion: 91 Resp: 3223209
Ion Ratio Lower Upper
91 100
126 31.5 12.8 51.0

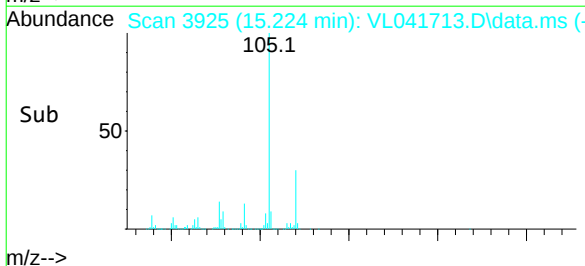
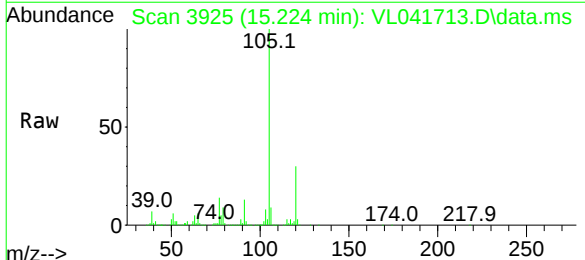
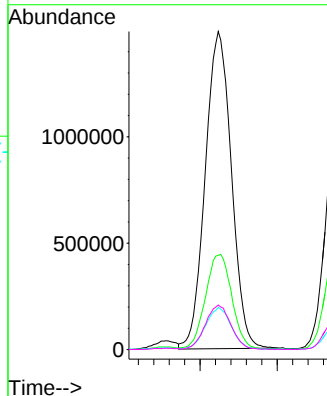
Manual Integrations
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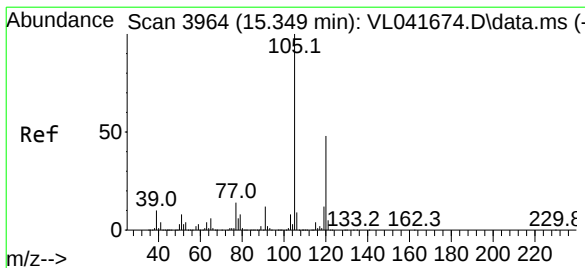
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#72
4-Ethyltoluene
Concen: 11.173 ppbv
RT: 15.224 min Scan# 3925
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

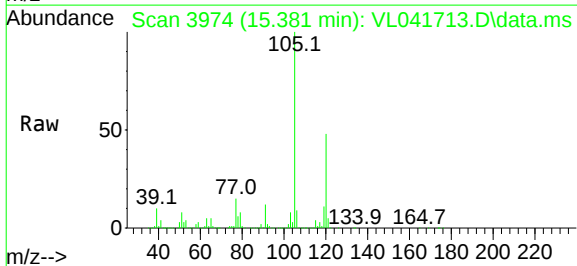
Tgt Ion:105 Resp: 3514757
Ion Ratio Lower Upper
105 100
120 30.6 25.0 37.4
91 13.1 10.6 15.8
77 14.2 11.1 16.7





#73
1,3,5-Trimethylbenzene
Concen: 10.867 ppbv
RT: 15.381 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

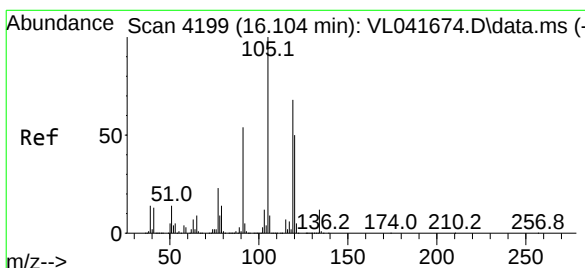
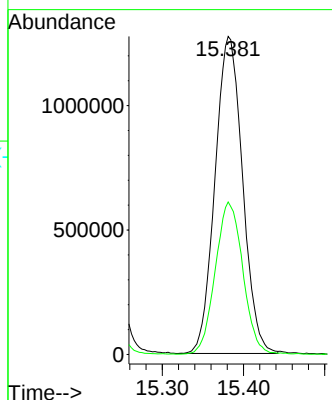
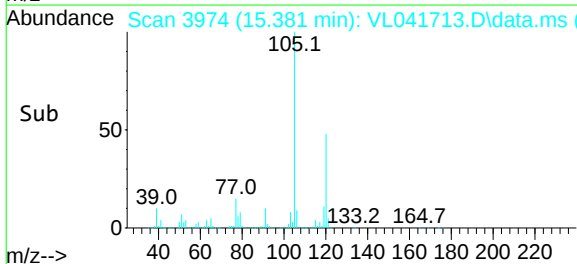
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01



