

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112124\
 Data File : VL041711.D
 Acq On : 21 Nov 2024 8:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Nov 22 01:01:27 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	5.221	49	1173714	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.684	114	3217567	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	2996508m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.806 95 2257188 10.223 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.758	85	1422464	6.705	ppbv	99
3) Chlorodifluoromethane	2.703	51	1408647	9.211	ppbv	99
4) Chloromethane	2.841	50	772568	9.537	ppbv	100
5) Vinyl Chloride	2.948	62	738827	10.139	ppbv	99
6) Bromomethane	3.147	94	378603	9.794	ppbv	97
7) Chloroethane	3.227	64	268516	10.097	ppbv	99
8) Dichlorotetrafluoroethane	2.883	85	1753531	9.260	ppbv	98
9) Propene	2.722	41	628191	9.427	ppbv	98
10) Heptane	7.610	43	1564942	10.481	ppbv	99
11) Trichlorofluoromethane	3.591	101	1745375	9.446	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.095	101	1298147	9.665	ppbv	99
13) Ethanol	3.275	45	35822m	8.780	ppbv	
14) Bromoethene	3.394	108	526015	9.742	ppbv	97
15) Acetone	3.497	43	1333944	9.235	ppbv	98
16) 1,3-Butadiene	3.012	39	739980	10.153	ppbv	100
17) tert-Butyl alcohol	3.906	59	1267990	10.003	ppbv	99
18) 1,1-Dichloroethene	3.909	96	571205	9.697	ppbv	94
19) Isopropyl Alcohol	3.603	45	682305	9.882	ppbv	99
20) Methylene Chloride	3.960	84	481797	9.064	ppbv	95
21) Allyl Chloride	4.025	41	904964	10.138	ppbv	99
22) trans-1,2-Dichloroethene	4.475	96	587155	10.025	ppbv	97
23) Vinyl Acetate	4.655	43	629204	9.881	ppbv	99
24) 1,1-Dichloroethane	4.594	63	1253068	9.585	ppbv	99
25) Ethyl Acetate	5.234	43	2952376	9.874	ppbv	100
26) Hexane	5.243	57	1169502	10.181	ppbv	98
27) Carbon Disulfide	4.153	76	1403031	10.871	ppbv	99
28) Methyl tert-Butyl Ether	4.616	73	715210	9.668	ppbv	100
29) Chloroform	5.308	83	1799780	9.492	ppbv	100
30) Cyclohexane	6.632	84	990103	10.122	ppbv	99
31) cis-1,2-Dichloroethene	5.108	61	1127435	10.202	ppbv	99
32) 1,1,1-Trichloroethane	6.034	97	1761688	10.184	ppbv	99
34) 2-Butanone	4.816	43	1449252	9.046	ppbv	99
35) Carbon Tetrachloride	6.526	117	1827244	10.764	ppbv	97
36) Benzene	6.401	78	2463354	10.333	ppbv	99
37) 1,2-Dichloroethane	5.838	62	1361156	10.120	ppbv	99
38) Trichloroethene	7.327	130	1001170	10.934	ppbv	99
39) 1,2-Dichloropropane	7.108	63	946394	10.045	ppbv	98
40) 1,4-Dioxane	7.317	88	369652	10.936	ppbv #	1
41) Tetrahydrofuran	5.587	42	1011478	11.055	ppbv	100
42) Bromodichloromethane	7.282	83	1950791	10.438	ppbv	100
43) Methyl Methacrylate	7.507	69	960580	11.476	ppbv	99
44) 2,2,4-Trimethylpentane	7.356	57	4139526	10.251	ppbv	100
45) t-1,3-Dichloropropene	8.741	75	943007	12.329	ppbv	99

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Manual Integrations
 APPROVED

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

Quant Time: Nov 22 01:01:27 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	8.172	75	1279587	11.647	ppbv	98
47) 1,1,2-Trichloroethane	8.931	97	1009245	9.898	ppbv	98
48) Dibromochloromethane	9.741	129	1661895	10.722	ppbv	100
49) Bromoform	12.439	173	1469304	11.079	ppbv	100
50) 4-Methyl-2-Pentanone	8.211	43	2653020	10.787	ppbv	100
51) 2-Hexanone	9.581	43	2052626	11.460	ppbv	99
52) Tetrachloroethene	10.648	164	903960	11.127	ppbv	99
53) Toluene	9.253	91	2837342	11.317	ppbv	100
54) 1,2-Dibromoethane	10.040	107	1367674	11.480	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.539	131	1253171	10.140	ppbv	98
57) Chlorobenzene	11.558	112	2202336	9.937	ppbv	98
58) Ethyl Benzene	12.121	91	3808048	11.592	ppbv	99
59) m/p-Xylene	12.404	91	6459706m	21.958	ppbv	
60) o-Xylene	13.089	91	3108102	11.080	ppbv	99
61) Styrene	12.928	104	1498189	12.940	ppbv	100
62) Isopropylbenzene	14.060	105	4585032	10.583	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.079	83	2155854	10.448	ppbv	100
64) n-propylbenzene	14.944	120	1243110	10.961	ppbv	99
65) tert-Butylbenzene	16.117	119	4092301	10.510	ppbv	100
66) Benzyl Chloride	16.359	91	360391	12.031	ppbv	99
67) sec-Butylbenzene	16.667	105	5768247	10.510	ppbv	100
69) p-Isopropyltoluene	17.027	119	4812497	10.847	ppbv	100
70) n-Butylbenzene	17.918	91	4962014	10.930	ppbv	100
71) 2-Chlorotoluene	14.831	91	3484566	11.127	ppbv	99
72) 4-Ethyltoluene	15.224	105	3736233	11.456	ppbv	99
73) 1,3,5-Trimethylbenzene	15.381	105	3182515	11.120	ppbv	99
74) 1,2,4-Trimethylbenzene	16.140	105	3517746	10.582	ppbv	95
75) 1,3-Dichlorobenzene	16.362	146	2166163	10.522	ppbv	100
76) 1,4-Dichlorobenzene	16.506	146	2095111	10.547	ppbv	100
77) 1,2-Dichlorobenzene	17.175	146	2109445	10.343	ppbv	100
78) Hexachloro-1,3-Butadiene	22.664	225	1455287m	9.022	ppbv	
79) Naphthalene	21.419	128	2952462	14.389	ppbv	99
80) Naphthalene,2-methyl-	24.400	142	630748	14.101	ppbv	99
81) 1,2,4-Trichlorobenzene	21.175	180	1501117	11.633	ppbv	99

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

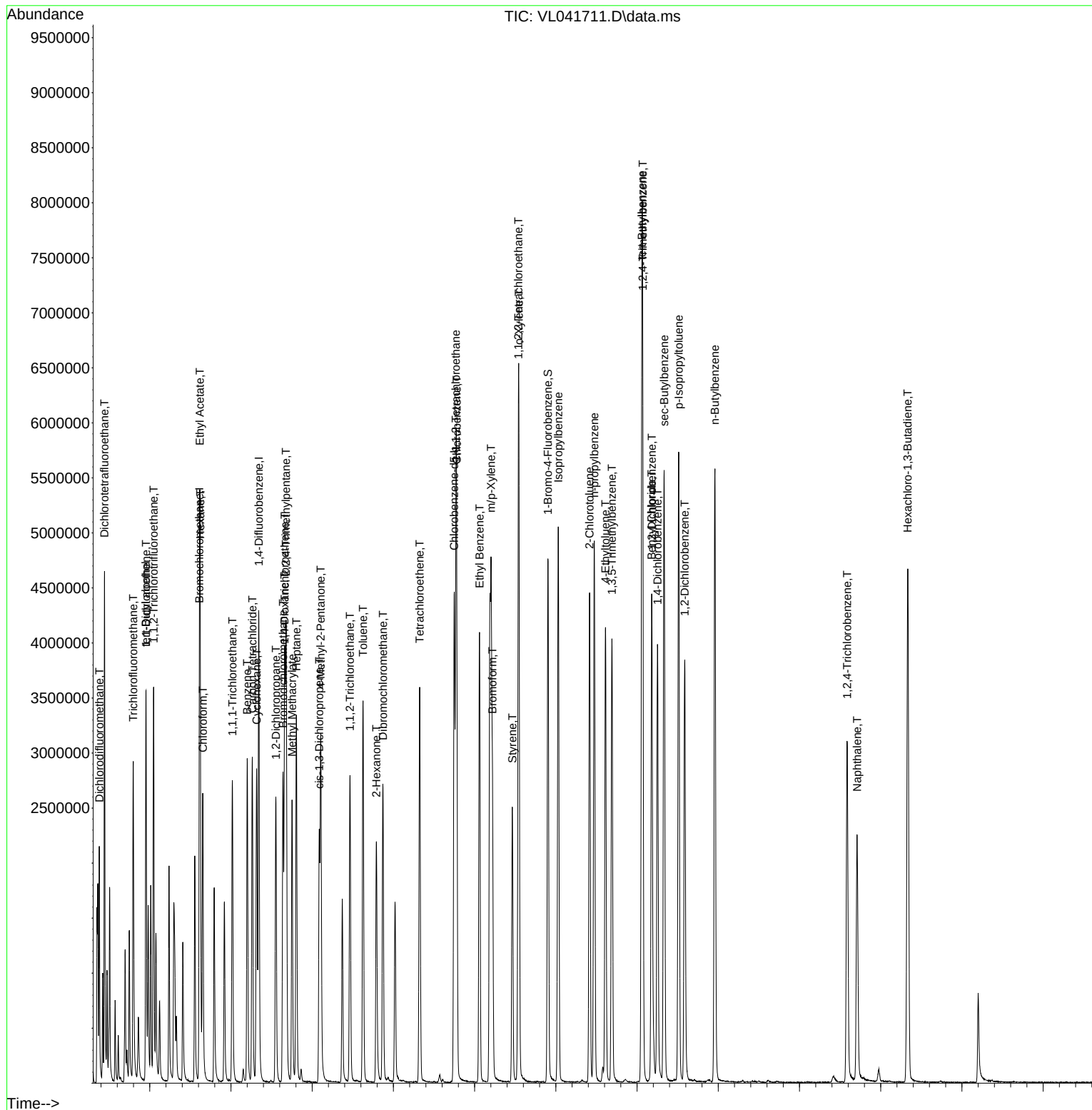
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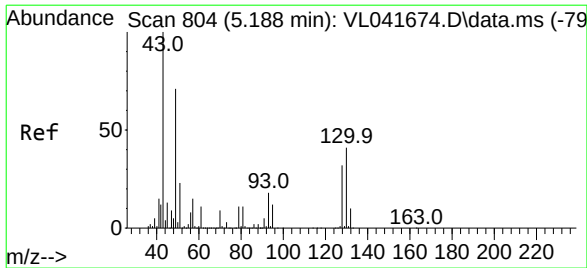
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

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

Quant Time: Nov 22 01:01:27 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





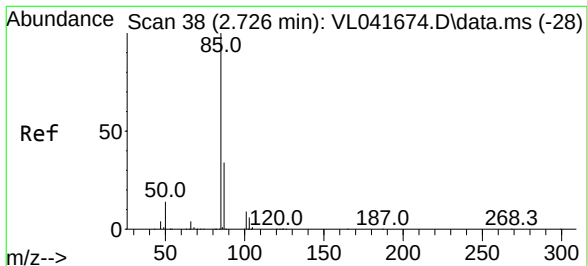
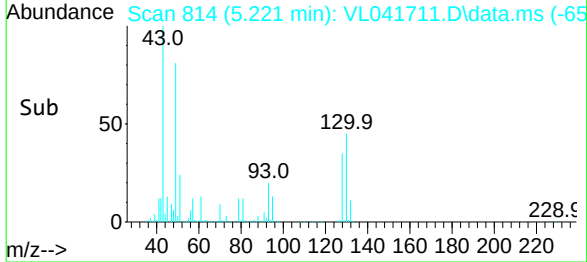
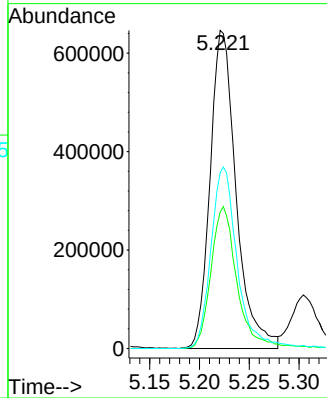
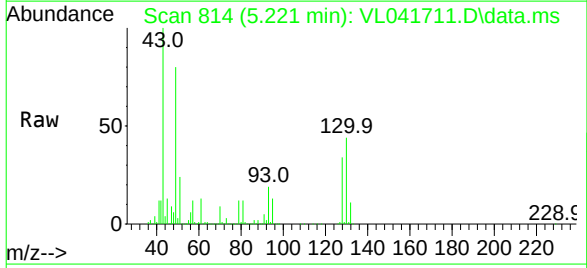
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.221 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1173714
Ion Ratio Lower Upper
49 100
128 44.9 23.8 71.2
130 58.5 30.1 90.5

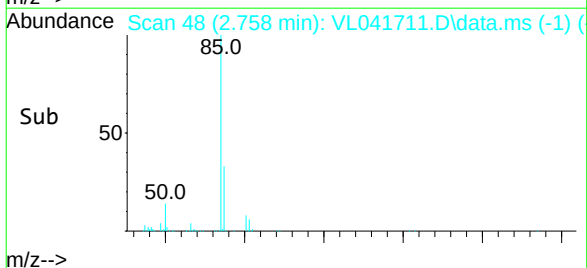
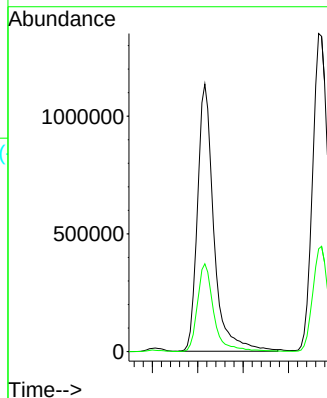
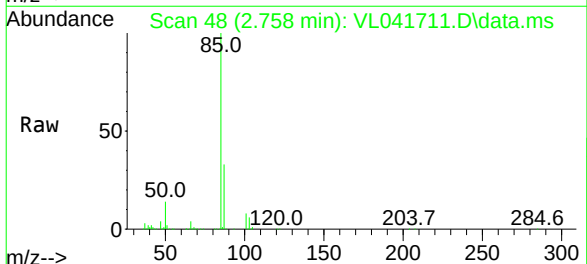
Manual Integrations
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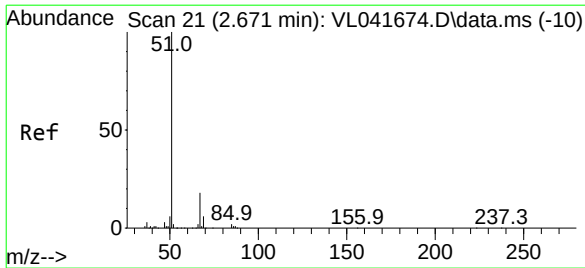
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#2
Dichlorodifluoromethane
Concen: 6.705 ppbv
RT: 2.758 min Scan# 48
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion: 85 Resp: 1422464
Ion Ratio Lower Upper
85 100
87 32.8 26.8 40.2





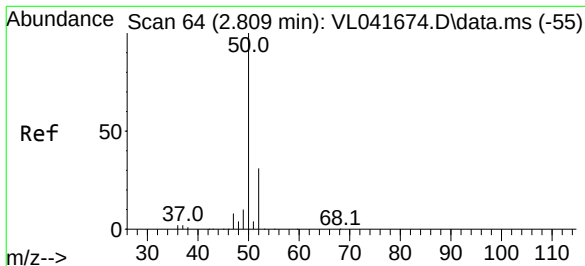
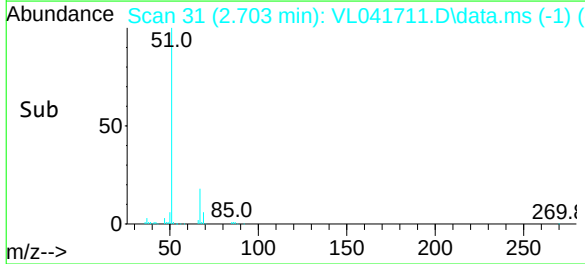
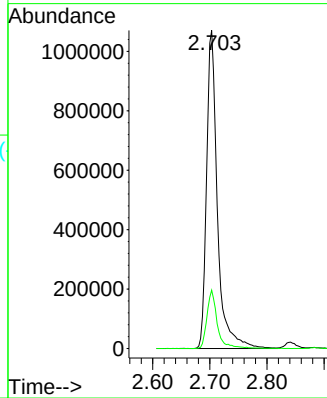
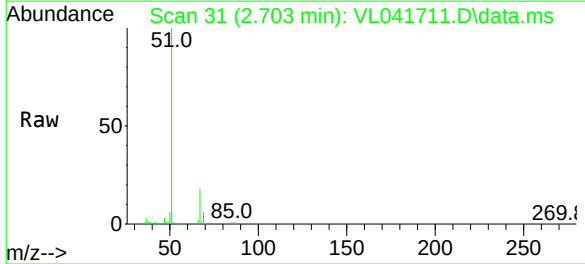
#3
Chlorodifluoromethane
Concen: 9.211 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1408647
Ion Ratio Lower Upper
51 100
67 17.7 13.9 20.9

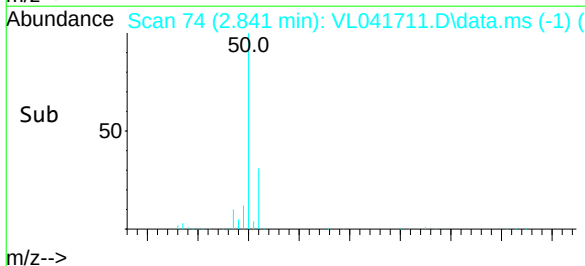
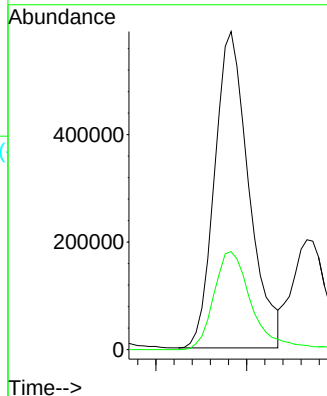
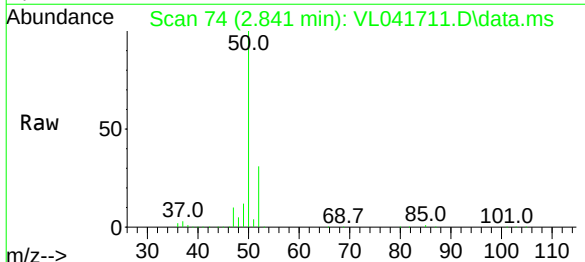
Manual Integrations
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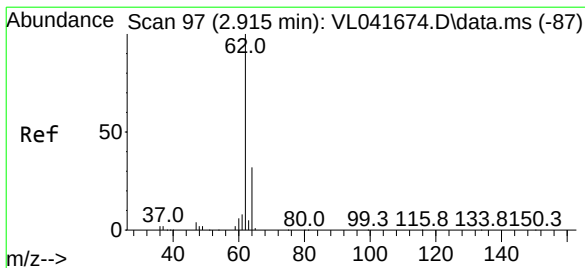
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#4
Chloromethane
Concen: 9.537 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion: 50 Resp: 772568
Ion Ratio Lower Upper
50 100
52 31.0 24.9 37.3





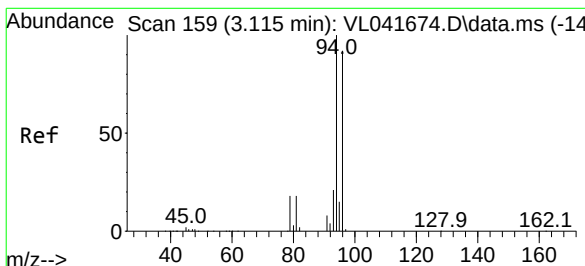
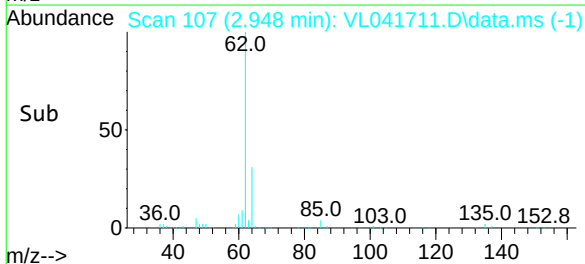
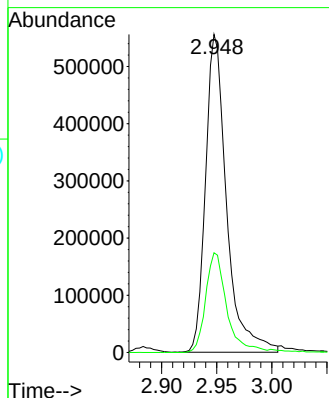
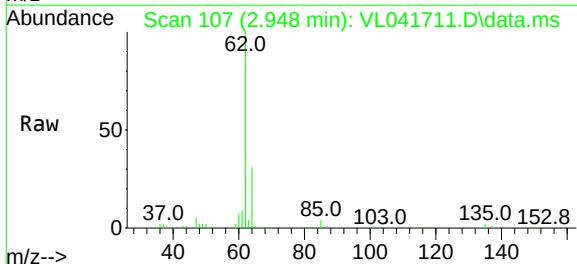
#5
 Vinyl Chloride
 Concen: 10.139 ppbv
 RT: 2.948 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VL041711.D
 Acq: 21 Nov 2024 8:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 738827
 Ion Ratio Lower Upper
 62 100
 64 31.4 25.4 38.2

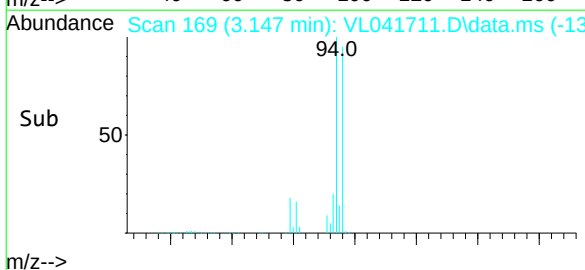
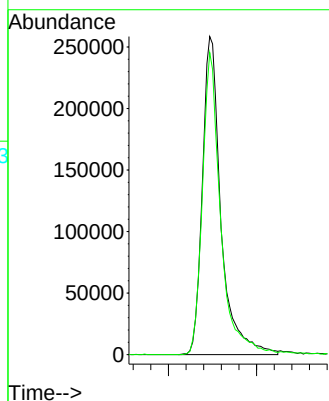
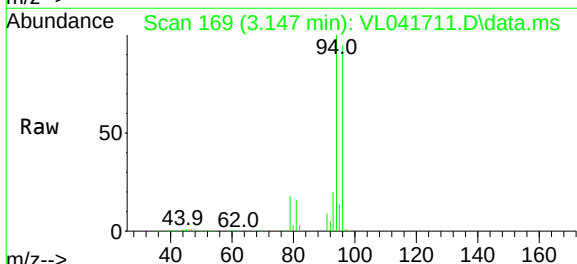
Manual Integrations
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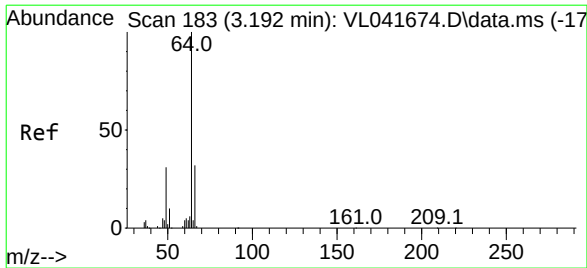
Reviewed By :Semsettin Yesilyurt 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#6
 Bromomethane
 Concen: 9.794 ppbv
 RT: 3.147 min Scan# 169
 Delta R.T. 0.000 min
 Lab File: VL041711.D
 Acq: 21 Nov 2024 8:50

