

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041104.D
 Acq On : 14 Mar 2024 11:37
 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 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 02:45:48 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

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

QLast Update : Fri Mar 15 02:44:43 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1379919	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3566833	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	3320264	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2636862 10.158 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	1954427	7.433	ppbv	98
3) Chlorodifluoromethane	2.661	51	2052530	10.128	ppbv	100
4) Chloromethane	2.800	50	787208	10.263	ppbv	100
5) Vinyl Chloride	2.909	62	833040	10.673	ppbv	97
6) Bromomethane	3.108	94	236443	7.639	ppbv	99
7) Chloroethane	3.186	64	277627	10.243	ppbv	96
8) Dichlorotetrafluoroethane	2.845	85	1956685	10.247	ppbv	97
9) Propene	2.681	41	713081	10.565	ppbv	99
10) Heptane	7.568	43	1706676	10.568	ppbv	98
11) Trichlorofluoromethane	3.552	101	2000559	9.867	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.054	101	1480992	9.935	ppbv	99
13) Ethanol	3.227	45	137339	7.636	ppbv	95
14) Bromoethene	3.353	108	624548	10.745	ppbv	98
15) Acetone	3.456	43	1437920	9.146	ppbv	100
16) 1,3-Butadiene	2.973	39	767447	10.762	ppbv	100
17) tert-Butyl alcohol	3.864	59	1465811	12.592	ppbv	99
18) 1,1-Dichloroethene	3.867	96	658331	10.118	ppbv	98
19) Isopropyl Alcohol	3.562	45	969181	11.541	ppbv	99
20) Methylene Chloride	3.922	84	565703	9.230	ppbv	95
21) Allyl Chloride	3.986	41	891752	10.043	ppbv	98
22) trans-1,2-Dichloroethene	4.433	96	693036	9.124	ppbv	98
23) Vinyl Acetate	4.613	43	1621706	9.116	ppbv	99
24) 1,1-Dichloroethane	4.552	63	1394838	8.679	ppbv	99
25) Ethyl Acetate	5.195	43	2810558	9.923	ppbv	99
26) Hexane	5.202	57	1248694	9.864	ppbv	99
27) Carbon Disulfide	4.112	76	1665308	10.974	ppbv	100
28) Methyl tert-Butyl Ether	4.575	73	968890	8.656	ppbv	99
29) Chloroform	5.266	83	2103489	9.758	ppbv	95
30) Cyclohexane	6.587	84	1105620	10.540	ppbv	97
31) cis-1,2-Dichloroethene	5.070	61	1248677	10.133	ppbv	97
32) 1,1,1-Trichloroethane	5.992	97	2117629	10.846	ppbv	99
34) 2-Butanone	4.774	43	1521784	8.617	ppbv	99
35) Carbon Tetrachloride	6.484	117	2210591	10.605	ppbv	99
36) Benzene	6.362	78	2710846	10.210	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1600191	10.018	ppbv	99
38) Trichloroethene	7.282	130	1075842	11.156	ppbv	96
39) 1,2-Dichloropropane	7.063	63	1055756	9.941	ppbv	97
40) 1,4-Dioxane	7.279	88	394672	9.439	ppbv	85
41) Tetrahydrofuran	5.542	42	1085631	10.329	ppbv	99
42) Bromodichloromethane	7.240	83	2330561	10.184	ppbv	99
43) Methyl Methacrylate	7.465	69	1125543	10.959	ppbv	100
44) 2,2,4-Trimethylpentane	7.317	57	4441796	10.018	ppbv	99
45) t-1,3-Dichloropropene	8.703	75	590774	8.357	ppbv	99

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Instrument :
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Manual Integrations
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 Supervised By : Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 02:45:48 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

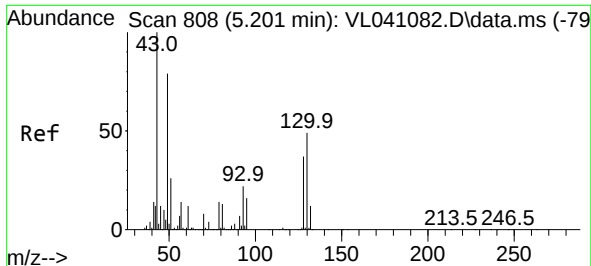
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Mar 15 02:44:43 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	790160	8.900	ppbv	97
47) 1,1,2-Trichloroethane	8.890	97	1148342	10.137	ppbv	97
48) Dibromochloromethane	9.700	129	1977933	10.712	ppbv	100
49) Bromoform	12.401	173	1574752	10.722	ppbv	98
50) 4-Methyl-2-Pentanone	8.169	43	2833253	10.878	ppbv	100
51) 2-Hexanone	9.539	43	2103950	11.027	ppbv #	99
52) Tetrachloroethene	10.610	164	925159	11.235	ppbv	99
53) Toluene	9.211	91	3079509	10.761	ppbv	100
54) 1,2-Dibromoethane	9.999	107	1500163	10.297	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.497	131	1433079	10.088	ppbv	99
57) Chlorobenzene	11.520	112	2377269	10.157	ppbv	99
58) Ethyl Benzene	12.082	91	4129206	10.622	ppbv	100
59) m/p-Xylene	12.362	91	7053361m	20.671	ppbv	
60) o-Xylene	13.050	91	3354503	10.354	ppbv	98
61) Styrene	12.889	104	1712945	11.708	ppbv	99
62) Isopropylbenzene	14.021	105	4919313	10.221	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.040	83	2533521	10.404	ppbv	99
64) n-propylbenzene	14.905	120	1281502	10.582	ppbv	99
65) tert-Butylbenzene	16.082	119	4368846	10.444	ppbv	99
66) Benzyl Chloride	16.317	91	179169	6.322	ppbv	98
67) sec-Butylbenzene	16.629	105	6170534	10.255	ppbv	100
69) p-Isopropyltoluene	16.986	119	4991893	10.636	ppbv	100
70) n-Butylbenzene	17.879	91	5406114	10.658	ppbv	100
71) 2-Chlorotoluene	14.793	91	3818678	10.373	ppbv	98
72) 4-Ethyltoluene	15.185	105	3762494	10.548	ppbv	97
73) 1,3,5-Trimethylbenzene	15.343	105	3357942	10.638	ppbv	100
74) 1,2,4-Trimethylbenzene	16.098	105	3740812	10.376	ppbv	95
75) 1,3-Dichlorobenzene	16.323	146	2137788	10.383	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	2069685	9.977	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	2092836	10.403	ppbv	100
78) Hexachloro-1,3-Butadiene	22.625	225	1244520	8.787	ppbv	100
79) Naphthalene	21.375	128	2910603	13.941	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	595561	17.796	ppbv	96
81) 1,2,4-Trichlorobenzene	21.130	180	1451025	12.069	ppbv	99

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



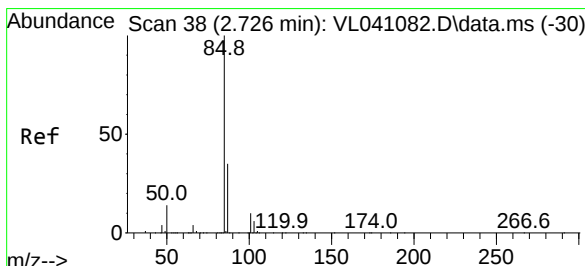
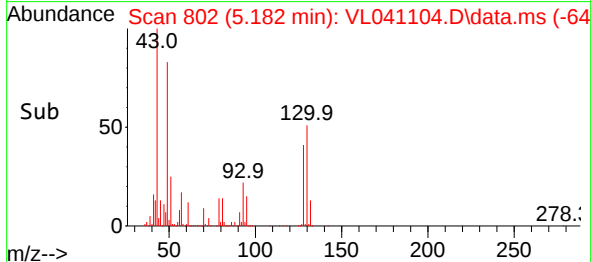
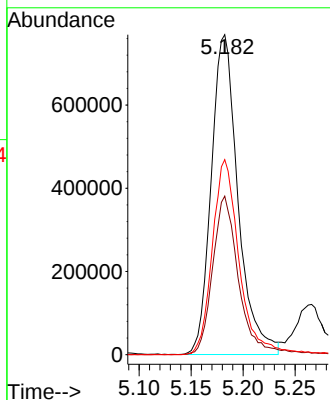
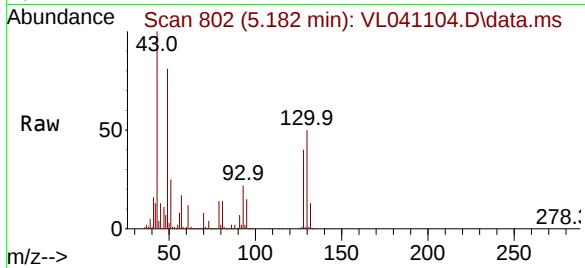
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1379919
Ion Ratio Lower Upper
49 100
128 48.7 23.8 71.5
130 62.3 30.3 90.9

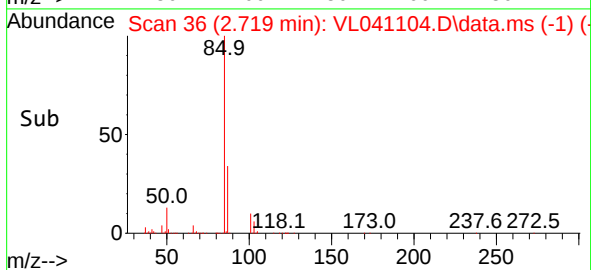
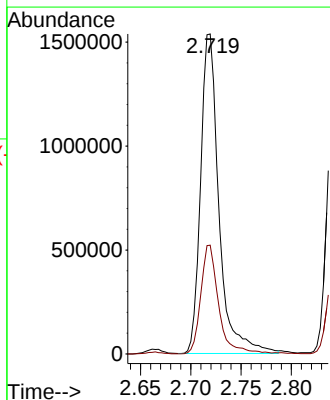
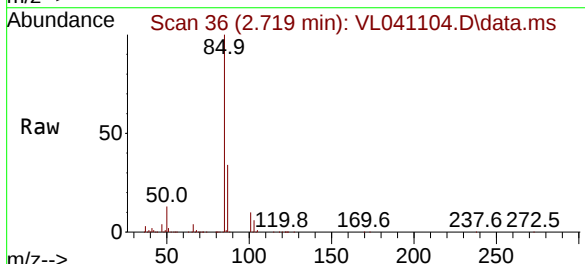
Manual Integrations
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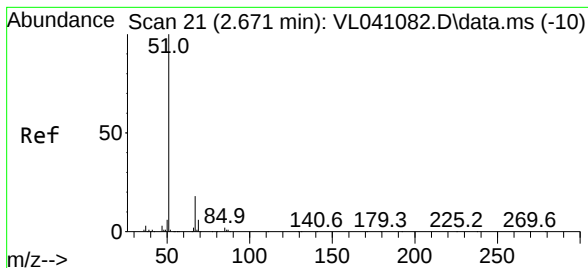
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#2
Dichlorodifluoromethane
Concen: 7.433 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

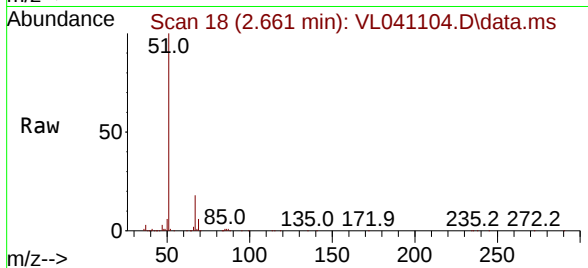
Tgt Ion: 85 Resp: 1954427
Ion Ratio Lower Upper
85 100
87 34.0 28.1 42.1





#3
Chlorodifluoromethane
Concen: 10.128 ppbv
RT: 2.661 min Scan# 18
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

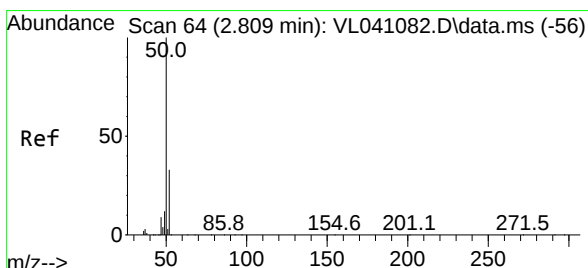
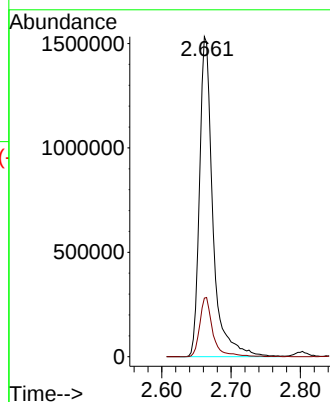
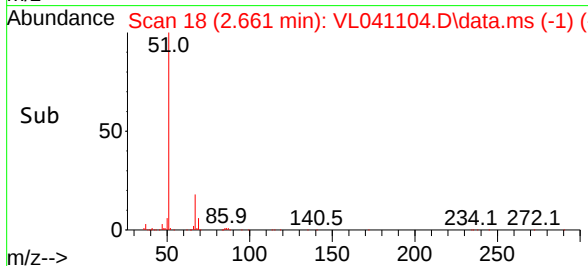
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



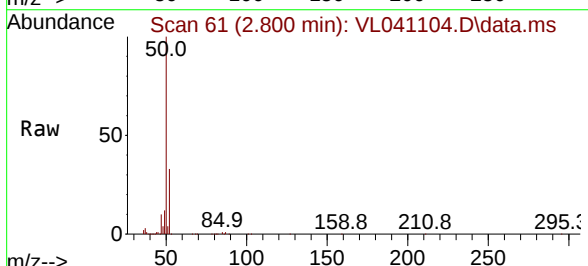
Tgt Ion: 51 Resp: 2052530
Ion Ratio Lower Upper
51 100
67 18.2 14.5 21.7

Manual Integrations
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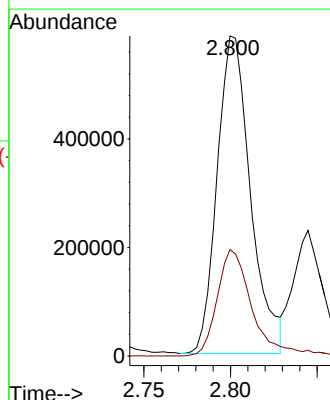
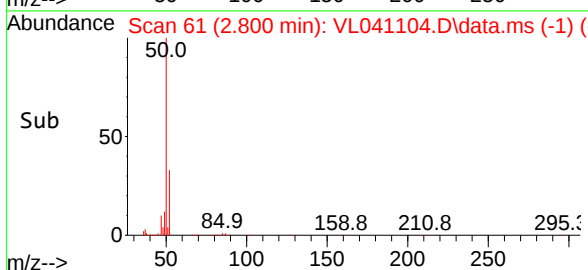
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

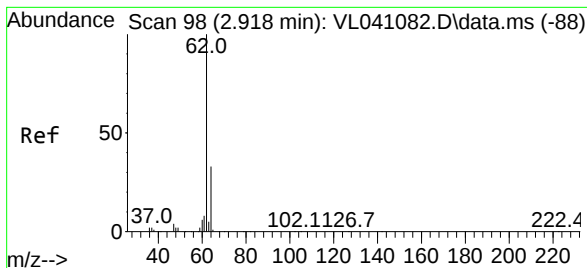


#4
Chloromethane
Concen: 10.263 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37



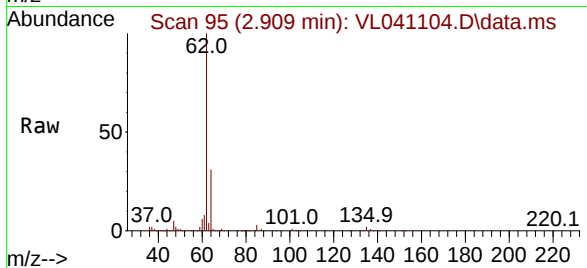
Tgt Ion: 50 Resp: 787208
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0





#5
 Vinyl Chloride
 Concen: 10.673 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041104.D
 Acq: 14 Mar 2024 11:37

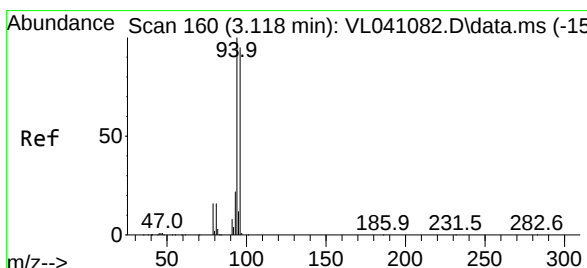
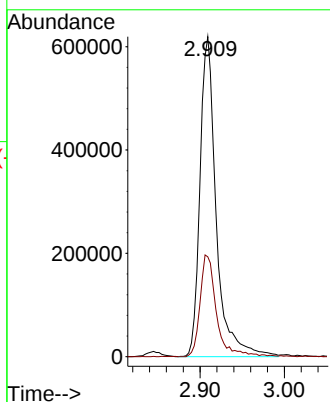
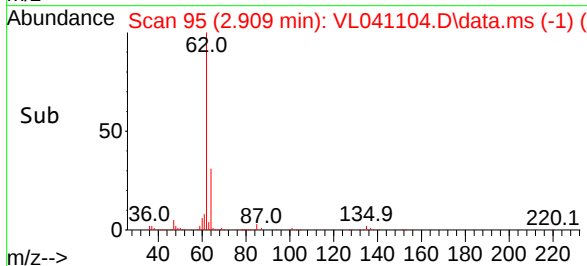
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 833040
 Ion Ratio Lower Upper
 62 100
 64 31.2 26.5 39.7

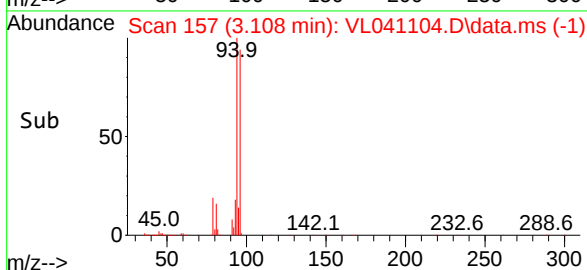
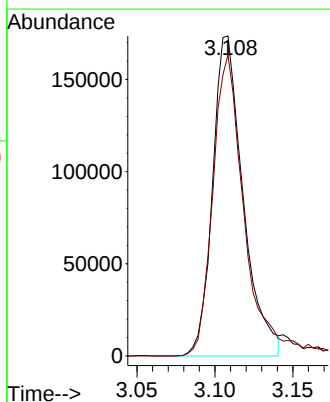
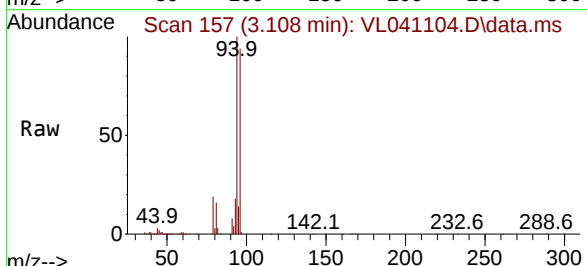
Manual Integrations
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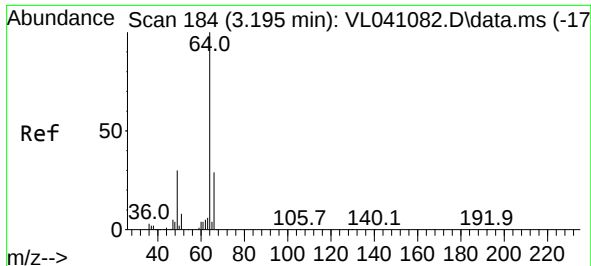
Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024



#6
 Bromomethane
 Concen: 7.639 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.000 min
 Lab File: VL041104.D
 Acq: 14 Mar 2024 11:37

Tgt Ion: 94 Resp: 236443
 Ion Ratio Lower Upper
 94 100
 96 94.0 76.0 114.0





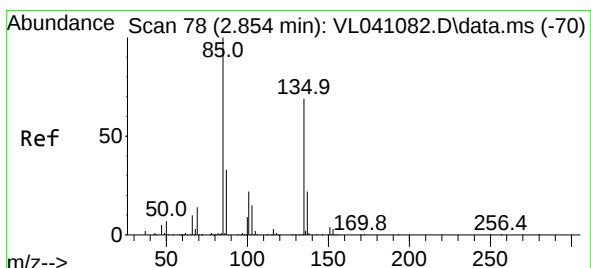
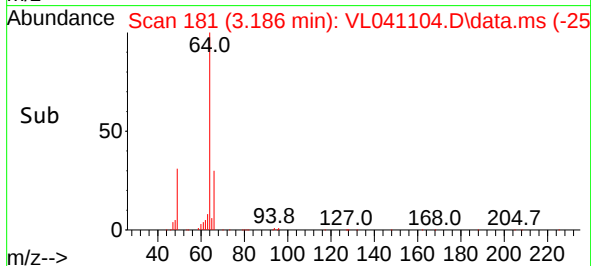
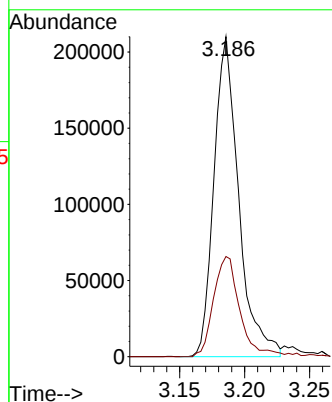
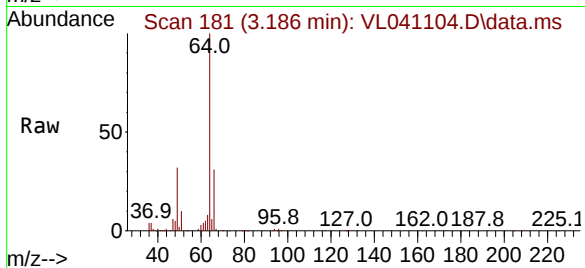
#7
Chloroethane
Concen: 10.243 ppbv
RT: 3.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 27762
Ion Ratio Lower Upper
64 100
66 31.3 23.2 34.8

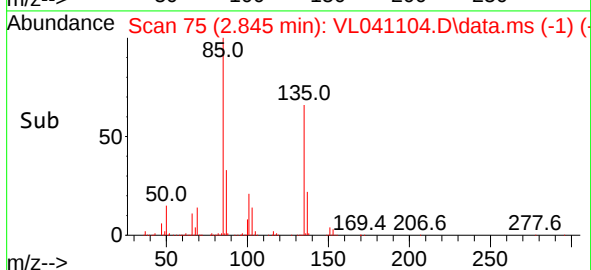
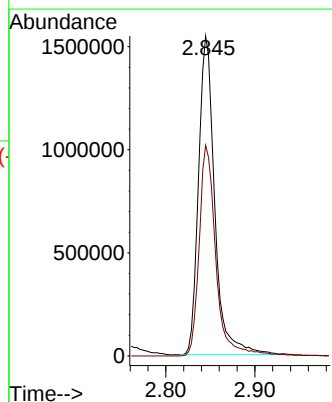
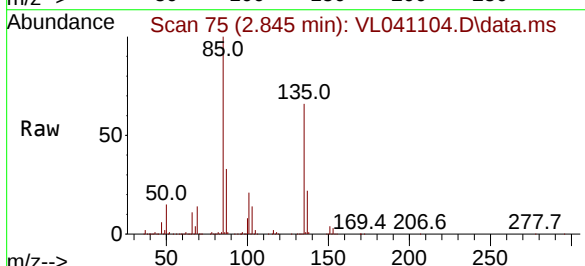
Manual Integrations
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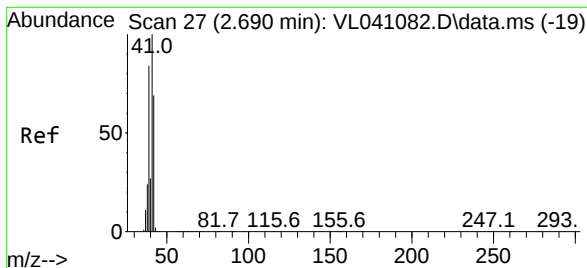
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#8
Dichlorotetrafluoroethane
Concen: 10.247 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