Tgt Ion:105 Resp: 2999740
Ion Ratio Lower Upper
105 100
120 48.0 38.4 57.6

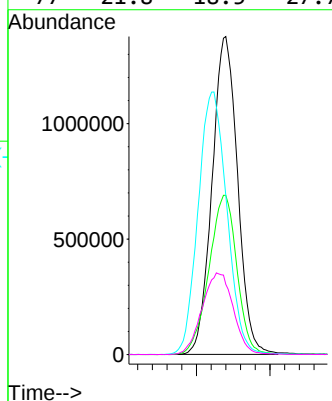
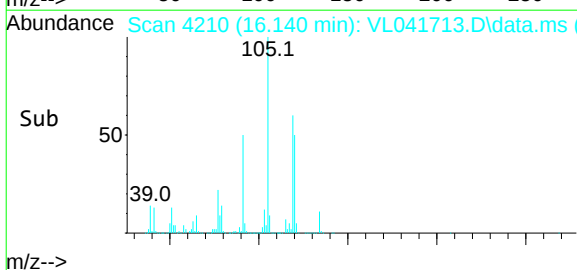
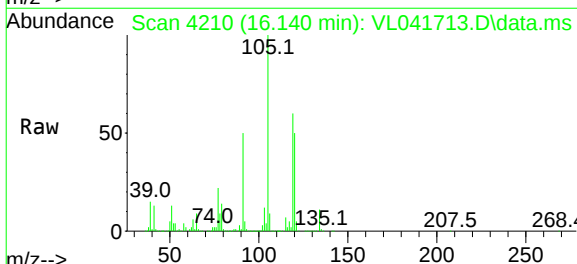
Manual Integrations
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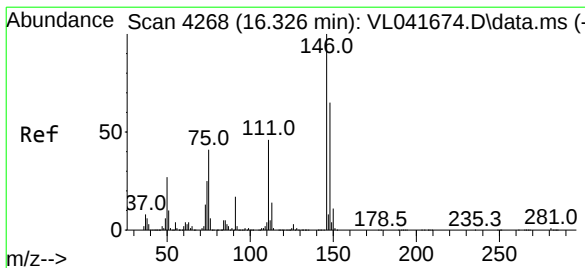
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#74
1,2,4-Trimethylbenzene
Concen: 10.358 ppbv
RT: 16.140 min Scan# 4210
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Tgt Ion:105 Resp: 3320988
Ion Ratio Lower Upper
105 100
120 49.8 39.8 59.8
91 49.6 43.2 64.8
77 21.8 18.5 27.7





#75

1,3-Dichlorobenzene

Concen: 10.215 ppbv

RT: 16.362 min Scan# 4268

Delta R.T. 0.000 min

Lab File: VL041713.D

Acq: 21 Nov 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

Tgt Ion:146 Resp: 2028386

Ion Ratio Lower Upper

146 100

111 45.2 22.8 68.3

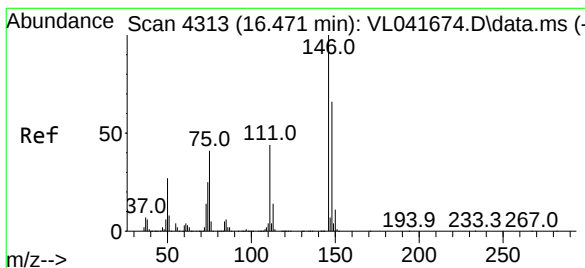
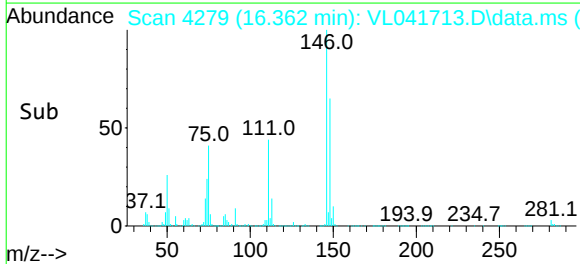
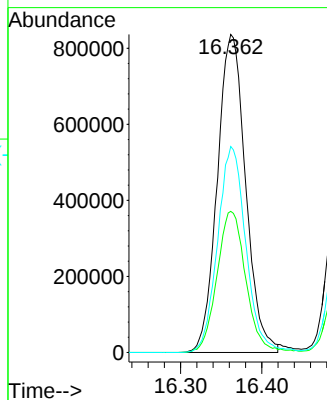
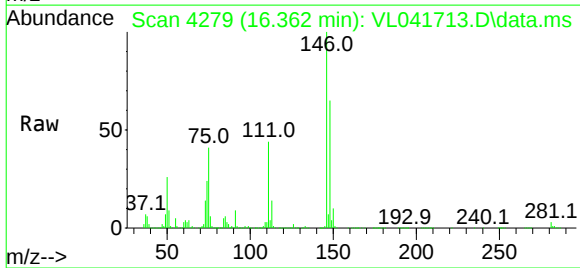
148 64.6 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#76