Tgt Ion: 94 Resp: 378603
 Ion Ratio Lower Upper
 94 100
 96 94.9 73.4 110.2





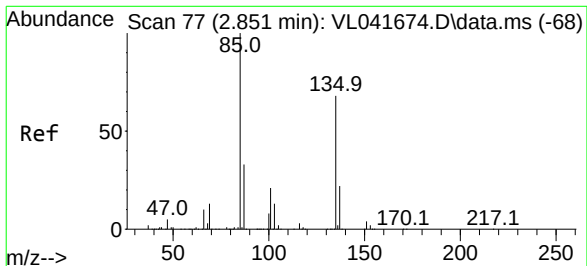
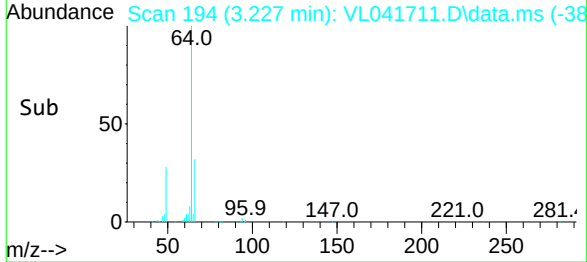
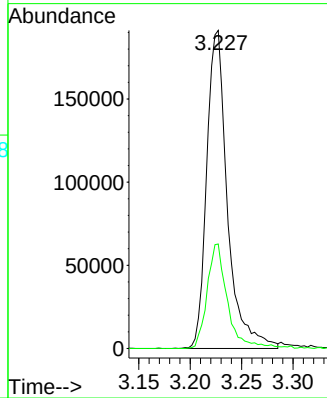
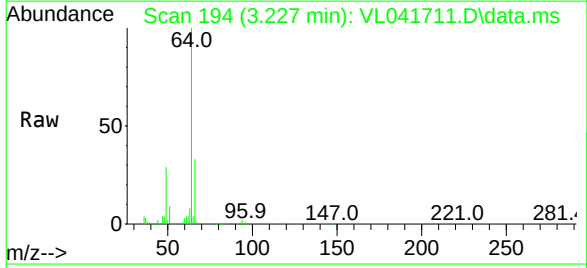
#7
Chloroethane
Concen: 10.097 ppbv
RT: 3.227 min Scan# 19
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 268516
Ion Ratio Lower Upper
64 100
66 32.9 25.9 38.9

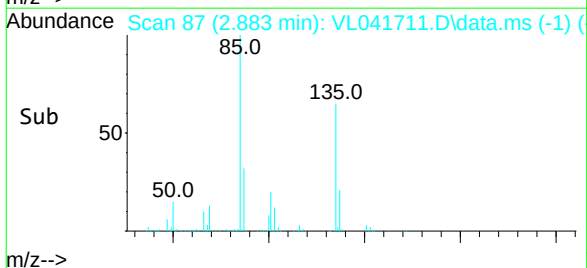
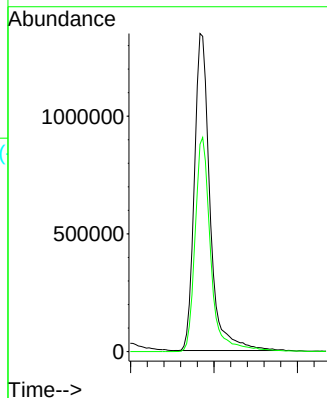
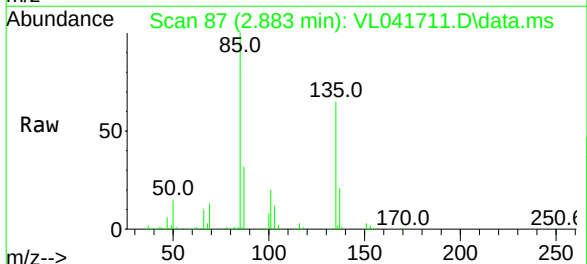
Manual Integrations
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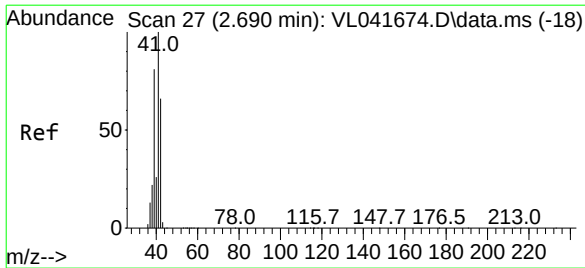
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#8
Dichlorotetrafluoroethane
Concen: 9.260 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion: 85 Resp: 1753531
Ion Ratio Lower Upper
85 100
135 68.0 55.5 83.3





#9

Propene

Concen: 9.427 ppbv

RT: 2.722 min Scan# 37

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 628191

Ion Ratio Lower Upper

41 100

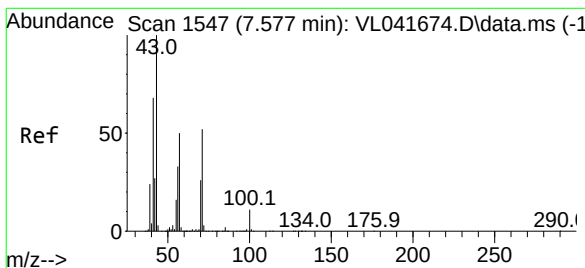
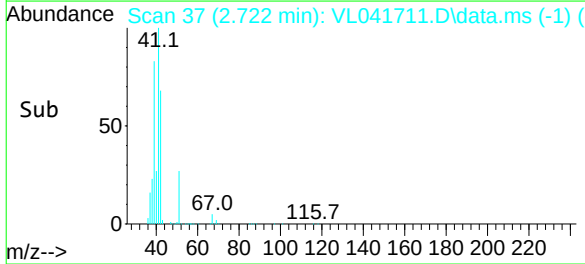
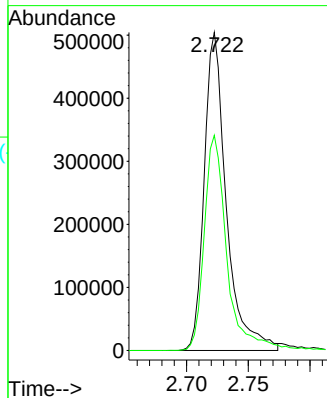
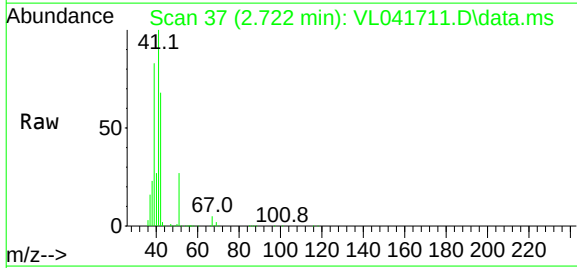
42 70.1 55.0 82.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#10

Heptane

Concen: 10.481 ppbv

RT: 7.610 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VL041711.D

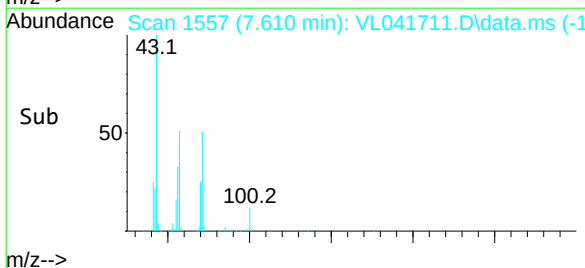
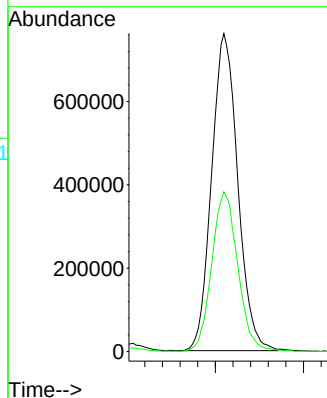
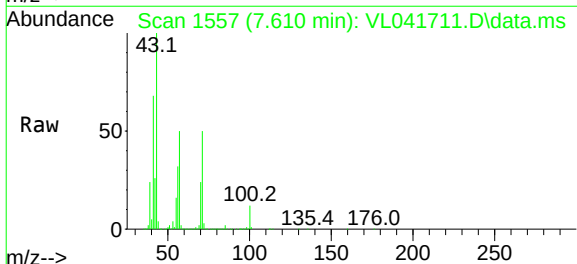
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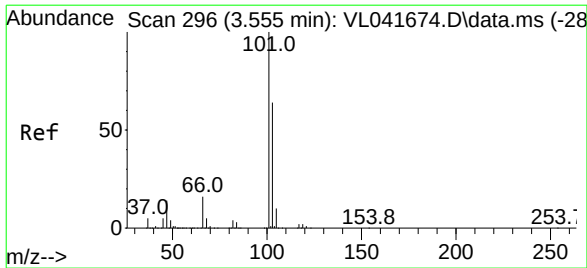
Tgt Ion: 43 Resp: 1564942

Ion Ratio Lower Upper

43 100

57 50.5 40.0 60.0





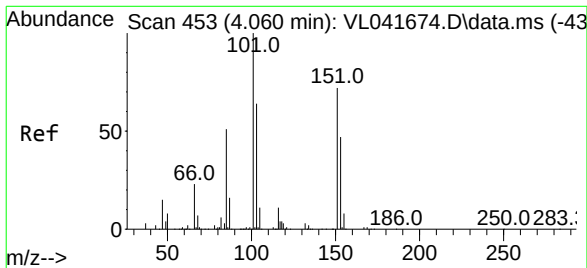
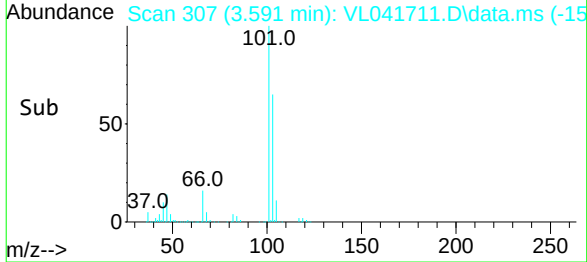
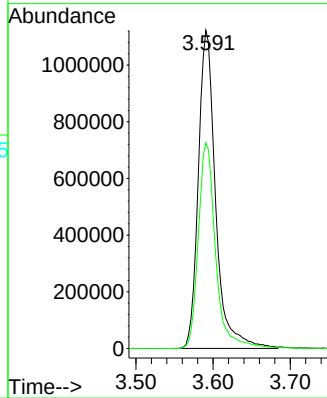
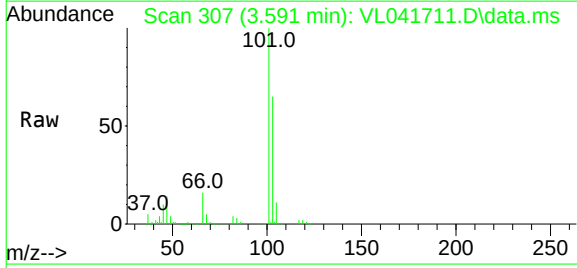
#11
Trichlorofluoromethane
Concen: 9.446 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1745375
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.6

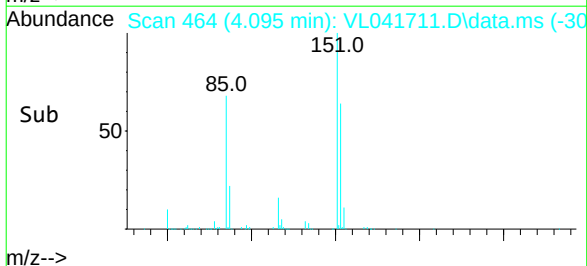
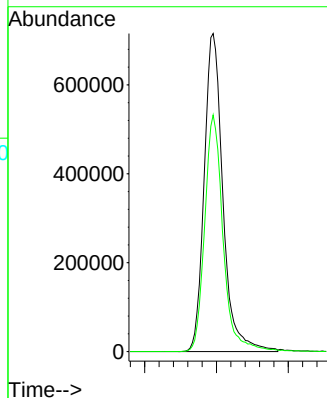
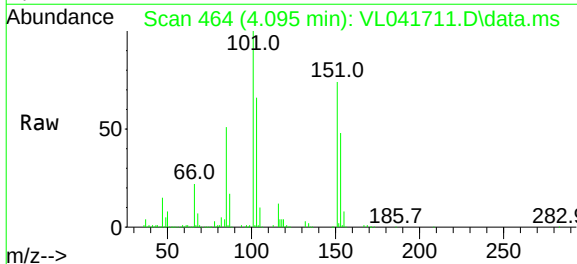
Manual Integrations
APPROVED

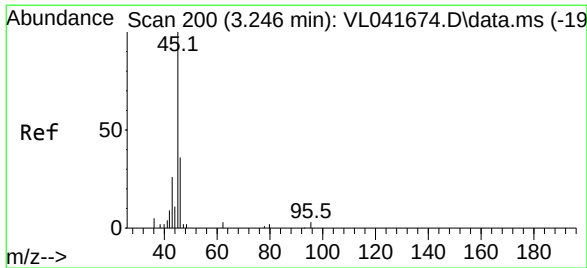
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.665 ppbv
RT: 4.095 min Scan# 464
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion:101 Resp: 1298147
Ion Ratio Lower Upper
101 100
151 73.1 59.1 88.7





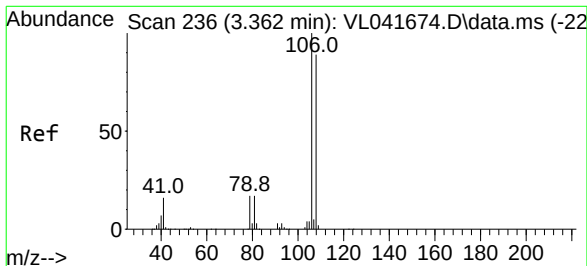
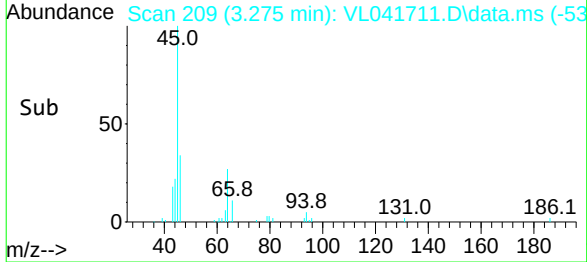
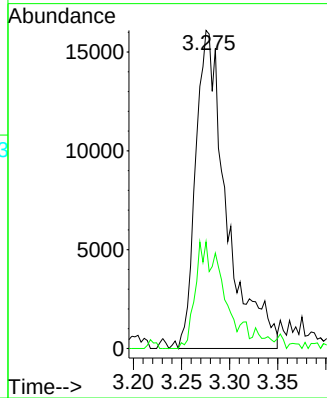
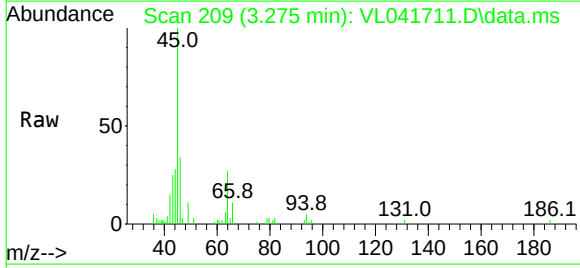
#13
Ethanol
Concen: 8.780 ppbv m
RT: 3.275 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 35822
Ion Ratio Lower Upper
45 100
46 34.9 13.8 55.2

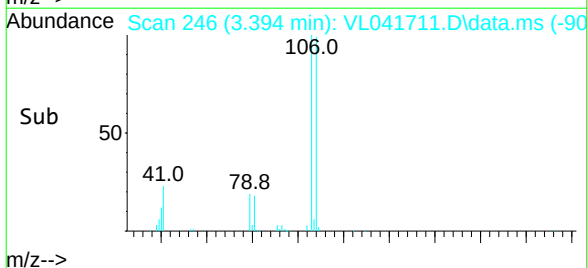
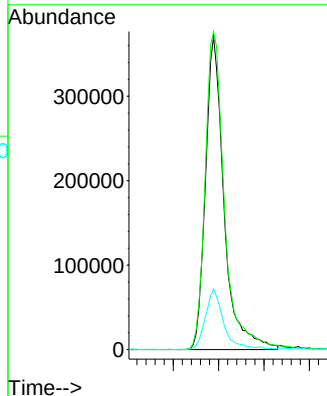
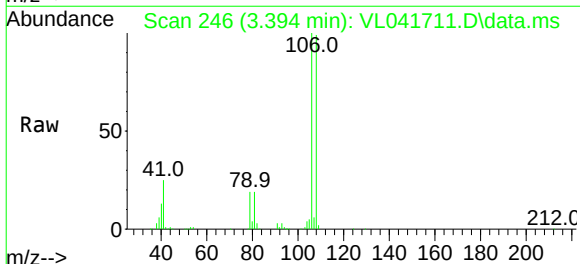
Manual Integrations
APPROVED

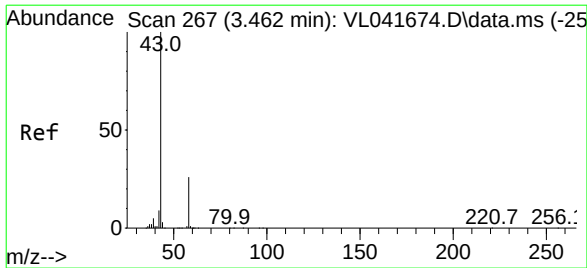
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#14
Bromoethene
Concen: 9.742 ppbv
RT: 3.394 min Scan# 246
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion:108 Resp: 526015
Ion Ratio Lower Upper
108 100
106 107.1 88.6 133.0
79 19.3 15.6 23.4





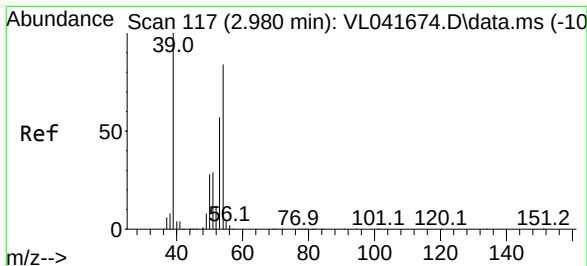
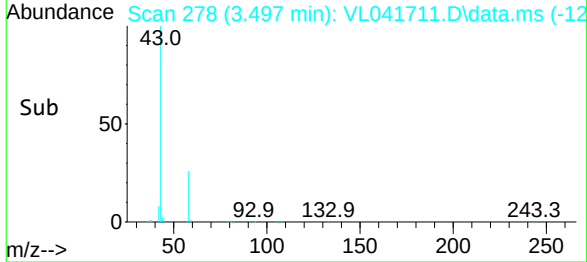
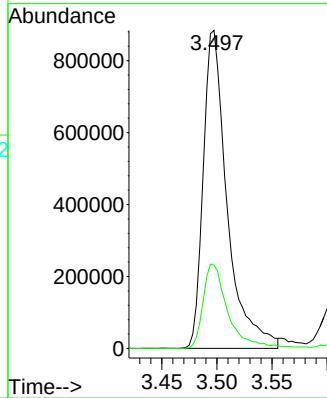
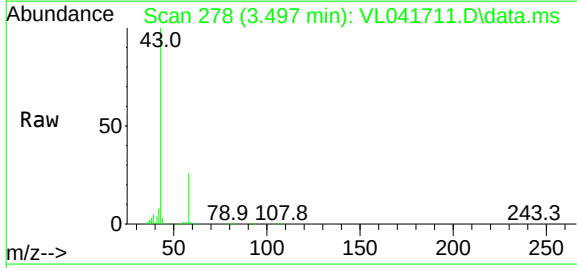
#15
Acetone
Concen: 9.235 ppbv
RT: 3.497 min Scan# 27
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1333944
Ion Ratio Lower Upper
43 100
58 27.8 21.4 32.0

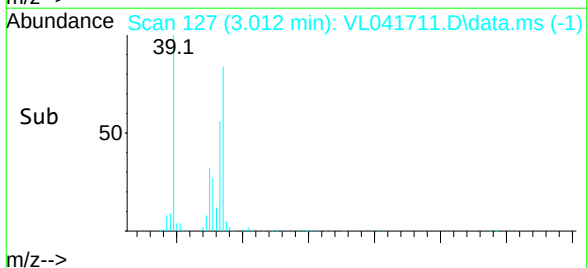
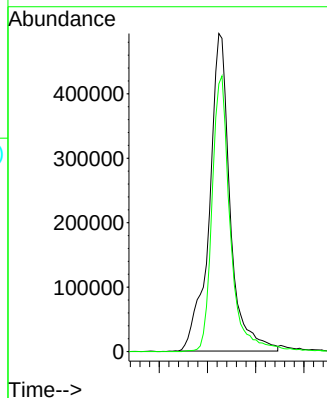
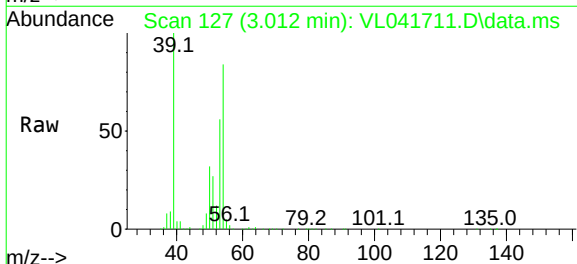
Manual Integrations
APPROVED

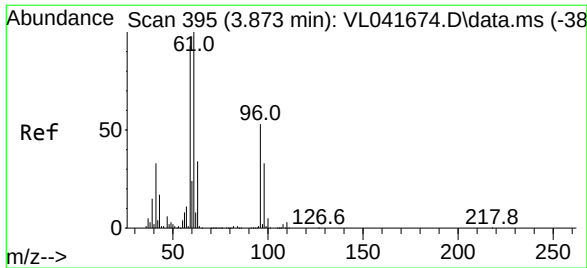
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#16
1,3-Butadiene
Concen: 10.153 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion: 39 Resp: 739980
Ion Ratio Lower Upper
39 100
54 76.9 61.3 91.9





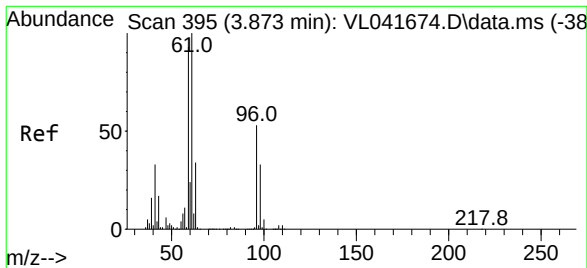
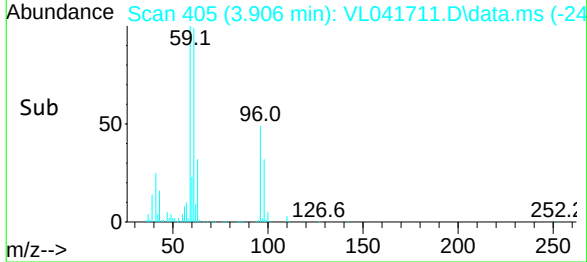
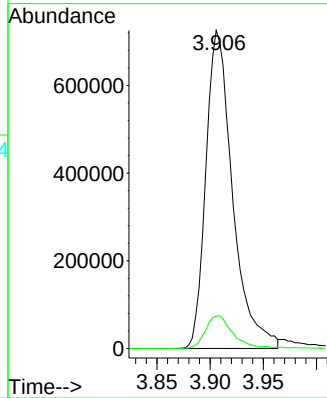
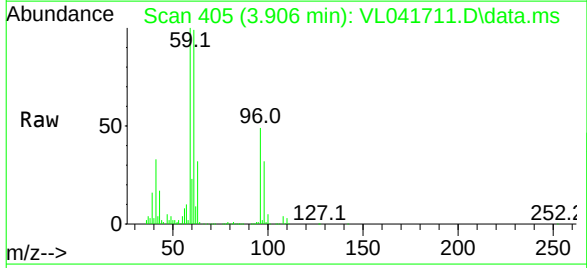
#17
tert-Butyl alcohol
Concen: 10.003 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1267996
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