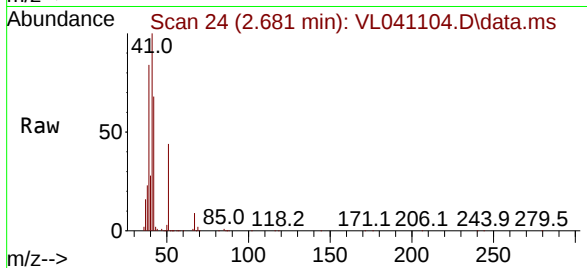
Tgt Ion: 85 Resp: 1956685
Ion Ratio Lower Upper
85 100
135 68.4 56.7 85.1





#9
Propene
Concen: 10.565 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

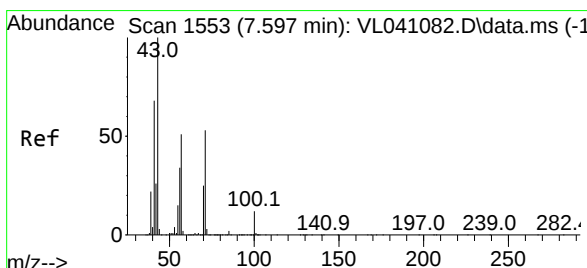
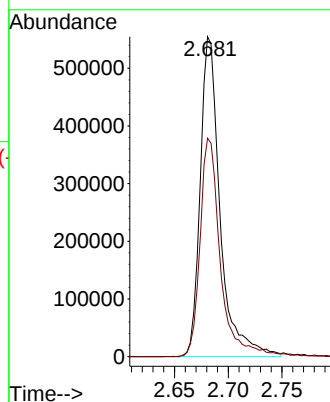
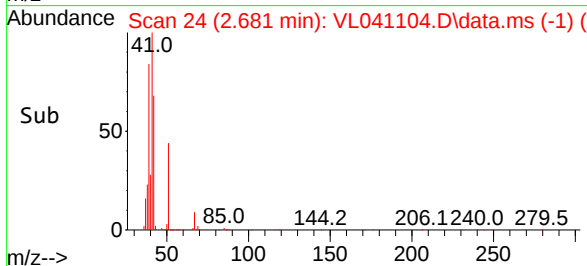
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



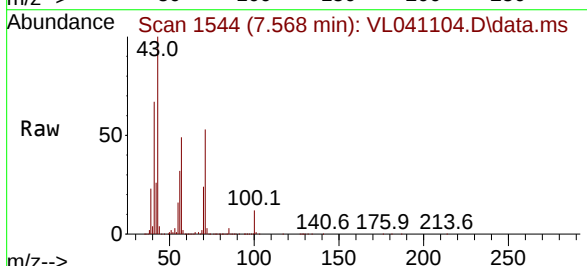
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Ion Ratio Lower Upper
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Manual Integrations
APPROVED

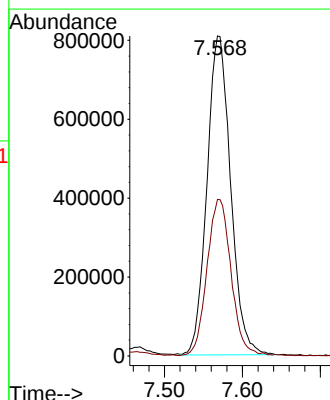
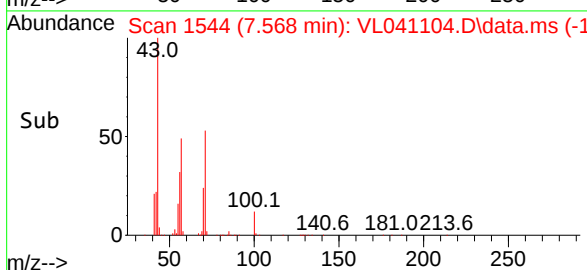
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

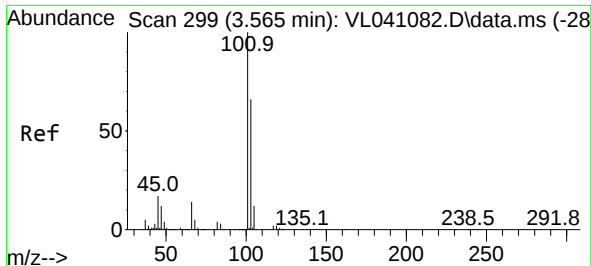


#10
Heptane
Concen: 10.568 ppbv
RT: 7.568 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37



Tgt Ion: 43 Resp: 1706676
Ion Ratio Lower Upper
43 100
57 49.9 41.0 61.6





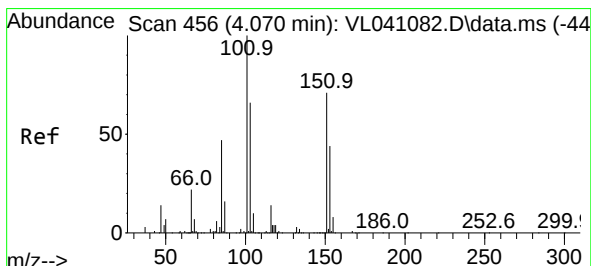
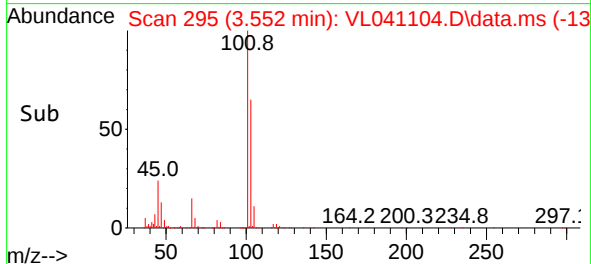
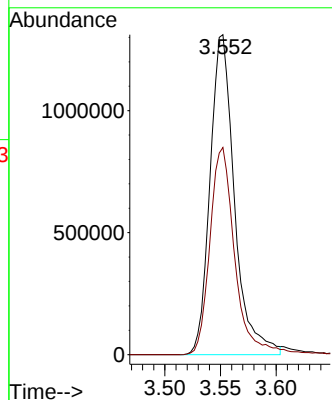
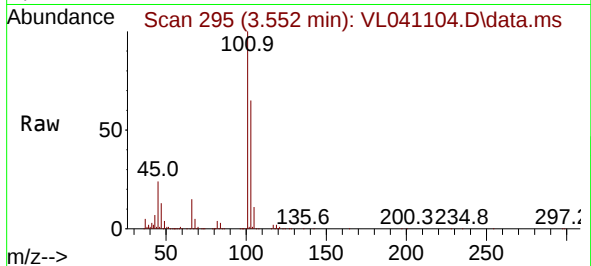
#11
Trichlorofluoromethane
Concen: 9.867 ppbv
RT: 3.552 min Scan# 299
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 200055
Ion Ratio Lower Upper
101 100
103 64.7 53.0 79.4

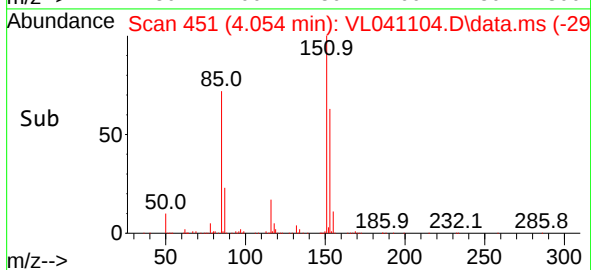
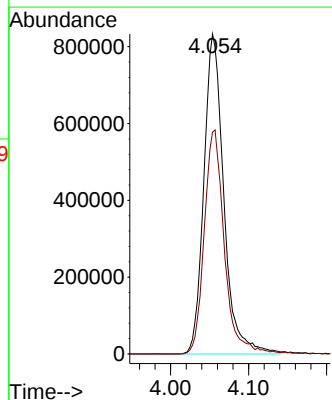
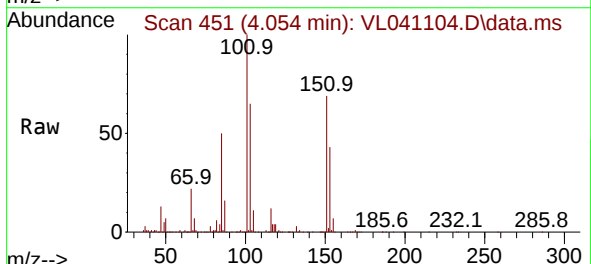
Manual Integrations
APPROVED

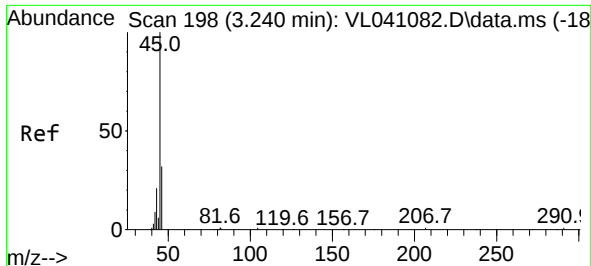
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.935 ppbv
RT: 4.054 min Scan# 451
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

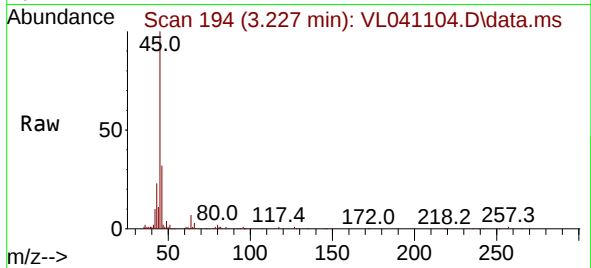
Tgt Ion:101 Resp: 1480992
Ion Ratio Lower Upper
101 100
151 70.7 55.8 83.8





#13
Ethanol
Concen: 7.636 ppbv
RT: 3.227 min Scan# 198
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

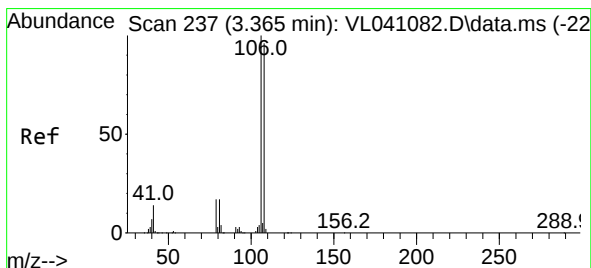
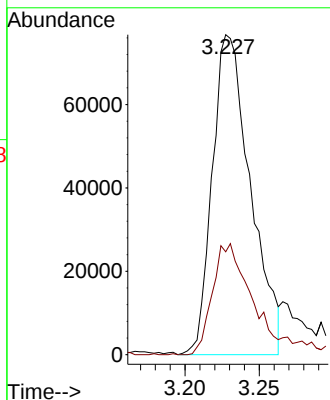
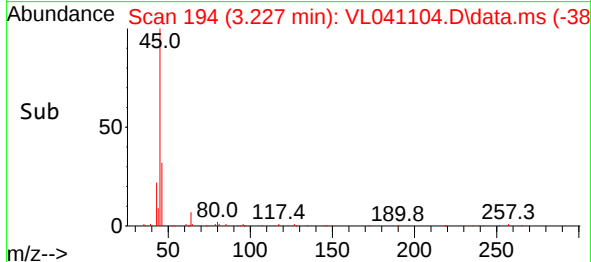
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



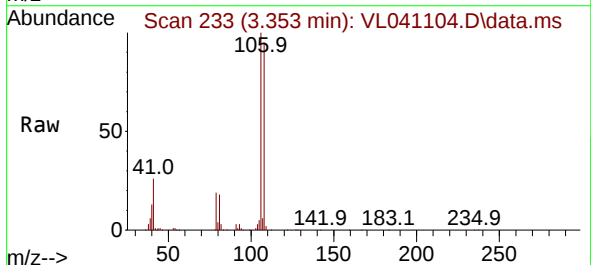
Tgt Ion: 45 Resp: 137339
Ion Ratio Lower Upper
45 100
46 39.5 14.6 58.2

Manual Integrations
APPROVED

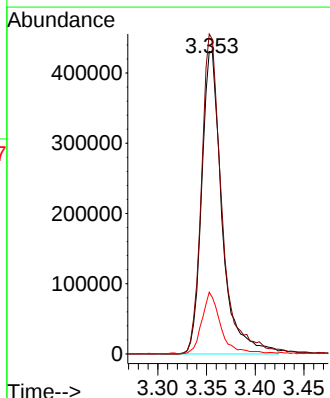
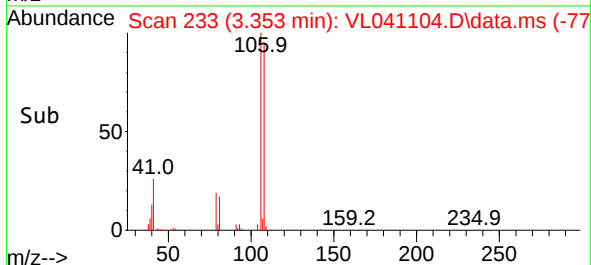
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

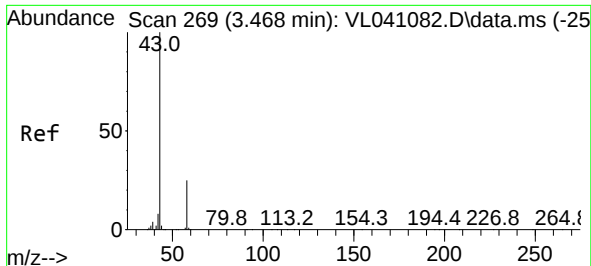


#14
Bromoethene
Concen: 10.745 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37



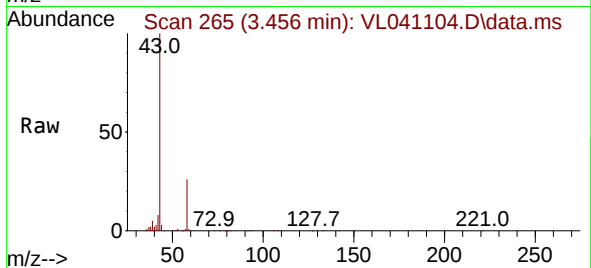
Tgt Ion:108 Resp: 624548
Ion Ratio Lower Upper
108 100
106 107.2 88.1 132.1
79 19.2 15.6 23.4





#15
Acetone
Concen: 9.146 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

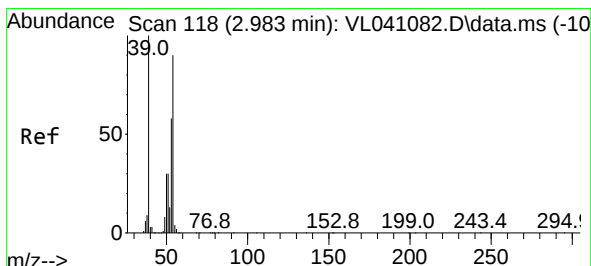
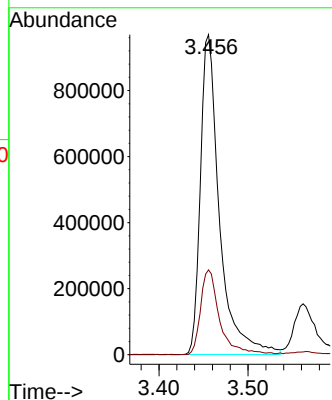
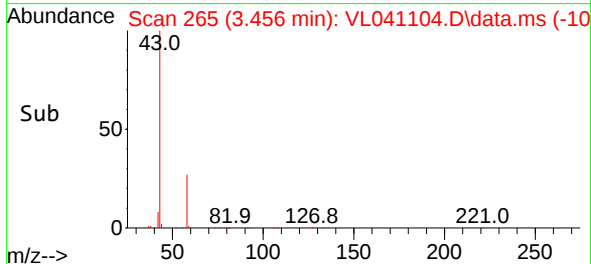
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



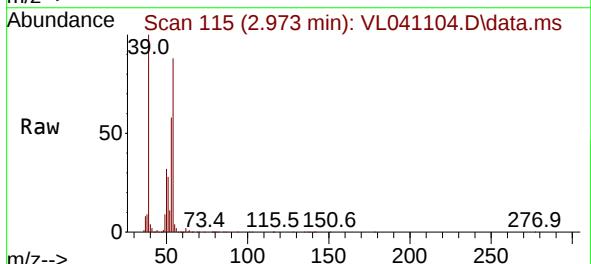
Tgt Ion: 43 Resp: 1437920
Ion Ratio Lower Upper
43 100
58 26.9 21.7 32.5

Manual Integrations
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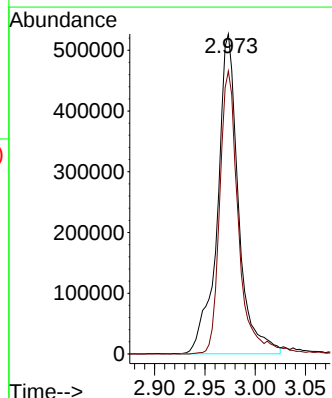
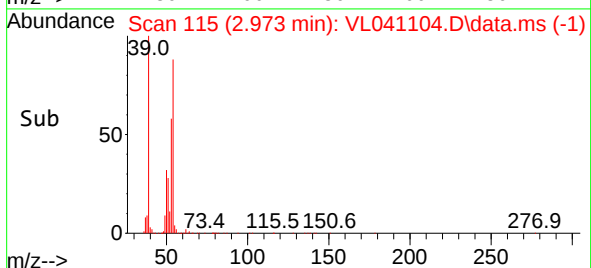
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

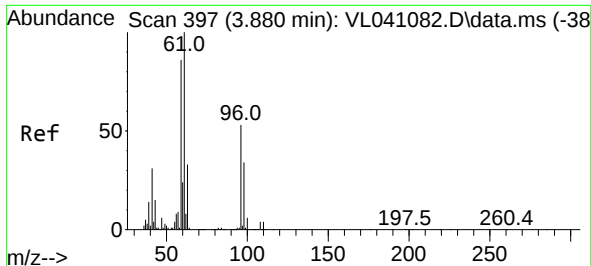


#16
1,3-Butadiene
Concen: 10.762 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37



Tgt Ion: 39 Resp: 767447
Ion Ratio Lower Upper
39 100
54 79.8 64.0 96.0





#17

tert-Butyl alcohol

Concen: 12.592 ppbv

RT: 3.864 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 146581

Ion Ratio Lower Upper

59 100

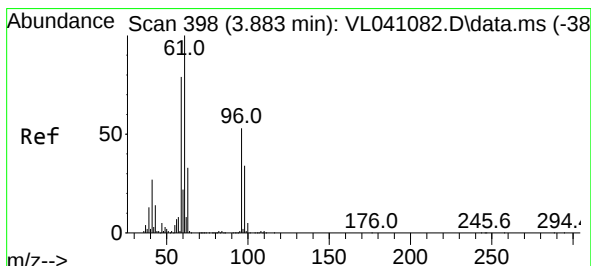
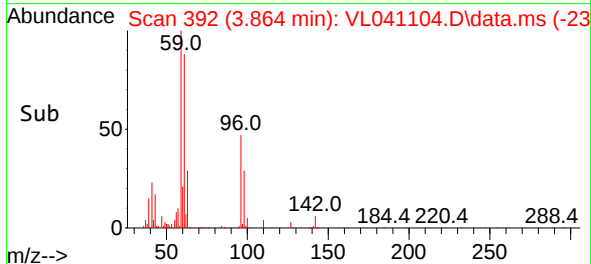
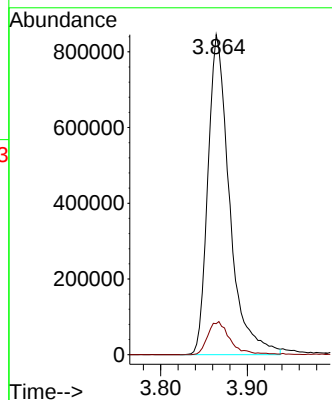
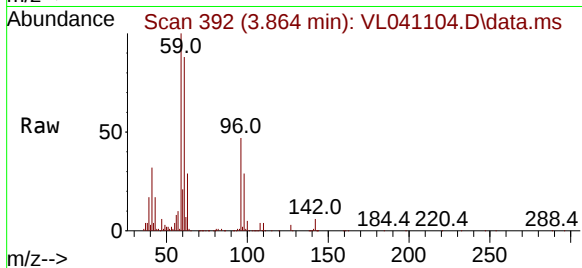
57 10.8 9.0 13.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#18

1,1-Dichloroethene

Concen: 10.118 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

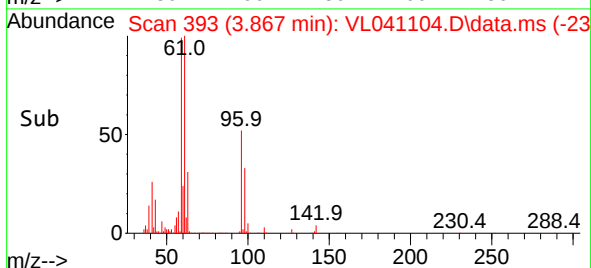
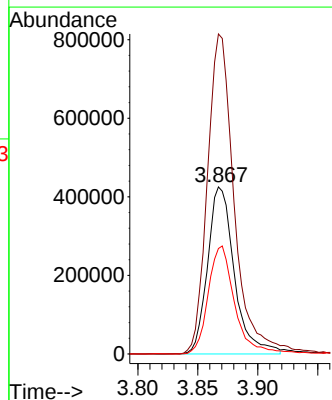
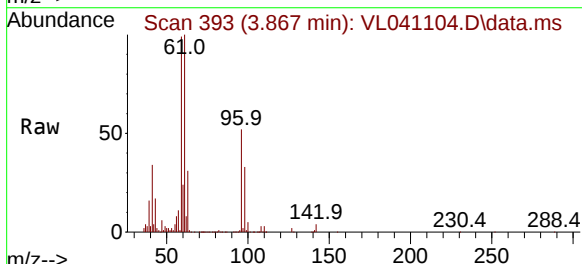
Tgt Ion: 96 Resp: 658331