1,4-Dichlorobenzene

Concen: 10.386 ppbv

RT: 16.506 min Scan# 4324

Delta R.T. 0.000 min

Lab File: VL041713.D

Acq: 21 Nov 2024 10:16

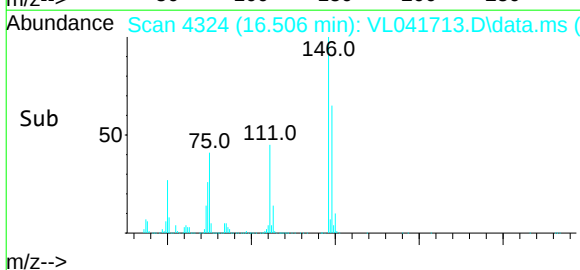
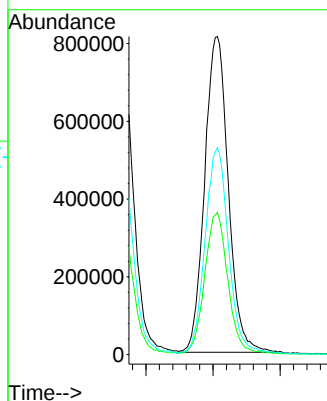
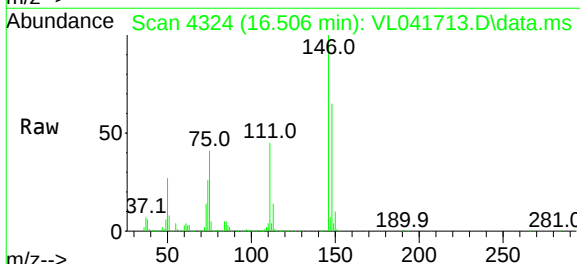
Tgt Ion:146 Resp: 1989769

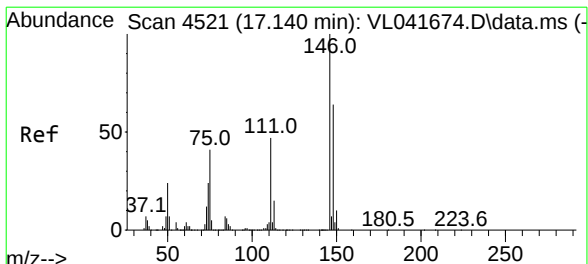
Ion Ratio Lower Upper

146 100

111 44.3 22.1 66.3

148 65.4 33.3 99.8





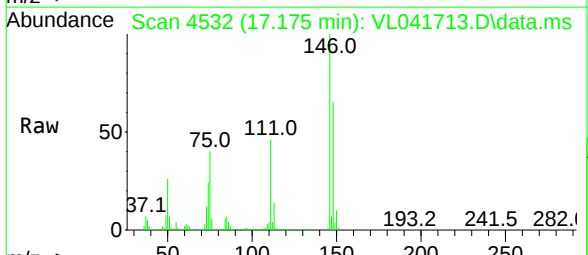
#77
 1,2-Dichlorobenzene
 Concen: 10.037 ppbv
 RT: 17.175 min Scan# 4516
 Delta R.T. 0.000 min
 Lab File: VL041713.D
 Acq: 21 Nov 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

