

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
 Data File : VL040952.D
 Acq On : 22 Dec 2023 9:26
 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 12/26/2023
 Supervised By : Mahesh Dadoda 12/26/2023

Quant Time: Dec 23 01:18:20 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M

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

QLast Update : Fri Dec 22 23:57:16 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1159329	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3015591	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	3113615m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.738 95 2064253 9.001 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 90.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.771	85	2153358	9.751	ppbv	100
3) Chlorodifluoromethane	2.716	51	1721146	9.865	ppbv	99
4) Chloromethane	2.854	50	639038	9.934	ppbv	95
5) Vinyl Chloride	2.957	62	674081	10.856	ppbv	98
6) Bromomethane	3.153	94	279435	10.144	ppbv	98
7) Chloroethane	3.227	64	225583	10.190	ppbv	97
8) Dichlorotetrafluoroethane	2.896	85	1632126	10.258	ppbv	100
9) Propene	2.735	41	604340	10.499	ppbv	99
10) Heptane	7.565	43	1501032	10.490	ppbv	99
11) Trichlorofluoromethane	3.587	101	1764630	10.221	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.083	101	1272001	9.488	ppbv	97
13) Ethanol	3.269	45	136811	9.421	ppbv	96
14) Bromoethene	3.394	108	522098	10.625	ppbv	98
15) Acetone	3.494	43	1223874	8.802	ppbv	100
16) 1,3-Butadiene	3.022	39	647583	10.817	ppbv	97
17) tert-Butyl alcohol	3.899	59	1038074	10.092	ppbv	99
18) 1,1-Dichloroethene	3.899	96	559599	10.110	ppbv	96
19) Isopropyl Alcohol	3.600	45	772209	10.643	ppbv #	98
20) Methylene Chloride	3.951	84	465583	9.394	ppbv	98
21) Allyl Chloride	4.015	41	864478	10.518	ppbv	100
22) trans-1,2-Dichloroethene	4.456	96	635980	10.076	ppbv	98
23) Vinyl Acetate	4.636	43	1792224	11.684	ppbv	99
24) 1,1-Dichloroethane	4.575	63	1428646	10.412	ppbv	99
25) Ethyl Acetate	5.205	43	2545876	10.567	ppbv	100
26) Hexane	5.214	57	1105742	10.356	ppbv	99
27) Carbon Disulfide	4.140	76	1403340	9.711	ppbv	98
28) Methyl tert-Butyl Ether	4.597	73	1056550	10.663	ppbv	100
29) Chloroform	5.275	83	1775556	9.854	ppbv	99
30) Cyclohexane	6.594	84	954242	10.720	ppbv	98
31) cis-1,2-Dichloroethene	5.083	61	1142784	10.419	ppbv	99
32) 1,1,1-Trichloroethane	5.999	97	1784026	10.241	ppbv	100
34) 2-Butanone	4.793	43	1601442	10.039	ppbv	99
35) Carbon Tetrachloride	6.484	117	1898158	10.051	ppbv	98
36) Benzene	6.362	78	2370898	10.057	ppbv	98
37) 1,2-Dichloroethane	5.803	62	1372011	9.713	ppbv	99
38) Trichloroethene	7.279	130	919893	10.390	ppbv	97
39) 1,2-Dichloropropane	7.060	63	919205	9.923	ppbv	99
40) 1,4-Dioxane	7.266	88	371438	9.496	ppbv	99
41) Tetrahydrofuran	5.552	42	995569	10.258	ppbv	99
42) Bromodichloromethane	7.234	83	1991007	9.773	ppbv	99
43) Methyl Methacrylate	7.455	69	971578	10.507	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	3873085	9.672	ppbv	99
45) t-1,3-Dichloropropene	8.687	75	775927	11.310	ppbv	95

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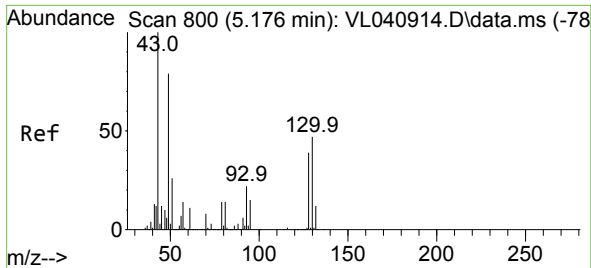
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Dec 22 23:57:16 2023