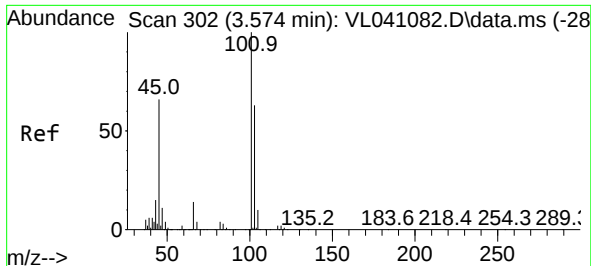
Ion Ratio Lower Upper

96 100

61 191.5 150.2 225.2

98 63.1 50.7 76.1





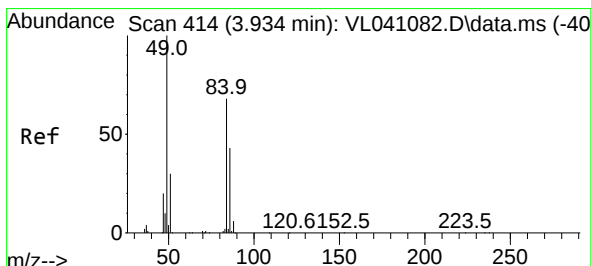
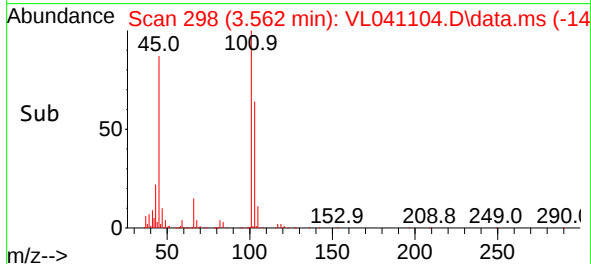
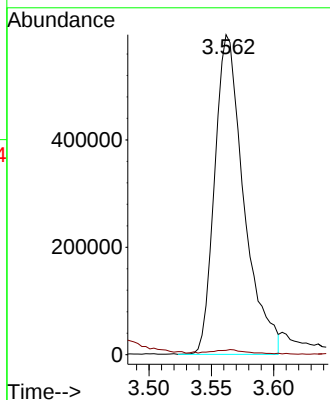
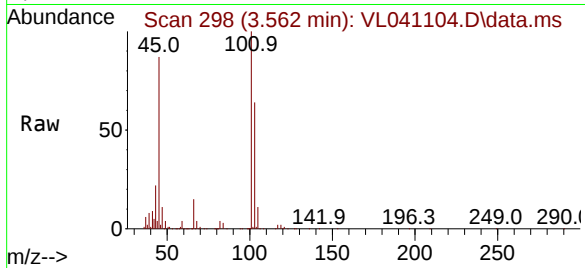
#19
Isopropyl Alcohol
Concen: 11.541 ppbv
RT: 3.562 min Scan# 298
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 45 Resp: 96918
Ion Ratio Lower Upper
45 100
58 2.3 2.2 3.4

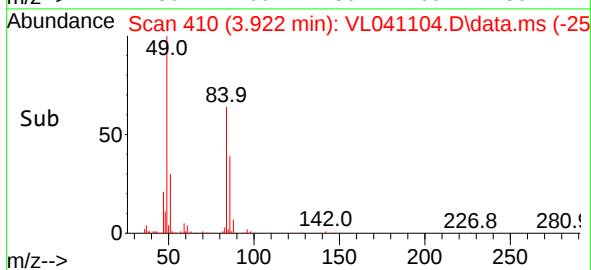
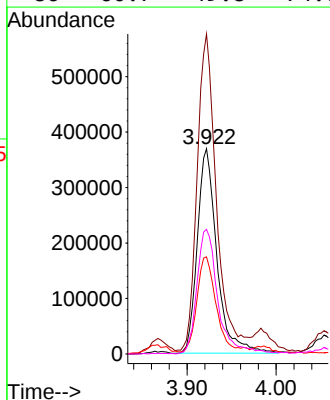
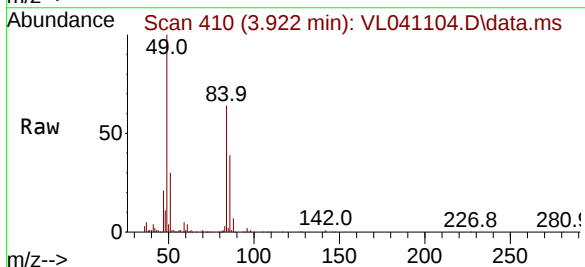
Manual Integrations
APPROVED

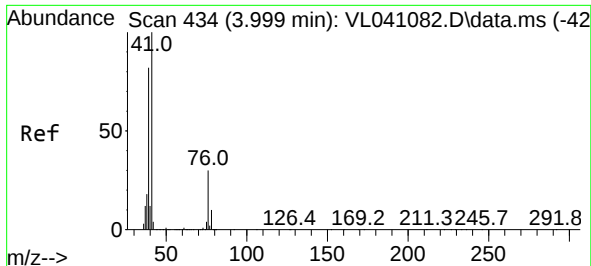
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#20
Methylene Chloride
Concen: 9.230 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

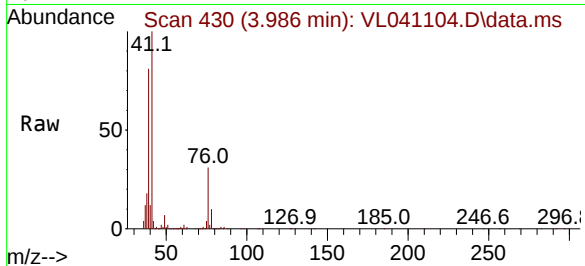
Tgt Ion: 84 Resp: 565703
Ion Ratio Lower Upper
84 100
49 154.6 117.0 175.6
51 46.4 34.9 52.3
86 60.7 49.8 74.6





#21
 Allyl Chloride
 Concen: 10.043 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041104.D
 Acq: 14 Mar 2024 11:37

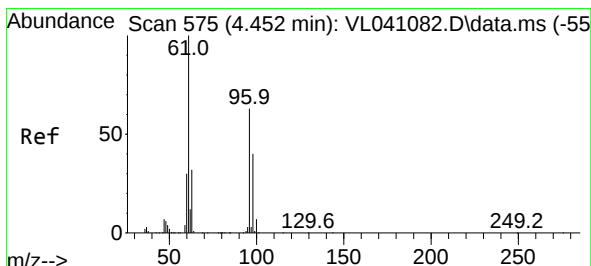
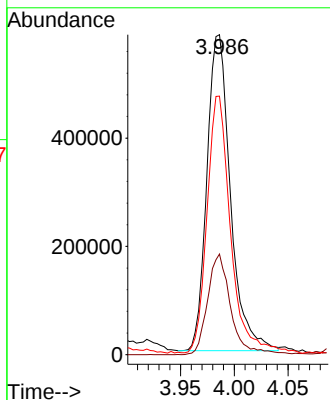
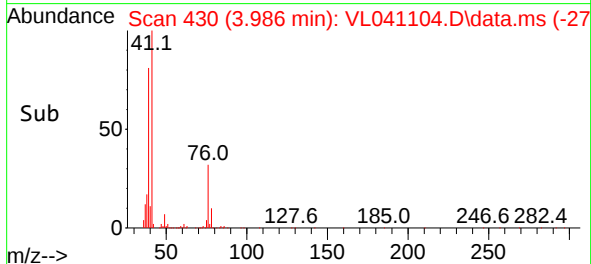
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 891752
 Ion Ratio Lower Upper
 41 100
 76 31.4 25.5 38.3
 39 82.4 67.4 101.2

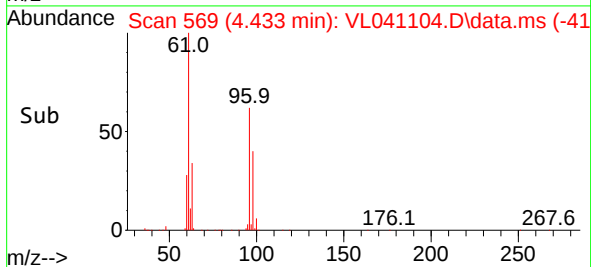
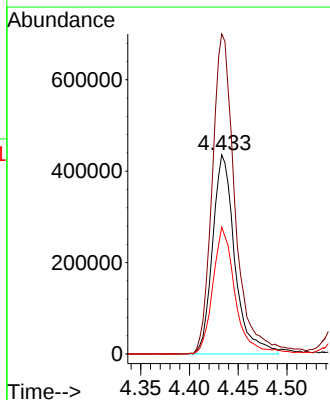
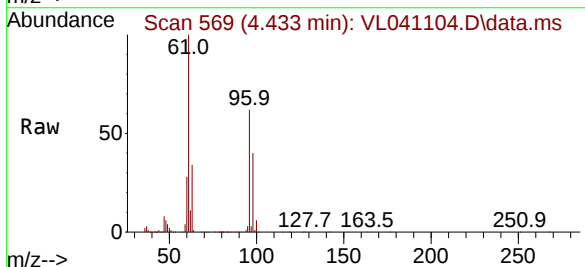
Manual Integrations
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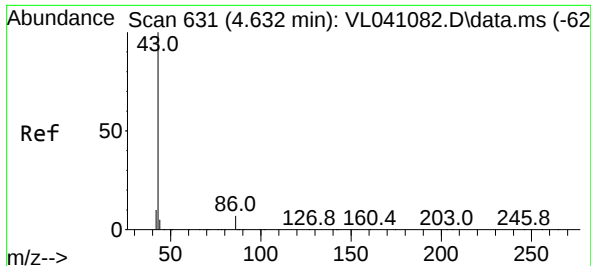
Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.124 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. 0.000 min
 Lab File: VL041104.D
 Acq: 14 Mar 2024 11:37

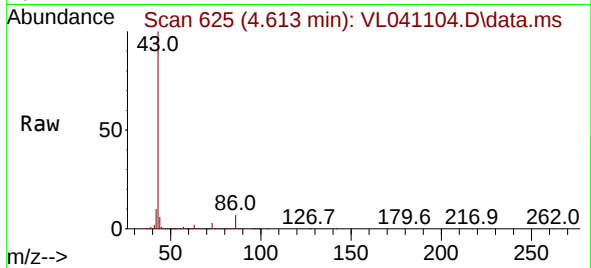
Tgt Ion: 96 Resp: 693036
 Ion Ratio Lower Upper
 96 100
 61 160.6 126.7 190.1
 98 63.7 50.1 75.1





#23
 Vinyl Acetate
 Concen: 9.116 ppbv
 RT: 4.613 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL041104.D
 Acq: 14 Mar 2024 11:37

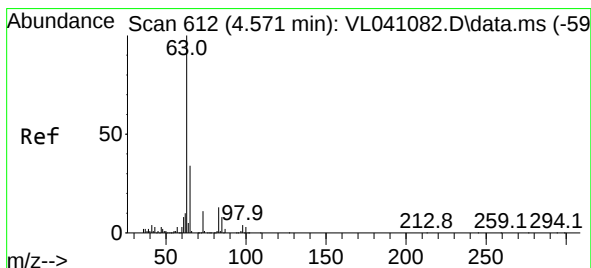
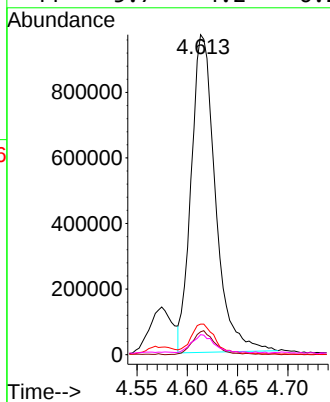
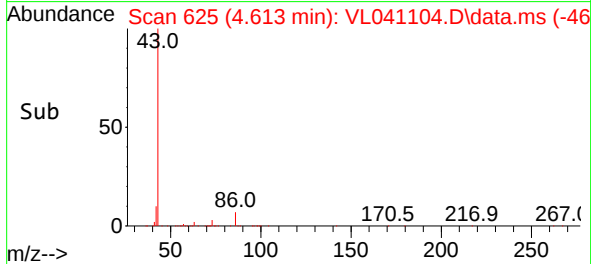
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



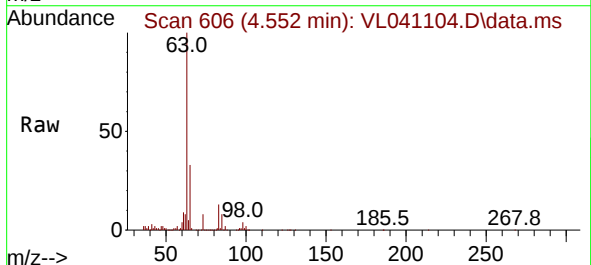
Tgt Ion: 43 Resp: 1621700
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.4 8.2
 42 9.4 8.0 12.0
 44 5.7 4.2 6.2

Manual Integrations
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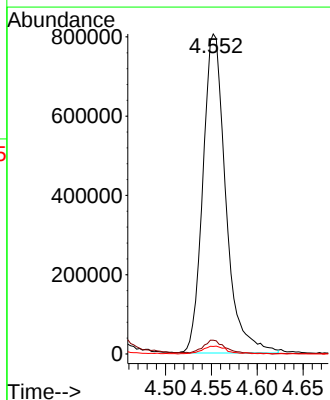
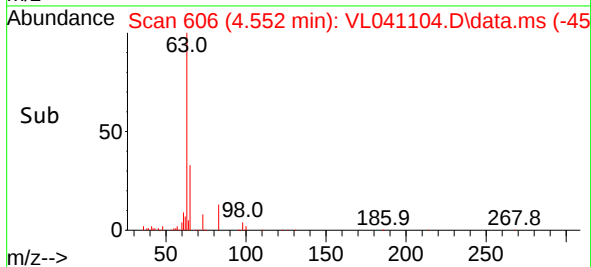
Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

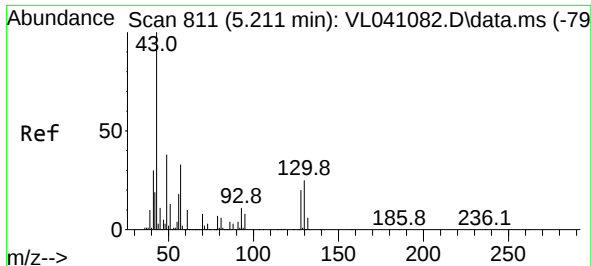


#24
 1,1-Dichloroethane
 Concen: 8.679 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.000 min
 Lab File: VL041104.D
 Acq: 14 Mar 2024 11:37



Tgt Ion: 63 Resp: 1394838
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.5
 100 2.4 1.4 4.2





#25

Ethyl Acetate

Concen: 9.923 ppbv

RT: 5.195 min Scan# 806

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 281055

Ion Ratio Lower Upper

43 100

45 10.6 8.2 12.2

61 10.0 8.2 12.2

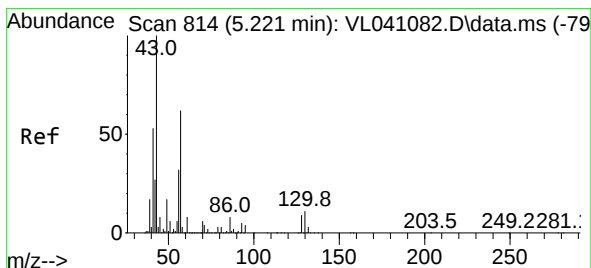
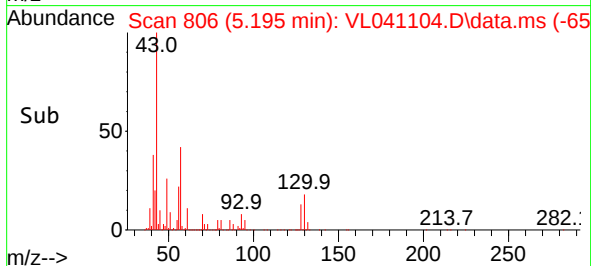
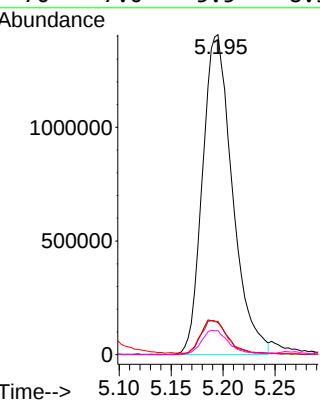
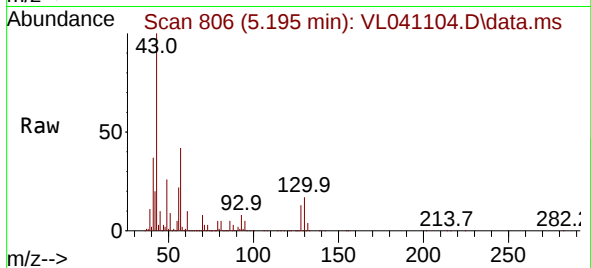
70 7.0 5.5 8.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#26

Hexane

Concen: 9.864 ppbv

RT: 5.202 min Scan# 808

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

Tgt Ion: 57 Resp: 1248694

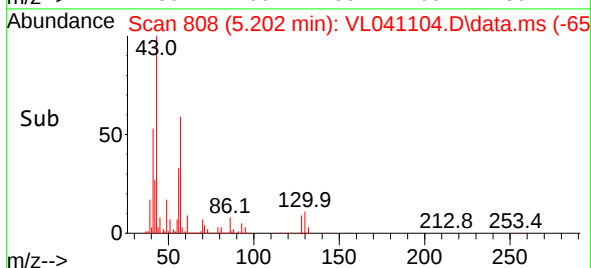
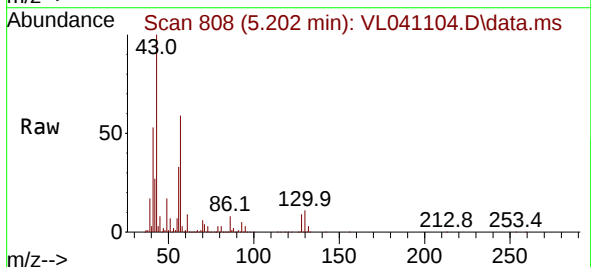
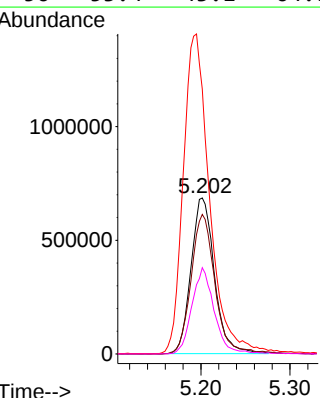
Ion Ratio Lower Upper

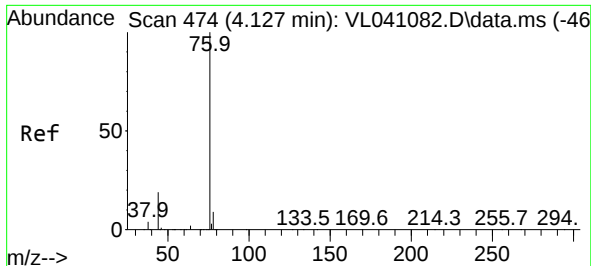
57 100

41 92.3 73.8 110.6

43 232.3 184.2 276.2

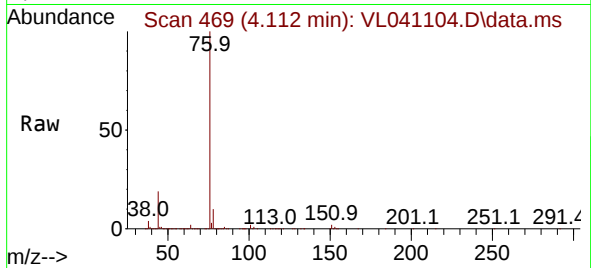
56 53.4 43.1 64.7





#27
Carbon Disulfide
Concen: 10.974 ppbv
RT: 4.112 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

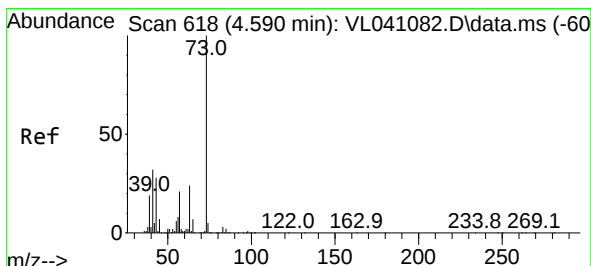
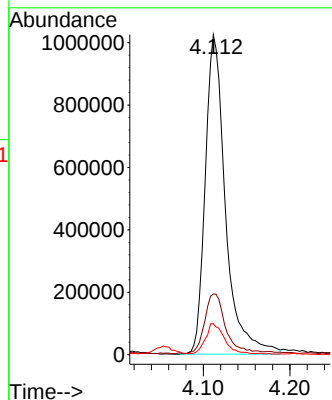
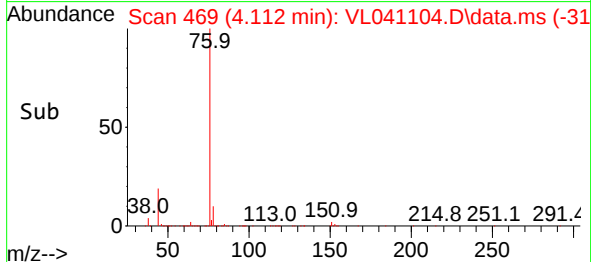
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1665308
Ion Ratio Lower Upper
76 100
44 20.2 16.0 24.0
78 9.7 7.5 11.3

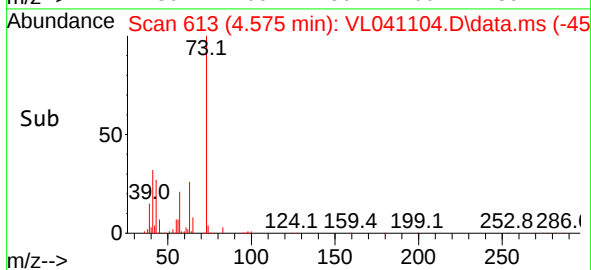
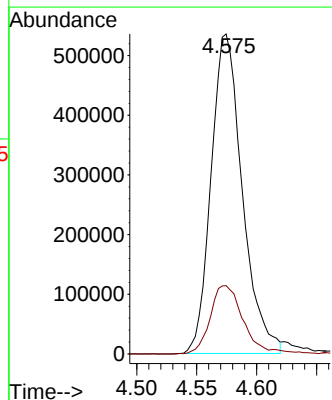
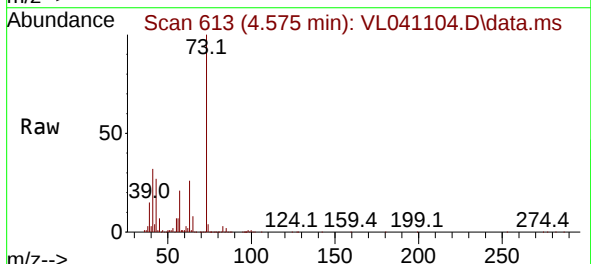
Manual Integrations
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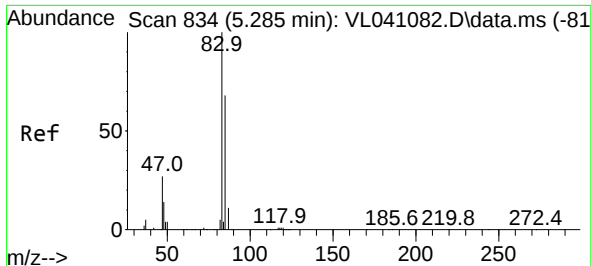
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#28
Methyl tert-Butyl Ether
Concen: 8.656 ppbv
RT: 4.575 min Scan# 613
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Tgt Ion: 73 Resp: 968890
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4