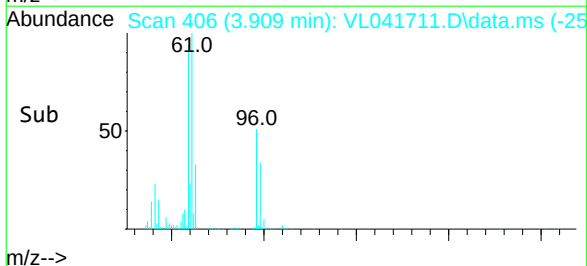
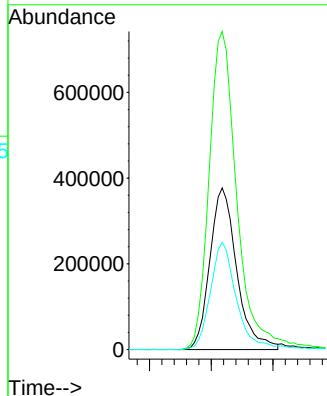
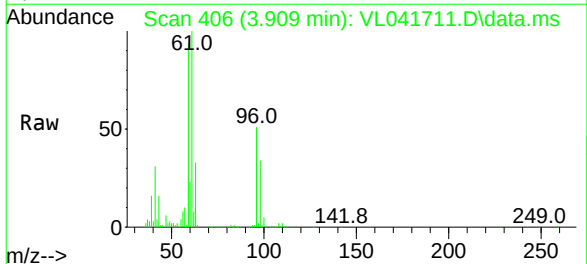
Manual Integrations
APPROVED

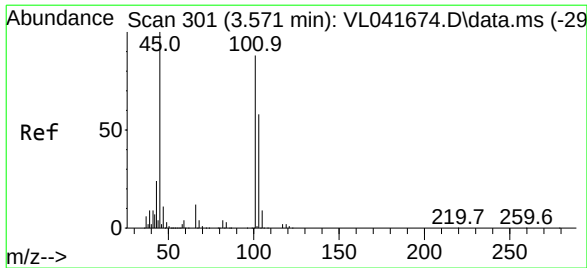
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#18
1,1-Dichloroethene
Concen: 9.697 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion: 96 Resp: 571205
Ion Ratio Lower Upper
96 100
61 196.7 150.7 226.1
98 66.3 49.4 74.2





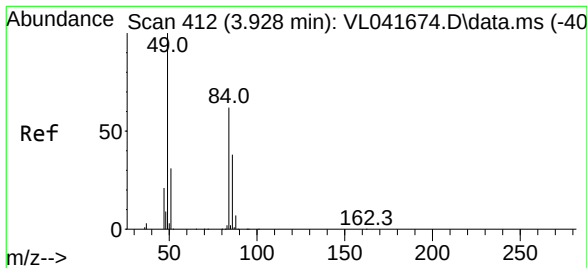
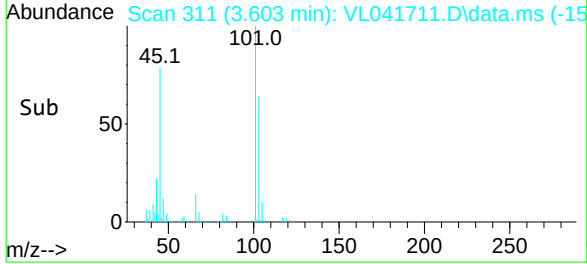
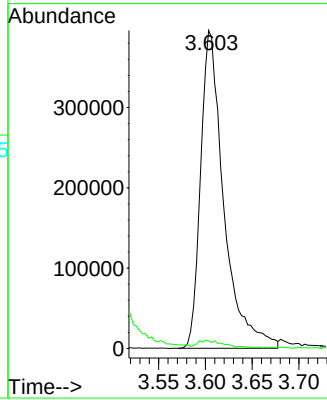
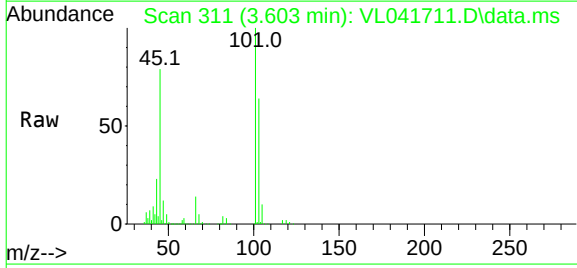
#19
Isopropyl Alcohol
Concen: 9.882 ppbv
RT: 3.603 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 682305
Ion Ratio Lower Upper
45 100
58 2.7 2.5 3.7

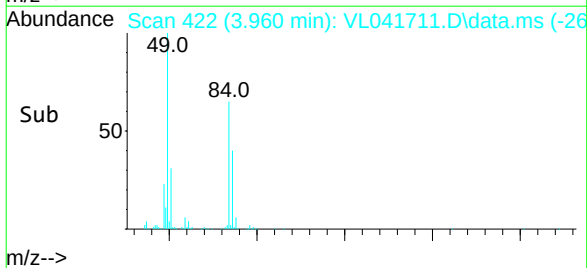
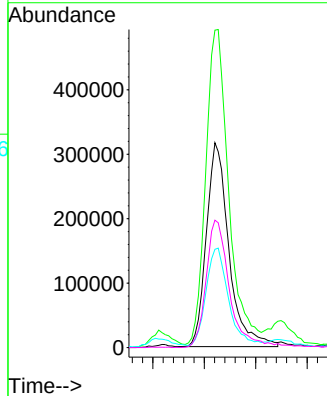
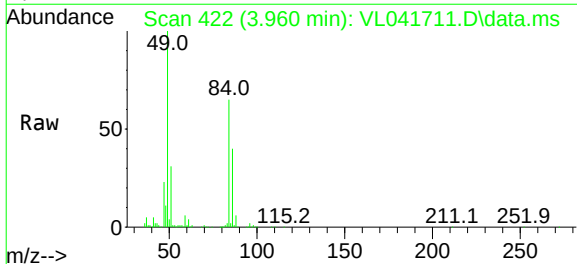
Manual Integrations
APPROVED

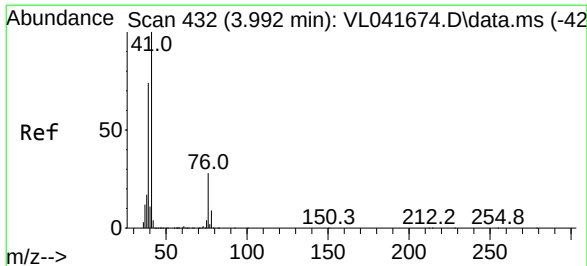
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#20
Methylene Chloride
Concen: 9.064 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion: 84 Resp: 481797
Ion Ratio Lower Upper
84 100
49 153.1 129.7 194.5
51 46.7 39.8 59.6
86 62.4 49.1 73.7





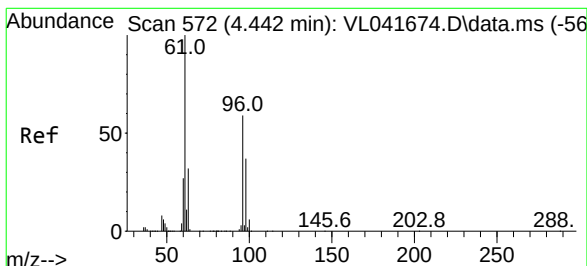
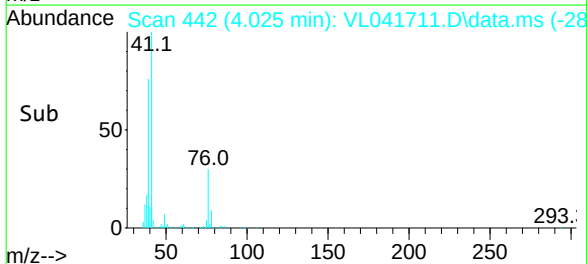
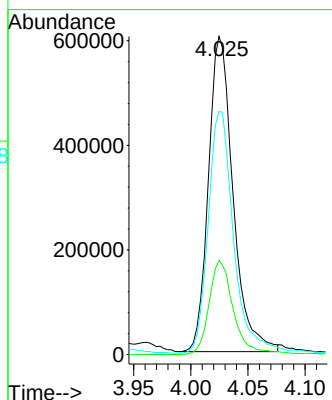
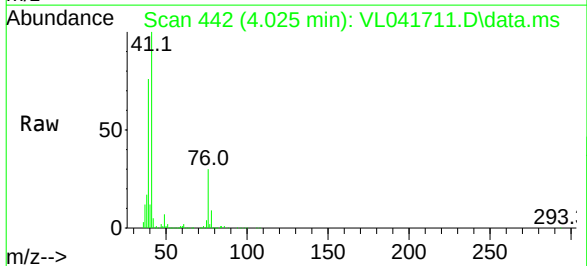
#21
 Allyl Chloride
 Concen: 10.138 ppbv
 RT: 4.025 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: VL041711.D
 Acq: 21 Nov 2024 8:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 904964
 Ion Ratio Lower Upper
 41 100
 76 29.8 23.5 35.3
 39 80.0 63.0 94.4

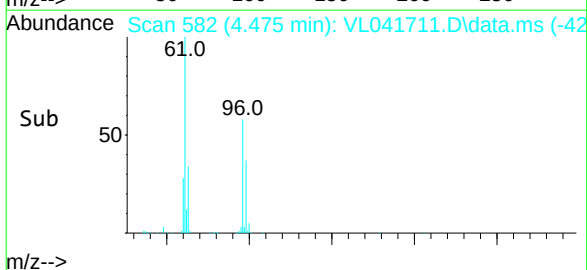
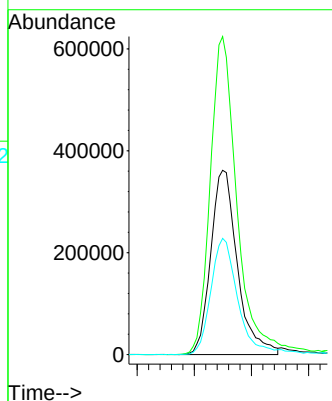
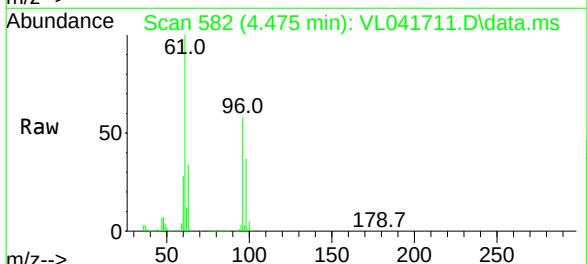
Manual Integrations
 APPROVED

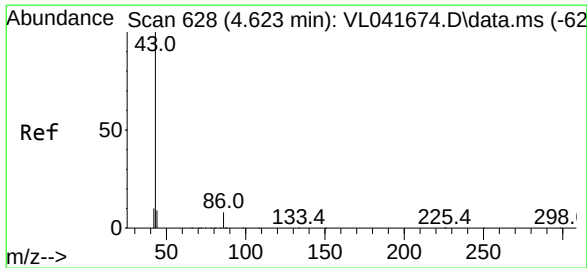
Reviewed By :Semsettin Yesilyurt 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.025 ppbv
 RT: 4.475 min Scan# 582
 Delta R.T. 0.000 min
 Lab File: VL041711.D
 Acq: 21 Nov 2024 8:50

Tgt Ion: 96 Resp: 587155
 Ion Ratio Lower Upper
 96 100
 61 172.5 134.5 201.7
 98 63.1 49.6 74.4





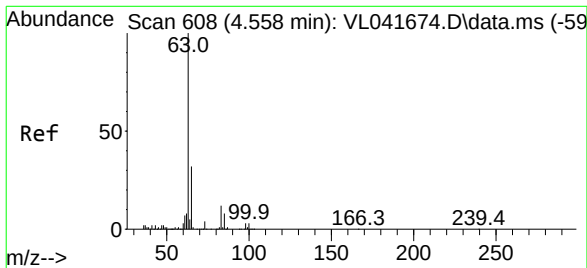
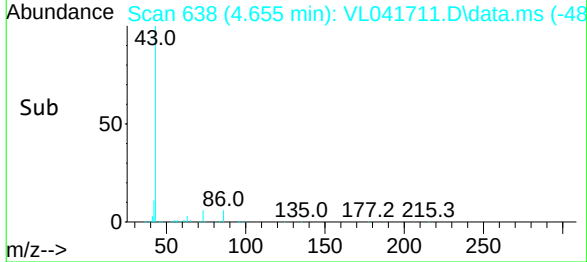
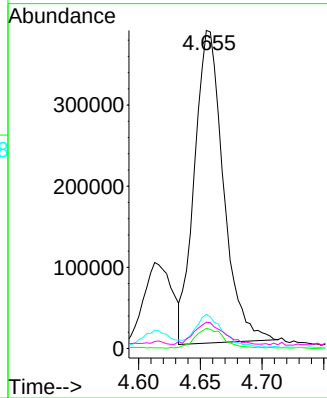
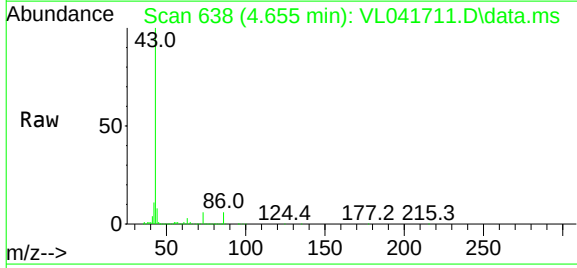
#23
Vinyl Acetate
Concen: 9.881 ppbv
RT: 4.655 min Scan# 63
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:	43	Resp:	629204
Ion	Ratio	Lower	Upper
43	100		
86	6.3	5.3	7.9
42	10.4	8.5	12.7
44	7.3	6.7	10.1

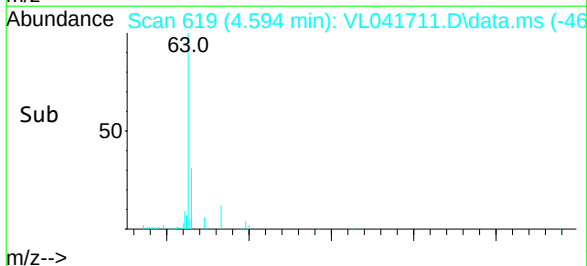
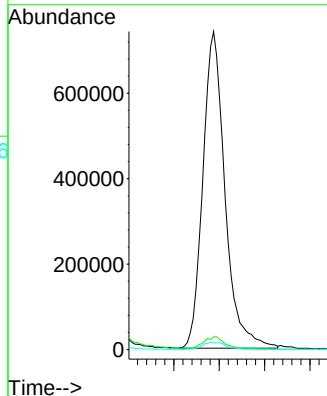
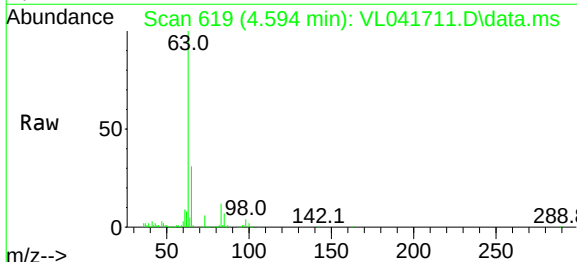
Manual Integrations
APPROVED

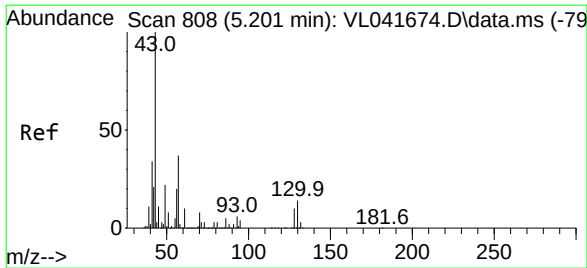
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#24
1,1-Dichloroethane
Concen: 9.585 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

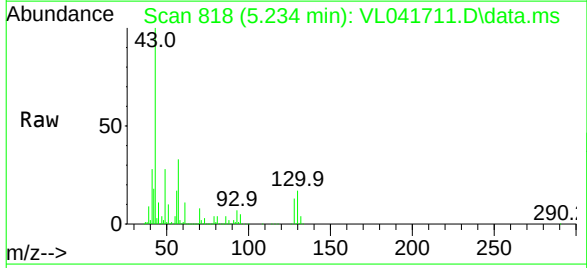
Tgt Ion:	63	Resp:	1253068
Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.8	5.4
100	2.1	1.4	4.2





#25
Ethyl Acetate
Concen: 9.874 ppbv
RT: 5.234 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

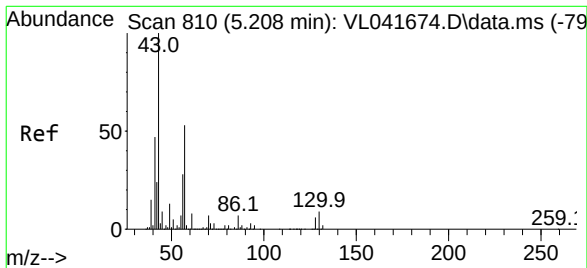
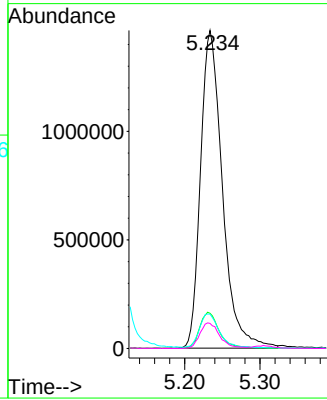
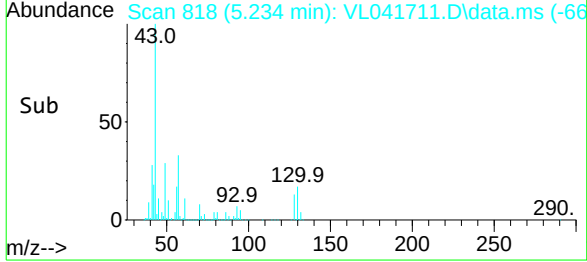


Tgt Ion: 43 Resp: 2952376

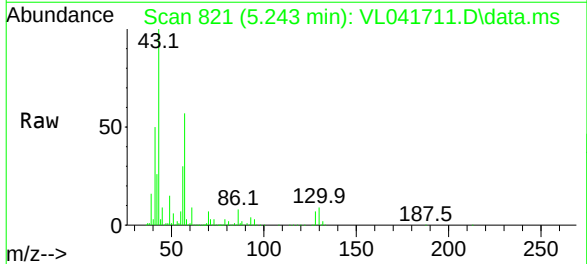
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.6	13.0
61	10.5	8.4	12.6
70	7.4	5.8	8.6

Manual Integrations
APPROVED

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

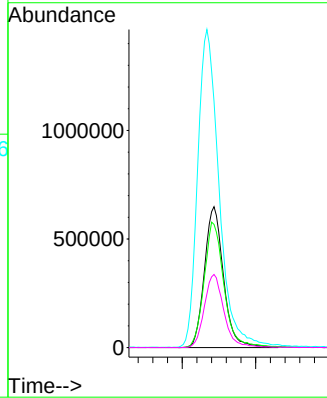
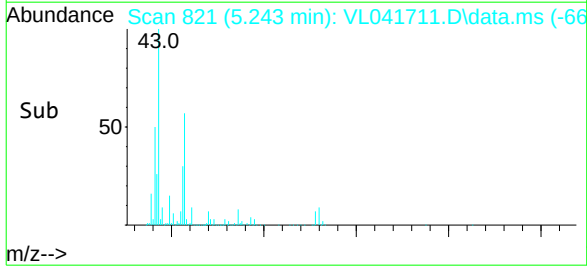


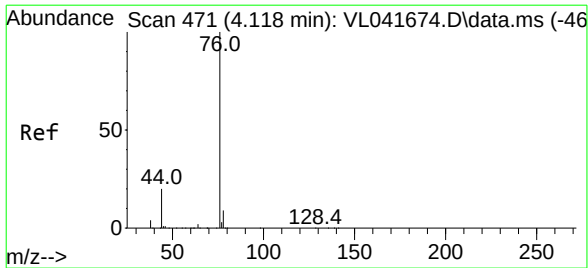
#26
Hexane
Concen: 10.181 ppbv
RT: 5.243 min Scan# 821
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50



Tgt Ion: 57 Resp: 1169502

Ion	Ratio	Lower	Upper
57	100		
41	93.0	76.1	114.1
43	255.2	207.0	310.6
56	53.6	43.7	65.5





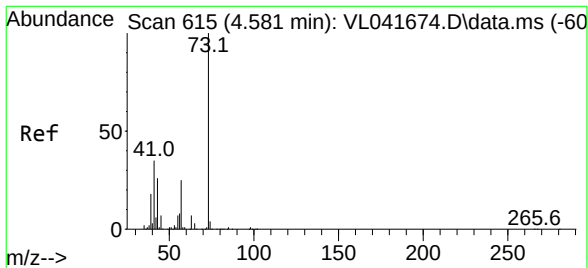
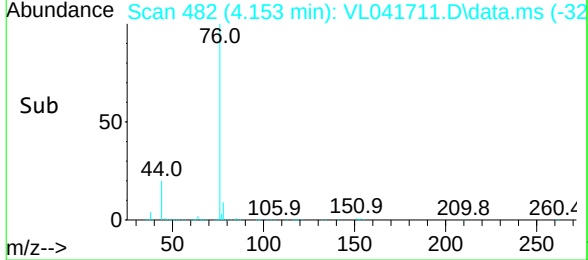
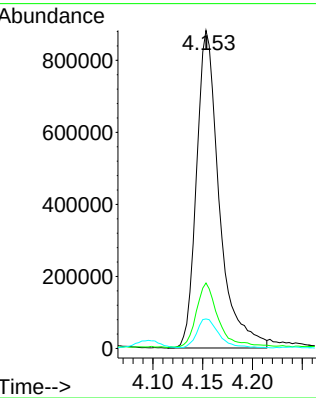
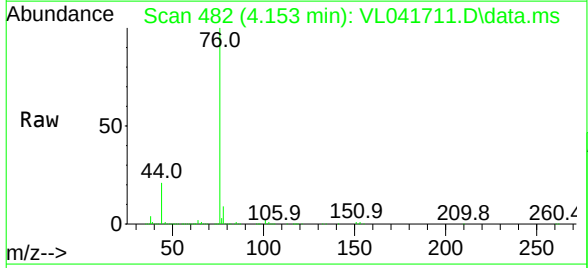
#27
Carbon Disulfide
Concen: 10.871 ppbv
RT: 4.153 min Scan# 481
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1403031
Ion Ratio Lower Upper
76 100
44 20.6 15.8 23.8
78 9.6 7.5 11.3