Response via : Initial Calibration

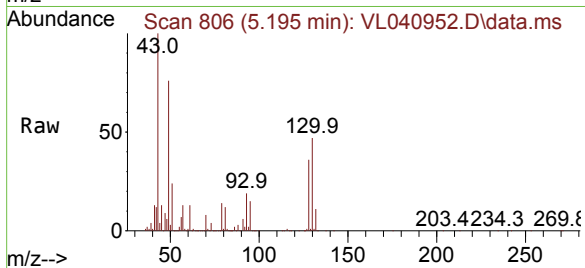
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	923878	10.877	ppbv	99
47) 1,1,2-Trichloroethane	8.877	97	991302	10.088	ppbv	98
48) Dibromochloromethane	9.687	129	1752015	10.445	ppbv	99
49) Bromoform	12.375	173	1388490	10.728	ppbv	99
50) 4-Methyl-2-Pentanone	8.160	43	2468456	10.217	ppbv	99
51) 2-Hexanone	9.523	43	1814674	10.435	ppbv #	100
52) Tetrachloroethene	10.587	164	848205	10.681	ppbv	98
53) Toluene	9.195	91	2714341	10.384	ppbv	99
54) 1,2-Dibromoethane	9.983	107	1463567	10.853	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.475	131	1255486	9.221	ppbv	99
57) Chlorobenzene	11.497	112	2140038	9.333	ppbv	99
58) Ethyl Benzene	12.057	91	3667318	9.170	ppbv	100
59) m/p-Xylene	12.336	91	6153402m	18.089	ppbv	
60) o-Xylene	13.024	91	2905087	9.064	ppbv	98
61) Styrene	12.864	104	1593905	10.461	ppbv	98
62) Isopropylbenzene	13.992	105	4388125	9.232	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.015	83	2126095	9.208	ppbv	100
64) n-propylbenzene	14.880	120	1172444	9.834	ppbv	92
65) tert-Butylbenzene	16.053	119	3845357	9.518	ppbv	97
66) Benzyl Chloride	16.288	91	318610m	11.524	ppbv	
67) sec-Butylbenzene	16.600	105	5407463	9.210	ppbv	99
69) p-Isopropyltoluene	16.960	119	4428181	9.703	ppbv	99
70) n-Butylbenzene	17.851	91	4533101	9.568	ppbv	100
71) 2-Chlorotoluene	14.764	91	3336157	9.114	ppbv	98
72) 4-Ethyltoluene	15.156	105	3501049	9.953	ppbv	99
73) 1,3,5-Trimethylbenzene	15.317	105	2961627	9.754	ppbv	99
74) 1,2,4-Trimethylbenzene	16.072	105	3242783	9.597	ppbv	95
75) 1,3-Dichlorobenzene	16.294	146	1892432	9.805	ppbv	99
76) 1,4-Dichlorobenzene	16.436	146	1862702	9.865	ppbv	99
77) 1,2-Dichlorobenzene	17.108	146	1838260	9.886	ppbv	98
78) Hexachloro-1,3-Butadiene	22.590	225	981296	8.580	ppbv	100
79) Naphthalene	21.339	128	2130809m	13.088	ppbv	
80) Naphthalene,2-methyl-	24.345	142	320199	10.760	ppbv	93
81) 1,2,4-Trichlorobenzene	21.101	180	1052007	11.255	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

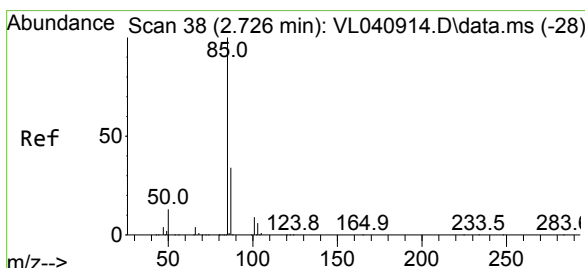
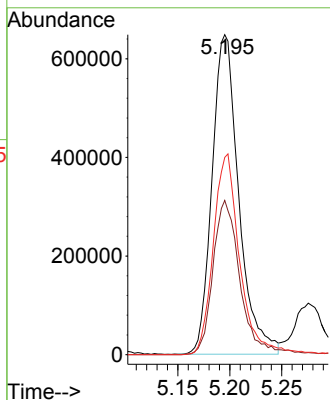
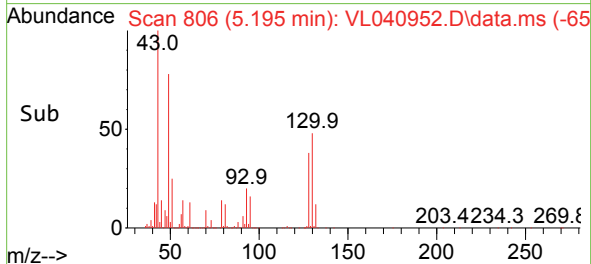
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



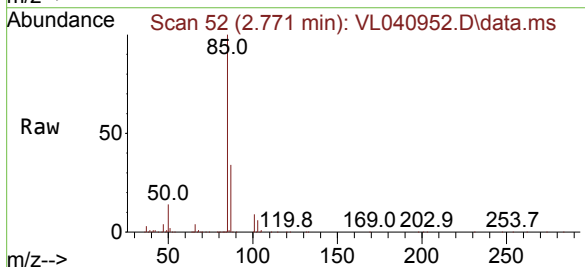
Tgt Ion: 49 Resp: 1159329
Ion Ratio Lower Upper
49 100
128 50.0 23.8 71.2
130 63.4 30.1 90.5

Manual Integrations
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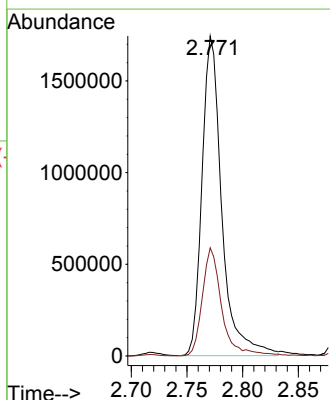
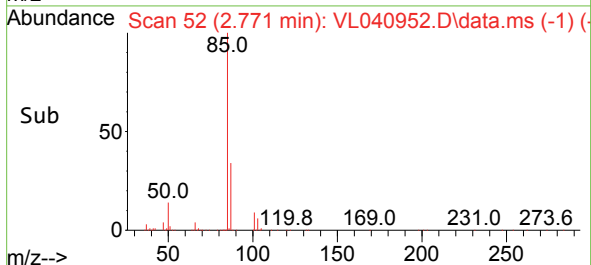
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023

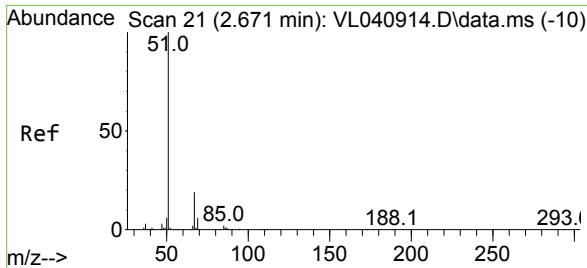


#2
Dichlorodifluoromethane
Concen: 9.751 ppbv
RT: 2.771 min Scan# 52
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26