#29

Chloroform

Concen: 9.758 ppbv

RT: 5.266 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 210348

Ion Ratio Lower Upper

83 100

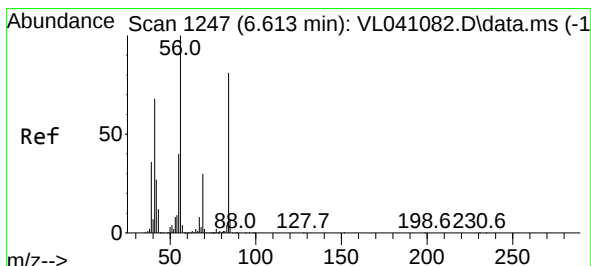
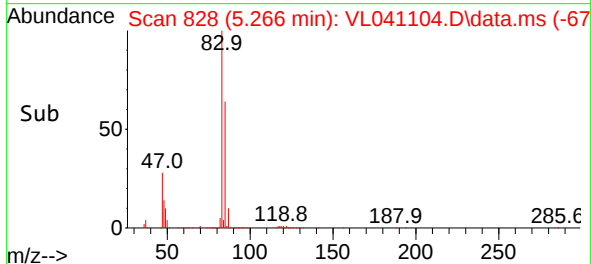
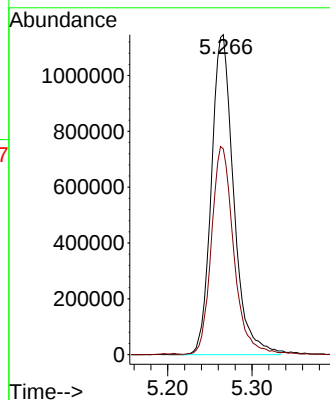
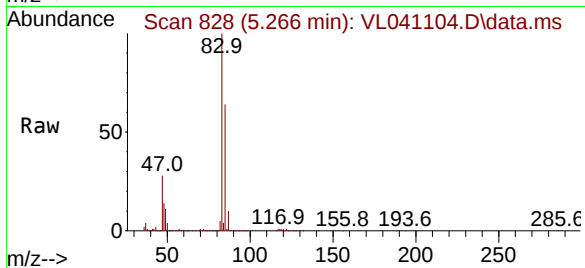
85 64.2 54.6 82.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#30

Cyclohexane

Concen: 10.540 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

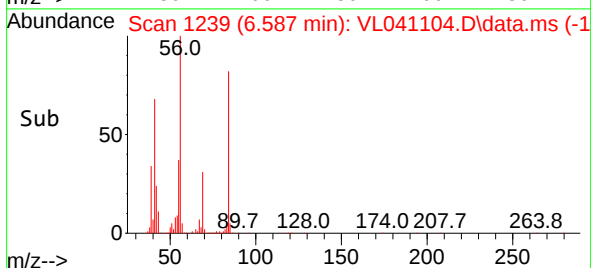
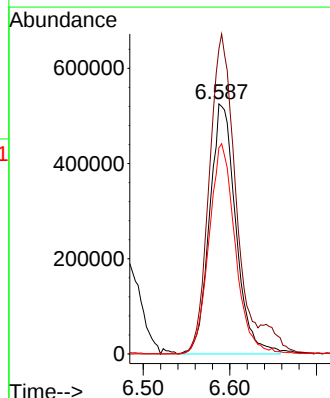
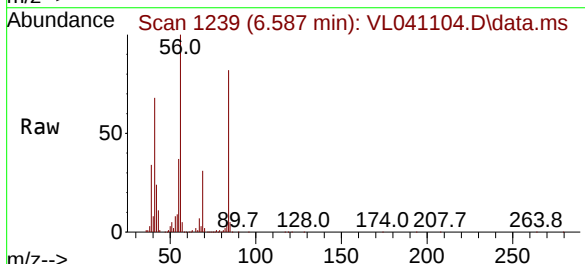
Tgt Ion: 84 Resp: 1105620

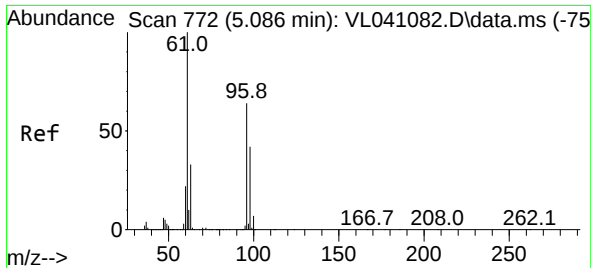
Ion Ratio Lower Upper

84 100

56 135.0 110.4 165.6

41 83.8 70.6 105.8





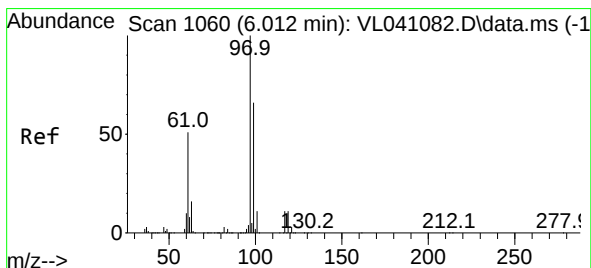
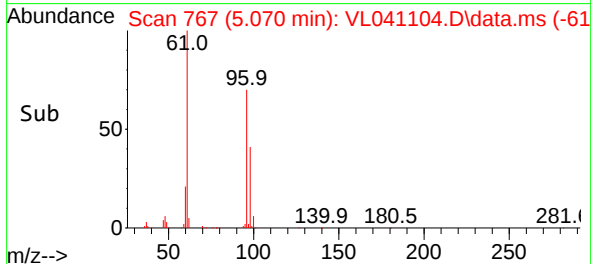
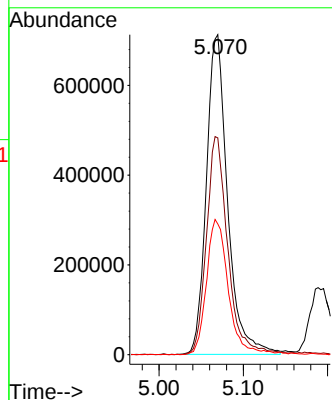
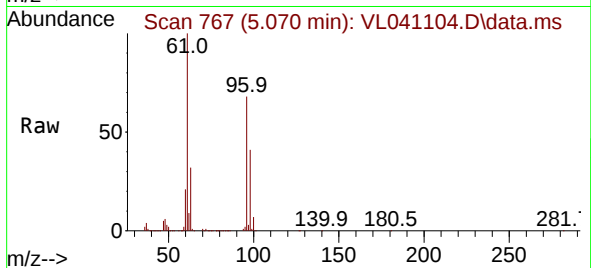
#31
 cis-1,2-Dichloroethene
 Concen: 10.133 ppbv
 RT: 5.070 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VL041104.D
 Acq: 14 Mar 2024 11:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 124867
 Ion Ratio Lower Upper
 61 100
 96 67.7 51.2 76.8
 98 40.9 33.4 50.0

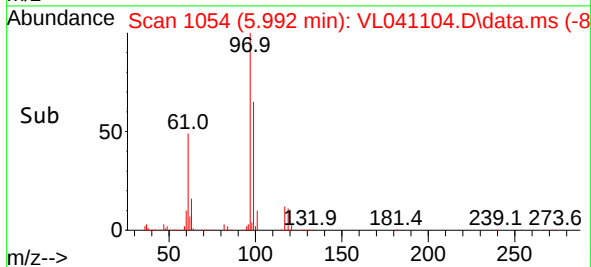
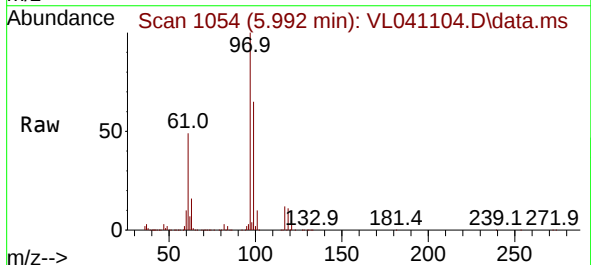
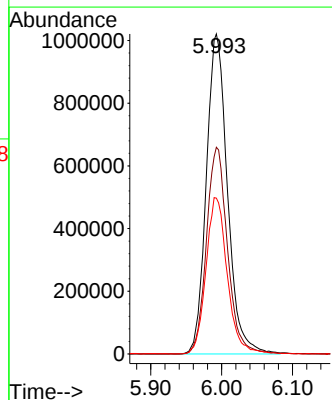
Manual Integrations
 APPROVED

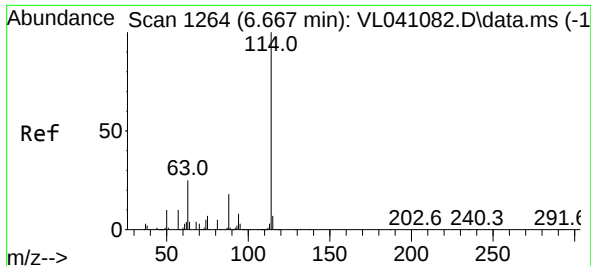
Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024



#32
 1,1,1-Trichloroethane
 Concen: 10.846 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. 0.000 min
 Lab File: VL041104.D
 Acq: 14 Mar 2024 11:37

Tgt Ion: 97 Resp: 2117629
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.4 78.6
 61 49.5 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 356683

Ion Ratio Lower Upper

114 100

63 25.7 21.0 31.6

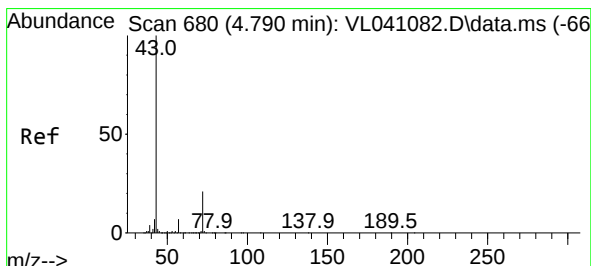
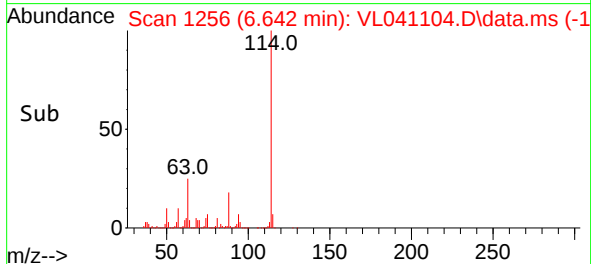
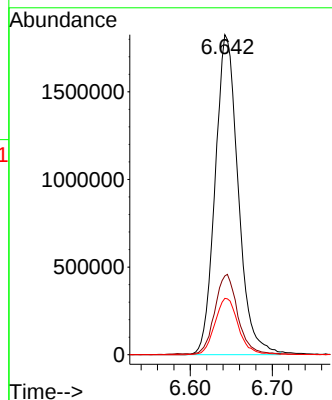
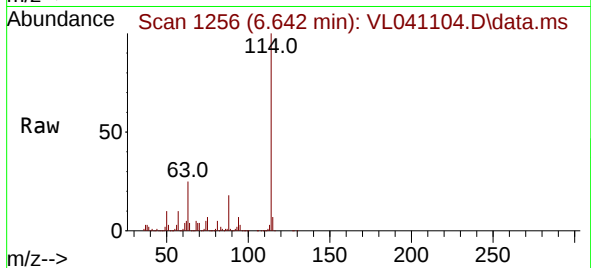
88 18.1 14.6 22.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#34

2-Butanone

Concen: 8.617 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.000 min

Lab File: VL041104.D

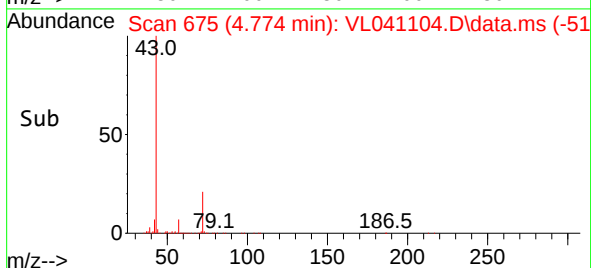
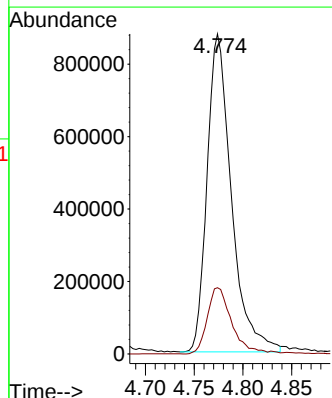
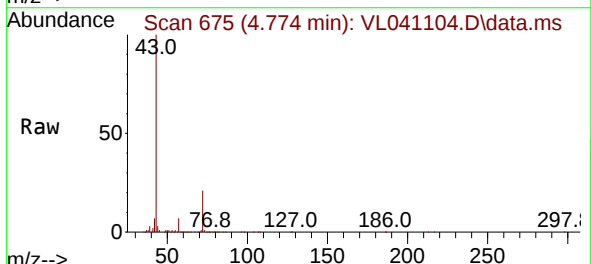
Acq: 14 Mar 2024 11:37

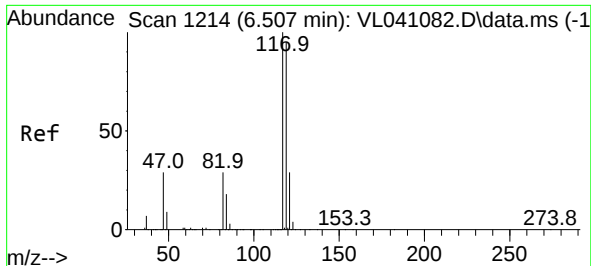
Tgt Ion: 43 Resp: 1521784

Ion Ratio Lower Upper

43 100

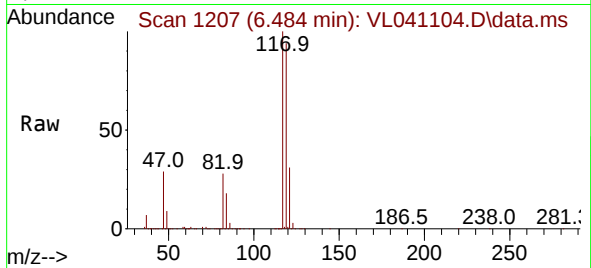
72 21.3 17.4 26.0





#35
Carbon Tetrachloride
Concen: 10.605 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

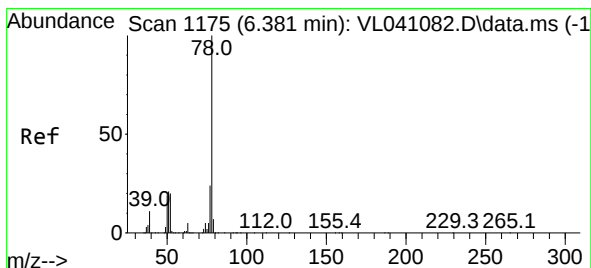
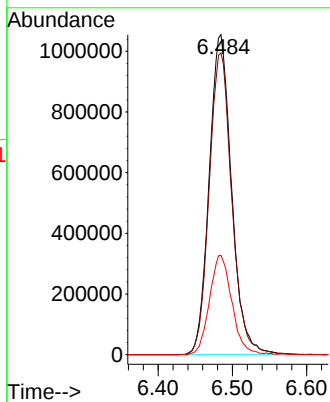
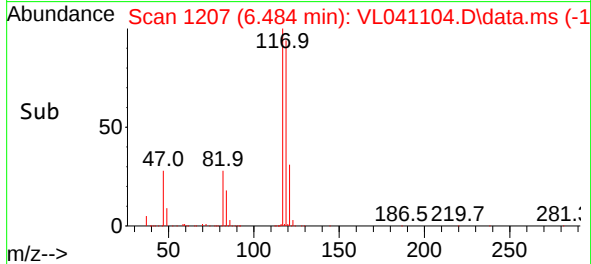
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



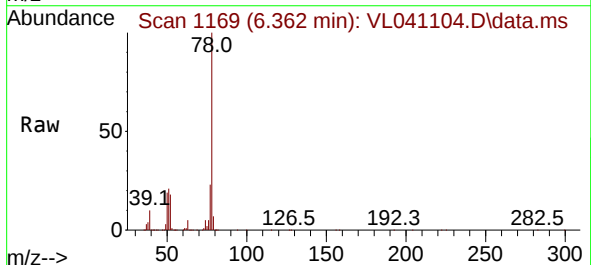
Tgt Ion:117 Resp: 221059
Ion Ratio Lower Upper
117 100
119 94.3 75.6 113.4
121 31.1 23.4 35.2

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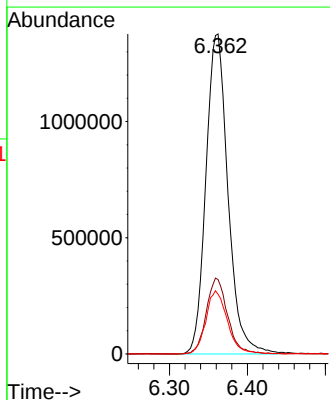
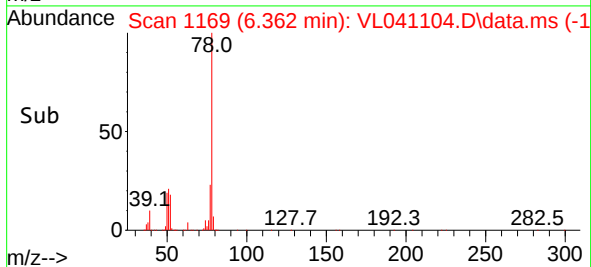
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

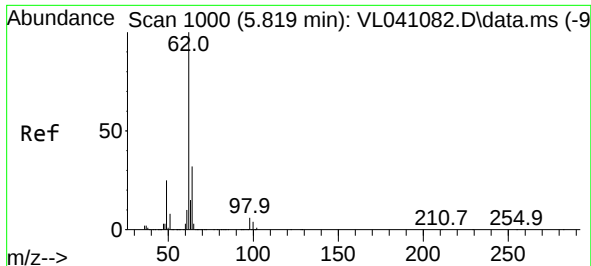


#36
Benzene
Concen: 10.210 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37



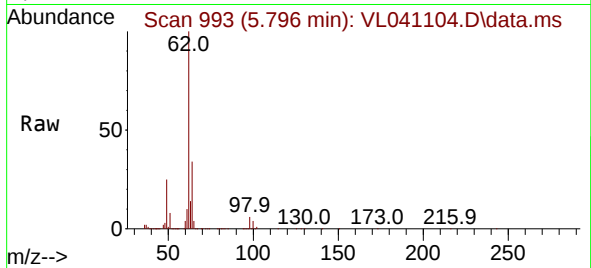
Tgt Ion: 78 Resp: 2710846
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2
50 18.6 15.5 23.3





#37
1,2-Dichloroethane
Concen: 10.018 ppbv
RT: 5.796 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

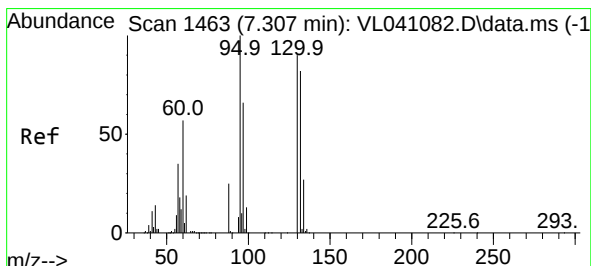
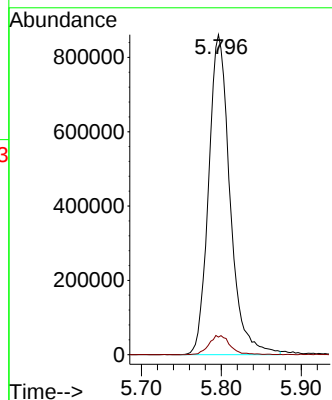
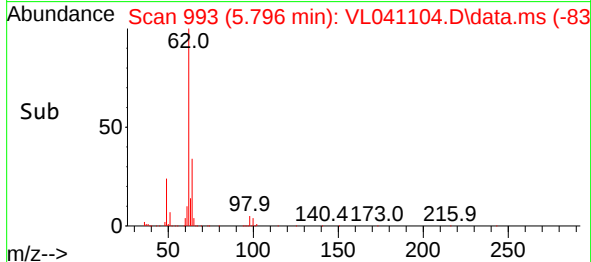
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 160019
Ion Ratio Lower Upper
62 100
98 6.0 4.6 6.8

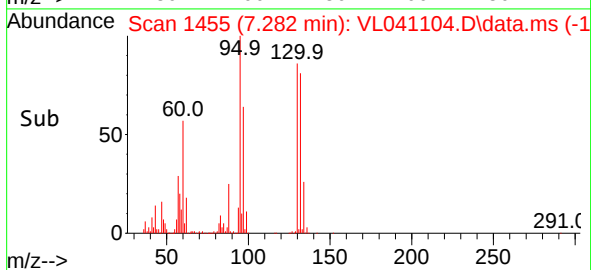
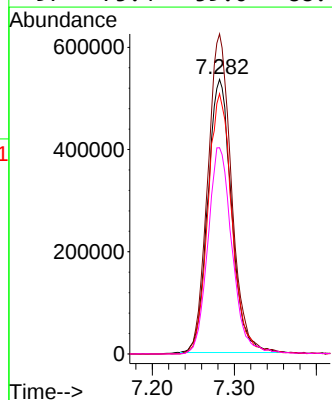
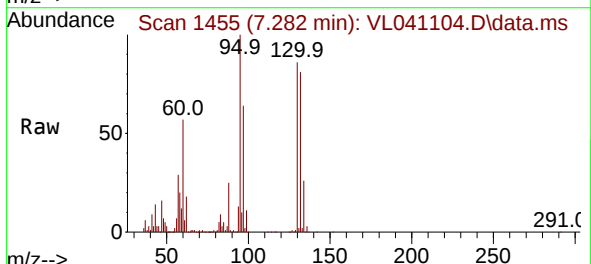
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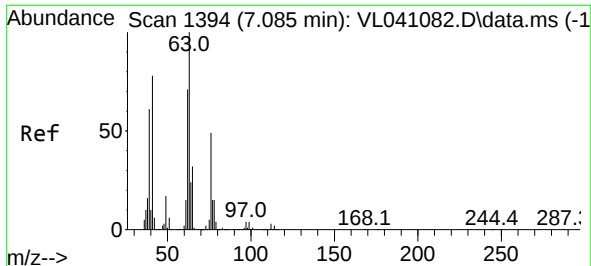
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#38
Trichloroethene
Concen: 11.156 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Tgt Ion:130 Resp: 1075842
Ion Ratio Lower Upper
130 100
95 117.0 88.8 133.2
132 95.2 73.0 109.4
97 75.4 59.0 88.4





#39

1,2-Dichloropropane

Concen: 9.941 ppbv

RT: 7.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 1055750

Ion Ratio Lower Upper

63 100

41 74.0 62.2 93.4

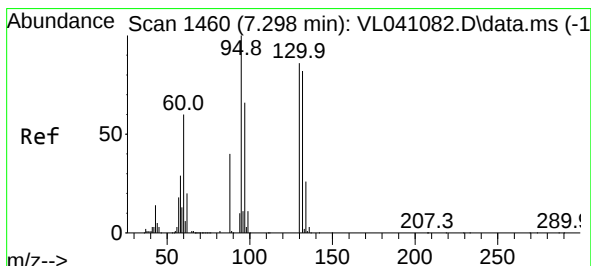
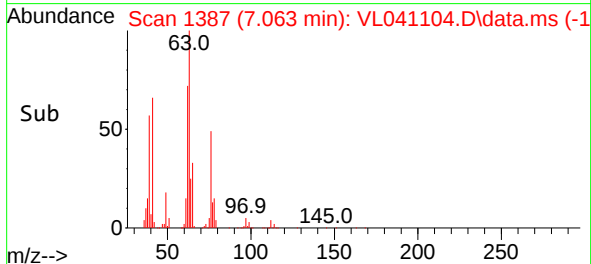
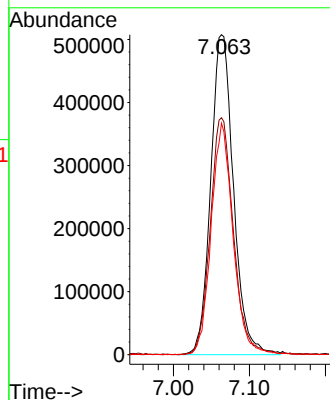
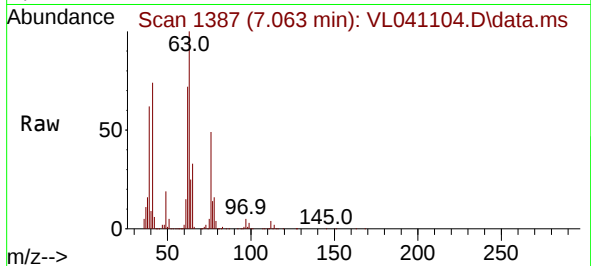
62 72.2 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#40