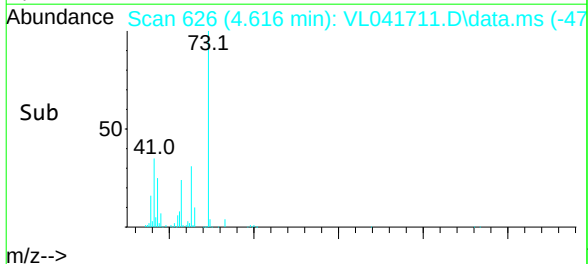
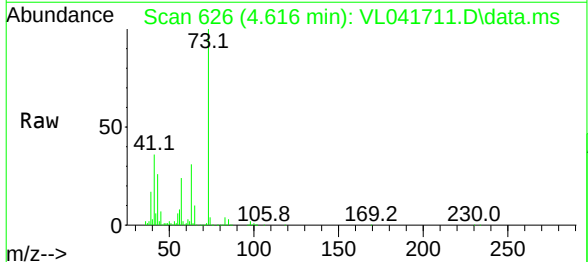
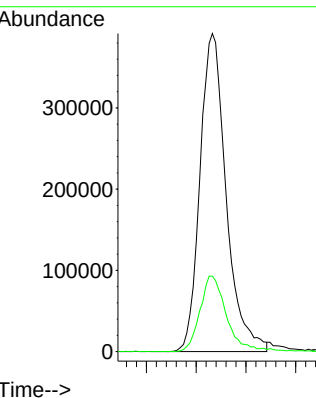
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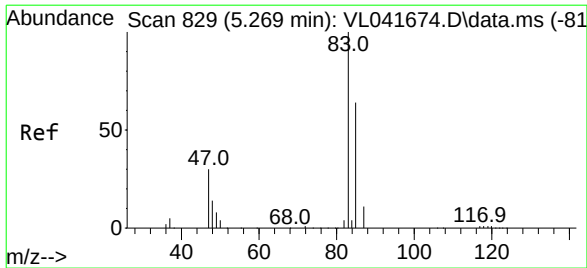
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#28
Methyl tert-Butyl Ether
Concen: 9.668 ppbv
RT: 4.616 min Scan# 626
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion: 73 Resp: 715210
Ion Ratio Lower Upper
73 100
57 24.4 19.6 29.4





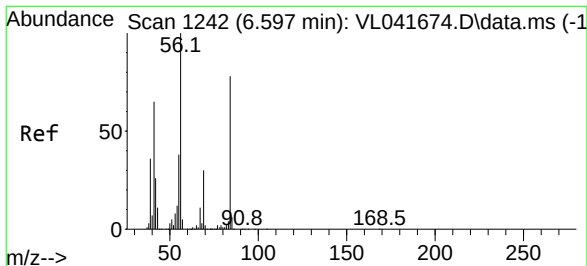
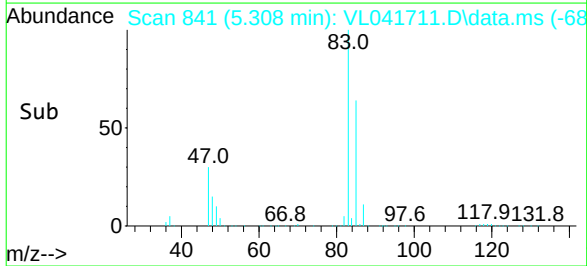
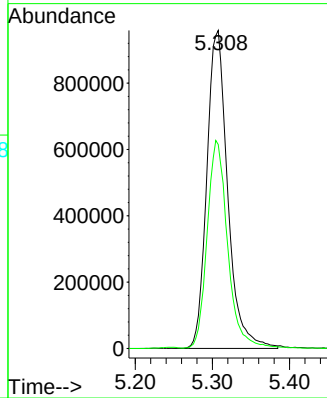
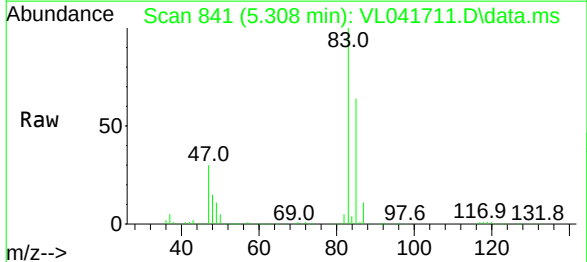
#29
Chloroform
Concen: 9.492 ppbv
RT: 5.308 min Scan# 841
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1799780
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7

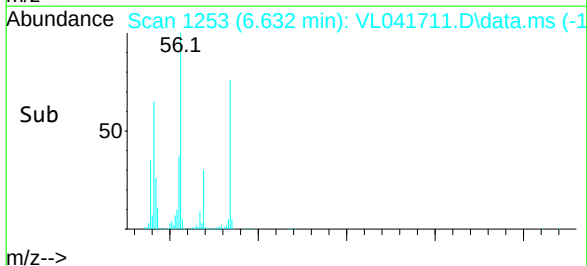
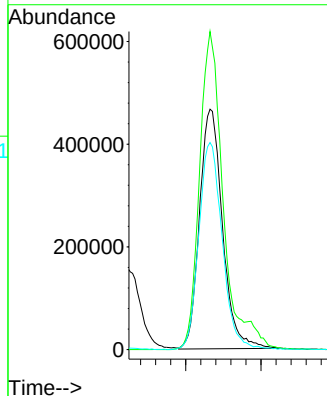
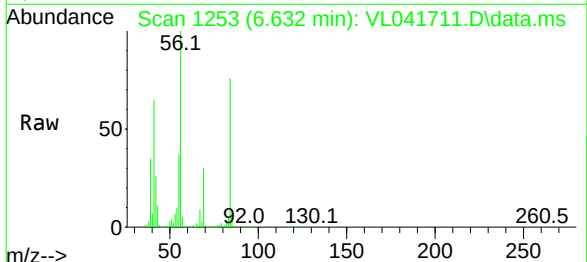
Manual Integrations
APPROVED

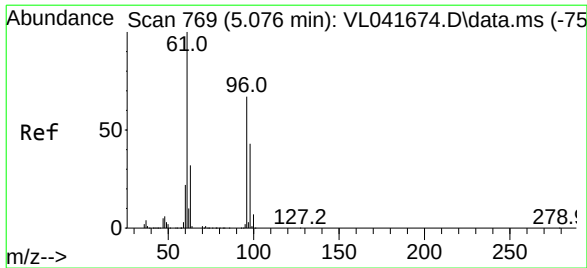
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#30
Cyclohexane
Concen: 10.122 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion: 84 Resp: 990103
Ion Ratio Lower Upper
84 100
56 137.5 110.8 166.2
41 88.2 70.0 105.0





#31

cis-1,2-Dichloroethene

Concen: 10.202 ppbv

RT: 5.108 min Scan# 77

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 61 Resp: 1127435

Ion Ratio Lower Upper

61 100

96 65.2 53.4 80.2

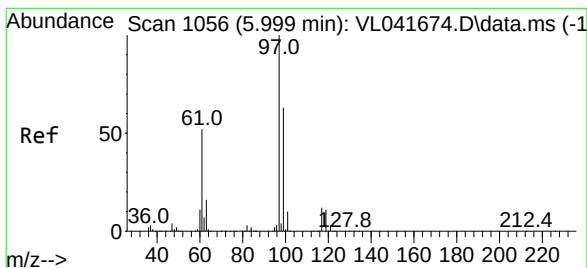
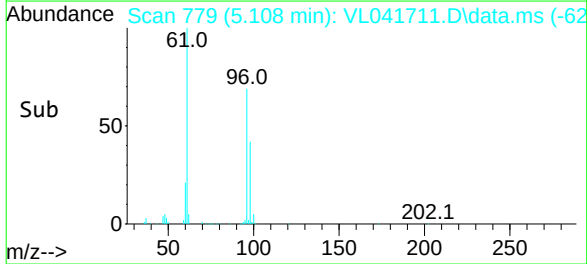
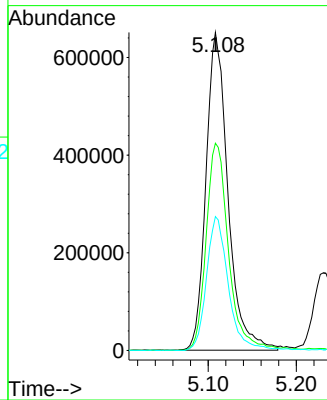
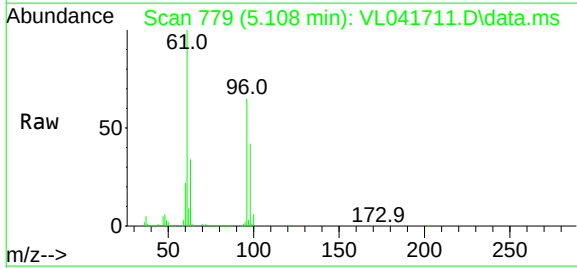
98 42.2 34.0 51.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#32

1,1,1-Trichloroethane

Concen: 10.184 ppbv

RT: 6.034 min Scan# 1067

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

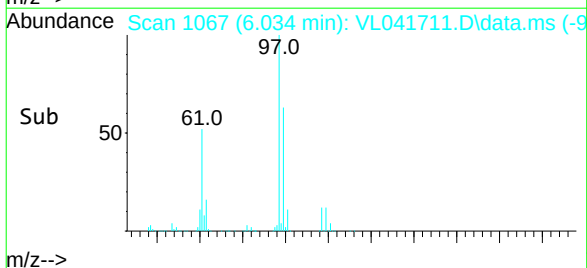
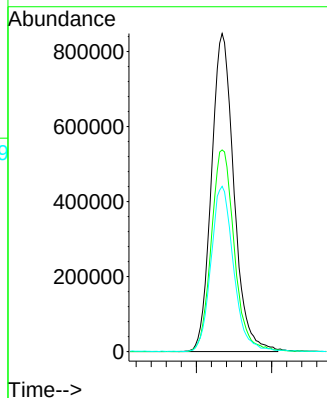
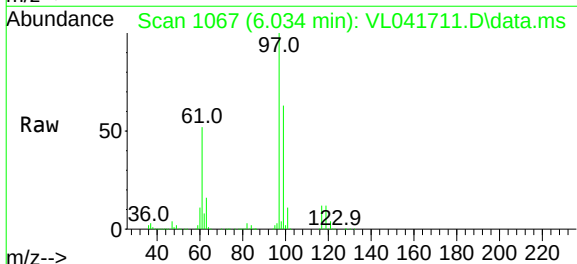
Tgt Ion: 97 Resp: 1761688

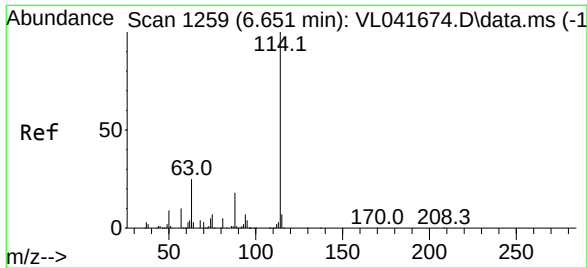
Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.2

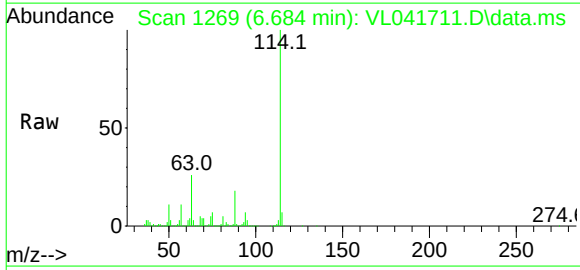
61 52.5 41.7 62.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.684 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

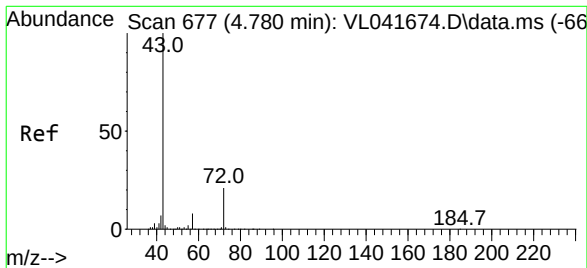
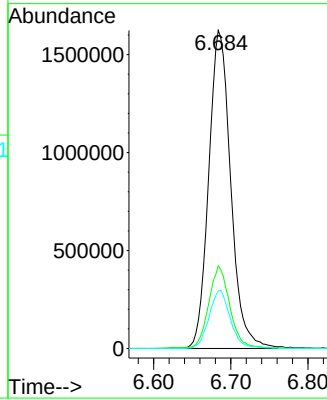
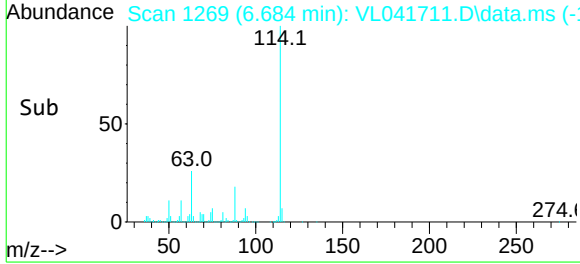
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 114 Resp: 3217567
Ion Ratio Lower Upper
114 100
63 25.0 20.3 30.5
88 17.8 14.2 21.4

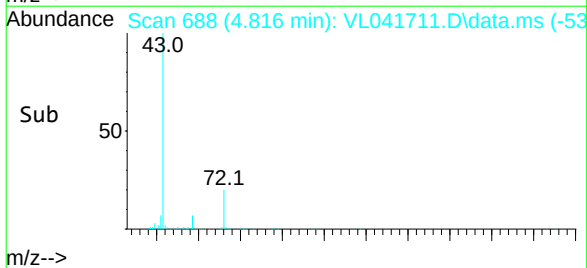
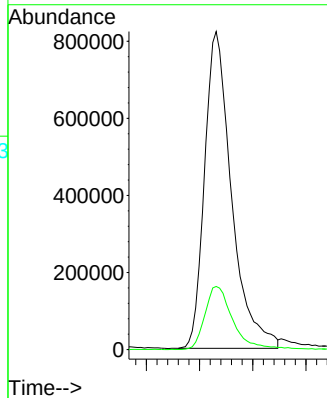
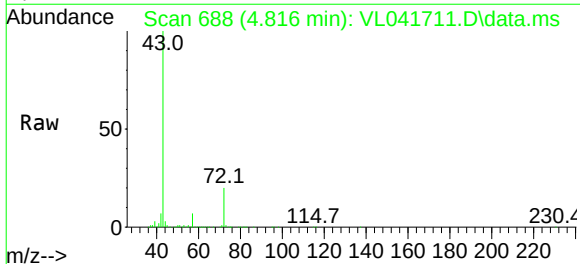
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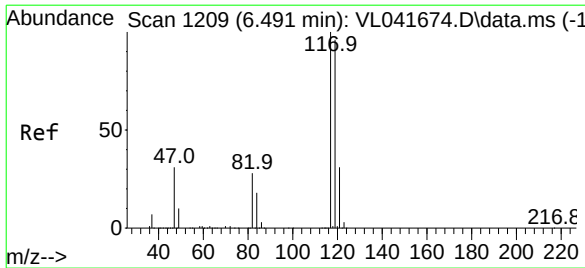
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#34
2-Butanone
Concen: 9.046 ppbv
RT: 4.816 min Scan# 688
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion: 43 Resp: 1449252
Ion Ratio Lower Upper
43 100
72 21.1 17.4 26.0





#35

Carbon Tetrachloride

Concen: 10.764 ppbv

RT: 6.526 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VL041711.D

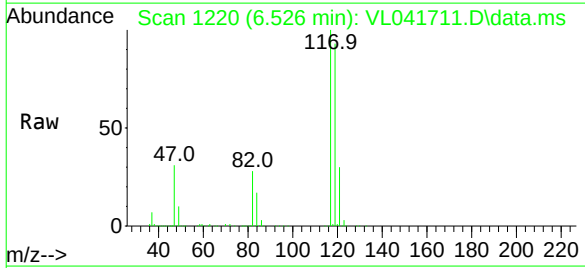
Acq: 21 Nov 2024 8:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 117 Resp: 1827244

Ion Ratio Lower Upper

117 100

119 92.8 77.2 115.8

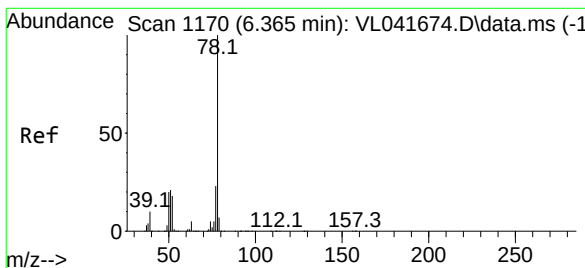
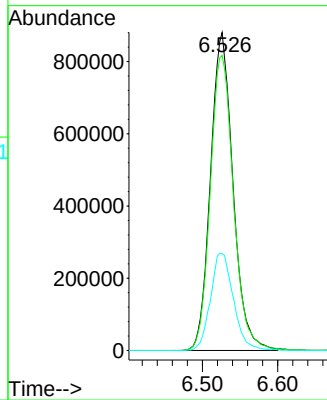
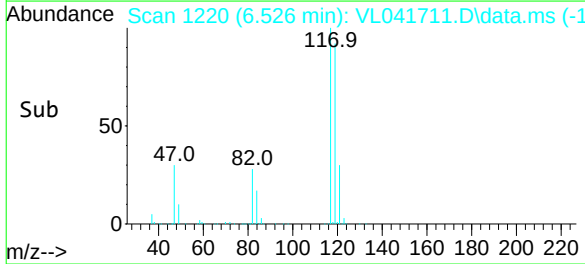
121 30.5 25.0 37.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#36

Benzene

Concen: 10.333 ppbv

RT: 6.401 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

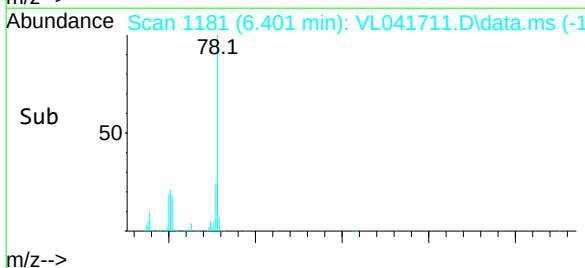
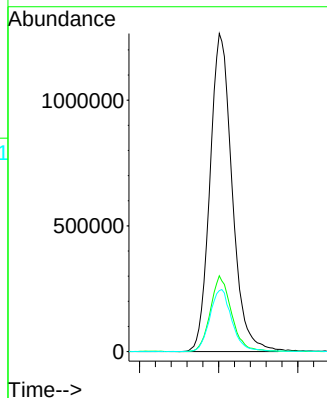
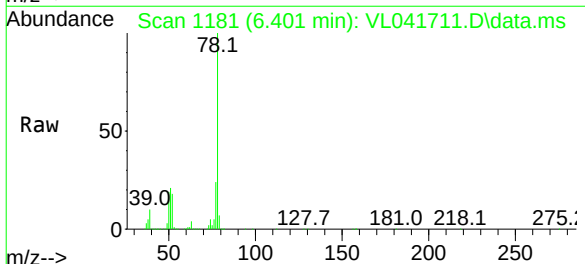
Tgt Ion: 78 Resp: 2463354

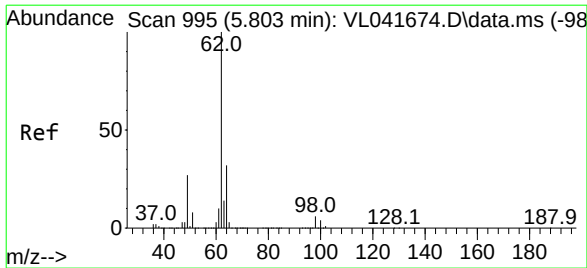
Ion Ratio Lower Upper

78 100

77 23.8 18.5 27.7

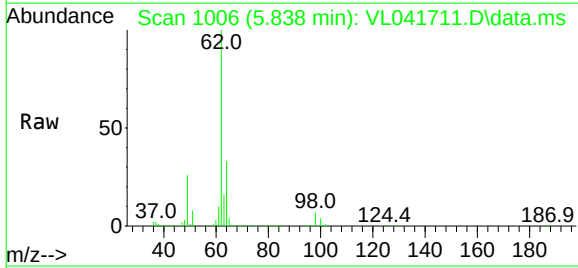
50 19.2 15.6 23.4





#37
1,2-Dichloroethane
Concen: 10.120 ppbv
RT: 5.838 min Scan# 10
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

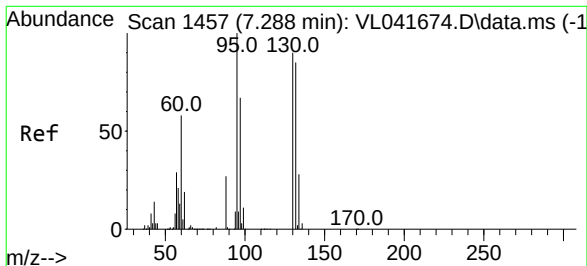
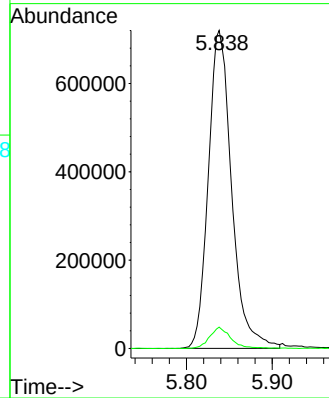
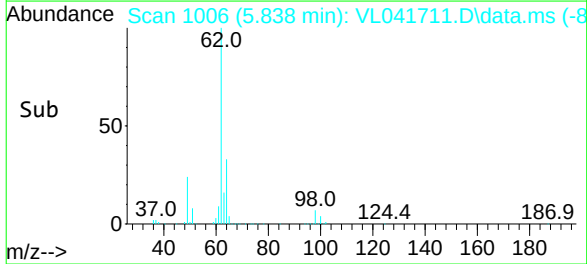
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 1361156
Ion Ratio Lower Upper
62 100
98 6.3 5.2 7.8

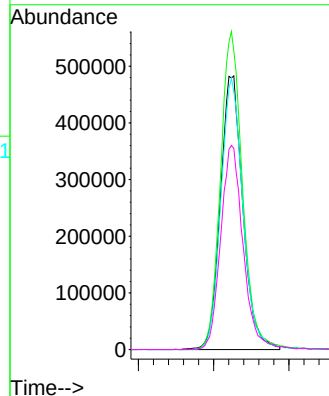
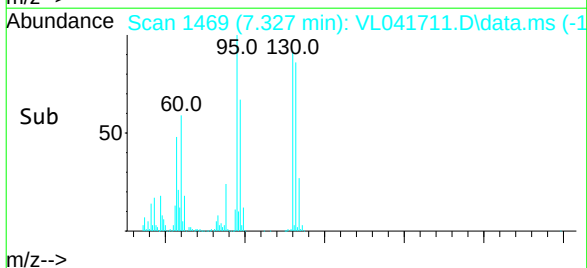
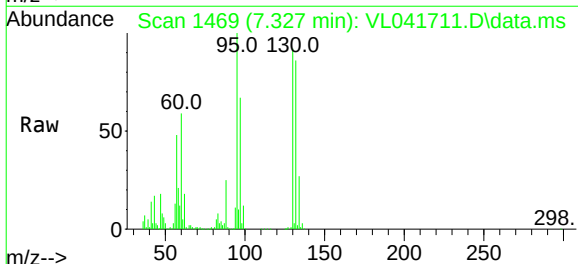
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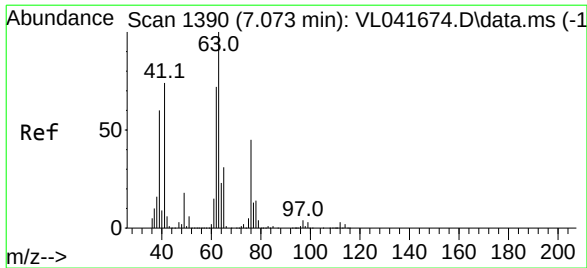
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#38
Trichloroethene
Concen: 10.934 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