Tgt Ion: 85 Resp: 2153358
Ion Ratio Lower Upper
85 100
87 33.8 27.0 40.6





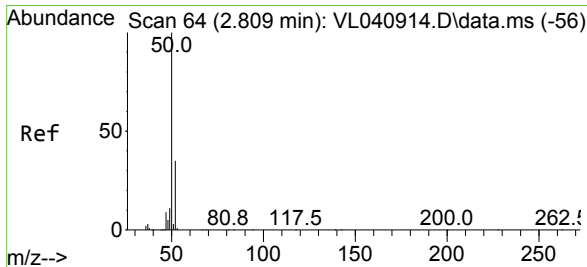
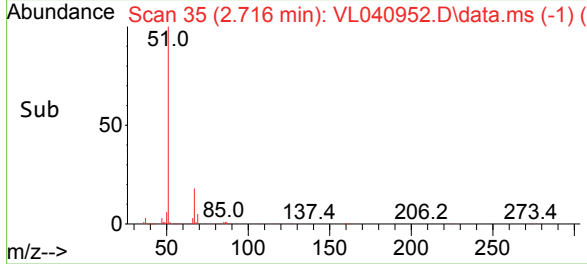
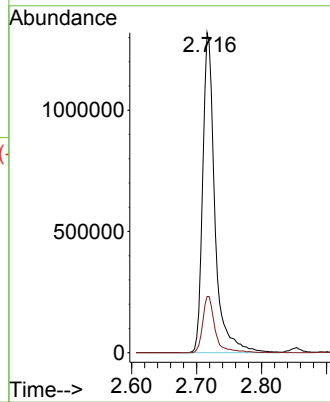
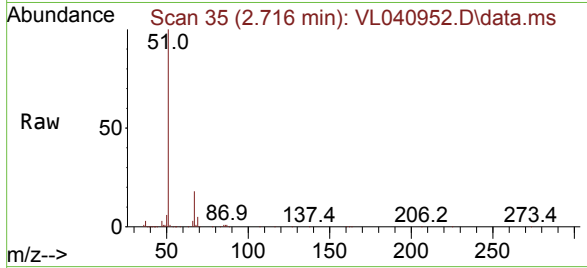
#3
Chlorodifluoromethane
Concen: 9.865 ppbv
RT: 2.716 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1721140
Ion Ratio Lower Upper
51 100
67 17.9 14.7 22.1

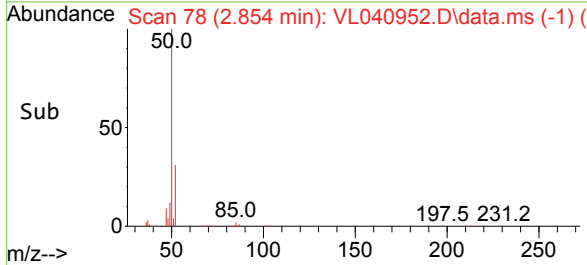
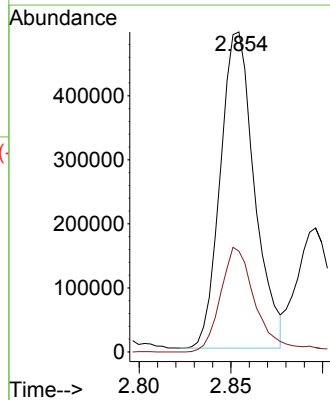
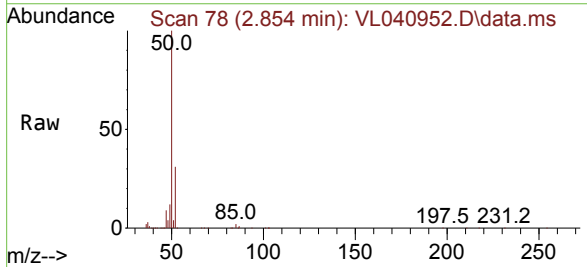
Manual Integrations
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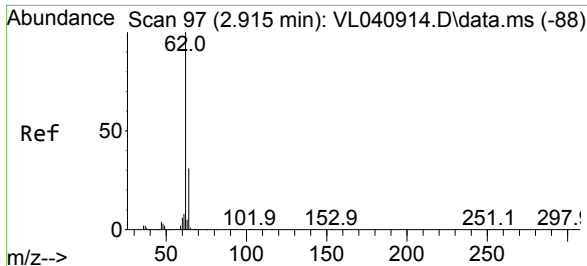
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023



#4
Chloromethane
Concen: 9.934 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

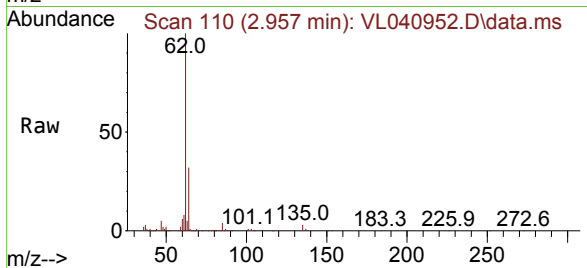
Tgt Ion: 50 Resp: 639038
Ion Ratio Lower Upper
50 100
52 31.9 28.0 42.0





#5
 Vinyl Chloride
 Concen: 10.856 ppbv
 RT: 2.957 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26

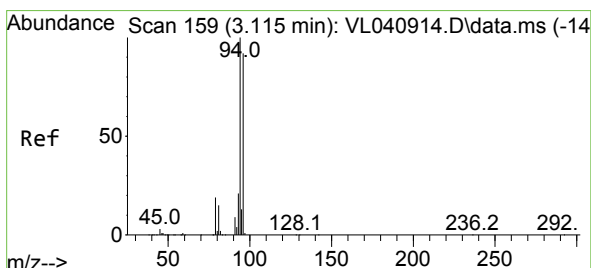
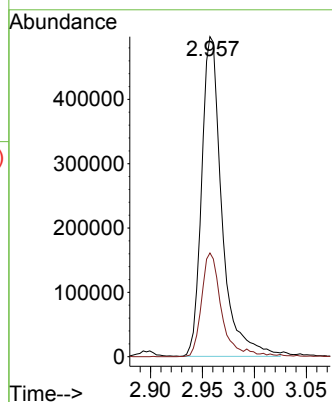
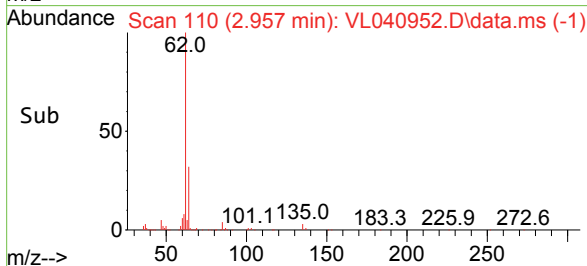
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