1,4-Dioxane

Concen: 9.439 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

Tgt Ion: 88 Resp: 394672

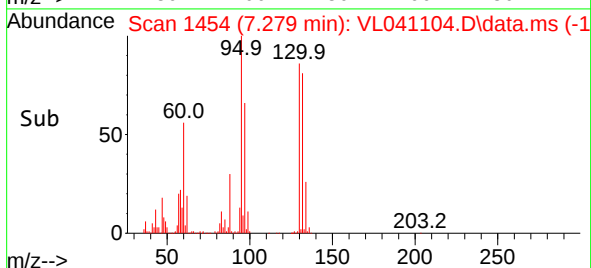
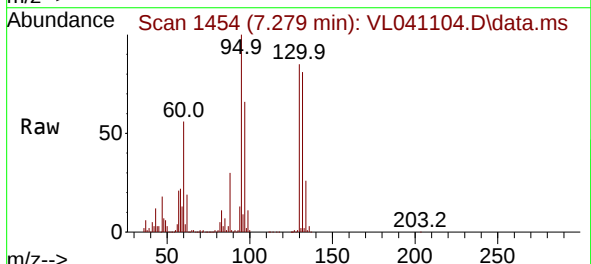
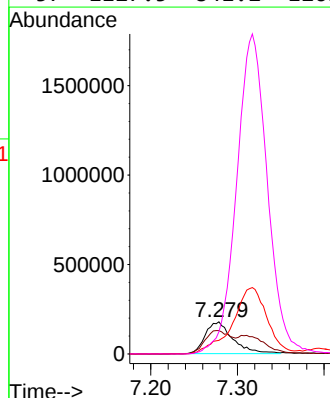
Ion Ratio Lower Upper

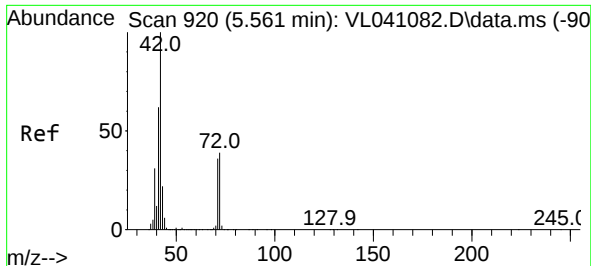
88 100

58 128.5 96.3 144.5

43 263.2 195.7 293.5

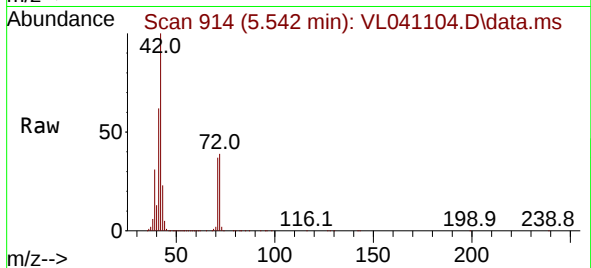
57 1127.5 841.2 1261.8





#41
Tetrahydrofuran
Concen: 10.329 ppbv
RT: 5.542 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

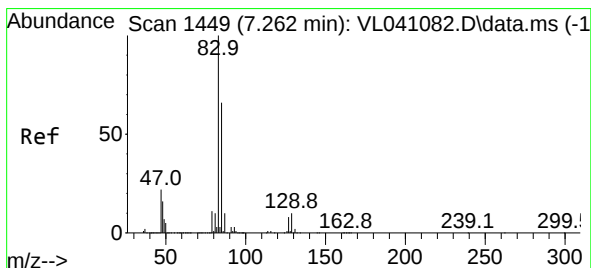
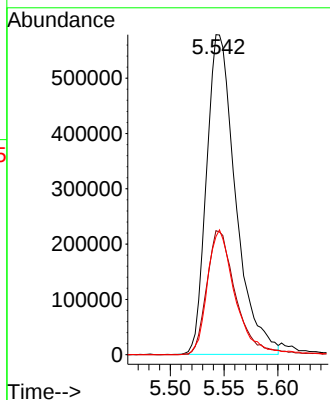
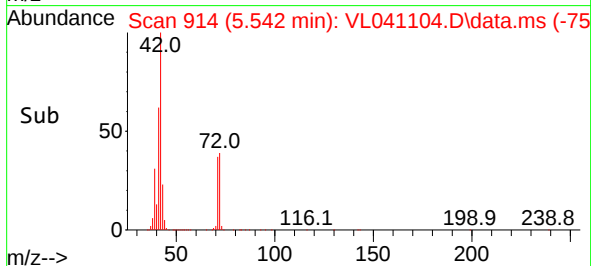
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



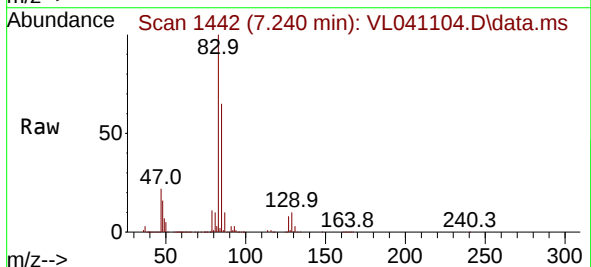
Tgt Ion: 42 Resp: 108563
Ion Ratio Lower Upper
42 100
72 39.2 30.7 46.1
71 37.9 29.6 44.4

Manual Integrations
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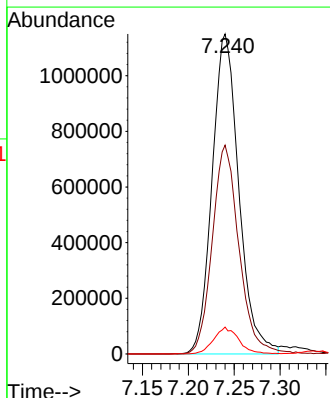
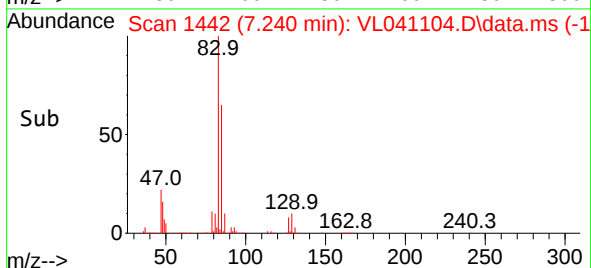
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

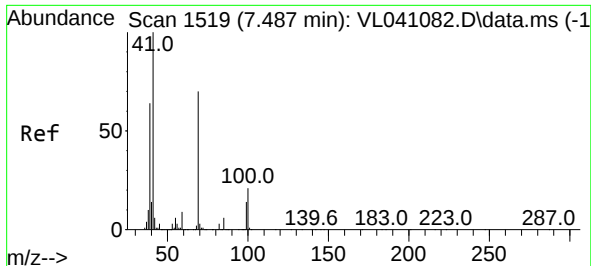


#42
Bromodichloromethane
Concen: 10.184 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37



Tgt Ion: 83 Resp: 2330561
Ion Ratio Lower Upper
83 100
85 65.2 53.1 79.7
127 8.4 6.2 9.4





#43

Methyl Methacrylate

Concen: 10.959 ppbv

RT: 7.465 min Scan# 112554

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 112554

Ion Ratio Lower Upper

69 100

41 147.7 118.2 177.4

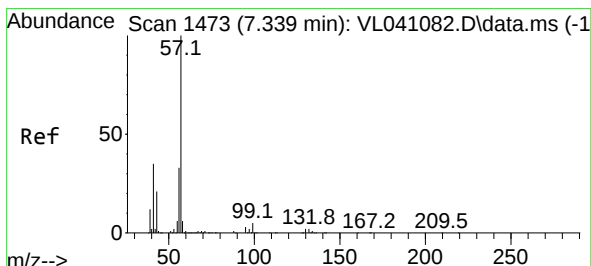
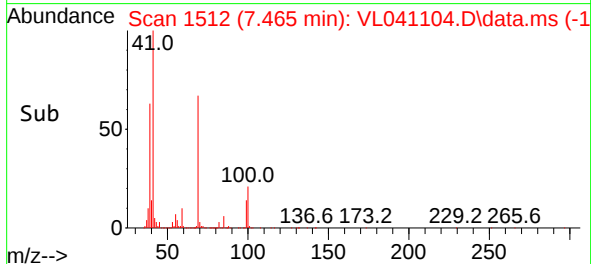
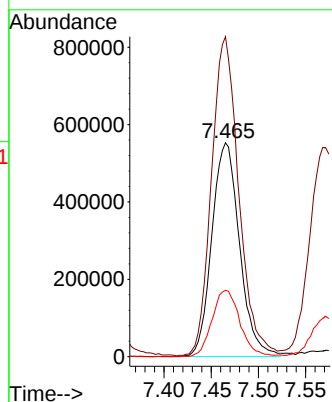
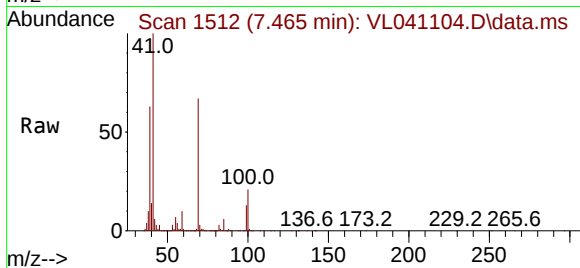
100 31.2 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#44

2,2,4-Trimethylpentane

Concen: 10.018 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

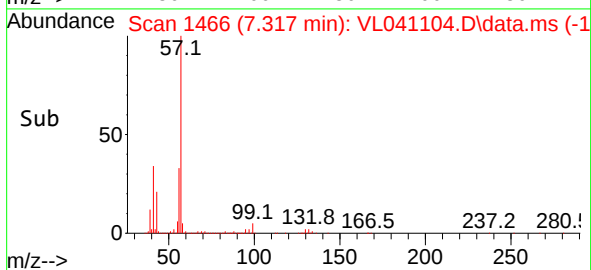
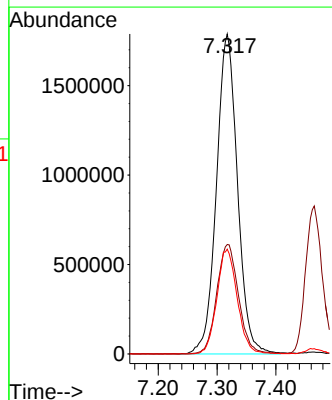
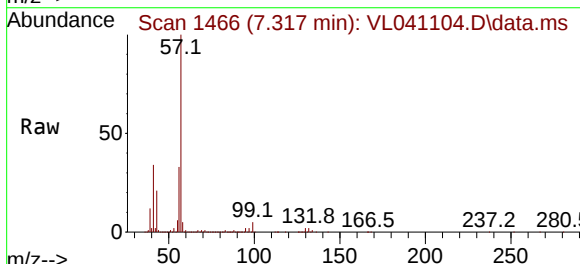
Tgt Ion: 57 Resp: 4441796

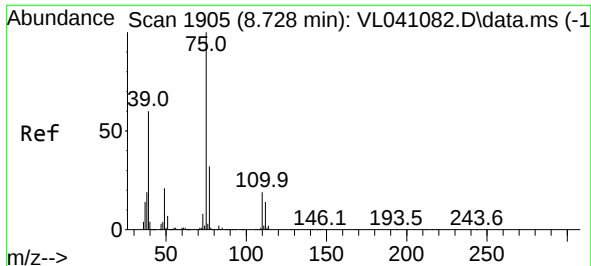
Ion Ratio Lower Upper

57 100

41 35.6 28.0 42.0

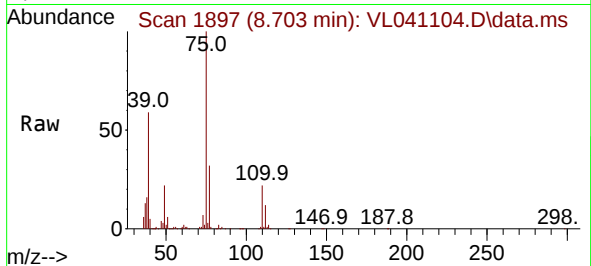
56 31.9 25.7 38.5





#45
t-1,3-Dichloropropene
Concen: 8.357 ppbv
RT: 8.703 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

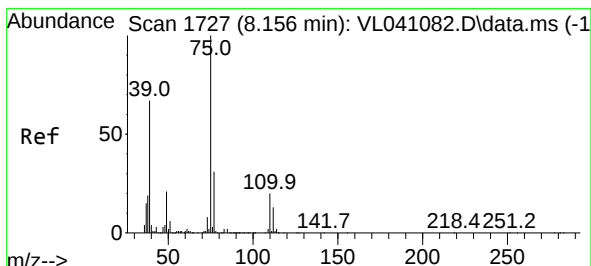
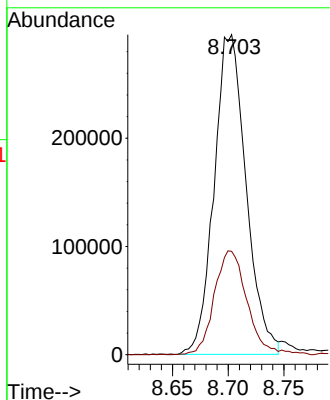
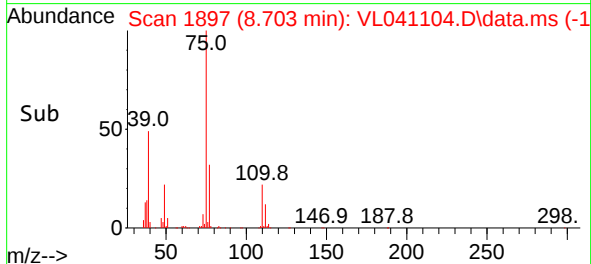
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 590774
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9

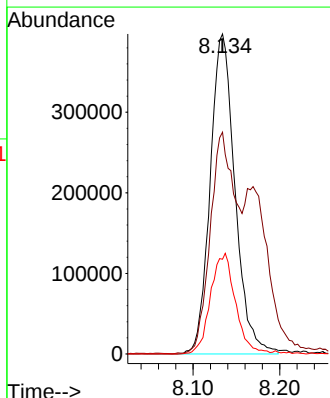
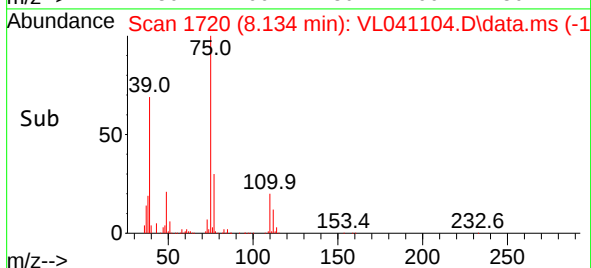
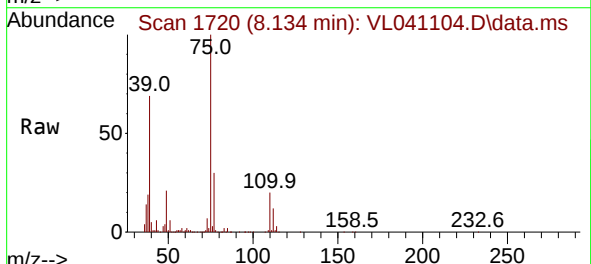
Manual Integrations
APPROVED

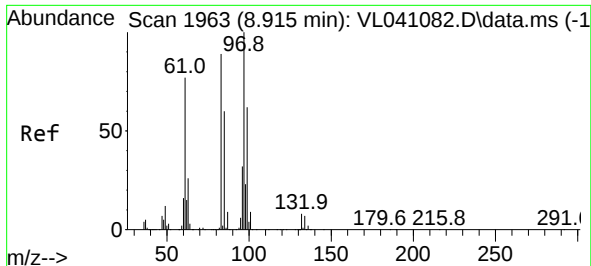
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#46
cis-1,3-Dichloropropene
Concen: 8.900 ppbv
RT: 8.134 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Tgt Ion: 75 Resp: 790160
Ion Ratio Lower Upper
75 100
39 69.0 53.3 79.9
77 29.6 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.137 ppbv

RT: 8.890 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VL041104.D

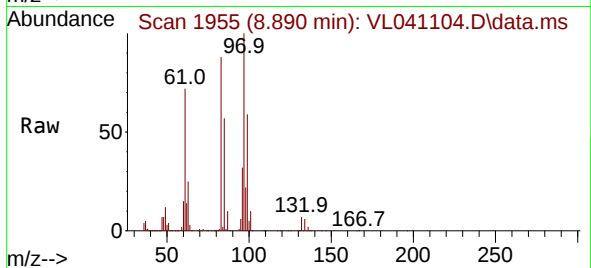
Acq: 14 Mar 2024 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 97 Resp: 114834

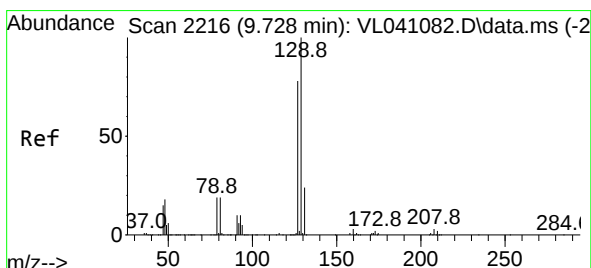
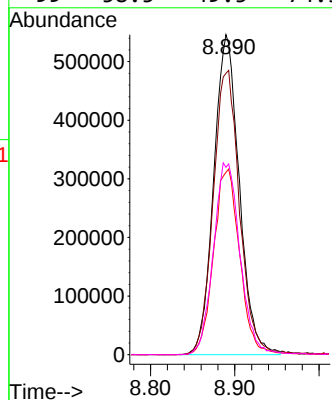
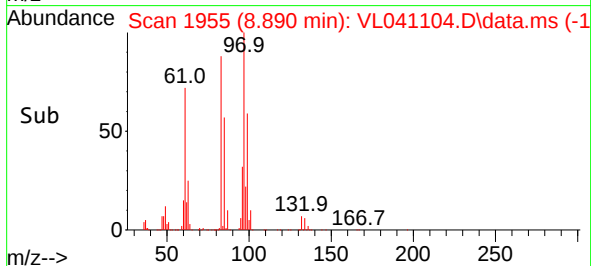
Ion	Ratio	Lower	Upper
97	100		
83	87.8	71.1	106.7
85	57.0	48.2	72.2
99	58.5	49.5	74.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#48

Dibromochloromethane

Concen: 10.712 ppbv

RT: 9.700 min Scan# 2207

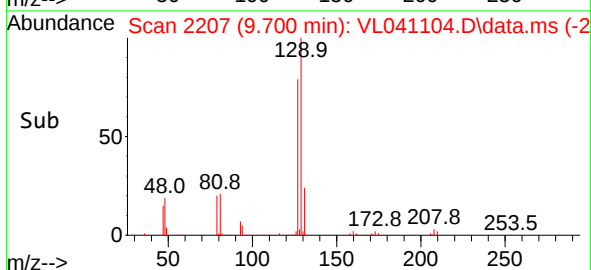
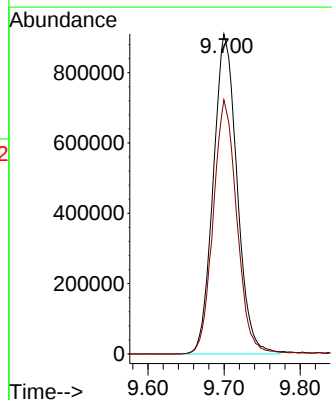
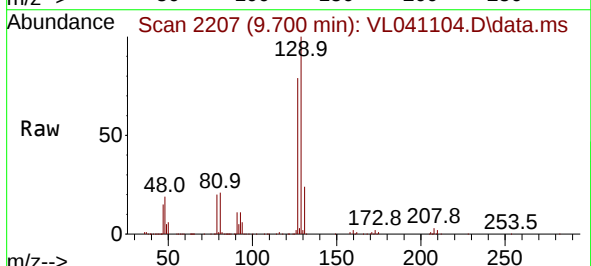
Delta R.T. 0.000 min

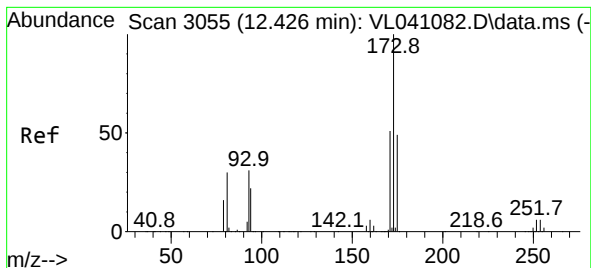
Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

Tgt Ion:129 Resp: 1977933

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.6	118.8





#49

Bromoform

Concen: 10.722 ppbv

RT: 12.401 min Scan# 3055

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1574752

Ion Ratio Lower Upper

173 100

175 50.3 39.0 58.6

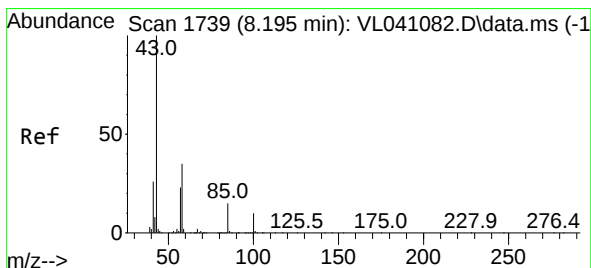
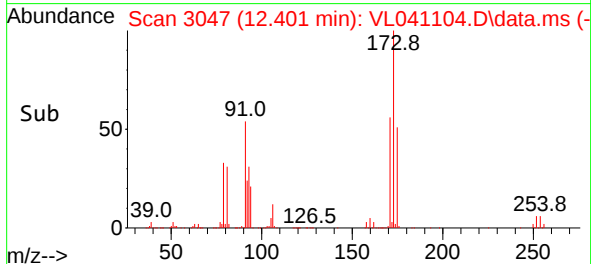
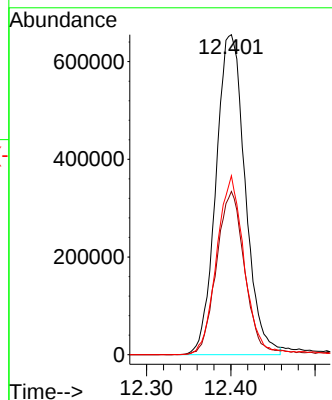
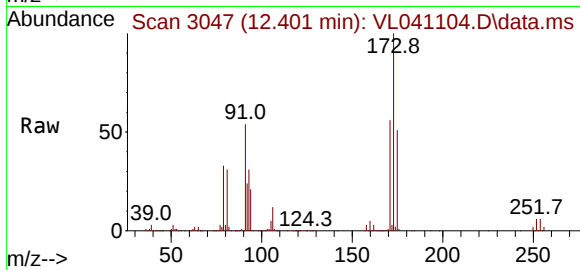
171 53.5 41.8 62.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#50