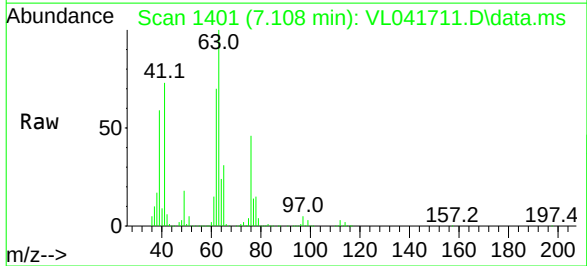
Tgt Ion:130 Resp: 1001170
Ion Ratio Lower Upper
130 100
95 109.2 89.1 133.7
132 94.2 75.7 113.5
97 73.5 60.0 90.0





#39
1,2-Dichloropropane
Concen: 10.045 ppbv
RT: 7.108 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

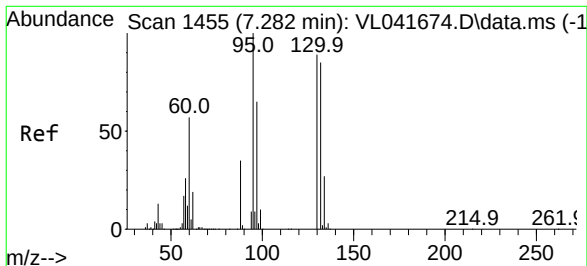
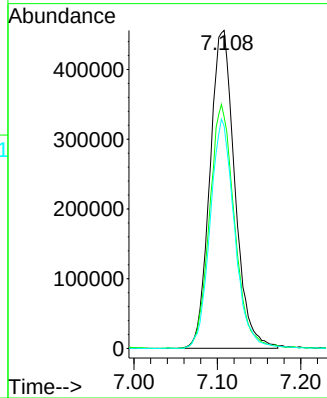
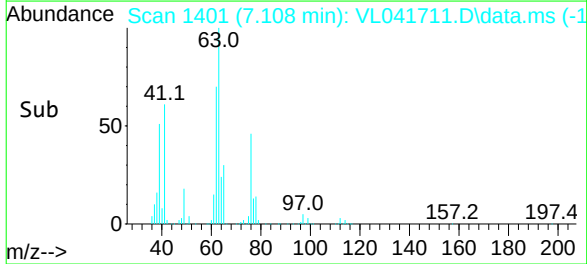
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



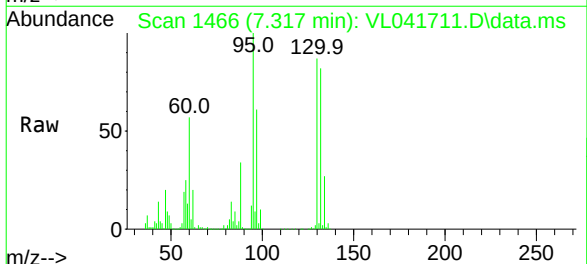
Tgt Ion: 63 Resp: 946394
Ion Ratio Lower Upper
63 100
41 72.8 59.1 88.7
62 69.9 57.7 86.5

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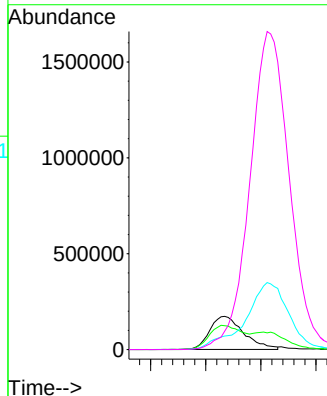
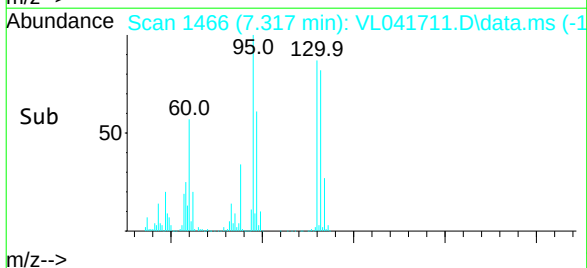
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

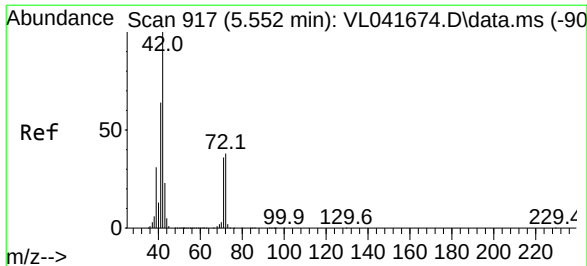


#40
1,4-Dioxane
Concen: 10.936 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50



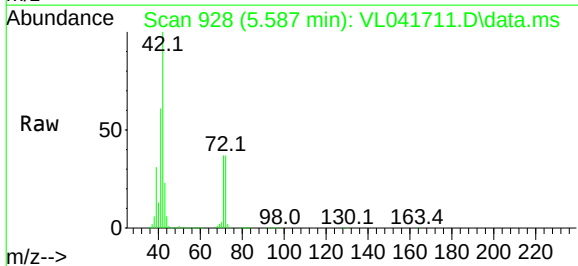
Tgt Ion: 88 Resp: 369652
Ion Ratio Lower Upper
88 100
58 125.9 101.4 152.2
43 0.0 208.0 312.0#
57 0.0 902.9 1354.3#





#41
Tetrahydrofuran
Concen: 11.055 ppbv
RT: 5.587 min Scan# 92
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

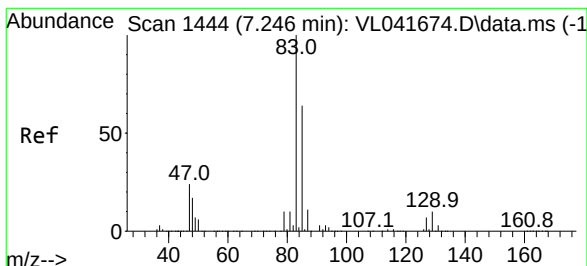
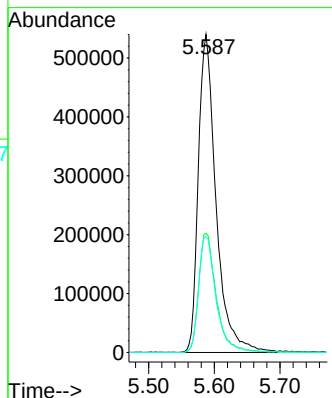
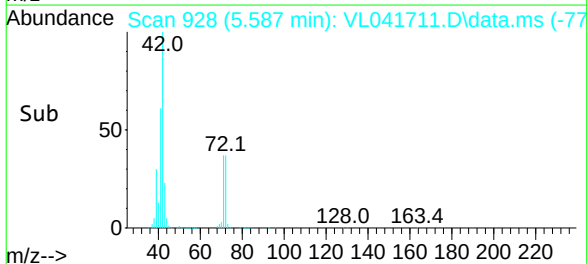
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 1011478
Ion Ratio Lower Upper
42 100
72 37.2 29.8 44.6
71 36.4 29.4 44.2

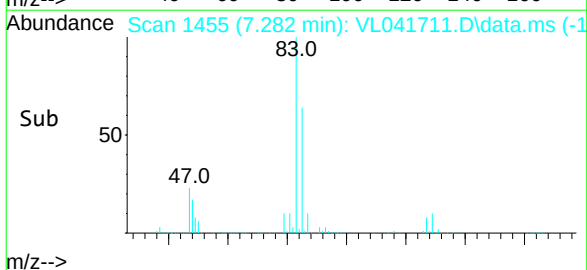
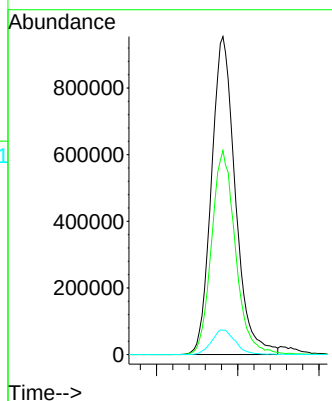
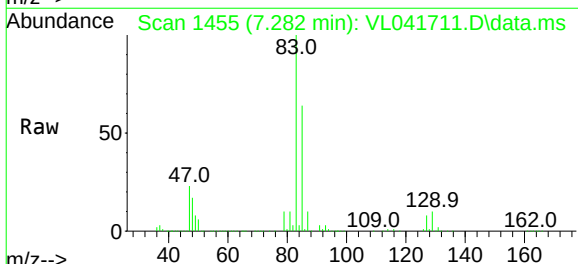
Manual Integrations
APPROVED

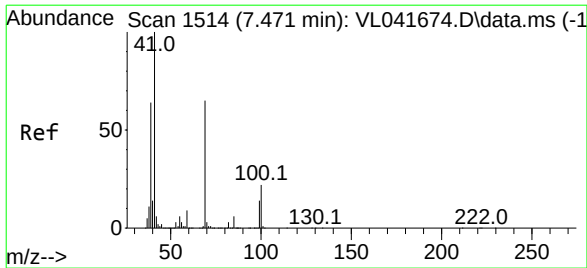
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#42
Bromodichloromethane
Concen: 10.438 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion: 83 Resp: 1950791
Ion Ratio Lower Upper
83 100
85 64.2 51.2 76.8
127 7.7 6.0 9.0





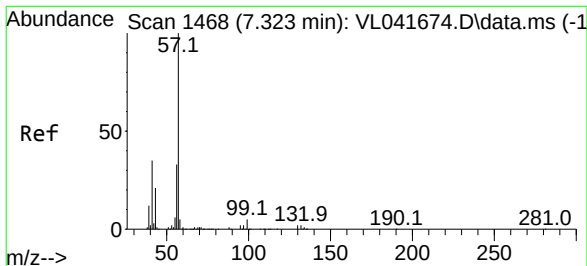
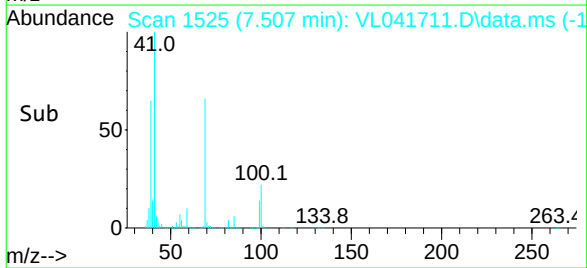
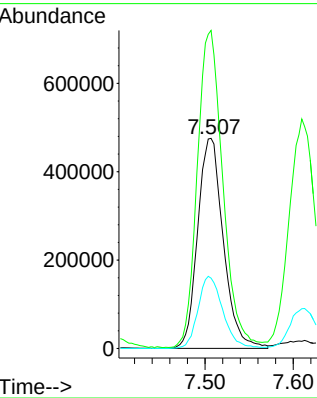
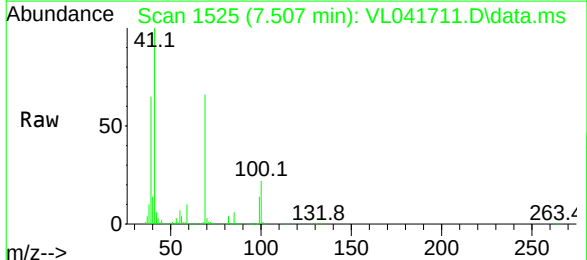
#43
Methyl Methacrylate
Concen: 11.476 ppbv
RT: 7.507 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 960580
Ion Ratio Lower Upper
69 100
41 150.9 119.8 179.6
100 33.3 27.3 40.9

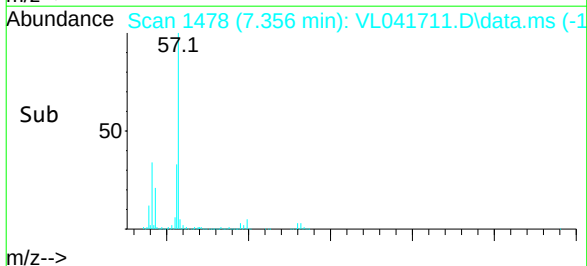
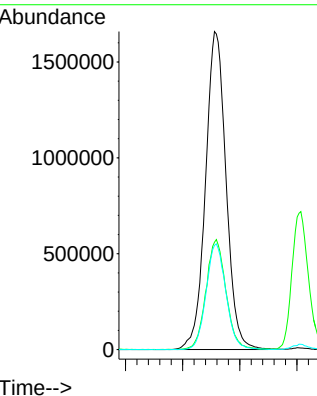
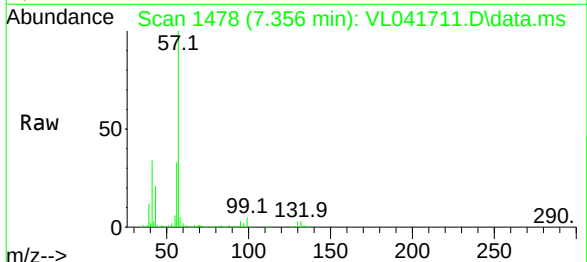
Manual Integrations
APPROVED

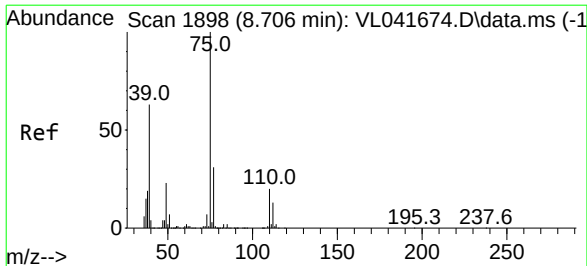
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#44
2,2,4-Trimethylpentane
Concen: 10.251 ppbv
RT: 7.356 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion: 57 Resp: 4139526
Ion Ratio Lower Upper
57 100
41 33.7 27.0 40.6
56 32.2 25.8 38.6





#45

t-1,3-Dichloropropene

Concen: 12.329 ppbv

RT: 8.741 min Scan# 19

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

Tgt Ion: 75 Resp: 943007

Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

Instrument :

MSVOA_L

ClientSampleId :

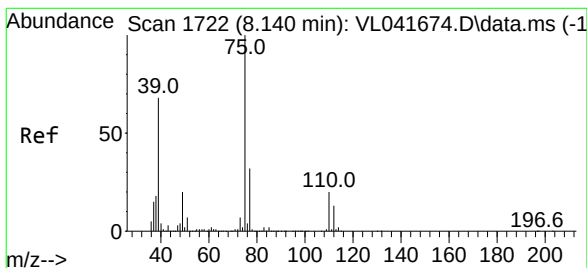
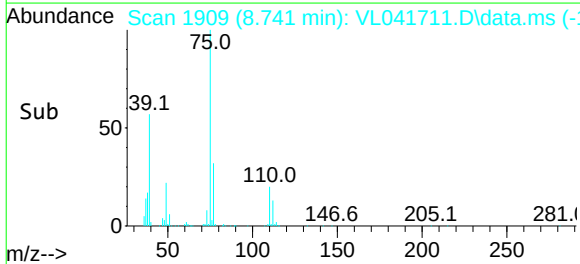
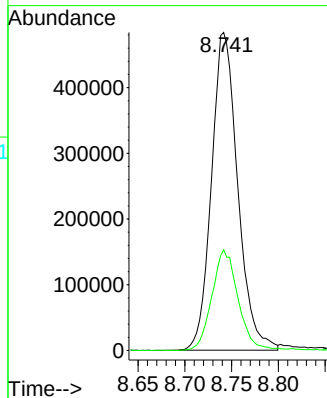
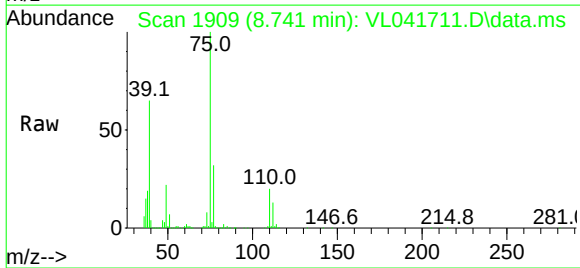
VSTDCCC010

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#46

cis-1,3-Dichloropropene

Concen: 11.647 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

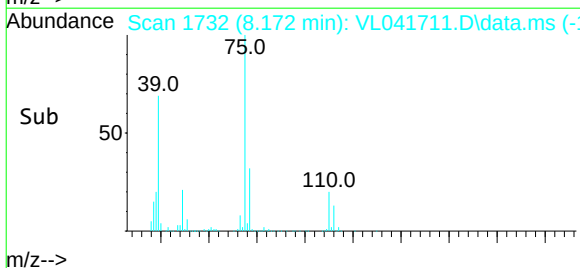
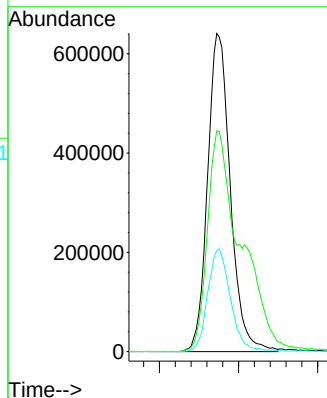
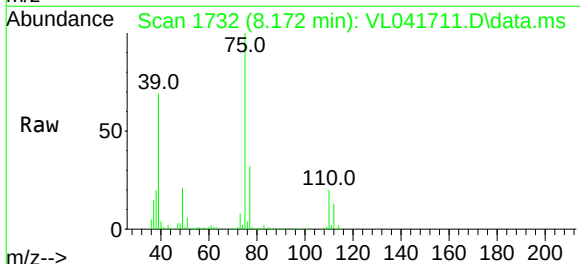
Tgt Ion: 75 Resp: 1279587

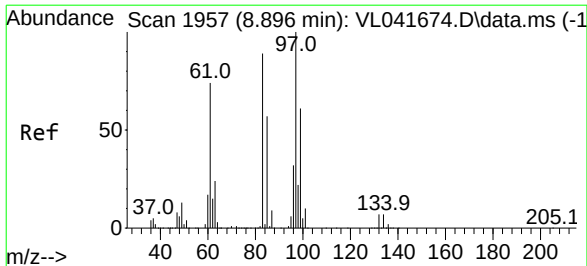
Ion Ratio Lower Upper

75 100

39 69.4 54.1 81.1

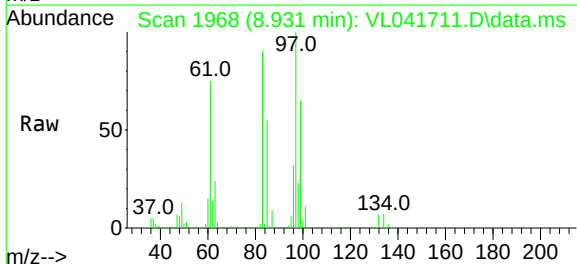
77 31.8 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 9.898 ppbv
RT: 8.931 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

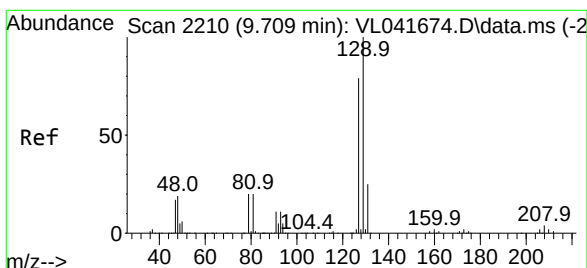
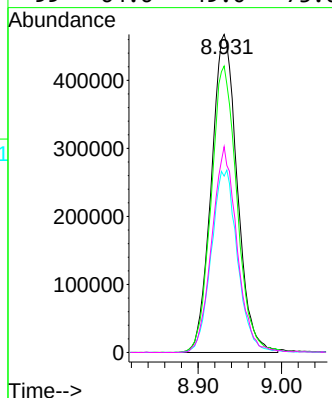
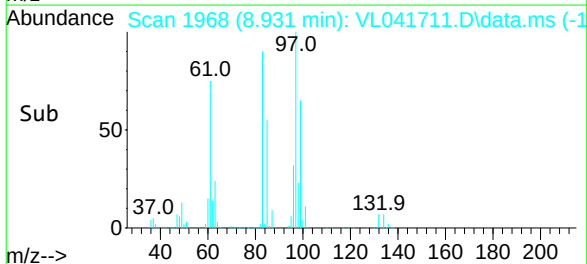
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 1009245
Ion Ratio Lower Upper
97 100
83 90.0 71.0 106.6
85 55.5 45.4 68.2
99 64.6 49.0 73.6

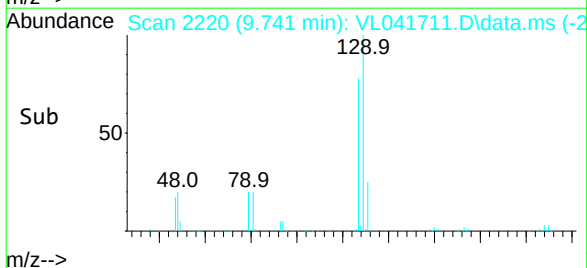
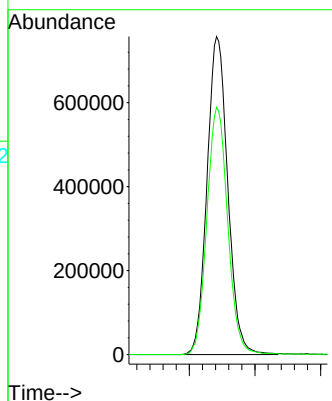
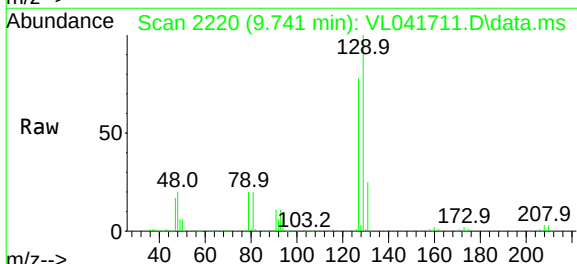
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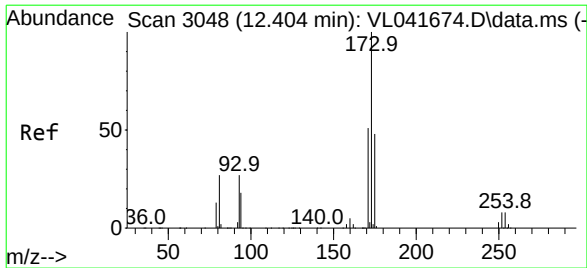
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#48
Dibromochloromethane
Concen: 10.722 ppbv
RT: 9.741 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion:129 Resp: 1661895
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2





#49

Bromoform

Concen: 11.079 ppbv

RT: 12.439 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 173 Resp: 1469304

Ion Ratio Lower Upper

173 100

175 49.5 39.2 58.8

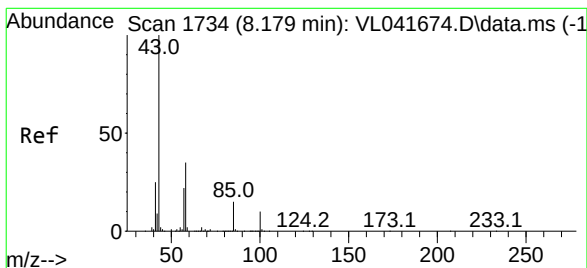
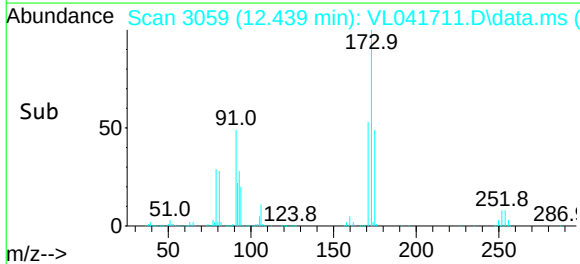
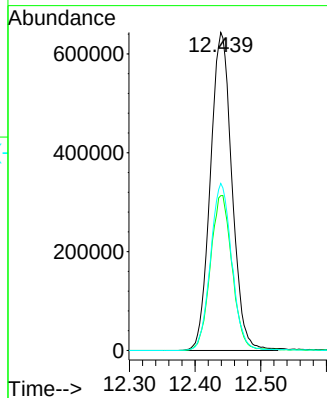
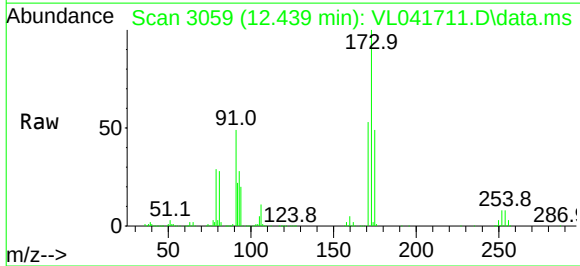
171 52.2 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#50