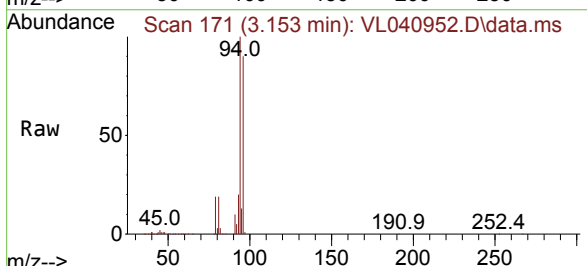
Tgt Ion: 62 Resp: 67408
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.9 37.3

Manual Integrations
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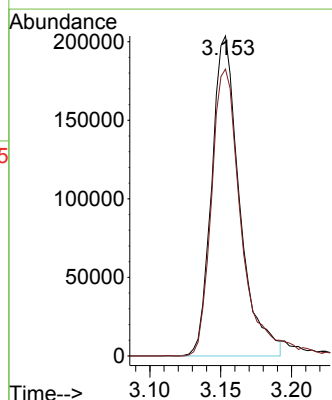
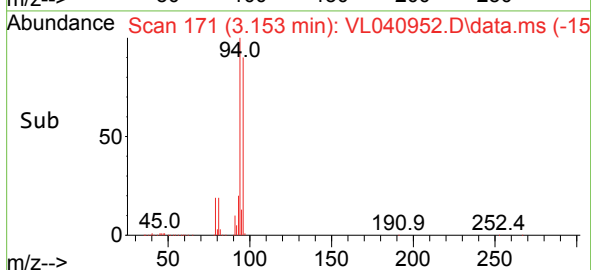
Reviewed By :Semsettin Yesilyurt 12/26/2023
 Supervised By :Mahesh Dadoda 12/26/2023

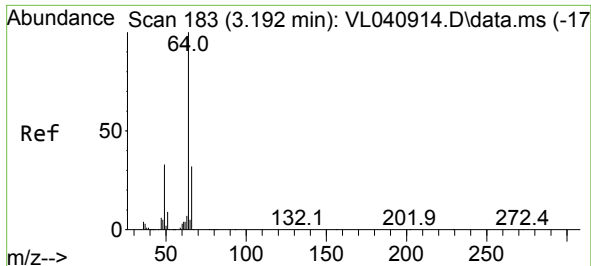


#6
 Bromomethane
 Concen: 10.144 ppbv
 RT: 3.153 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26



Tgt Ion: 94 Resp: 279435
 Ion Ratio Lower Upper
 94 100
 96 89.7 73.2 109.8





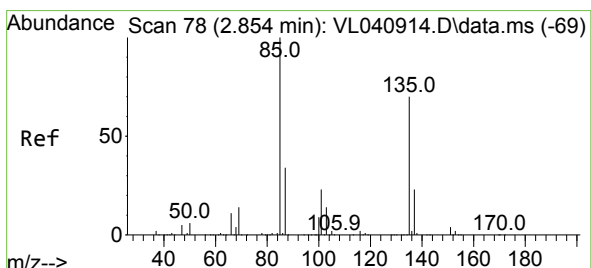
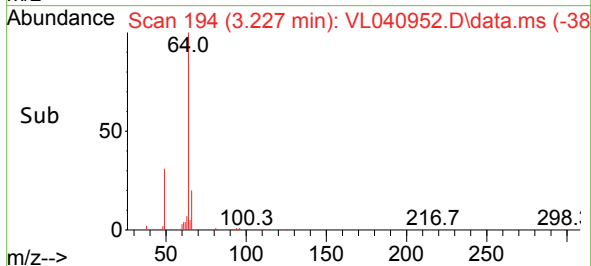
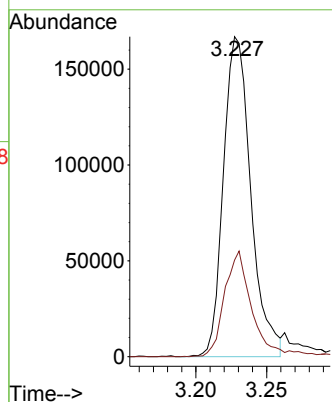
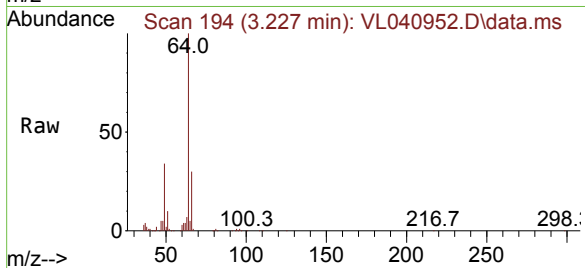
#7
Chloroethane
Concen: 10.190 ppbv
RT: 3.227 min Scan# 194
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 225583
Ion Ratio Lower Upper
64 100
66 30.2 25.7 38.5