4-Methyl-2-Pentanone

Concen: 10.878 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. 0.000 min

Lab File: VL041104.D

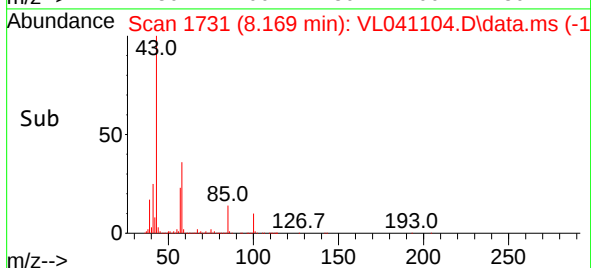
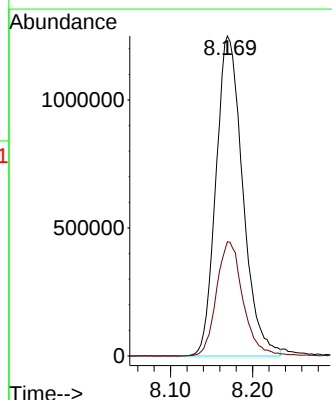
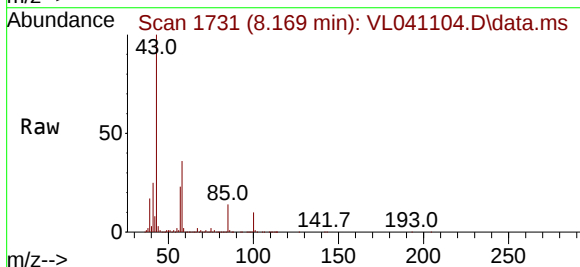
Acq: 14 Mar 2024 11:37

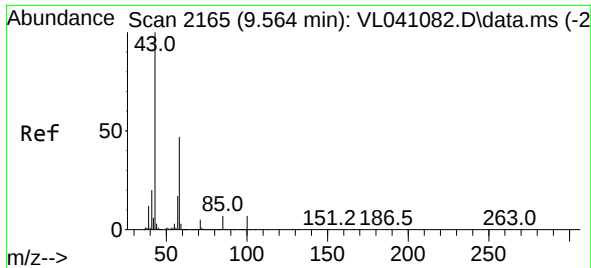
Tgt Ion: 43 Resp: 2833253

Ion Ratio Lower Upper

43 100

58 35.6 28.3 42.5





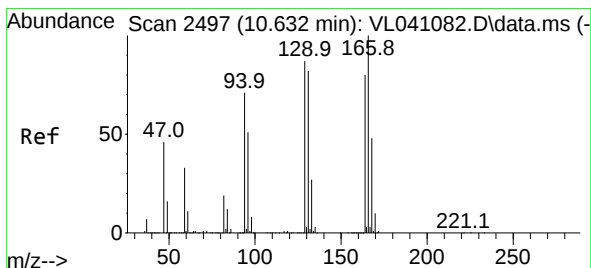
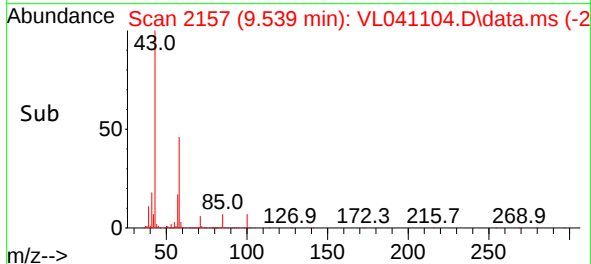
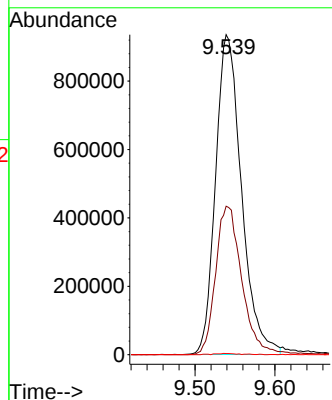
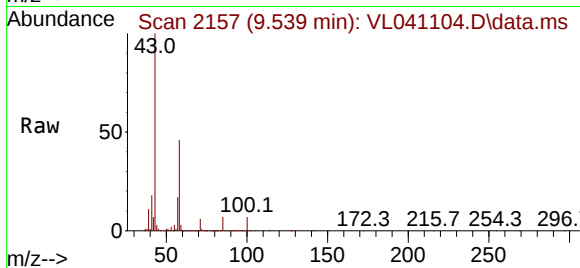
#51
2-Hexanone
Concen: 11.027 ppbv
RT: 9.539 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2103950
Ion Ratio Lower Upper
43 100
58 47.2 37.4 56.2
98 0.4 0.4 0.6

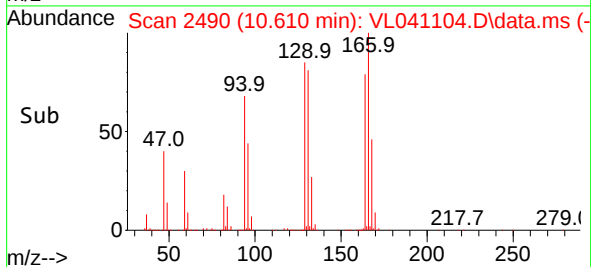
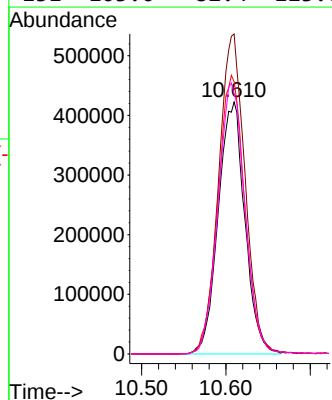
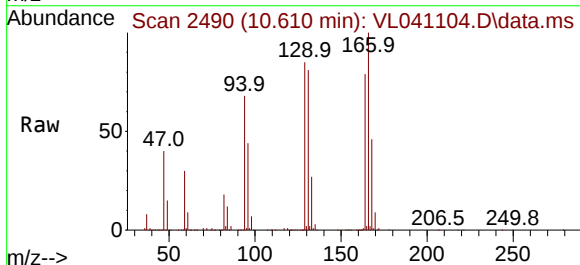
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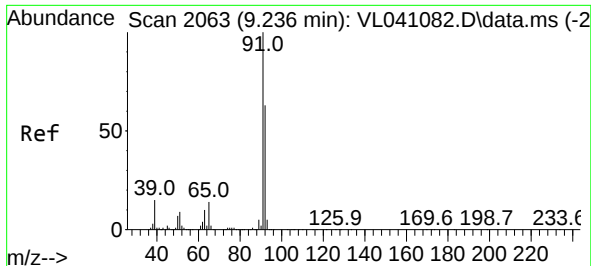
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#52
Tetrachloroethene
Concen: 11.235 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Tgt Ion:164 Resp: 925159
Ion Ratio Lower Upper
164 100
166 127.0 100.6 150.8
129 107.8 87.2 130.8
131 103.0 82.4 123.6





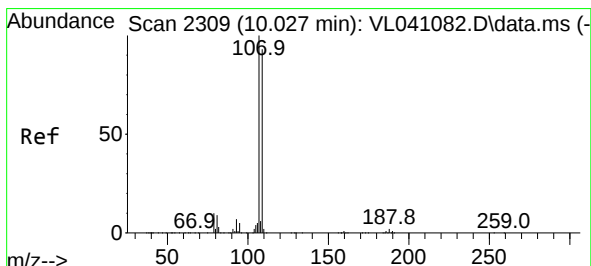
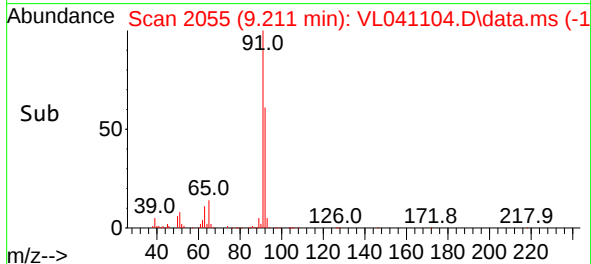
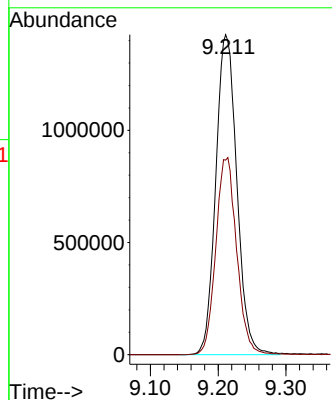
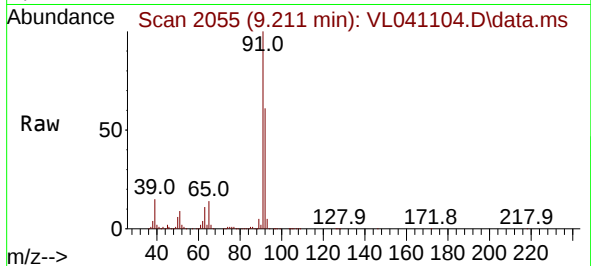
#53
Toluene
Concen: 10.761 ppbv
RT: 9.211 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3079509
Ion Ratio Lower Upper
91 100
92 61.2 48.9 73.3

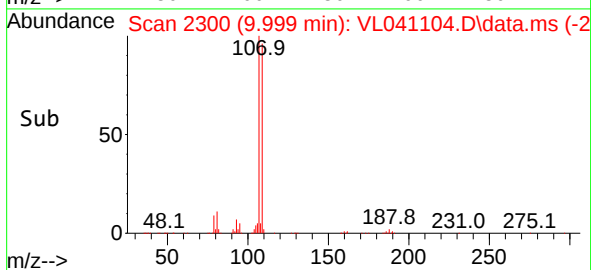
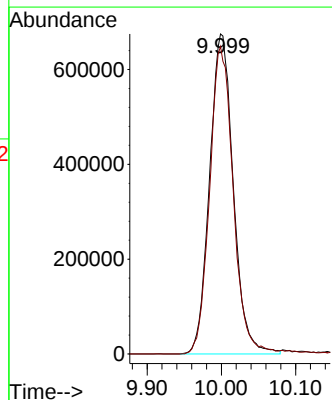
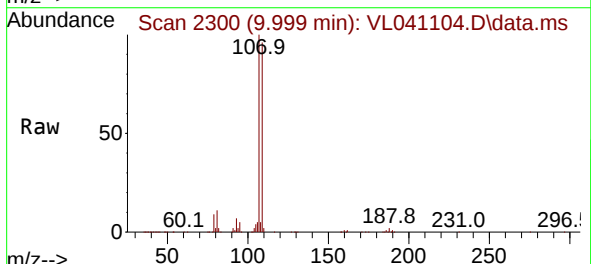
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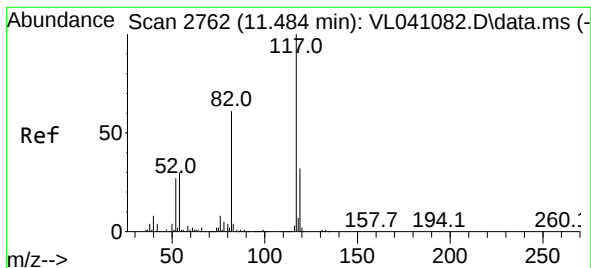
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#54
1,2-Dibromoethane
Concen: 10.297 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

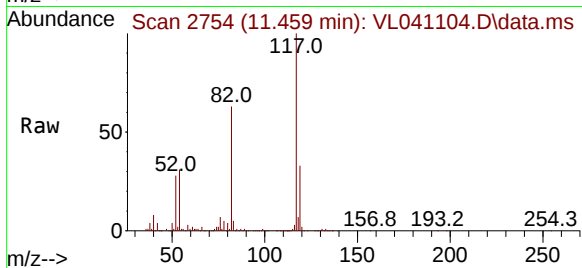
Tgt Ion:107 Resp: 1500163
Ion Ratio Lower Upper
107 100
109 96.1 74.4 111.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.459 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

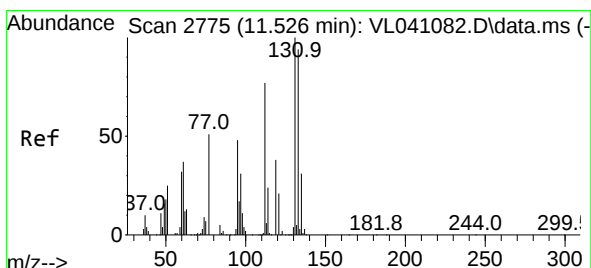
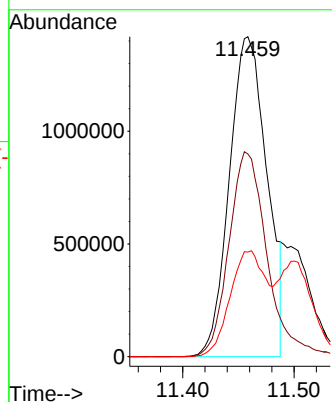
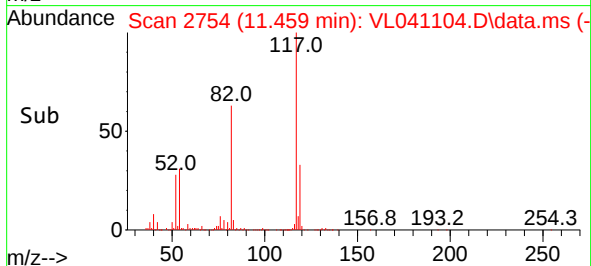
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



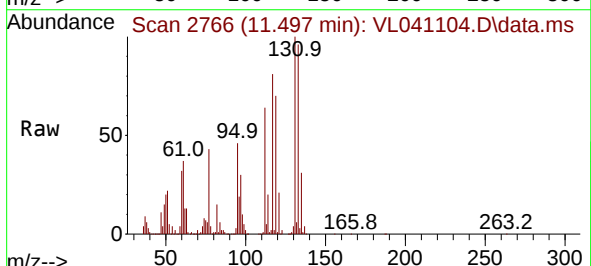
Tgt Ion:117 Resp: 3320264
Ion Ratio Lower Upper
117 100
82 66.2 51.4 77.2
119 30.8 23.7 35.5

Manual Integrations
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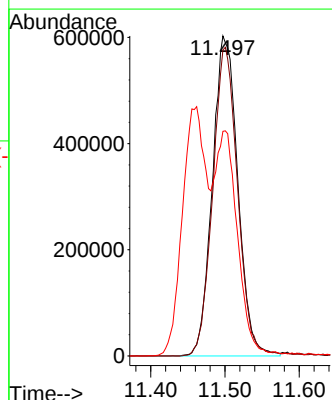
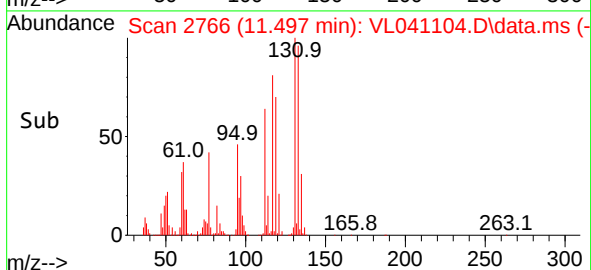
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

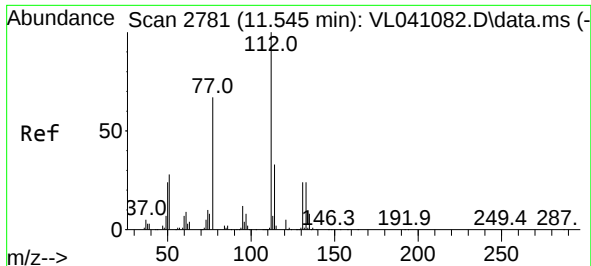


#56
1,1,1,2-Tetrachloroethane
Concen: 10.088 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37



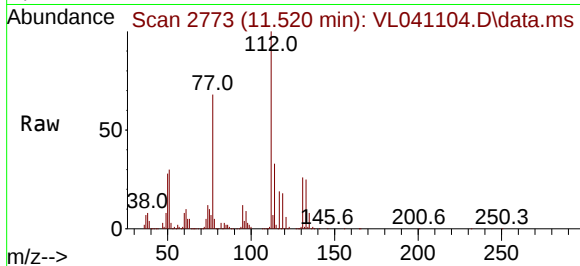
Tgt Ion:131 Resp: 1433079
Ion Ratio Lower Upper
131 100
133 95.2 76.1 114.1
119 66.5 51.1 76.7





#57
Chlorobenzene
Concen: 10.157 ppbv
RT: 11.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

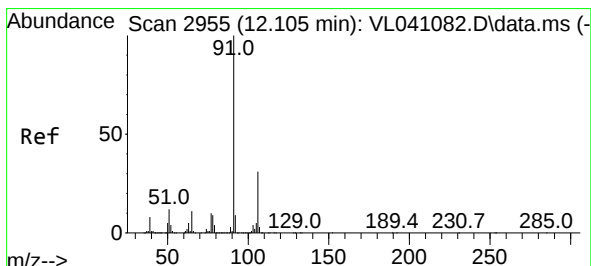
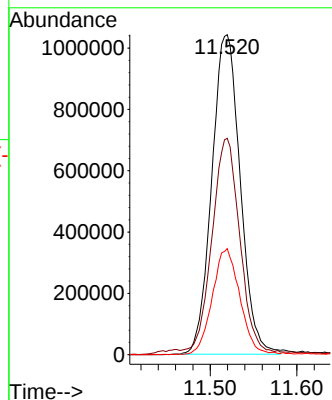
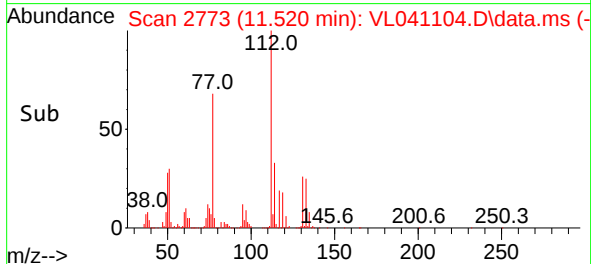
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 2377269
Ion Ratio Lower Upper
112 100
77 66.8 54.6 81.8
114 33.1 29.4 36.0

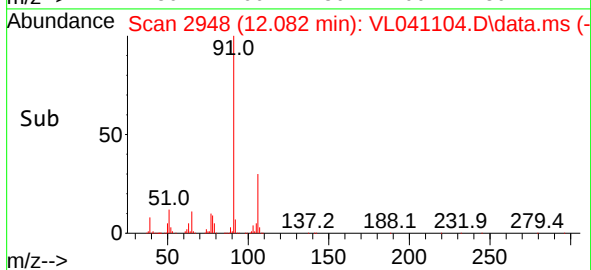
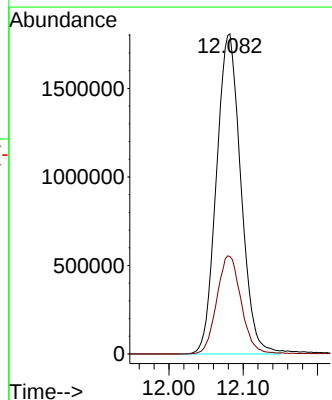
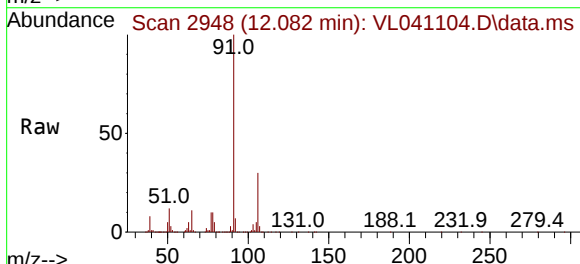
Manual Integrations
APPROVED

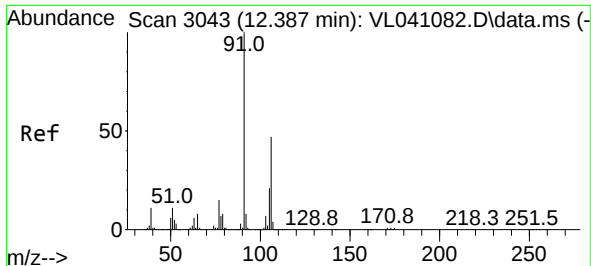
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#58
Ethyl Benzene
Concen: 10.622 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Tgt Ion: 91 Resp: 4129206
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8





#59

m/p-Xylene

Concen: 20.671 ppbv m

RT: 12.362 min Scan# 3043

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 705336

Ion Ratio Lower Upper

91 100

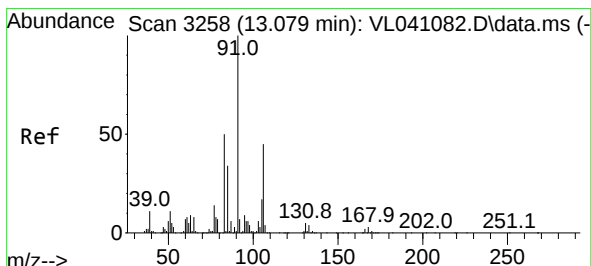
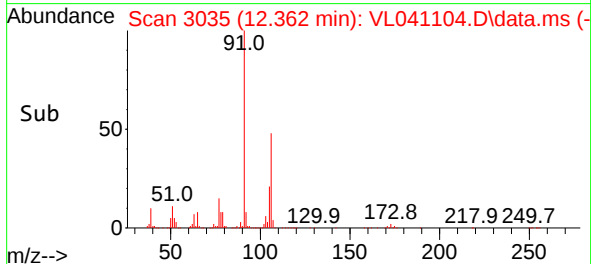
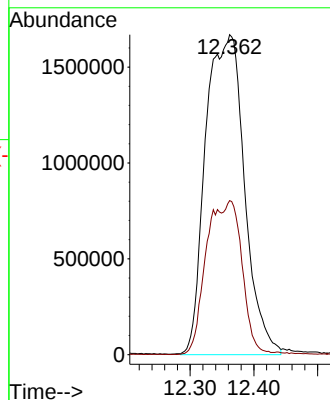
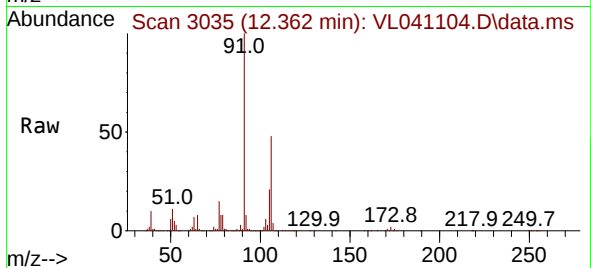
106 44.8 35.4 53.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#60

o-Xylene

Concen: 10.354 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VL041104.D

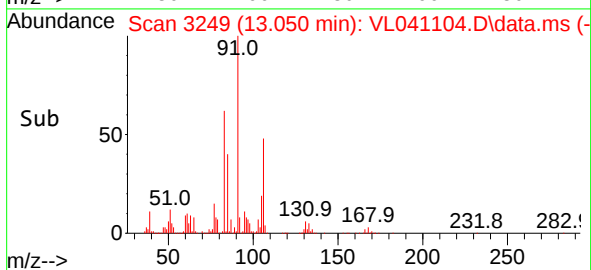
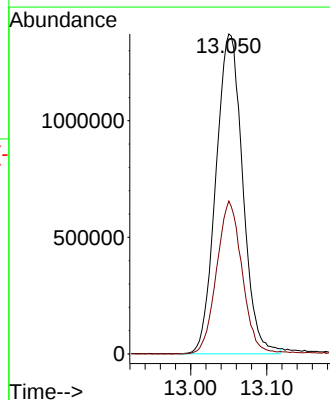
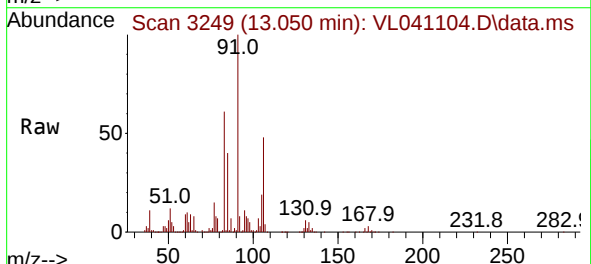
Acq: 14 Mar 2024 11:37