4-Methyl-2-Pentanone

Concen: 10.787 ppbv

RT: 8.211 min Scan# 1744

Delta R.T. 0.000 min

Lab File: VL041711.D

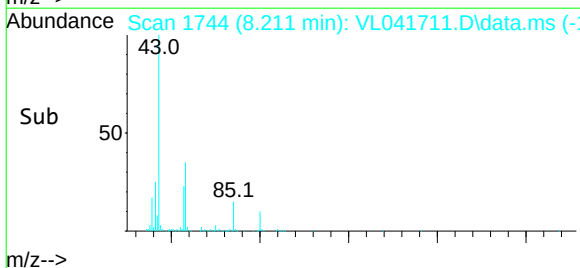
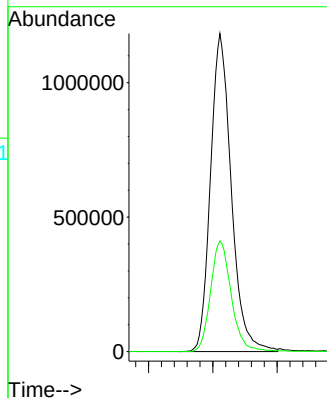
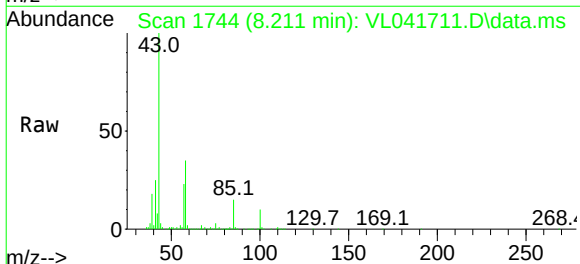
Acq: 21 Nov 2024 8:50

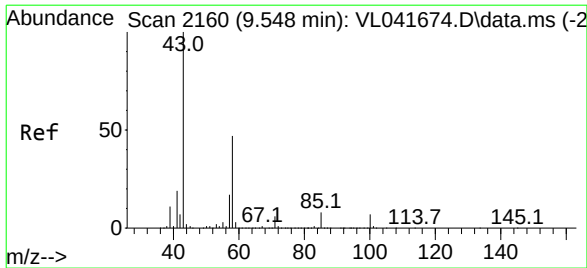
Tgt Ion: 43 Resp: 2653020

Ion Ratio Lower Upper

43 100

58 34.8 27.7 41.5





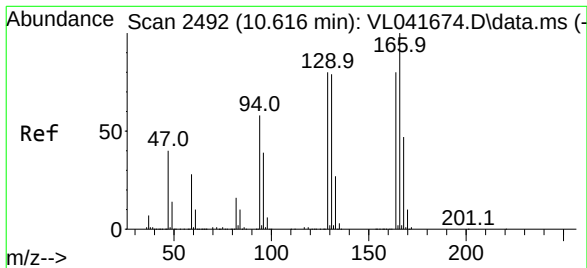
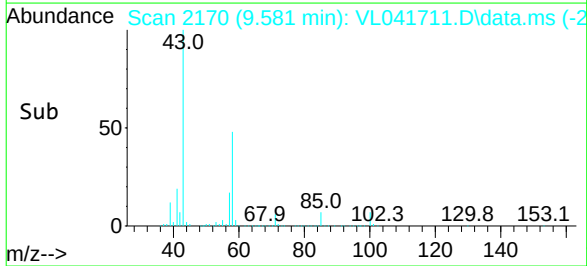
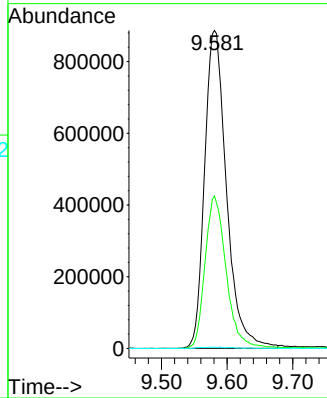
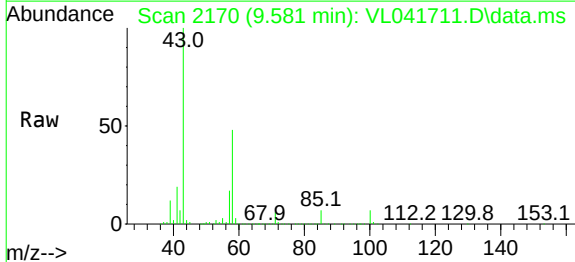
#51
2-Hexanone
Concen: 11.460 ppbv
RT: 9.581 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2052626
Ion Ratio Lower Upper
43 100
58 46.8 37.0 55.6
98 0.6 0.6 0.8

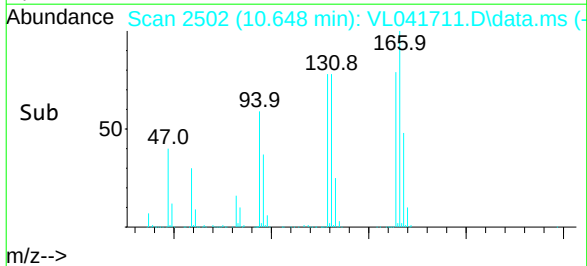
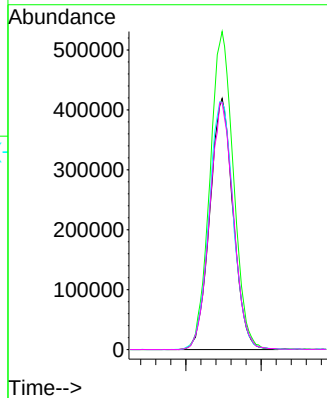
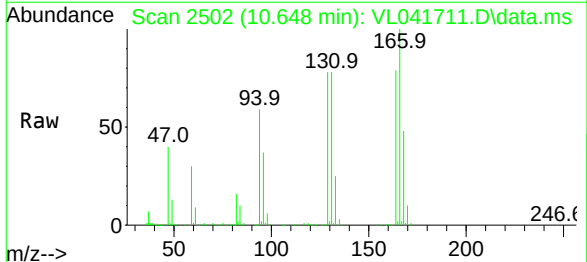
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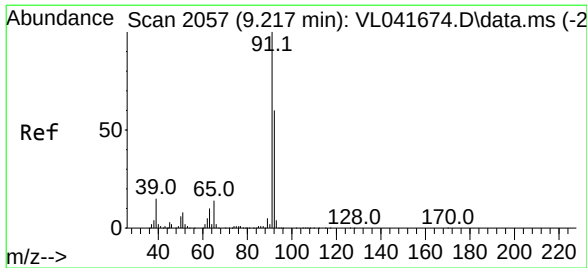
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#52
Tetrachloroethene
Concen: 11.127 ppbv
RT: 10.648 min Scan# 2502
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

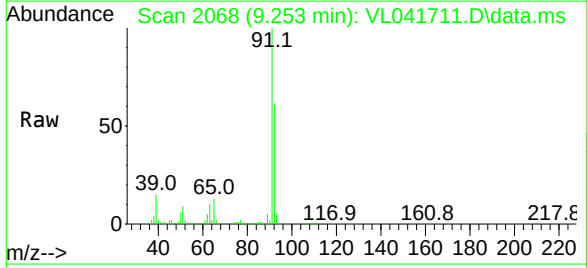
Tgt Ion:164 Resp: 903960
Ion Ratio Lower Upper
164 100
166 126.5 100.2 150.4
129 98.3 79.7 119.5
131 98.3 79.0 118.4





#53
Toluene
Concen: 11.317 ppbv
RT: 9.253 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

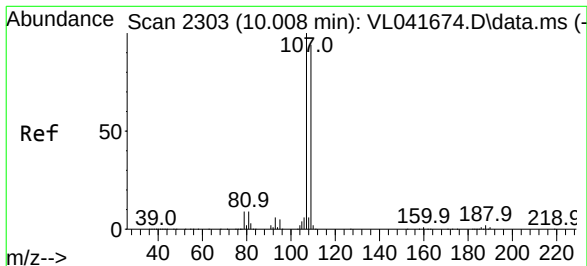
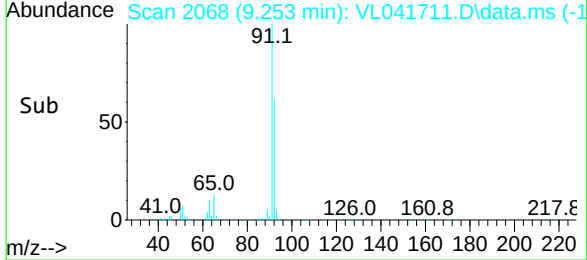
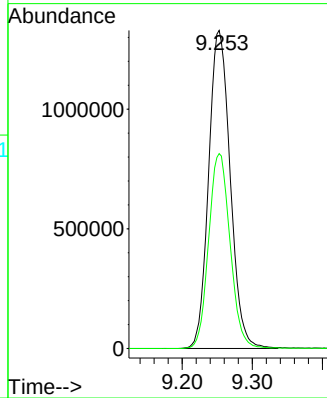
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 2837342
Ion Ratio Lower Upper
91 100
92 61.0 49.0 73.4

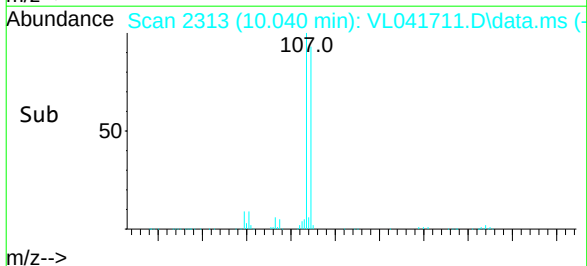
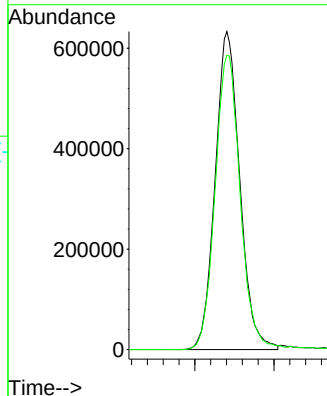
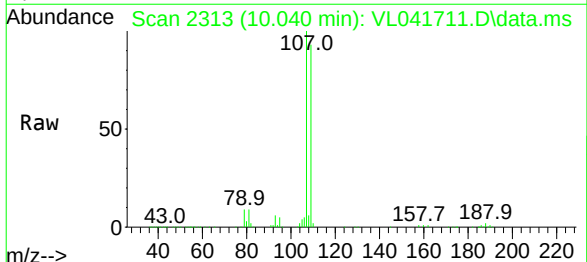
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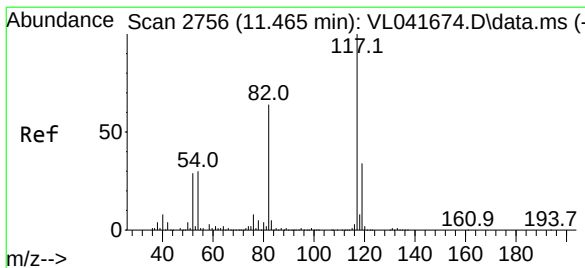
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#54
1,2-Dibromoethane
Concen: 11.480 ppbv
RT: 10.040 min Scan# 2313
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion:107 Resp: 1367674
Ion Ratio Lower Upper
107 100
109 92.6 74.9 112.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.497 min Scan# 2756

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 2996508

Ion Ratio Lower Upper

117 100

82 64.1 49.8 74.8

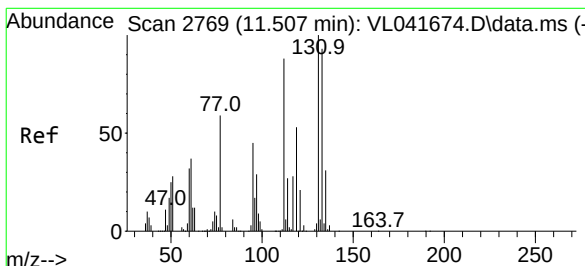
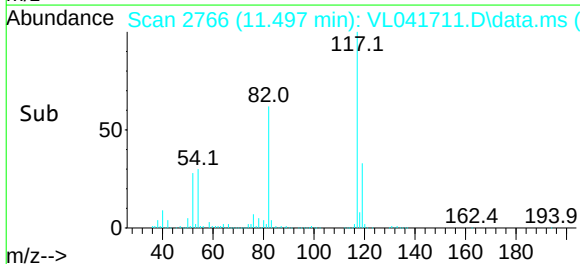
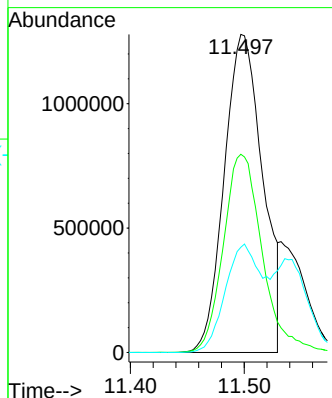
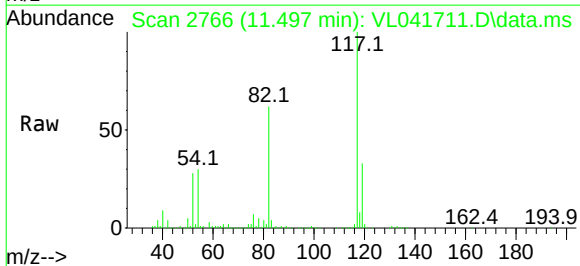
119 29.6 24.2 36.4

Manual Integrations

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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: 10.140 ppbv

RT: 11.539 min Scan# 2779

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

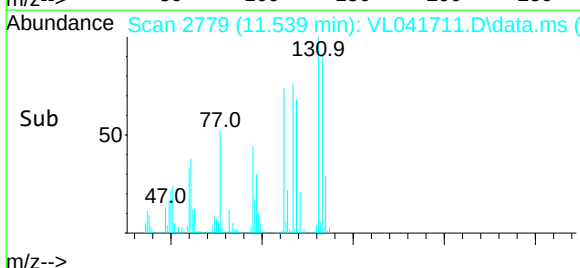
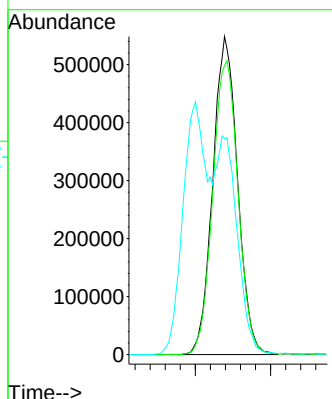
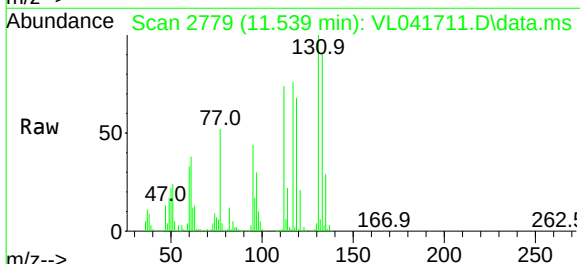
Tgt Ion:131 Resp: 1253171

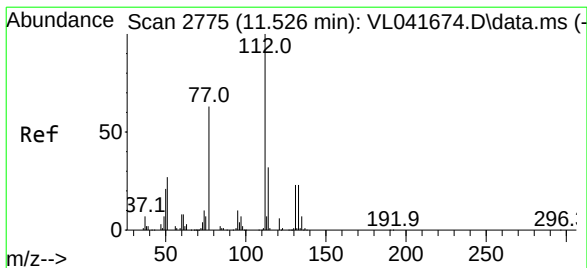
Ion Ratio Lower Upper

131 100

133 94.8 76.5 114.7

119 64.6 49.8 74.8





#57

Chlorobenzene

Concen: 9.937 ppbv

RT: 11.558 min Scan# 27

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 2202336

Ion Ratio Lower Upper

112 100

77 65.7 51.4 77.2

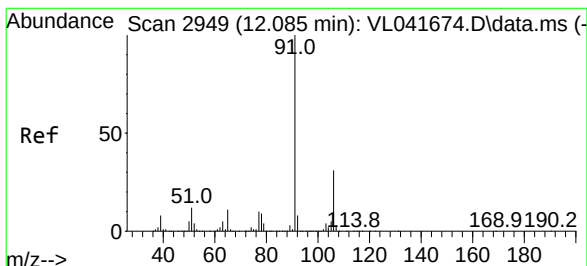
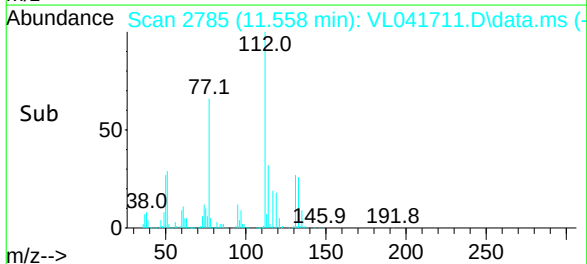
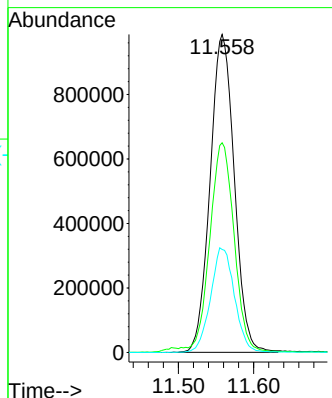
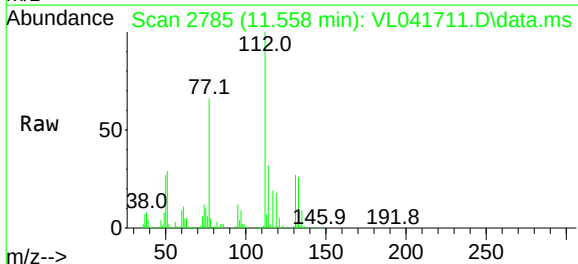
114 32.3 28.4 34.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#58

Ethyl Benzene

Concen: 11.592 ppbv

RT: 12.121 min Scan# 2960

Delta R.T. 0.000 min

Lab File: VL041711.D

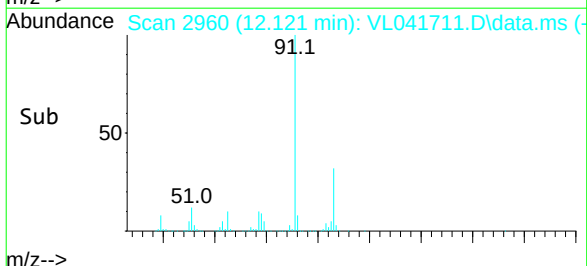
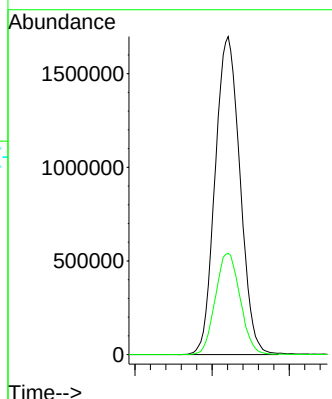
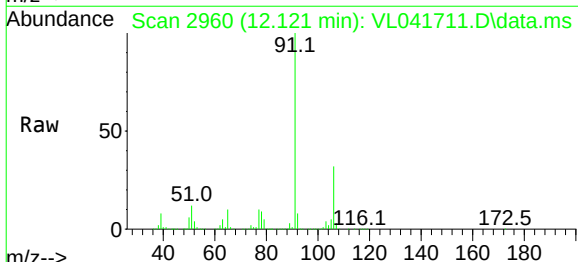
Acq: 21 Nov 2024 8:50

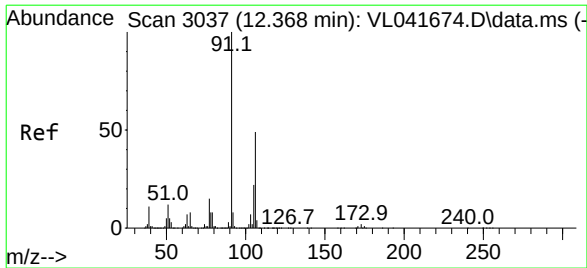
Tgt Ion: 91 Resp: 3808048

Ion Ratio Lower Upper

91 100

106 31.8 24.9 37.3





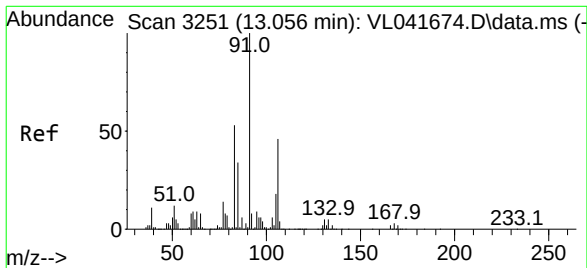
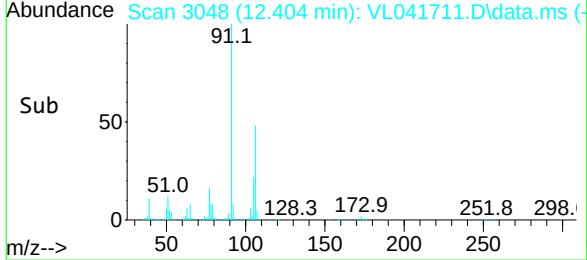
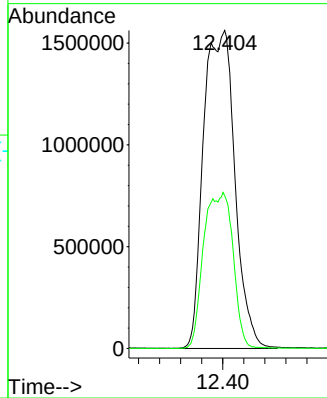
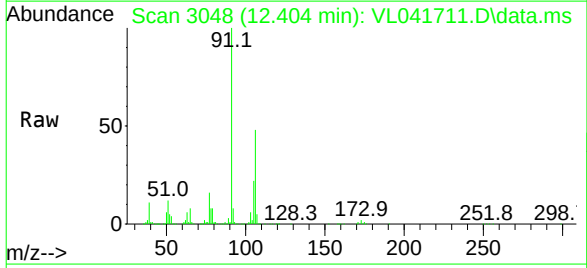
#59
m/p-Xylene
Concen: 21.958 ppbv m
RT: 12.404 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 6459706
Ion Ratio Lower Upper
91 100
106 46.0 36.9 55.3