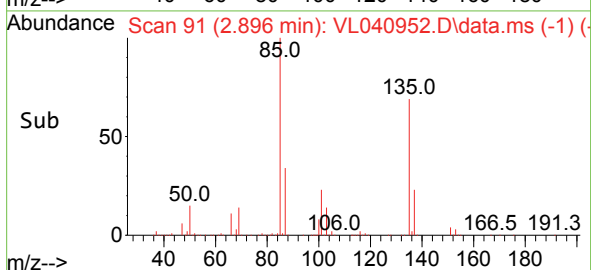
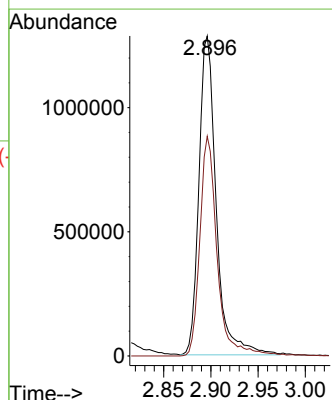
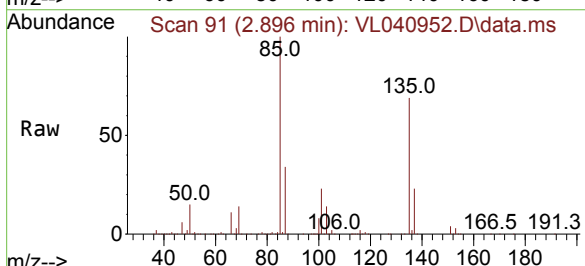
Manual Integrations
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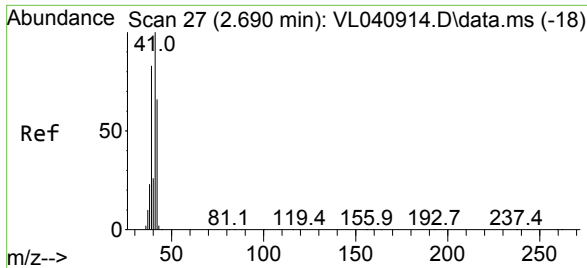
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023



#8
Dichlorotetrafluoroethane
Concen: 10.258 ppbv
RT: 2.896 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Tgt Ion: 85 Resp: 1632126
Ion Ratio Lower Upper
85 100
135 69.5 55.8 83.8





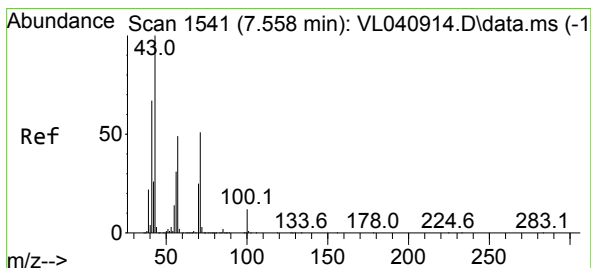
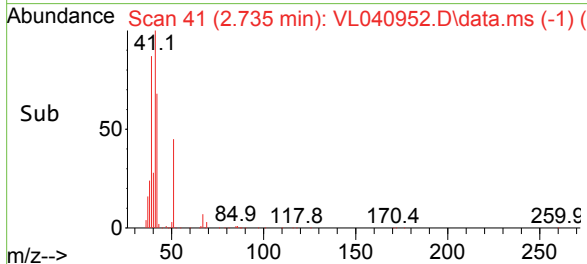
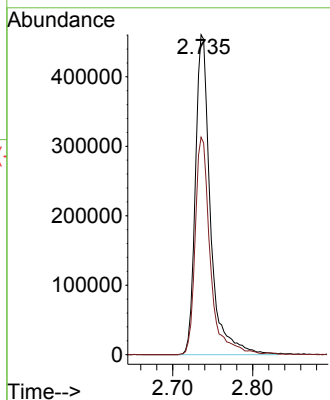
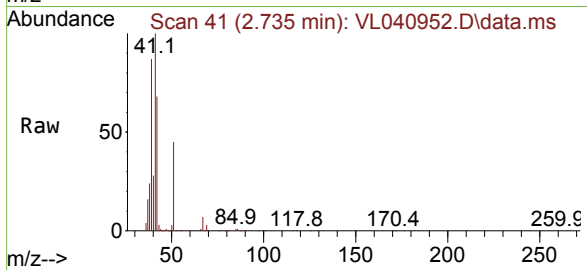
#9
 Propene
 Concen: 10.499 ppbv
 RT: 2.735 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 604340
 Ion Ratio Lower Upper
 41 100
 42 69.0 55.8 83.6

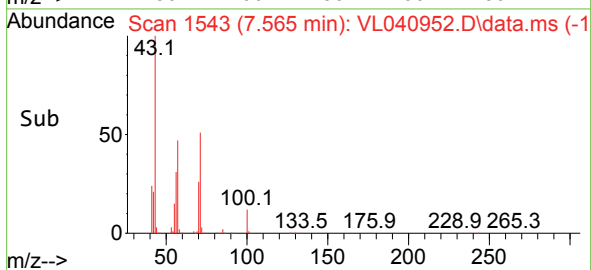
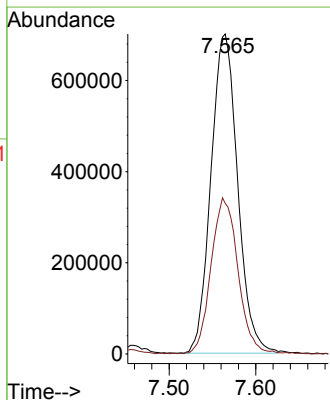
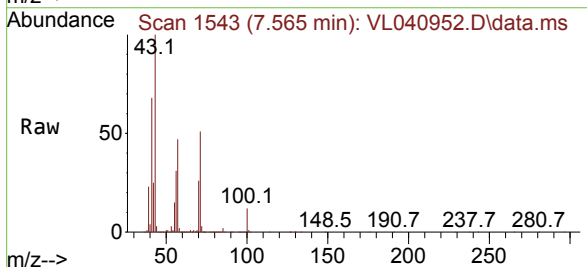
Manual Integrations
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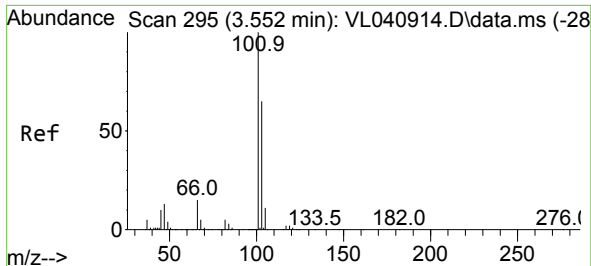
Reviewed By :Semsettin Yesilyurt 12/26/2023
 Supervised By :Mahesh Dadoda 12/26/2023