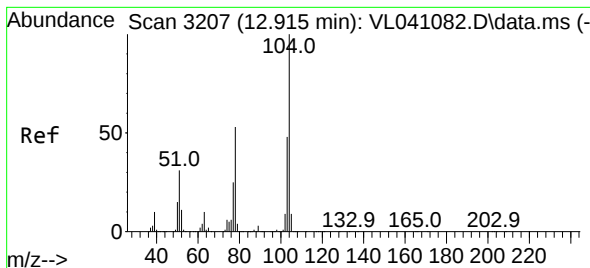
Tgt Ion: 91 Resp: 3354503

Ion Ratio Lower Upper

91 100

106 46.5 22.4 67.3





#61

Styrene

Concen: 11.708 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 171294

Ion Ratio Lower Upper

104 100

78 53.1 42.6 64.0

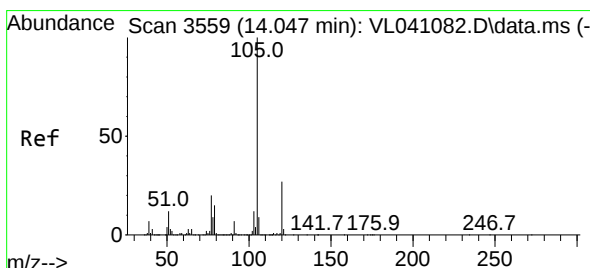
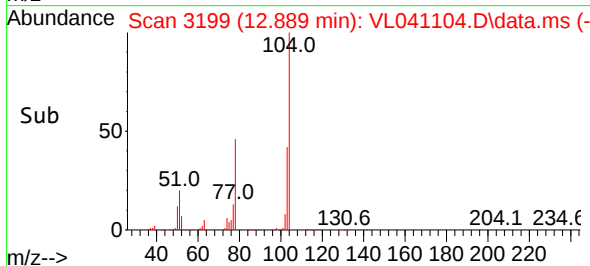
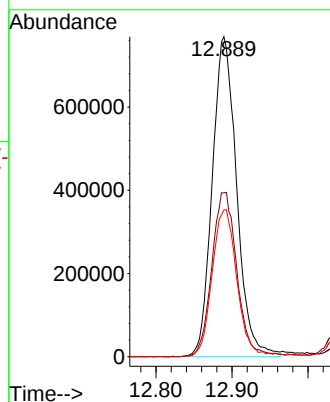
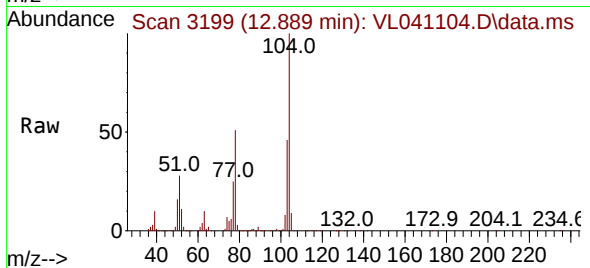
103 47.4 37.3 55.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#62

Isopropylbenzene

Concen: 10.221 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. 0.000 min

Lab File: VL041104.D

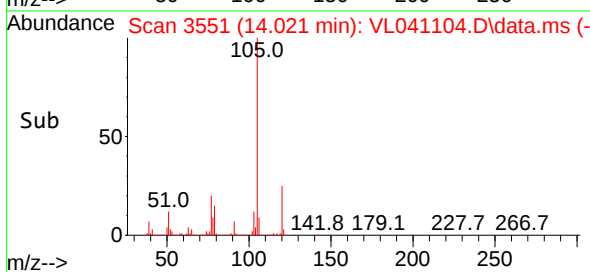
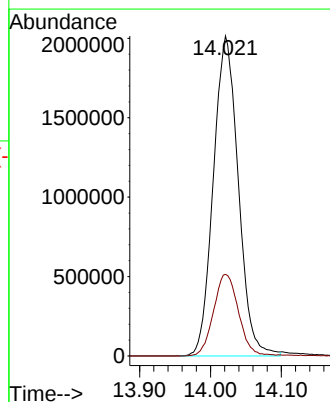
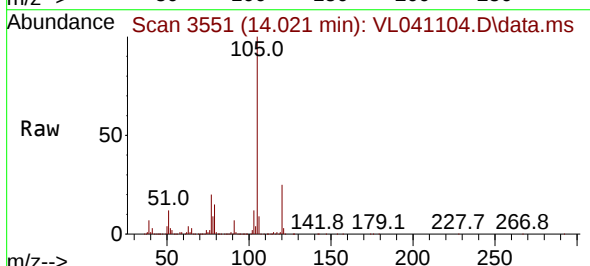
Acq: 14 Mar 2024 11:37

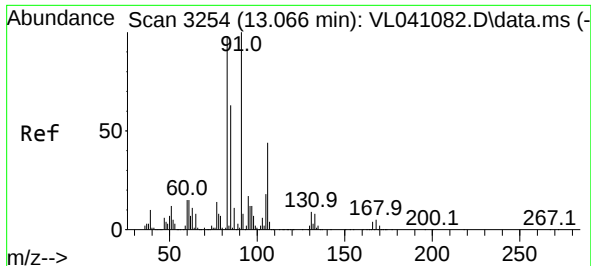
Tgt Ion:105 Resp: 4919313

Ion Ratio Lower Upper

105 100

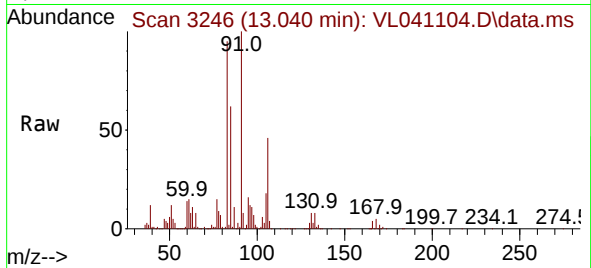
120 25.9 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 10.404 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

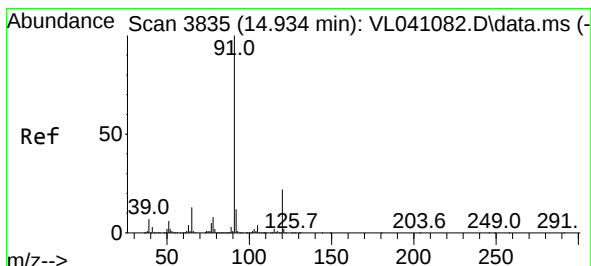
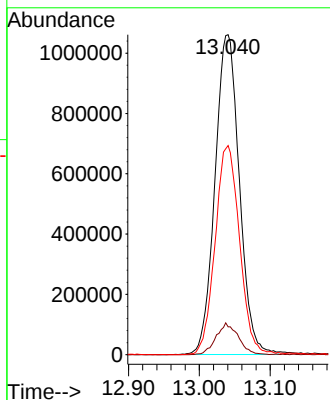
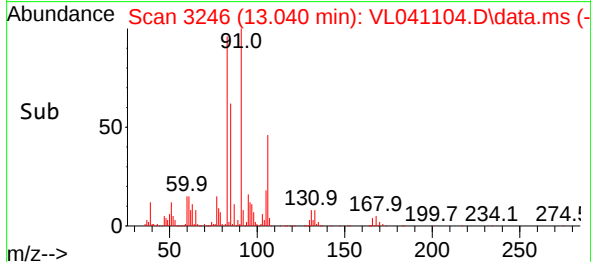
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



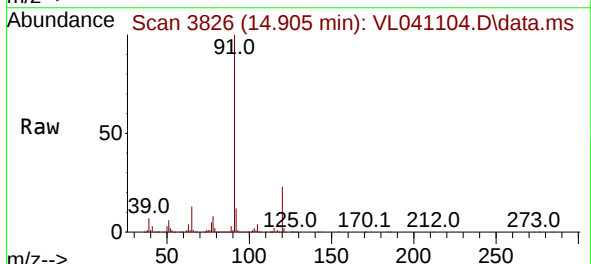
Tgt Ion: 83 Resp: 253352
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.0
85 66.2 32.7 98.1

Manual Integrations
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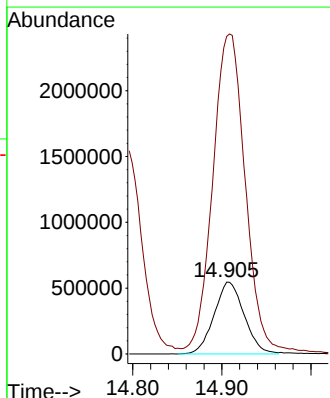
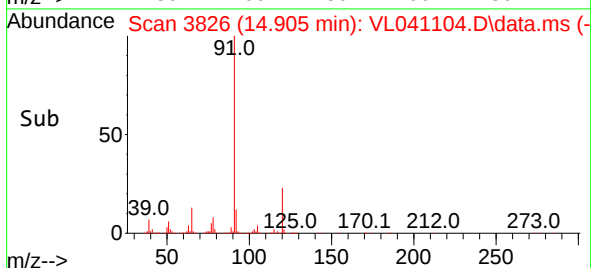
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

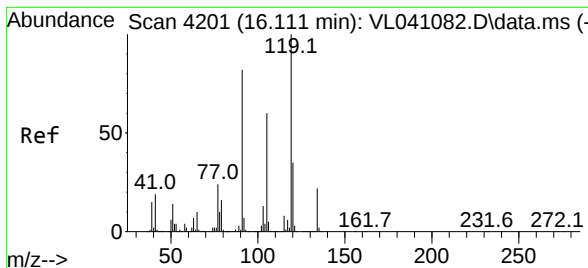


#64
n-propylbenzene
Concen: 10.582 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37



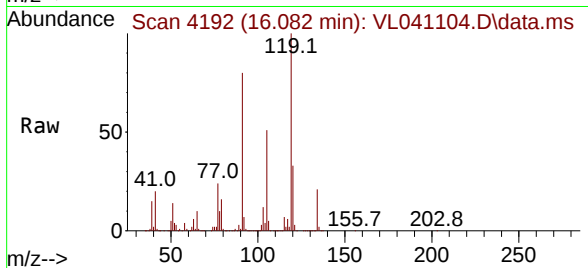
Tgt Ion:120 Resp: 1281502
Ion Ratio Lower Upper
120 100
91 486.7 387.5 581.3





#65
tert-Butylbenzene
Concen: 10.444 ppbv
RT: 16.082 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

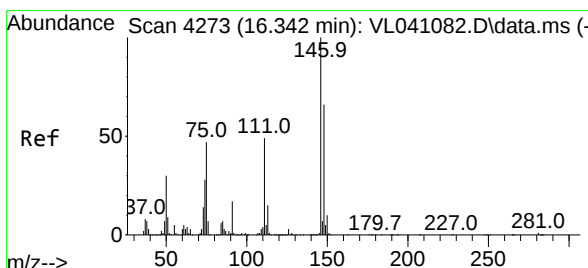
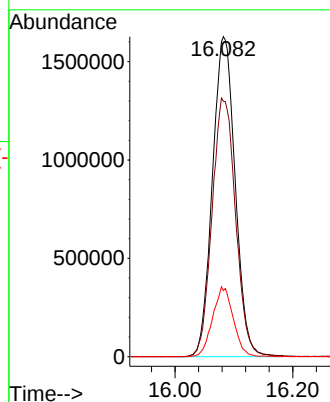
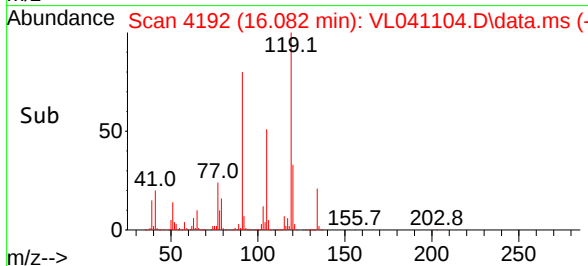
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 436884
Ion Ratio Lower Upper
119 100
91 83.5 67.8 101.8
134 19.9 16.2 24.2

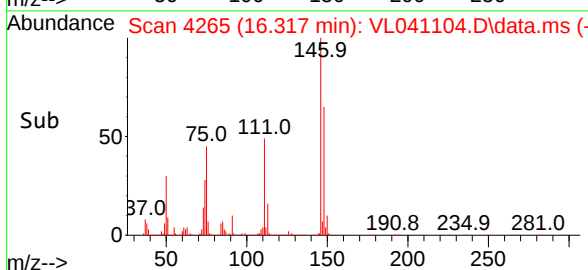
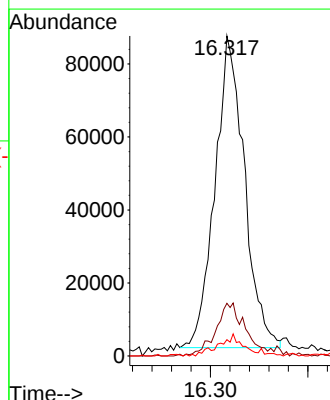
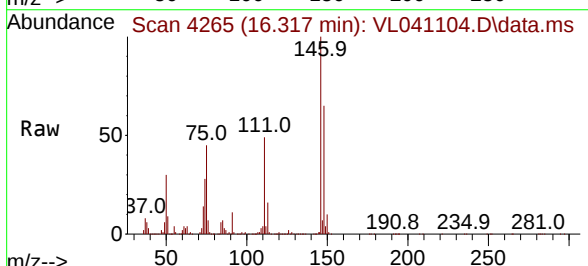
Manual Integrations
APPROVED

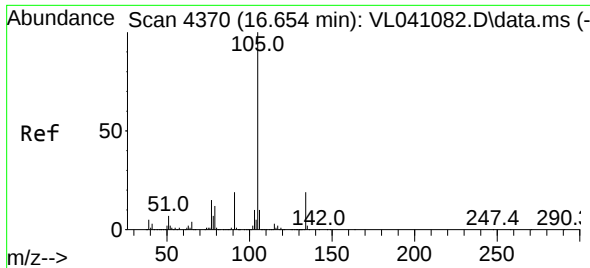
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#66
Benzyl Chloride
Concen: 6.322 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

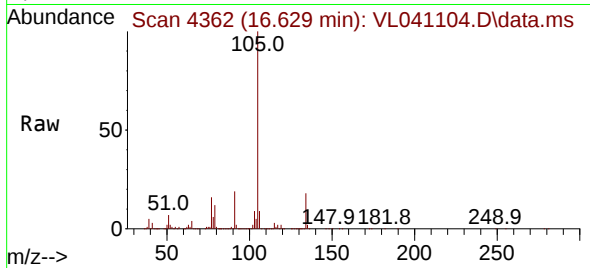
Tgt Ion: 91 Resp: 179169
Ion Ratio Lower Upper
91 100
126 18.3 14.1 21.1
128 6.7 4.6 7.0





#67
 sec-Butylbenzene
 Concen: 10.255 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041104.D
 Acq: 14 Mar 2024 11:37

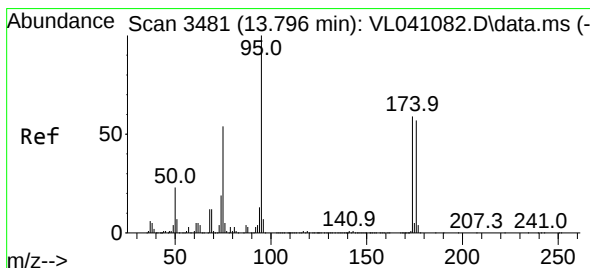
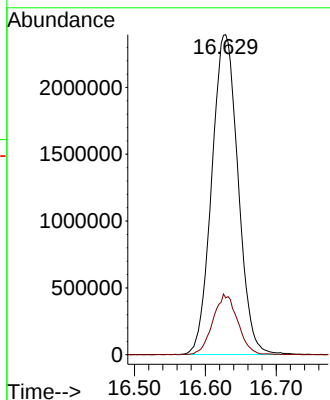
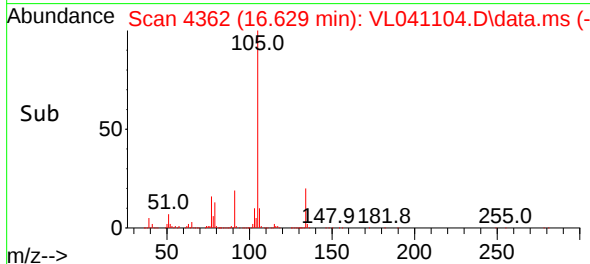
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 6170534
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5

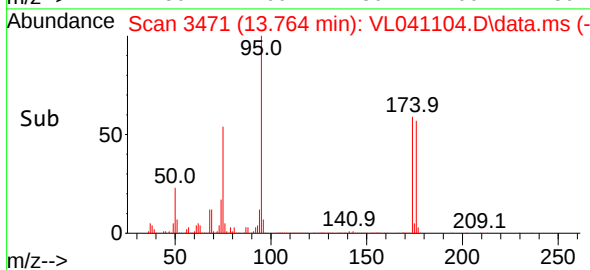
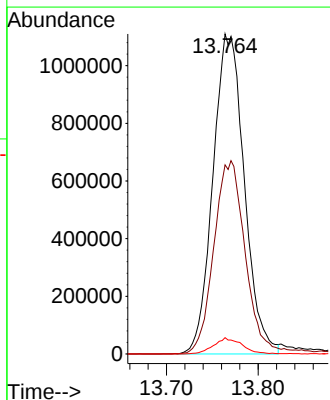
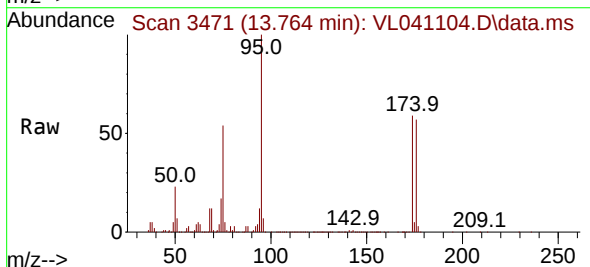
Manual Integrations
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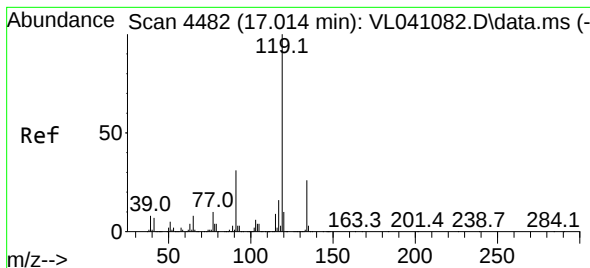
Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.158 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.000 min
 Lab File: VL041104.D
 Acq: 14 Mar 2024 11:37

Tgt Ion: 95 Resp: 2636862
 Ion Ratio Lower Upper
 95 100
 174 61.9 47.8 71.8
 175 4.6 3.5 5.3





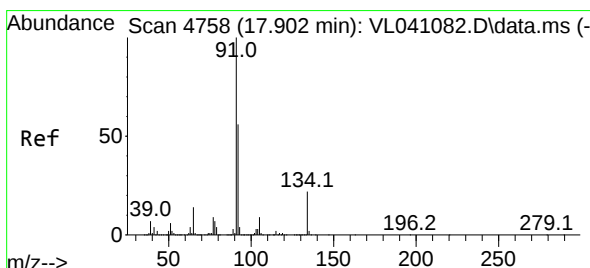
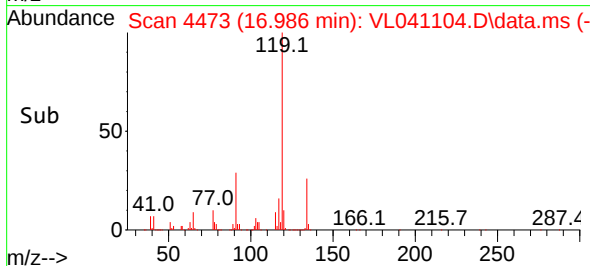
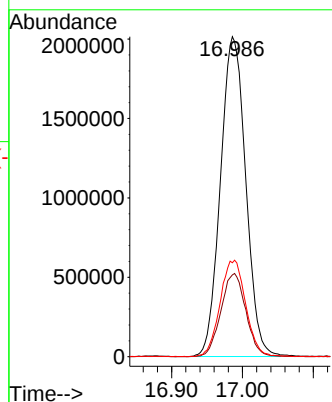
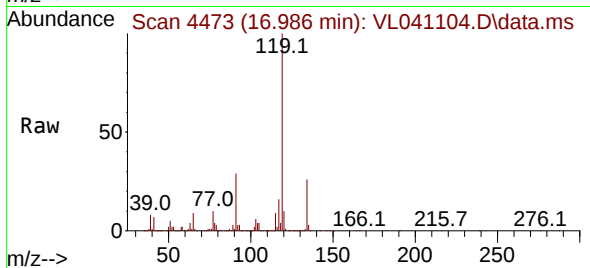
#69
p-Isopropyltoluene
Concen: 10.636 ppbv
RT: 16.986 min Scan# 4482
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 499189
Ion Ratio Lower Upper
119 100
134 25.7 20.6 30.8
91 30.5 24.7 37.1

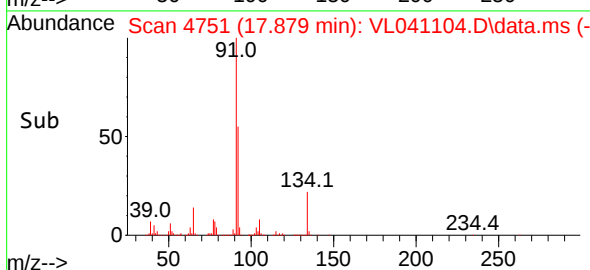
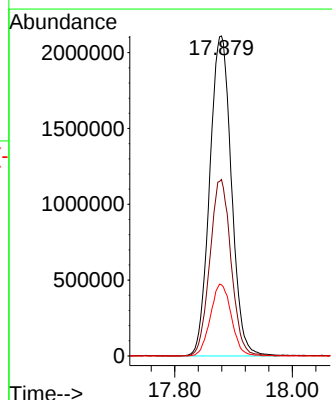
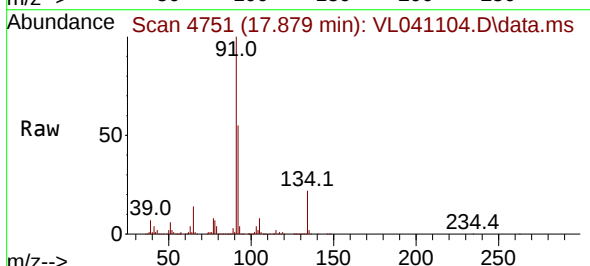
Manual Integrations
APPROVED

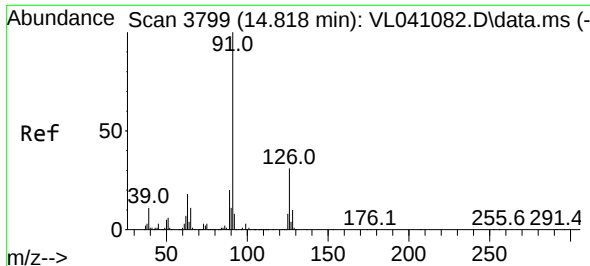
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#70
n-Butylbenzene
Concen: 10.658 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Tgt Ion: 91 Resp: 5406114
Ion Ratio Lower Upper
91 100
92 54.0 43.4 65.2
134 21.7 17.4 26.0