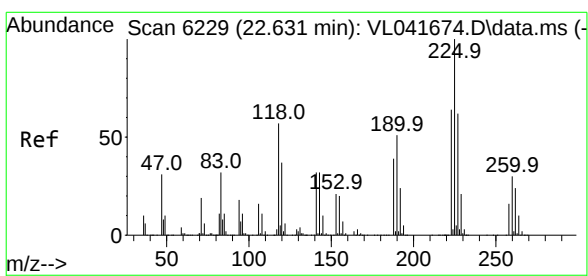
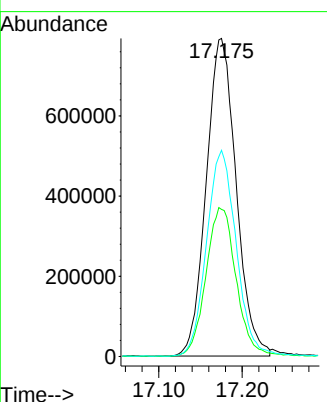
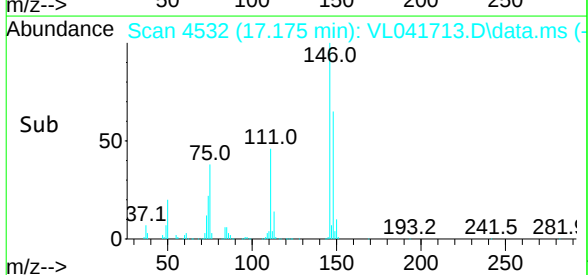


Tgt Ion:146 Resp: 1974338

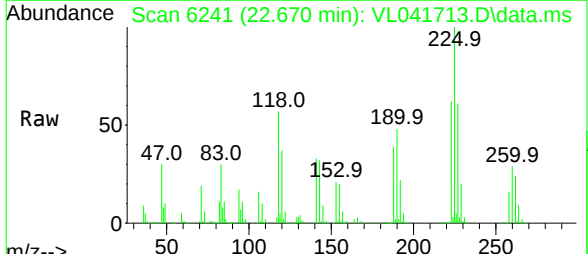
Ion	Ratio	Lower	Upper
146	100		
111	47.5	23.4	70.3
148	64.8	32.1	96.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

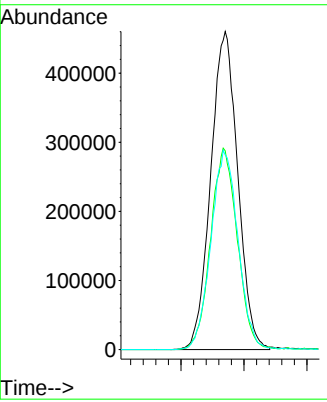
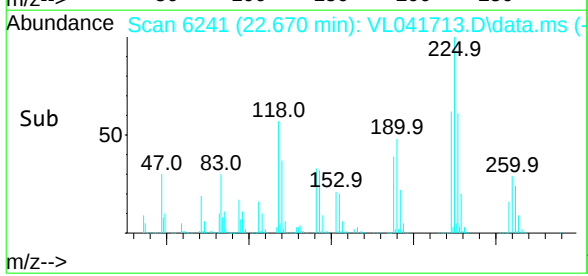


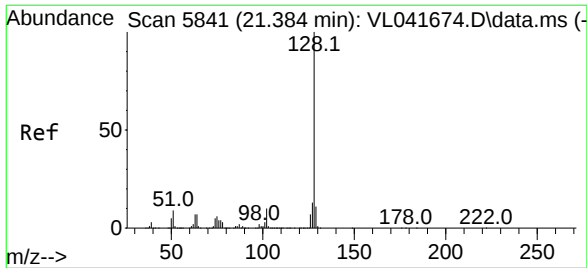
#78
 Hexachloro-1,3-Butadiene
 Concen: 8.817 ppbv
 RT: 22.670 min Scan# 6241
 Delta R.T. 0.006 min
 Lab File: VL041713.D
 Acq: 21 Nov 2024 10:16