#10
 Heptane
 Concen: 10.490 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26

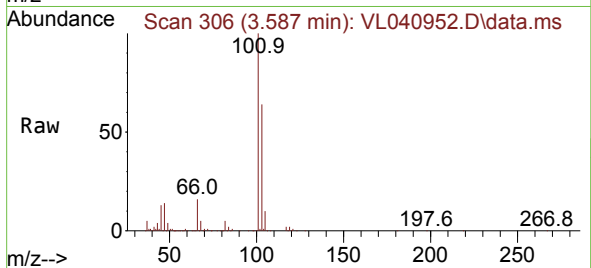
Tgt Ion: 43 Resp: 1501032
 Ion Ratio Lower Upper
 43 100
 57 49.5 39.3 58.9





#11
 Trichlorofluoromethane
 Concen: 10.221 ppbv
 RT: 3.587 min Scan# 306
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26

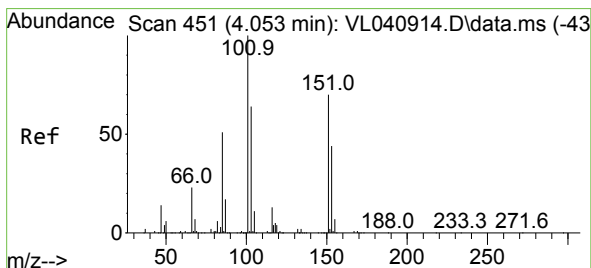
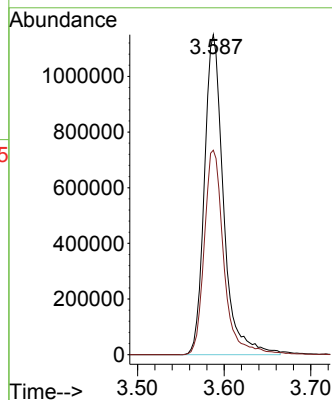
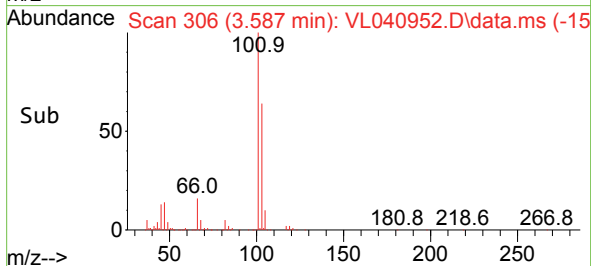
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



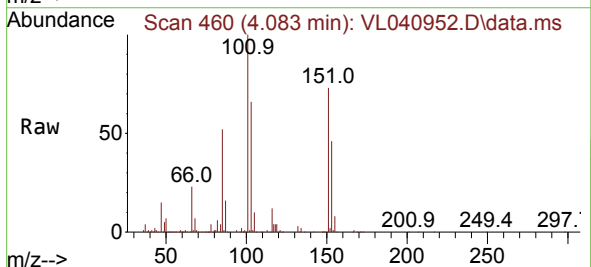
Tgt Ion:101 Resp: 1764630
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.9 77.9

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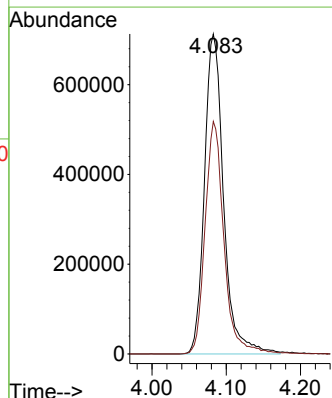
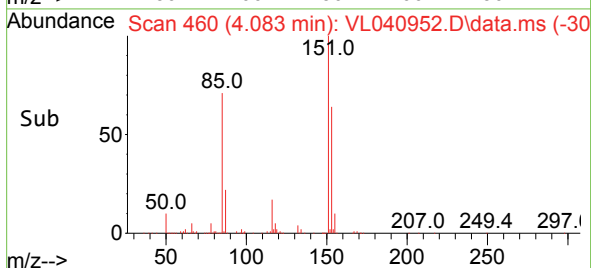
Reviewed By :Semsettin Yesilyurt 12/26/2023
 Supervised By :Mahesh Dadoda 12/26/2023

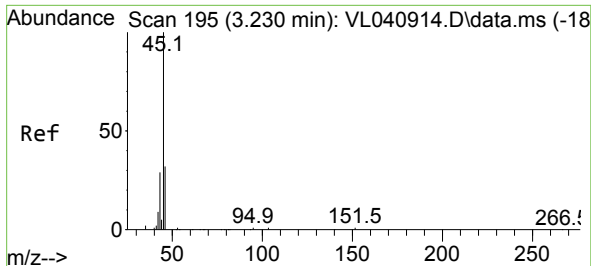


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.488 ppbv
 RT: 4.083 min Scan# 460
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26



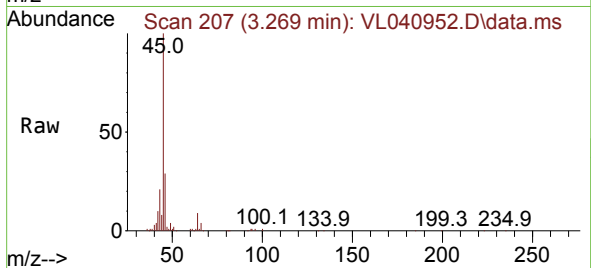
Tgt Ion:101 Resp: 1272001
 Ion Ratio Lower Upper
 101 100
 151 72.0 55.8 83.8





#13
Ethanol
Concen: 9.421 ppbv
RT: 3.269 min Scan# 207
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