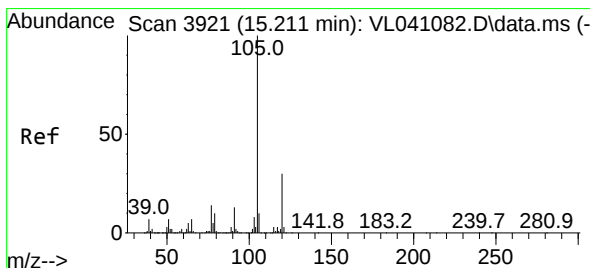
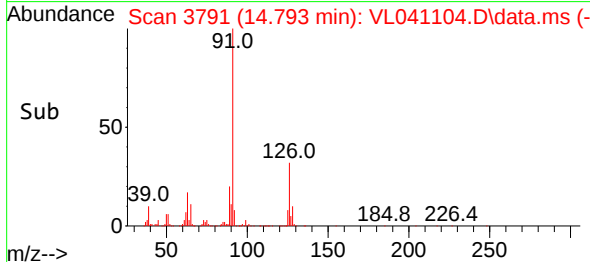
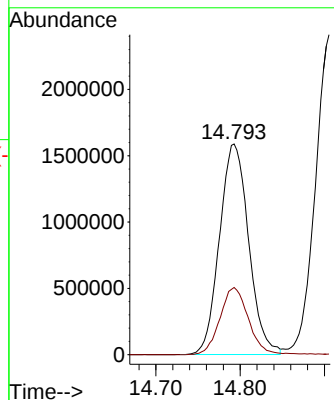
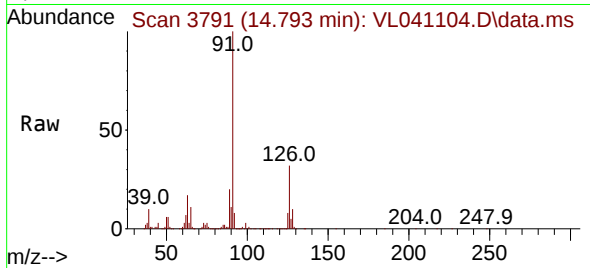
#71
2-Chlorotoluene
Concen: 10.373 ppbv
RT: 14.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3818678
Ion Ratio Lower Upper
91 100
126 31.7 12.2 48.8

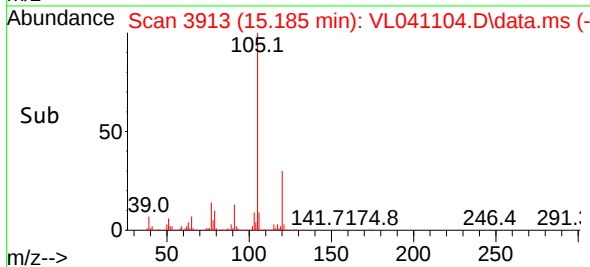
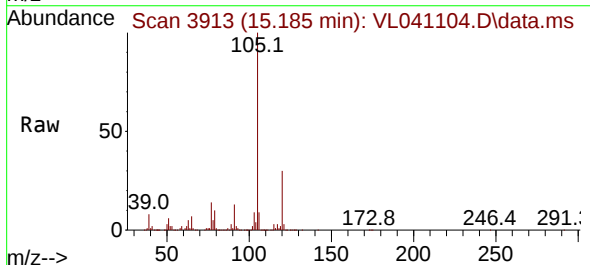
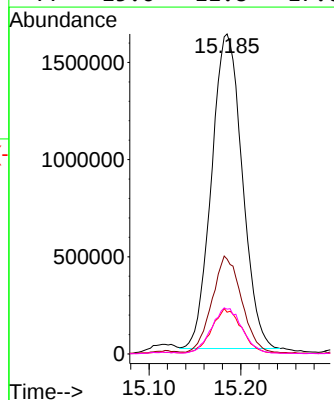
Manual Integrations
APPROVED

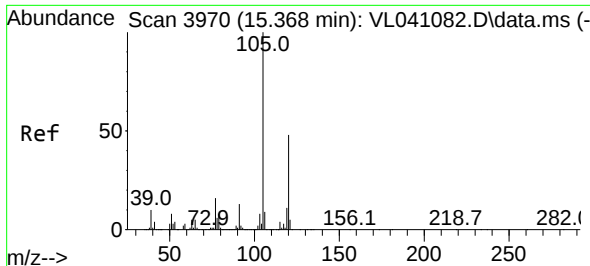
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#72
4-Ethyltoluene
Concen: 10.548 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

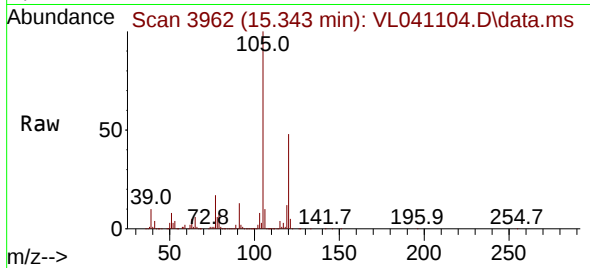
Tgt Ion:105 Resp: 3762494
Ion Ratio Lower Upper
105 100
120 31.8 23.8 35.8
91 15.1 10.9 16.3
77 15.6 11.8 17.6





#73
1,3,5-Trimethylbenzene
Concen: 10.638 ppbv
RT: 15.343 min Scan# 3970
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

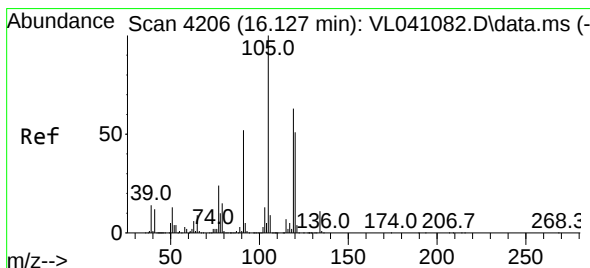
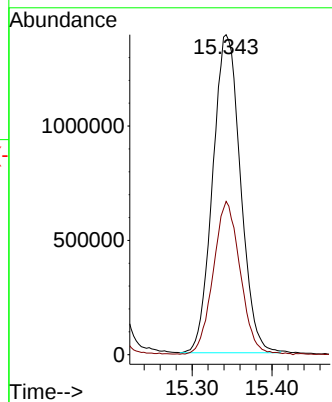
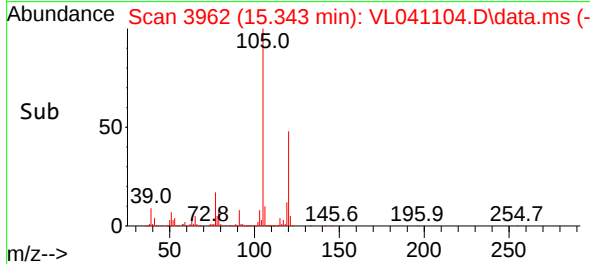
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:105 Resp: 335794
Ion Ratio Lower Upper
105 100
120 48.1 38.7 58.1

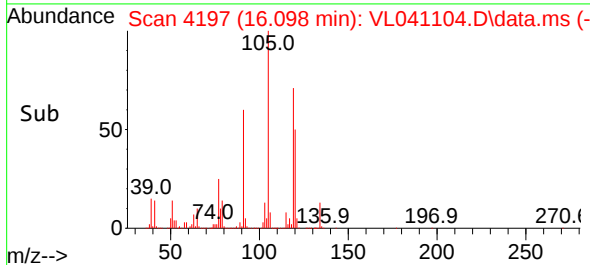
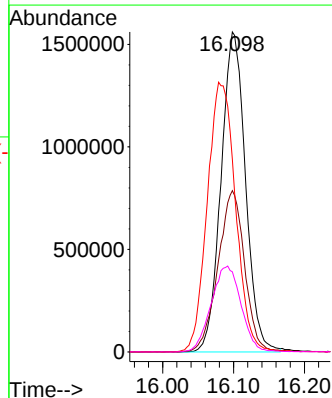
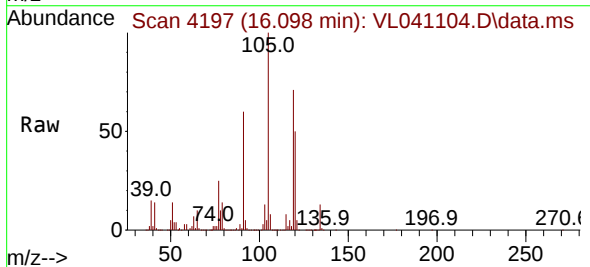
Manual Integrations
APPROVED

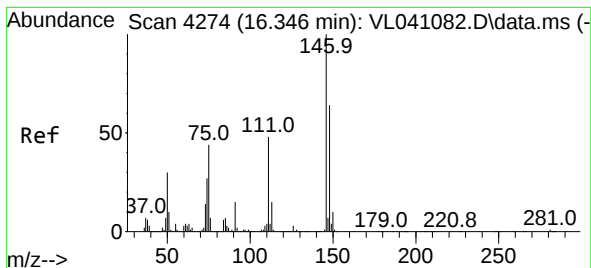
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#74
1,2,4-Trimethylbenzene
Concen: 10.376 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

Tgt Ion:105 Resp: 3740812
Ion Ratio Lower Upper
105 100
120 50.4 40.4 60.6
91 59.9 41.4 62.0
77 25.0 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 10.383 ppbv

RT: 16.323 min Scan# 4311

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 213778

Ion Ratio Lower Upper

146 100

111 49.0 24.1 72.2

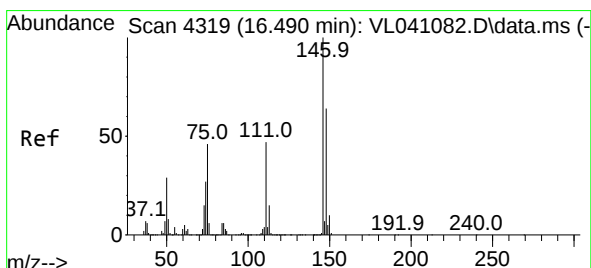
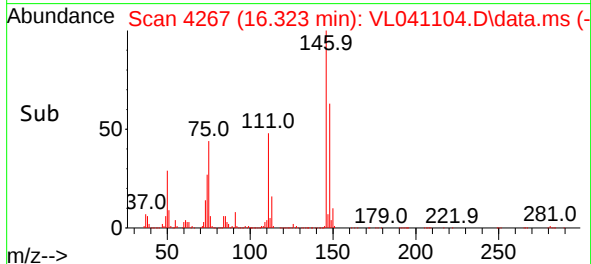
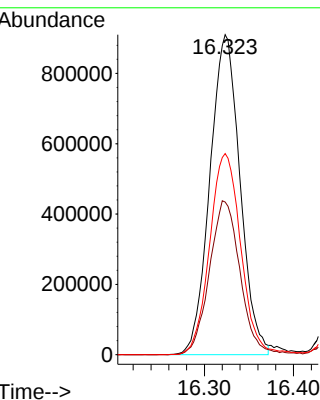
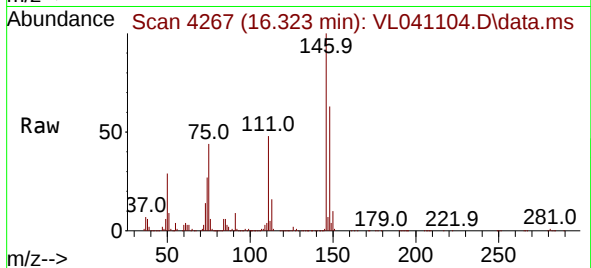
148 65.2 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#76

1,4-Dichlorobenzene

Concen: 9.977 ppbv

RT: 16.465 min Scan# 4311

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

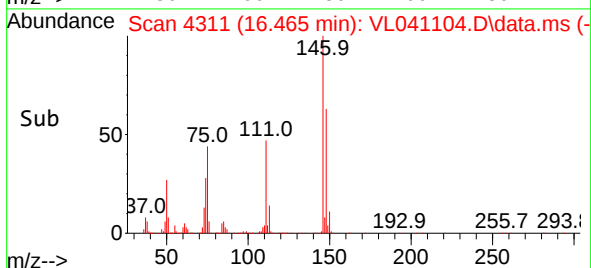
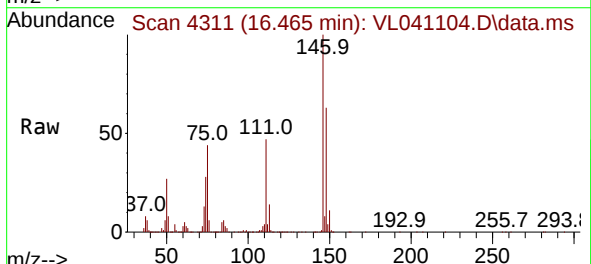
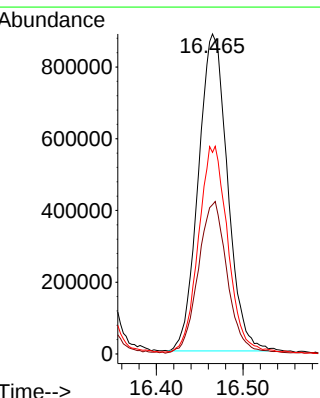
Tgt Ion:146 Resp: 2069685

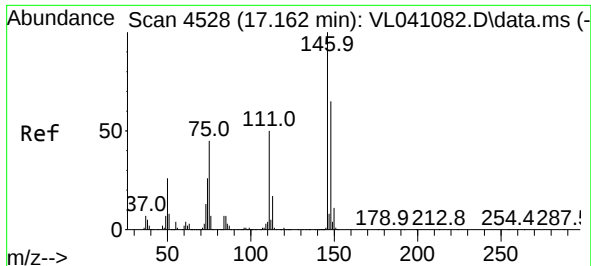
Ion Ratio Lower Upper

146 100

111 48.3 23.9 71.7

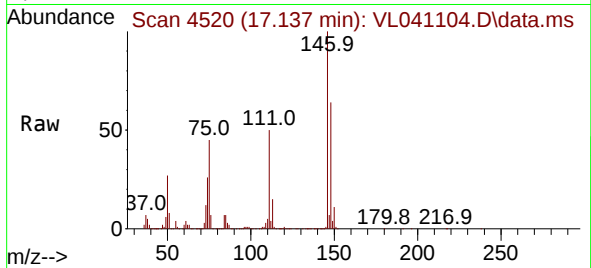
148 66.6 32.9 98.6





#77
1,2-Dichlorobenzene
Concen: 10.403 ppbv
RT: 17.137 min Scan# 4520
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37

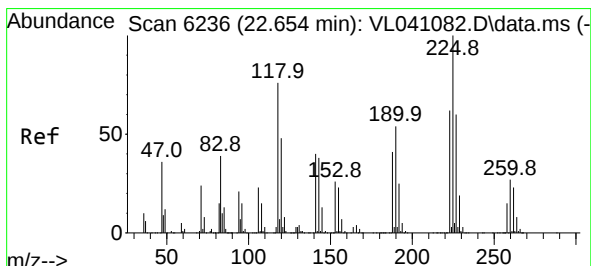
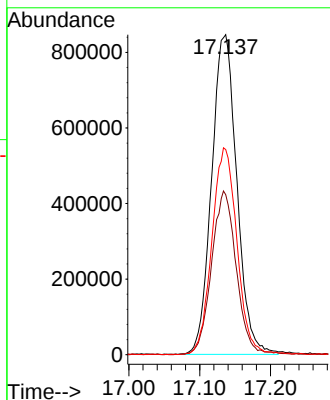
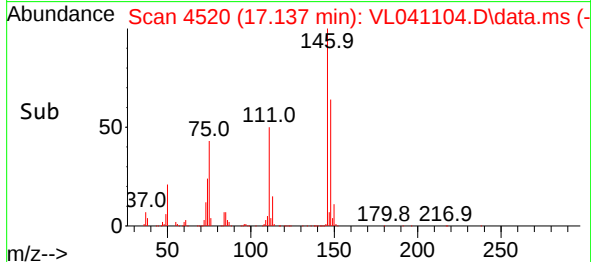
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



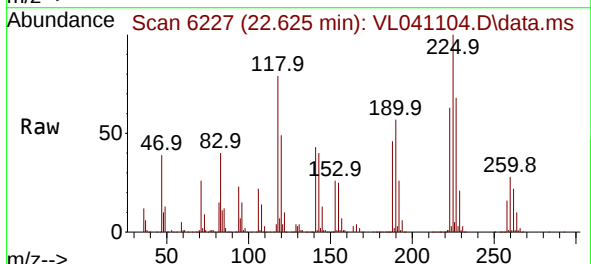
Tgt Ion:146 Resp: 2092830
Ion Ratio Lower Upper
146 100
111 50.4 25.2 75.6
148 64.5 32.4 97.0

Manual Integrations
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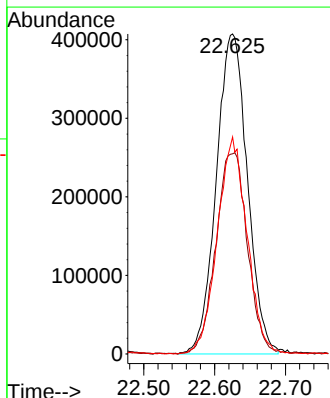
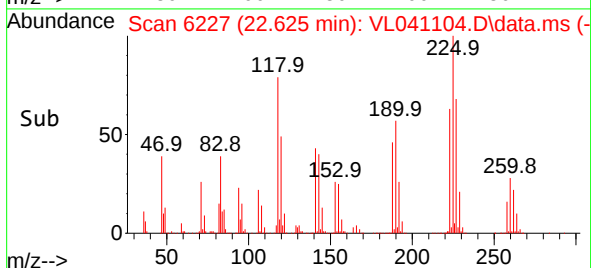
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

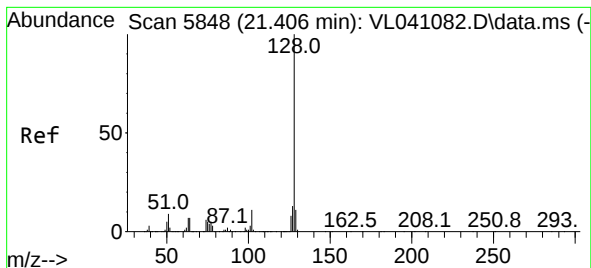


#78
Hexachloro-1,3-Butadiene
Concen: 8.787 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. 0.000 min
Lab File: VL041104.D
Acq: 14 Mar 2024 11:37



Tgt Ion:225 Resp: 1244520
Ion Ratio Lower Upper
225 100
223 63.9 51.1 76.7
227 64.6 51.1 76.7





#79

Naphthalene

Concen: 13.941 ppbv

RT: 21.375 min Scan# 5838

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 291060

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

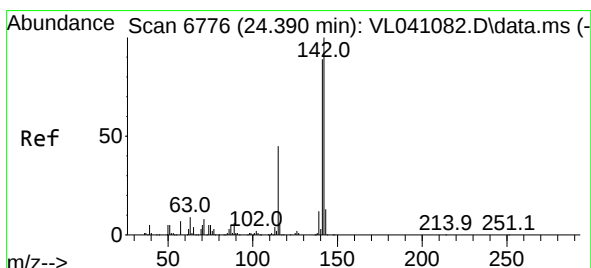
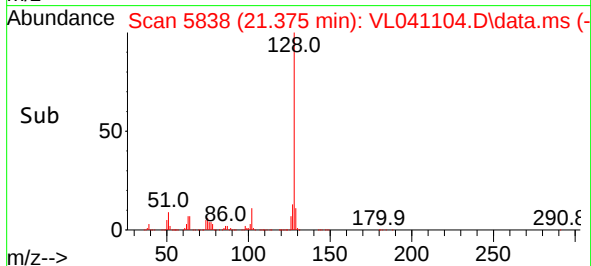
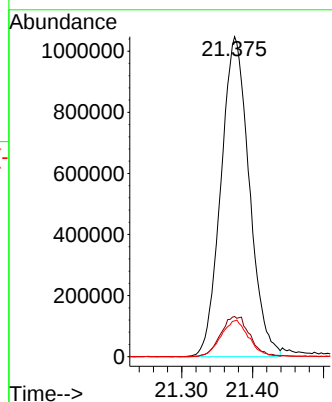
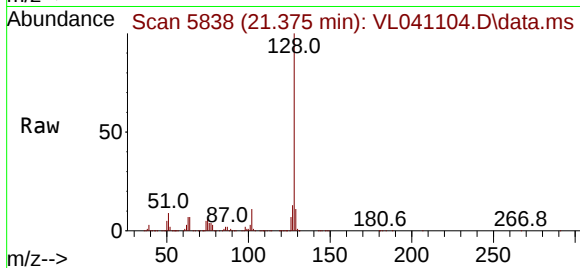
129 11.2 9.0 13.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#80

Naphthalene,2-methyl-

Concen: 17.796 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. 0.000 min

Lab File: VL041104.D

Acq: 14 Mar 2024 11:37

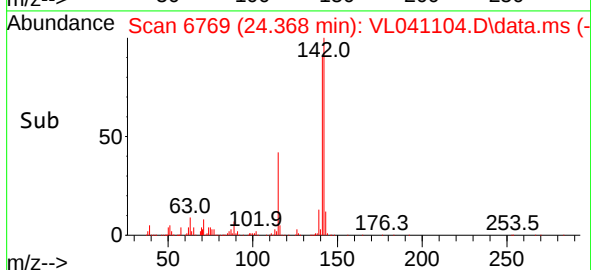
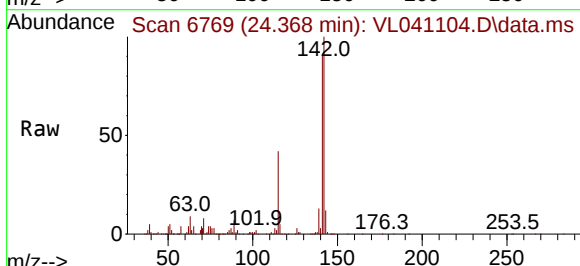
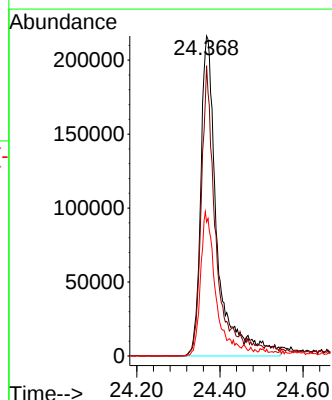
Tgt Ion:142 Resp: 595561

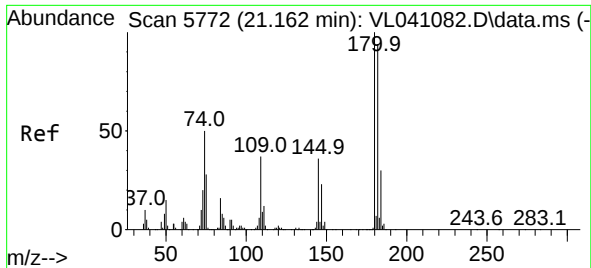
Ion Ratio Lower Upper

142 100

141 81.2 61.3 91.9

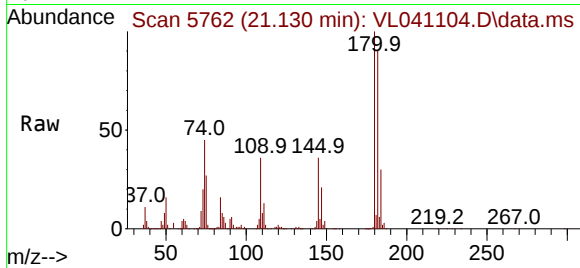
115 43.1 35.4 53.2





#81
 1,2,4-Trichlorobenzene
 Concen: 12.069 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041104.D
 Acq: 14 Mar 2024 11:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1451025
 Ion Ratio Lower Upper
 180 100
 182 96.7 78.7 118.1
 184 31.2 25.3 37.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