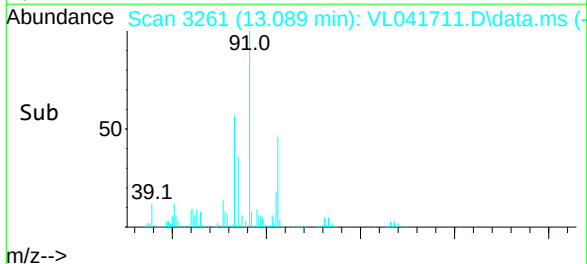
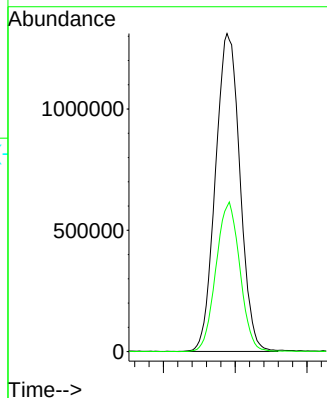
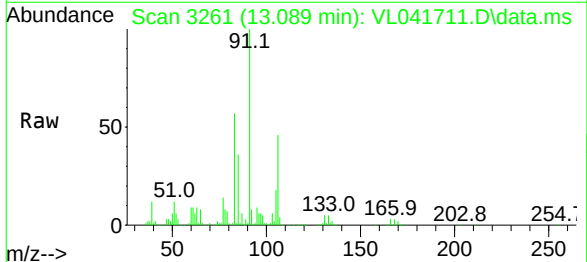
Manual Integrations
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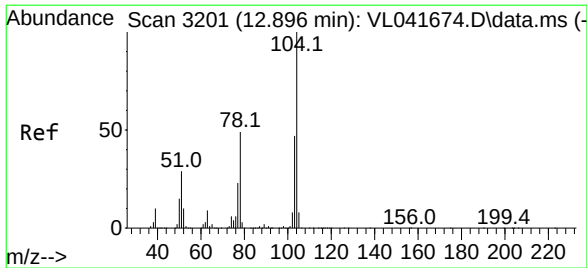
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#60
o-Xylene
Concen: 11.080 ppbv
RT: 13.089 min Scan# 3261
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion: 91 Resp: 3108102
Ion Ratio Lower Upper
91 100
106 45.9 23.2 69.6





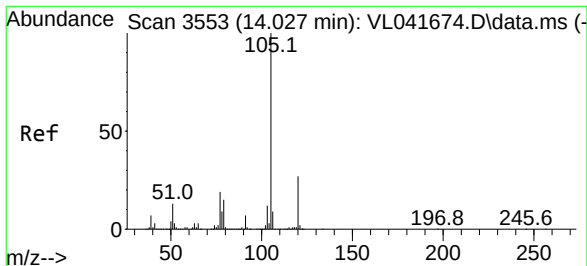
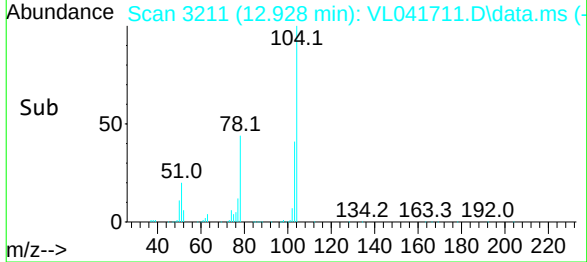
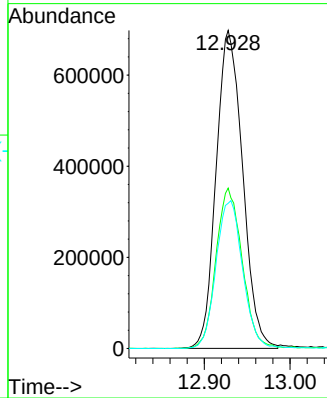
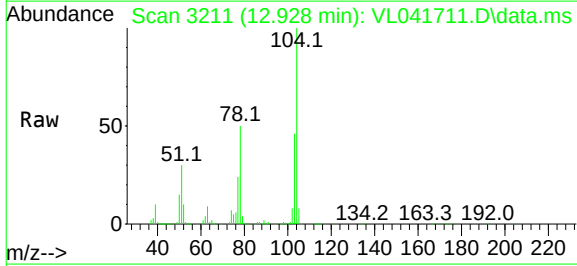
#61
Styrene
Concen: 12.940 ppbv
RT: 12.928 min Scan# 3201
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1498189
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.8
103 47.1 37.4 56.0

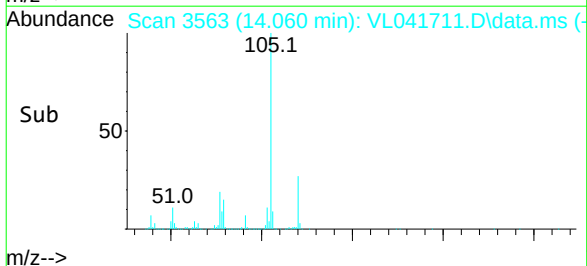
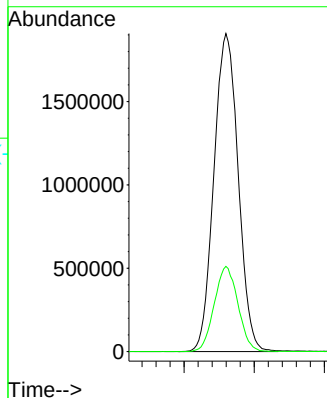
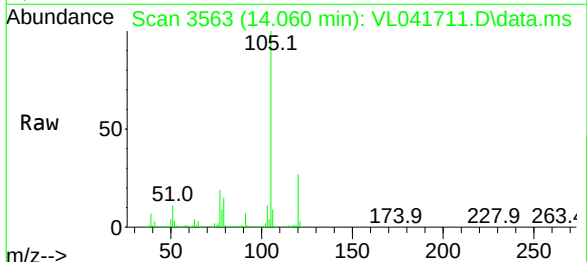
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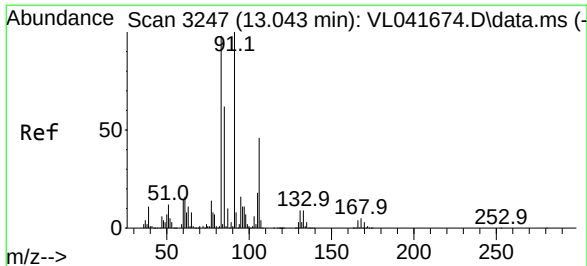
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#62
Isopropylbenzene
Concen: 10.583 ppbv
RT: 14.060 min Scan# 3563
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion:105 Resp: 4585032
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7





#63

1,1,2,2-Tetrachloroethane

Concen: 10.448 ppbv

RT: 13.079 min Scan# 32

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 2155854

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

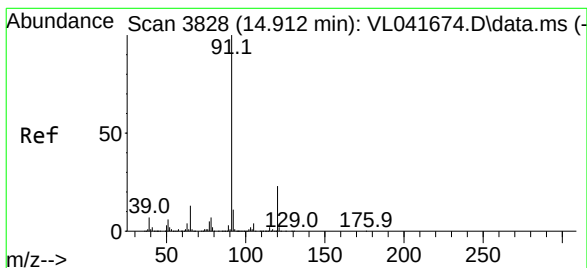
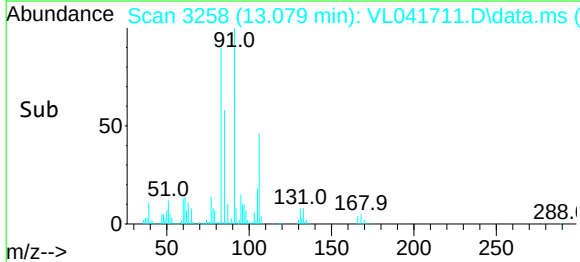
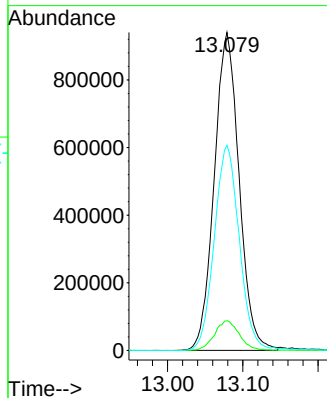
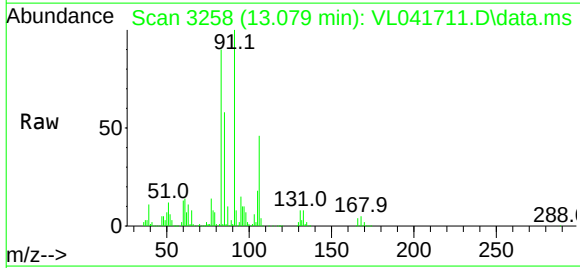
85 65.4 32.6 98.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#64

n-propylbenzene

Concen: 10.961 ppbv

RT: 14.944 min Scan# 3838

Delta R.T. 0.000 min

Lab File: VL041711.D

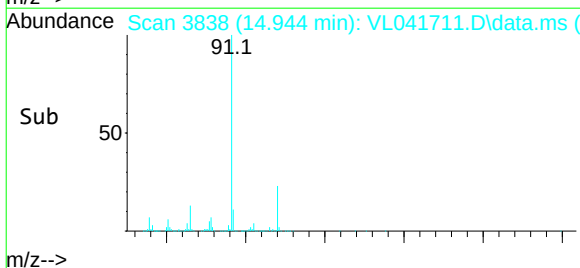
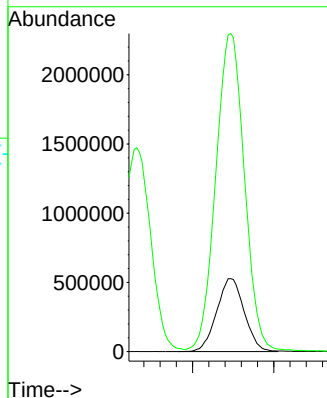
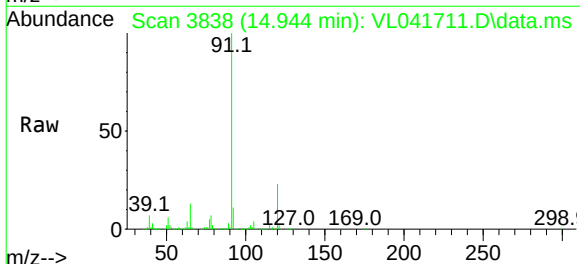
Acq: 21 Nov 2024 8:50

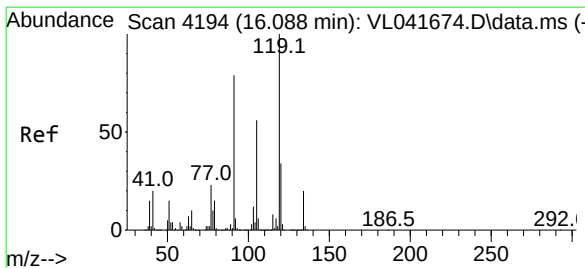
Tgt Ion:120 Resp: 1243110

Ion Ratio Lower Upper

120 100

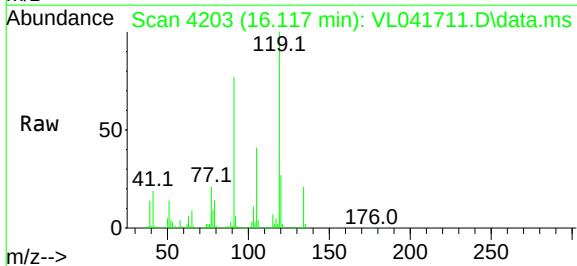
91 454.7 362.4 543.6





#65
tert-Butylbenzene
Concen: 10.510 ppbv
RT: 16.117 min Scan# 4278
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

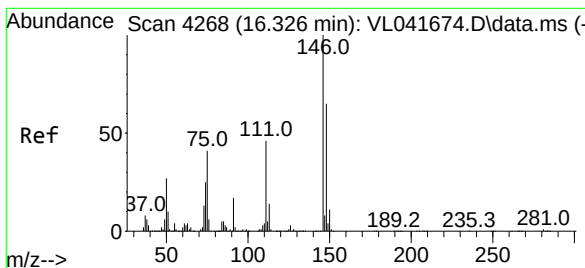
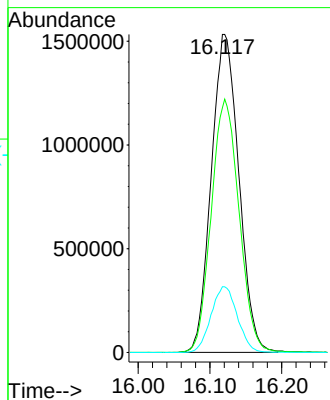
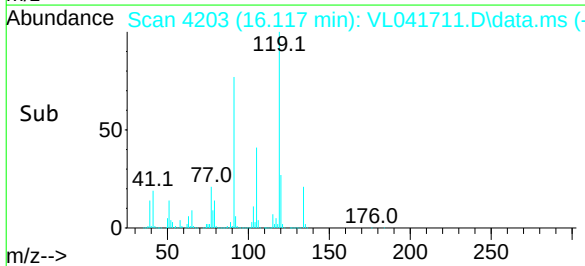
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 119 Resp: 4092301
Ion Ratio Lower Upper
119 100
91 80.5 64.3 96.5
134 19.8 15.8 23.8

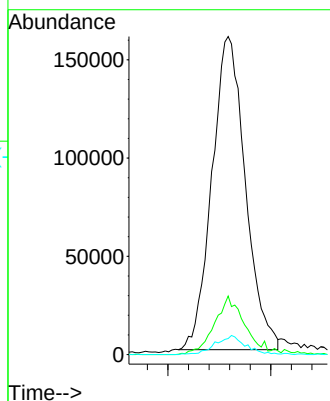
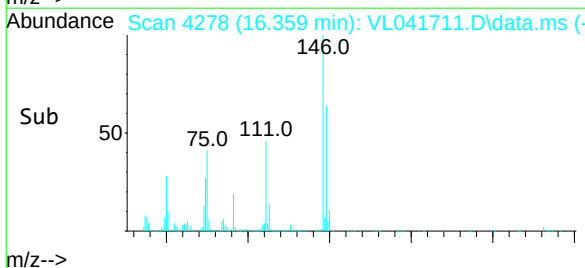
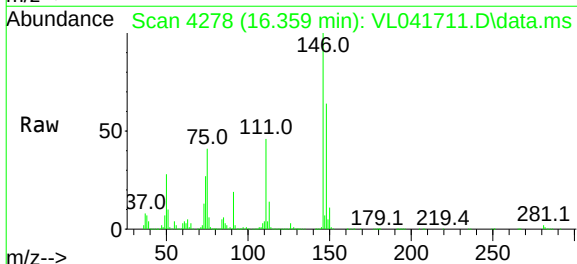
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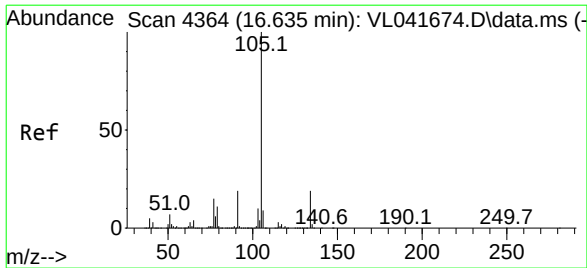
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#66
Benzyl Chloride
Concen: 12.031 ppbv
RT: 16.359 min Scan# 4278
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion: 91 Resp: 360391
Ion Ratio Lower Upper
91 100
126 17.8 13.8 20.6
128 5.6 4.3 6.5





#67

sec-Butylbenzene

Concen: 10.510 ppbv

RT: 16.667 min Scan# 43

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 5768247

Ion Ratio Lower Upper

105 100

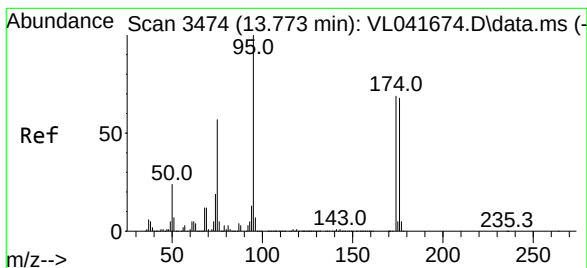
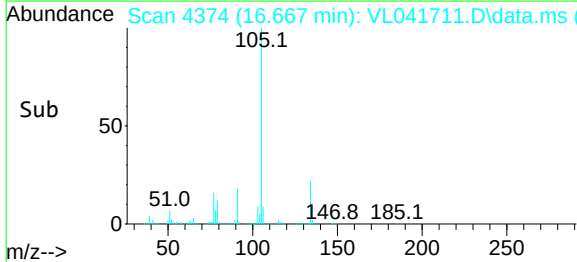
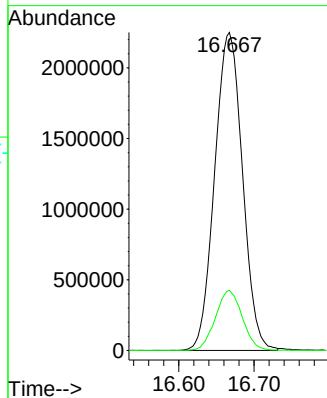
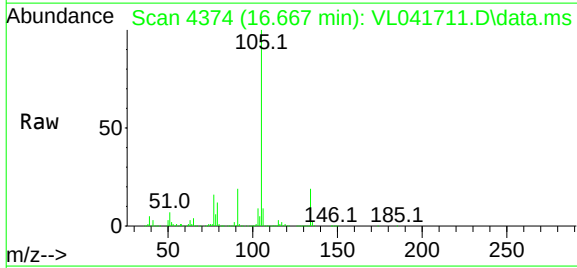
134 18.3 14.6 22.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.223 ppbv

RT: 13.806 min Scan# 3484

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

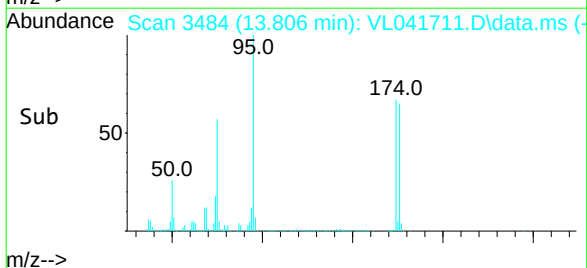
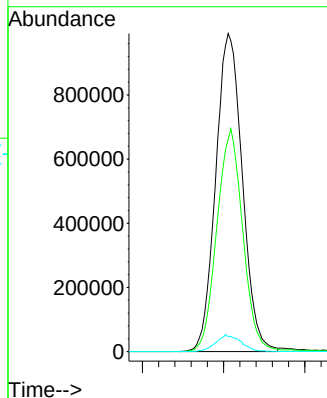
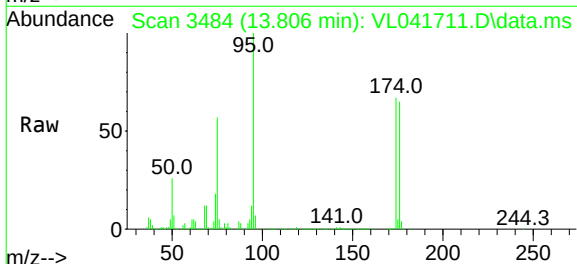
Tgt Ion: 95 Resp: 2257188

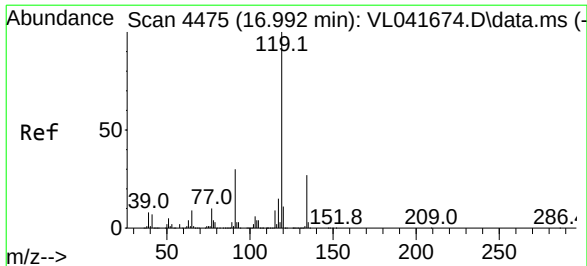
Ion Ratio Lower Upper

95 100

174 68.7 55.6 83.4

175 5.1 4.2 6.2





#69

p-Isopropyltoluene

Concen: 10.847 ppbv

RT: 17.027 min Scan# 44

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 4812497

Ion Ratio Lower Upper

119 100

134 25.7 20.8 31.2

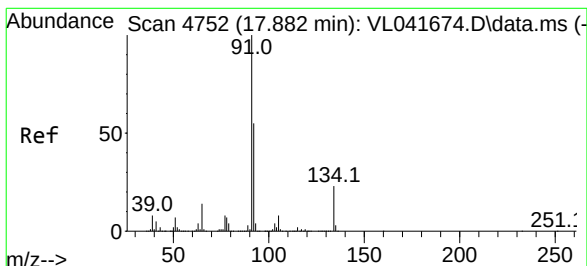
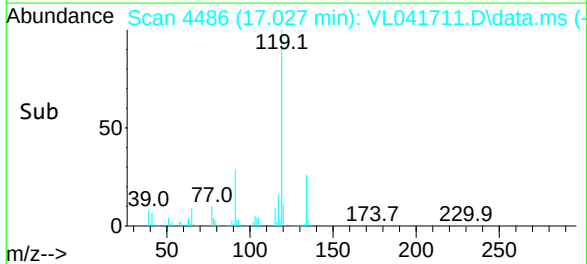
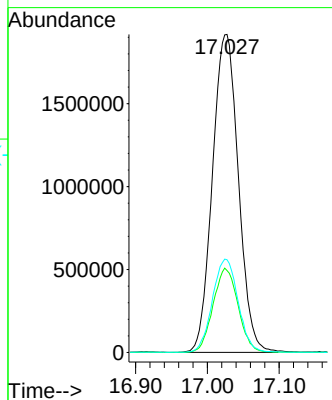
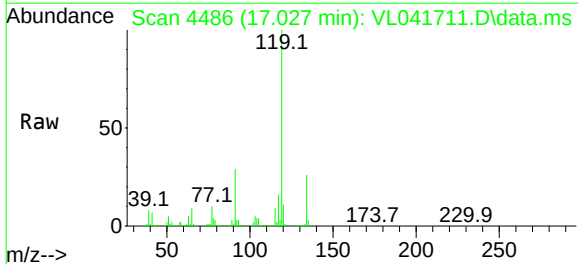
91 28.9 23.2 34.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#70

n-Butylbenzene

Concen: 10.930 ppbv

RT: 17.918 min Scan# 4763

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

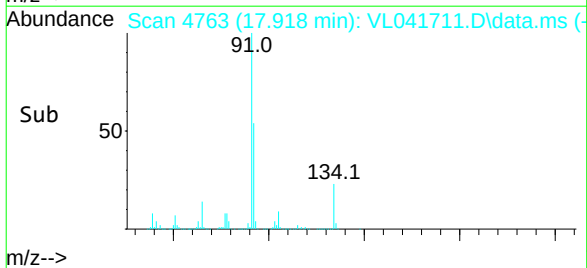
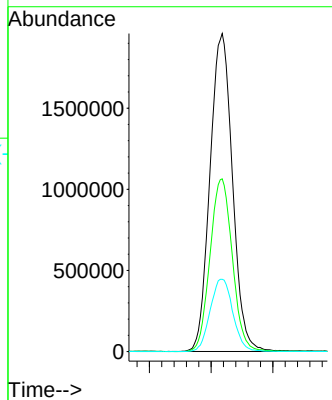
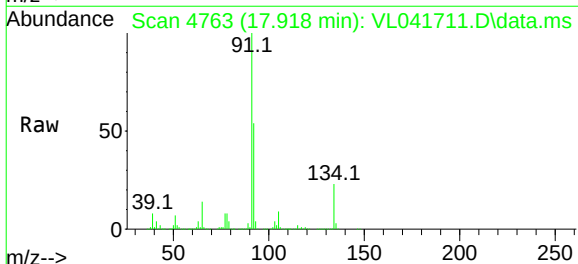
Tgt Ion: 91 Resp: 4962014