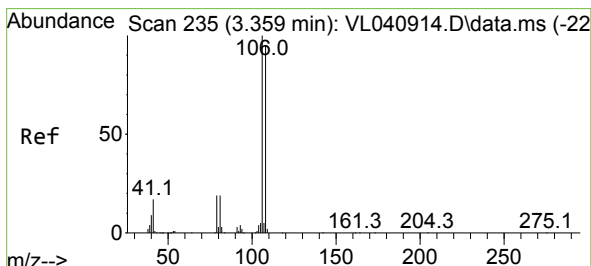
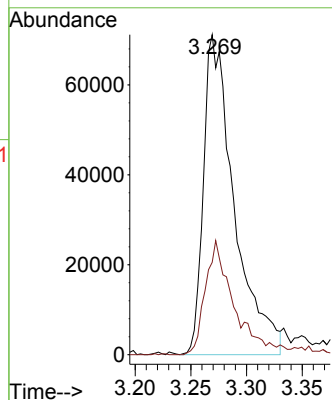
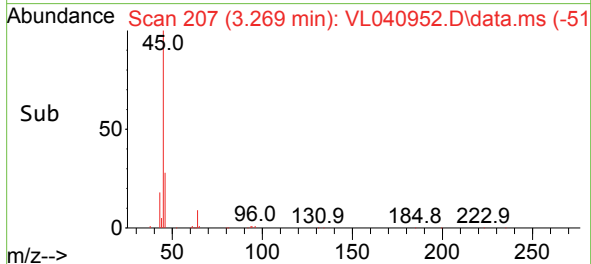
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



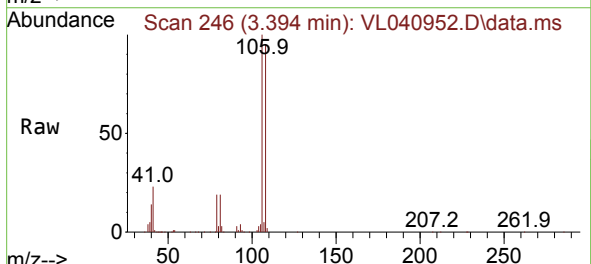
Tgt Ion: 45 Resp: 13681
Ion Ratio Lower Upper
45 100
46 35.3 15.0 60.0

Manual Integrations
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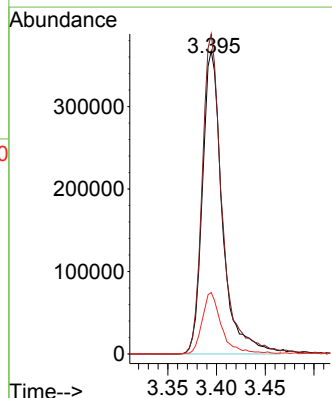
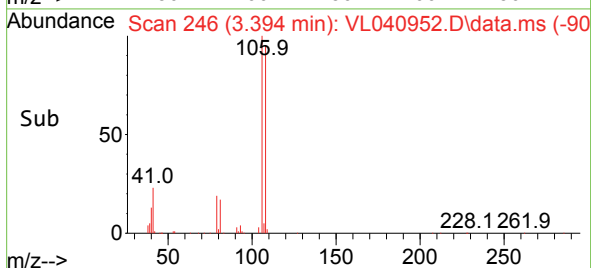
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023

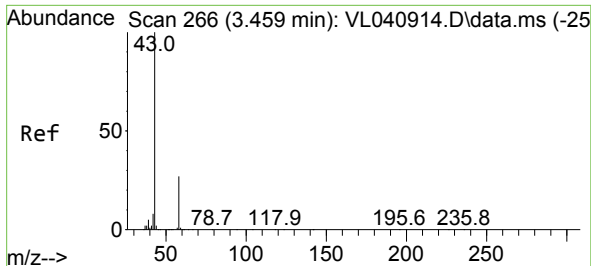


#14
Bromoethene
Concen: 10.625 ppbv
RT: 3.394 min Scan# 246
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26



Tgt Ion:108 Resp: 522098
Ion Ratio Lower Upper
108 100
106 106.8 87.5 131.3
79 20.2 16.6 24.8





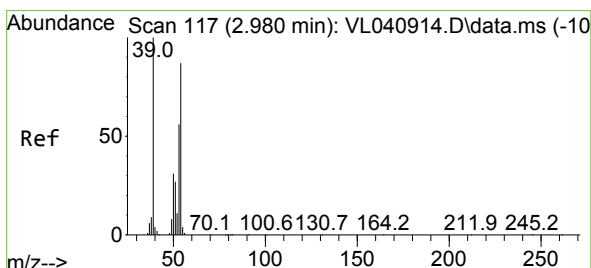
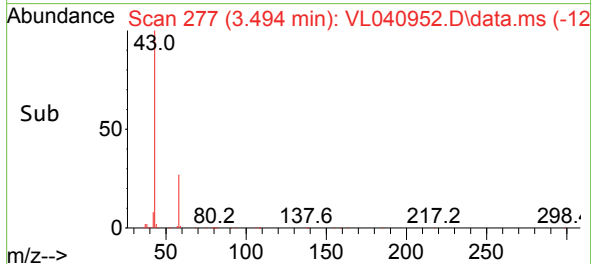
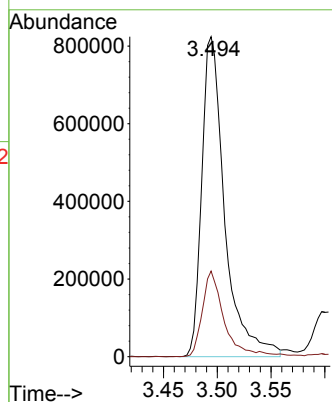
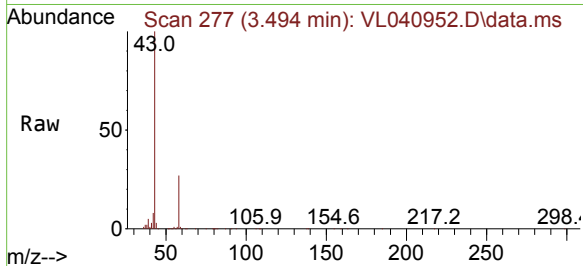
#15
Acetone
Concen: 8.802 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1223874
Ion Ratio Lower Upper
43 100
58 25.7 20.6 30.8