Tgt Ion:225 Resp: 1371815

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.1	76.7
227	63.3	51.3	76.9





#79

Naphthalene

Concen: 13.302 ppbv

RT: 21.419 min Scan# 5841

Delta R.T. 0.000 min

Lab File: VL041713.D

Acq: 21 Nov 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

Tgt Ion:128 Resp: 2632672

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

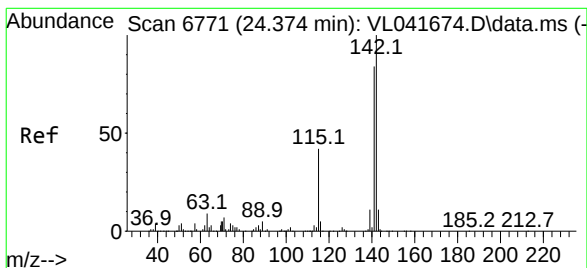
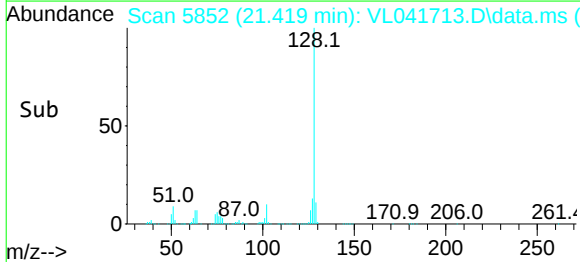
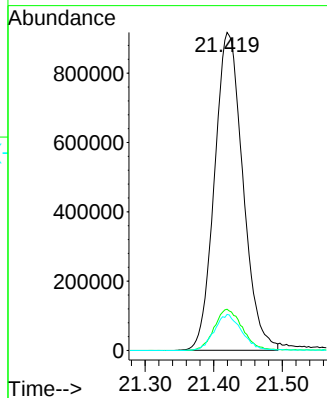
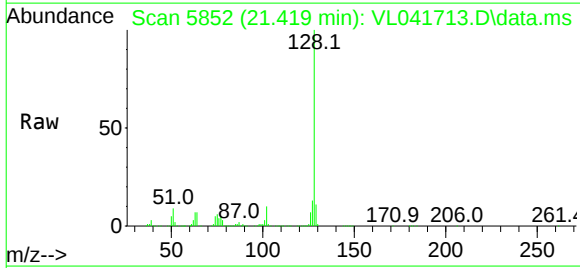
129 11.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#80

Naphthalene,2-methyl-

Concen: 27.288 ppbv

RT: 24.403 min Scan# 6780

Delta R.T. 0.003 min

Lab File: VL041713.D

Acq: 21 Nov 2024 10:16

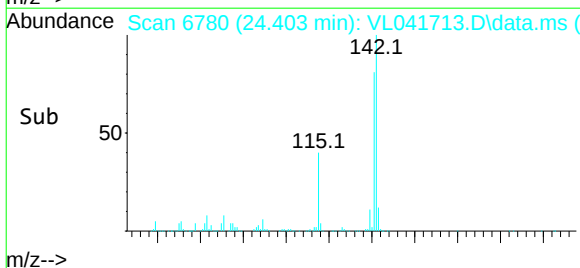
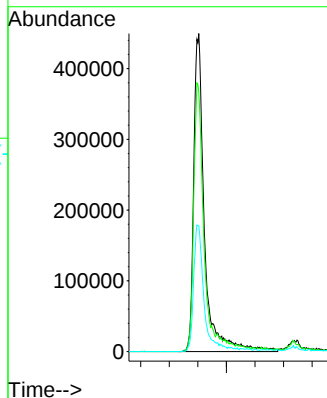
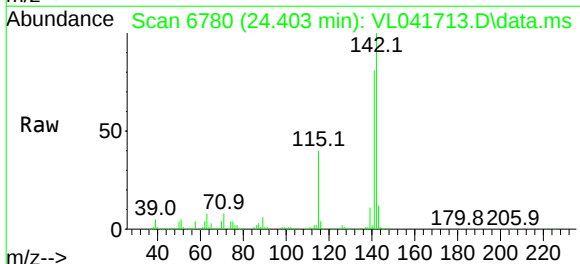
Tgt Ion:142 Resp: 1177283

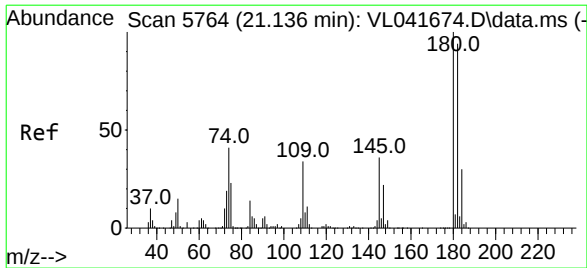
Ion Ratio Lower Upper

142 100

141 81.4 68.1 102.1

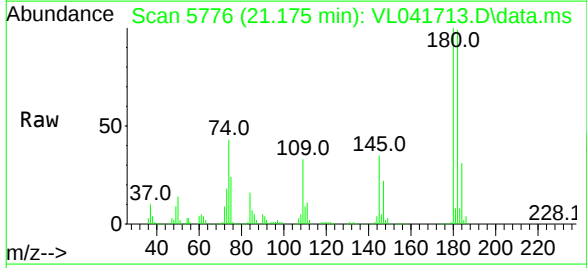
115 38.6 33.1 49.7





#81
1,2,4-Trichlorobenzene
Concen: 10.986 ppbv m
RT: 21.175 min Scan# 57
Delta R.T. 0.000 min
Lab File: VL041713.D
Acq: 21 Nov 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01



Tgt Ion:180 Resp: 1367312
Ion Ratio Lower Upper
180 100
182 0.0 78.2 117.2#
184 31.2 25.0 37.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