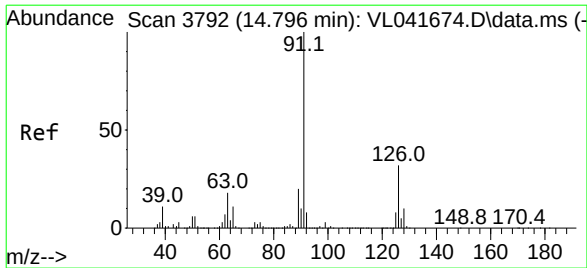
Ion Ratio Lower Upper

91 100

92 54.0 43.3 64.9

134 23.1 18.4 27.6





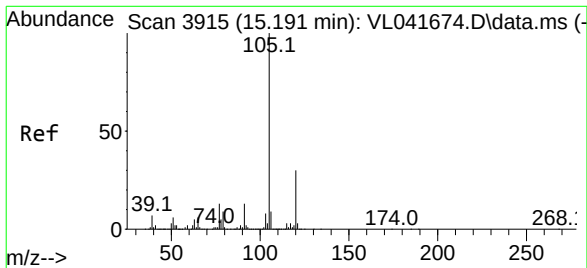
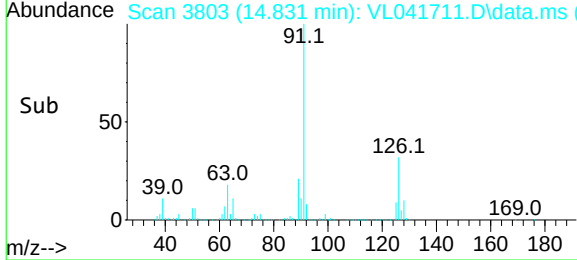
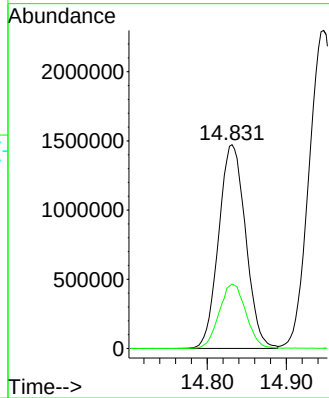
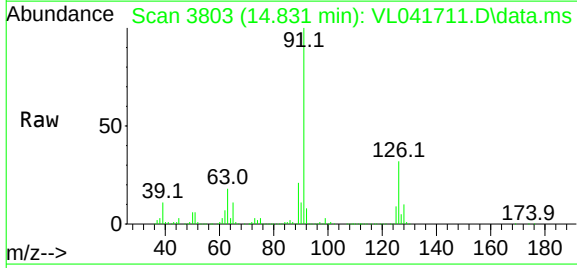
#71
2-Chlorotoluene
Concen: 11.127 ppbv
RT: 14.831 min Scan# 381
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3484566
Ion Ratio Lower Upper
91 100
126 31.5 12.8 51.0

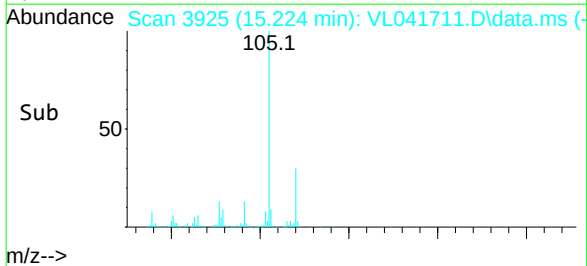
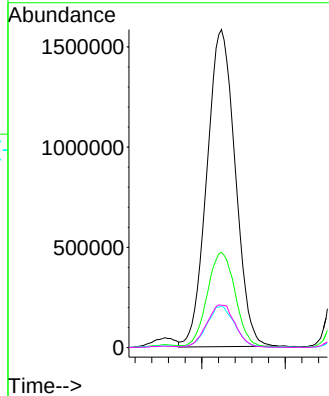
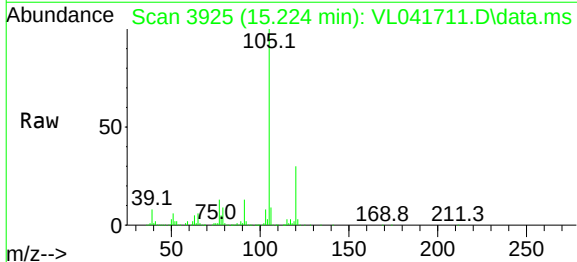
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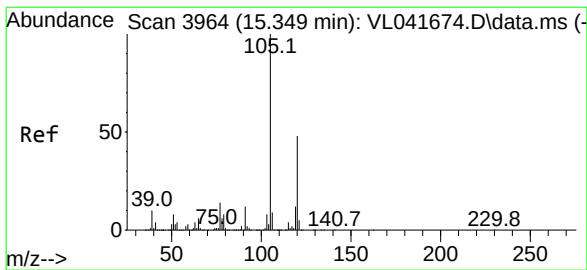
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#72
4-Ethyltoluene
Concen: 11.456 ppbv
RT: 15.224 min Scan# 3925
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion:105 Resp: 3736233
Ion Ratio Lower Upper
105 100
120 30.9 25.0 37.4
91 12.9 10.6 15.8
77 14.1 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 11.120 ppbv

RT: 15.381 min Scan# 39

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 3182515

Ion Ratio Lower Upper

105 100

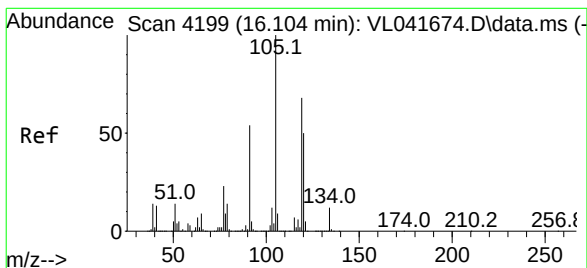
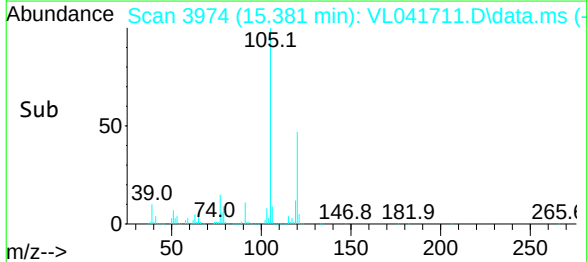
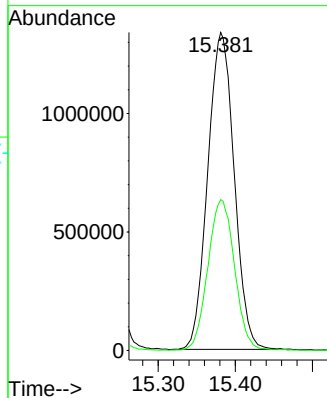
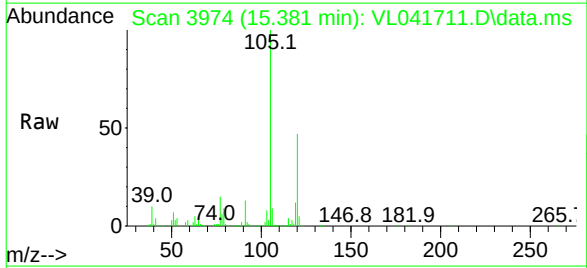
120 47.4 38.4 57.6

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: 10.582 ppbv

RT: 16.140 min Scan# 4210

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

Tgt Ion:105 Resp: 3517746

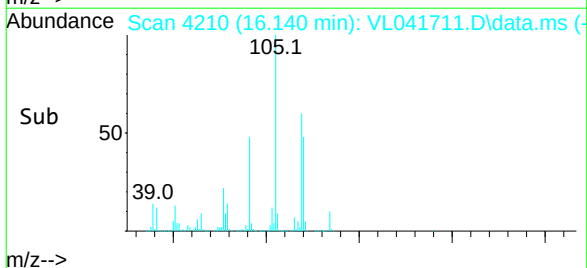
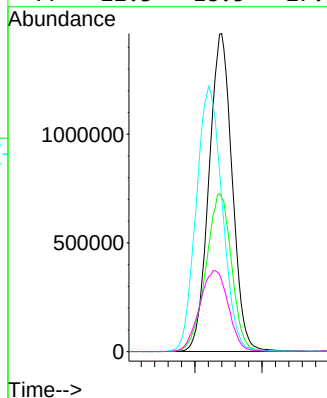
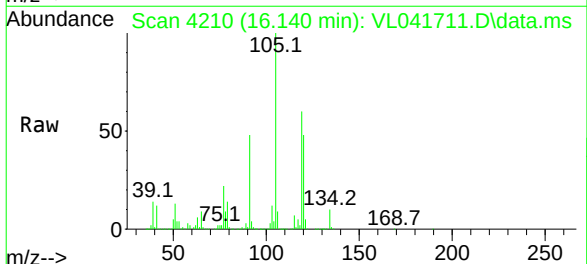
Ion Ratio Lower Upper

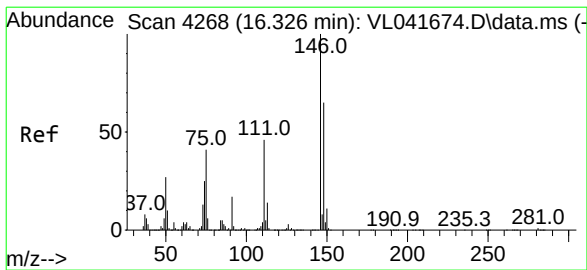
105 100

120 48.3 39.8 59.8

91 48.2 43.2 64.8

77 22.3 18.5 27.7





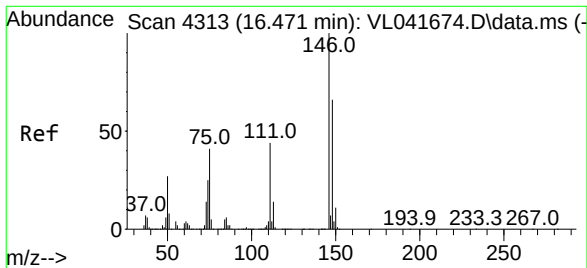
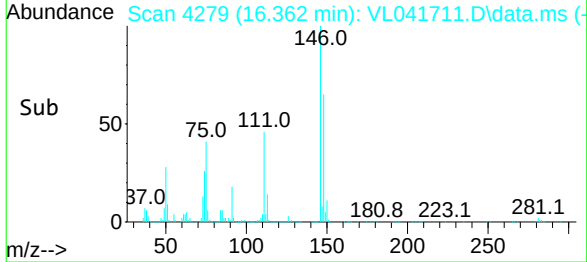
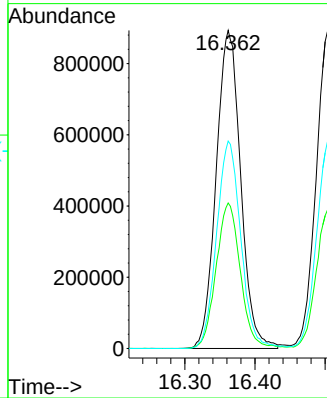
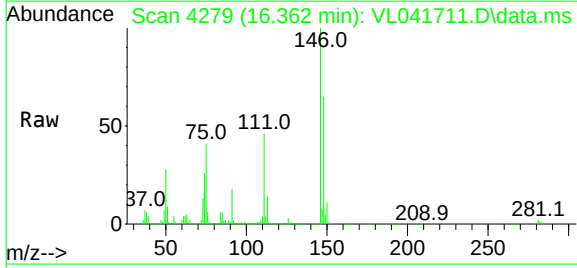
#75
1,3-Dichlorobenzene
Concen: 10.522 ppbv
RT: 16.362 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 2166163
Ion Ratio Lower Upper
146 100
111 45.4 22.8 68.3
148 64.6 32.4 97.0

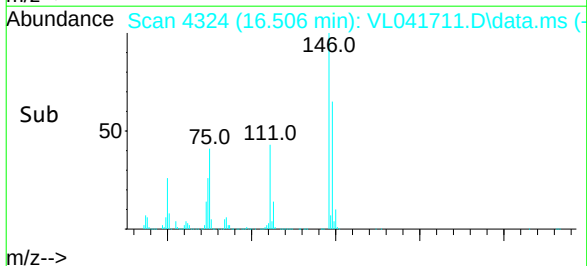
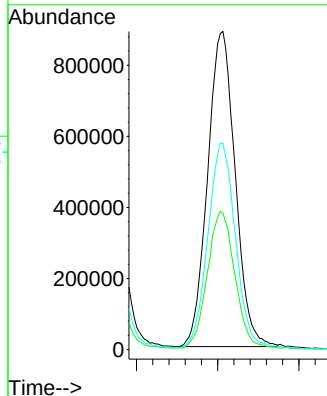
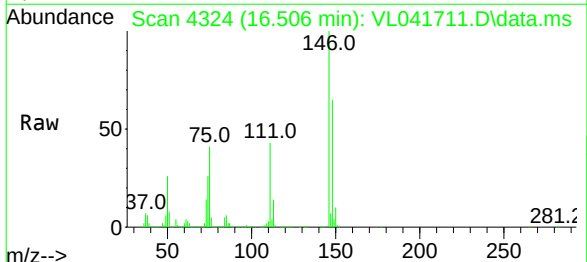
Manual Integrations
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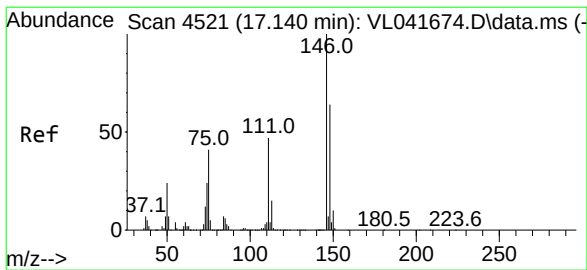
Reviewed By :Semsettin Yesilyurt 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#76
1,4-Dichlorobenzene
Concen: 10.547 ppbv
RT: 16.506 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Tgt Ion:146 Resp: 2095111
Ion Ratio Lower Upper
146 100
111 44.9 22.1 66.3
148 66.5 33.3 99.8





#77

1,2-Dichlorobenzene

Concen: 10.343 ppbv

RT: 17.175 min Scan# 4521

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 2109445

Ion Ratio Lower Upper

146 100

111 46.5 23.4 70.3

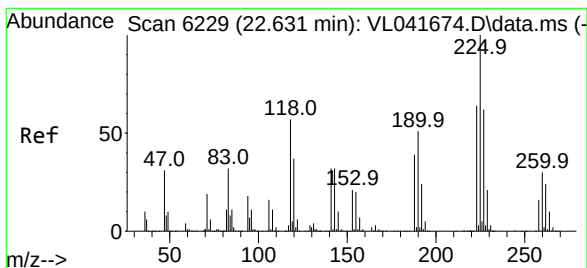
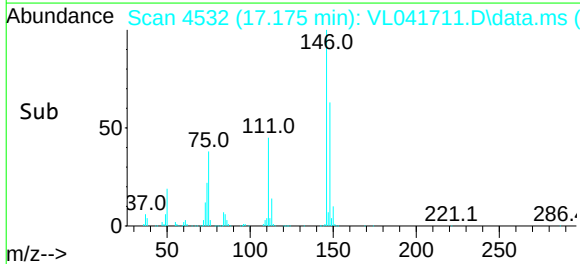
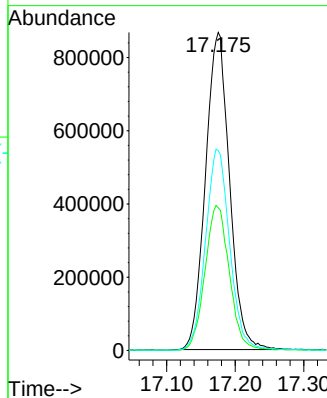
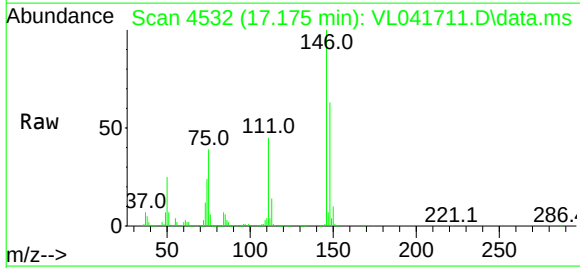
148 64.2 32.1 96.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#78

Hexachloro-1,3-Butadiene

Concen: 9.022 ppbv m

RT: 22.664 min Scan# 6239

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

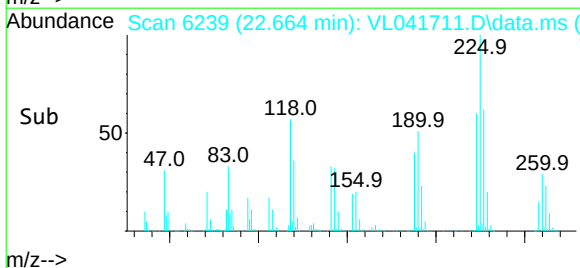
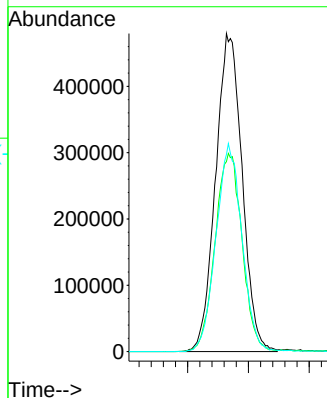
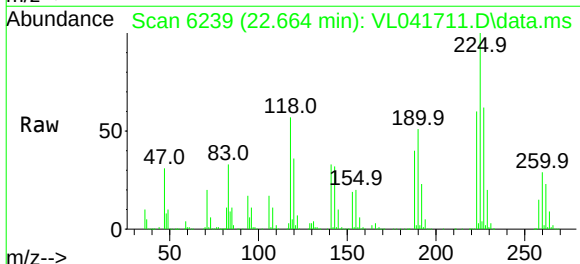
Tgt Ion:225 Resp: 1455287

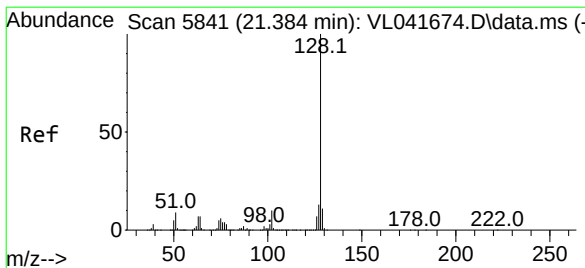
Ion Ratio Lower Upper

225 100

223 63.7 51.1 76.7

227 64.1 51.3 76.9





#79

Naphthalene

Concen: 14.389 ppbv

RT: 21.419 min Scan# 5841

Delta R.T. 0.000 min

Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

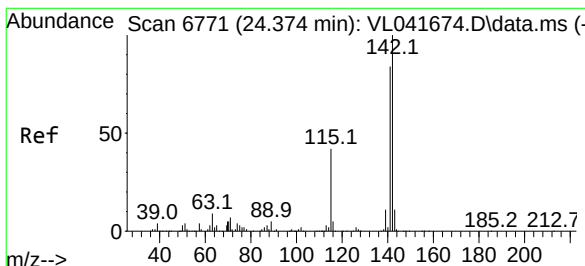
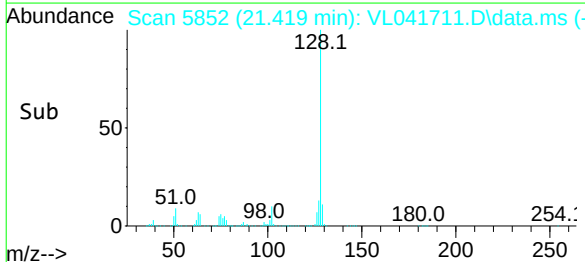
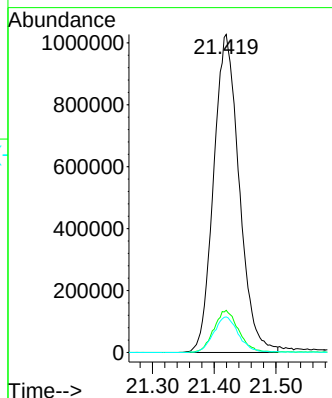
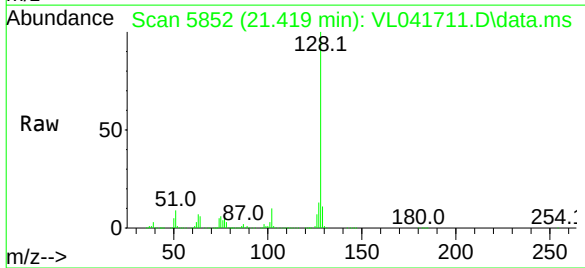
Tgt Ion:128 Resp: 2952462

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.2	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: 14.101 ppbv

RT: 24.400 min Scan# 6779

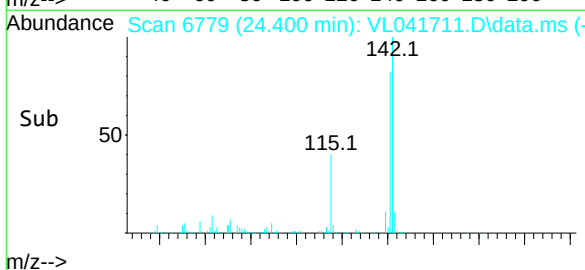
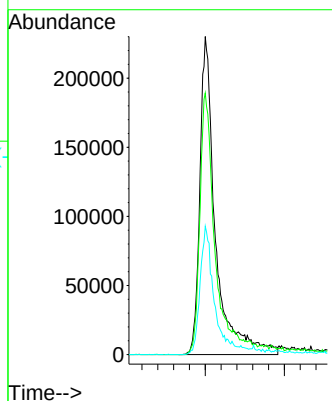
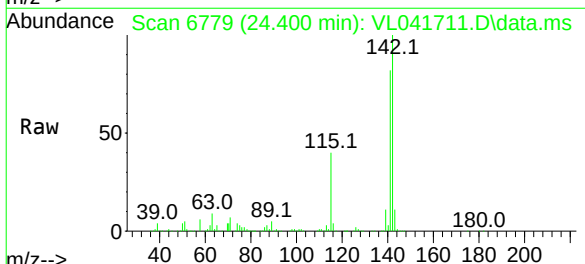
Delta R.T. 0.000 min

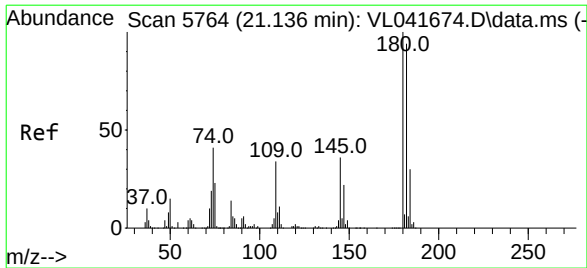
Lab File: VL041711.D

Acq: 21 Nov 2024 8:50

Tgt Ion:142 Resp: 630748

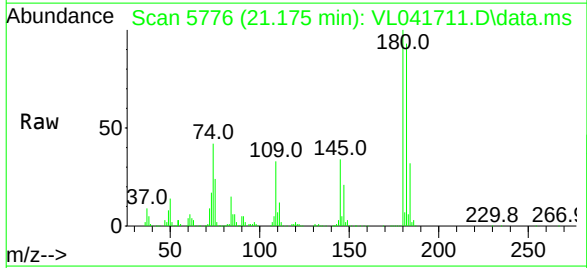
Ion	Ratio	Lower	Upper
142	100		
141	84.6	68.1	102.1
115	40.1	33.1	49.7





#81
1,2,4-Trichlorobenzene
Concen: 11.633 ppbv
RT: 21.175 min Scan# 57
Delta R.T. 0.000 min
Lab File: VL041711.D
Acq: 21 Nov 2024 8:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:	180	Resp:	1501117
Ion Ratio	Lower	Upper	
180	100		
182	96.9	78.2	117.2
184	30.6	25.0	37.4

Manual Integrations
APPROVED

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