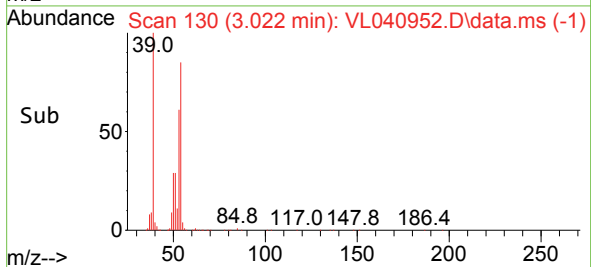
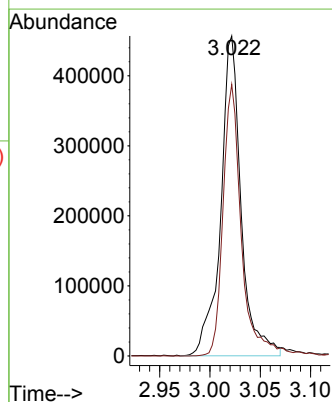
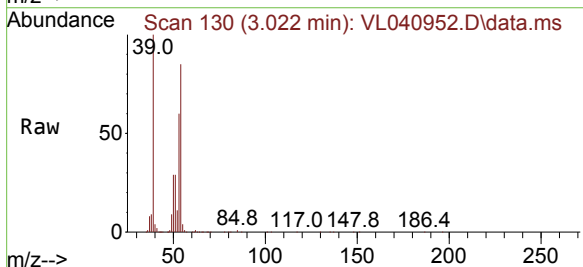
Manual Integrations
APPROVED

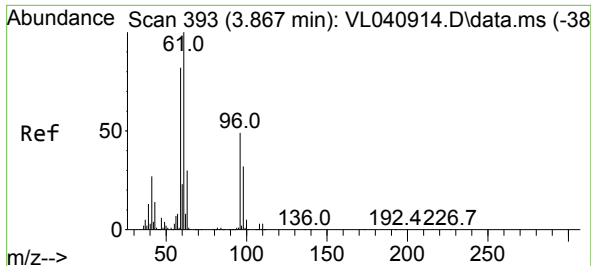
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023



#16
1,3-Butadiene
Concen: 10.817 ppbv
RT: 3.022 min Scan# 130
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Tgt Ion: 39 Resp: 647583
Ion Ratio Lower Upper
39 100
54 77.2 63.8 95.6





#17

tert-Butyl alcohol

Concen: 10.092 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.000 min

Lab File: VL040952.D

Acq: 22 Dec 2023 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 1038074

Ion Ratio Lower Upper

59 100

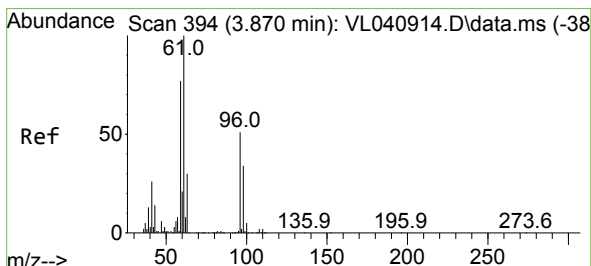
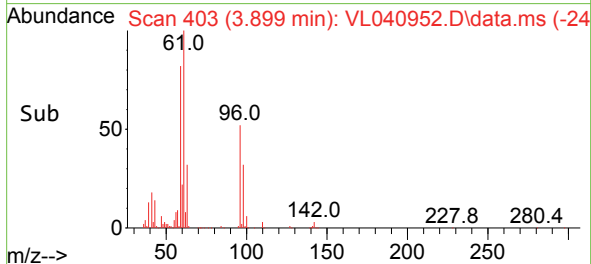
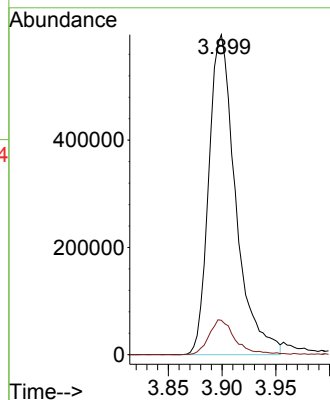
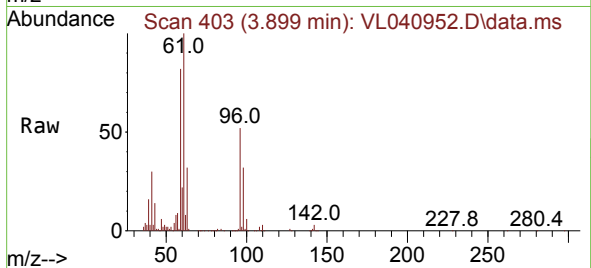
57 10.9 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/26/2023

Supervised By :Mahesh Dadoda 12/26/2023



#18

1,1-Dichloroethene

Concen: 10.110 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.000 min

Lab File: VL040952.D

Acq: 22 Dec 2023 9:26

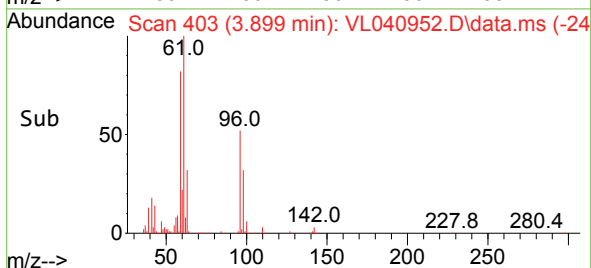
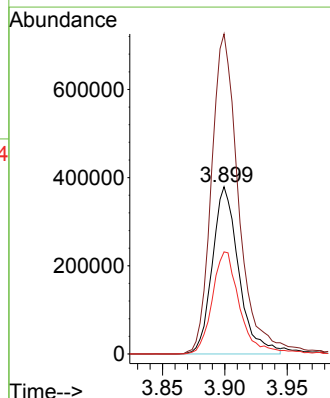
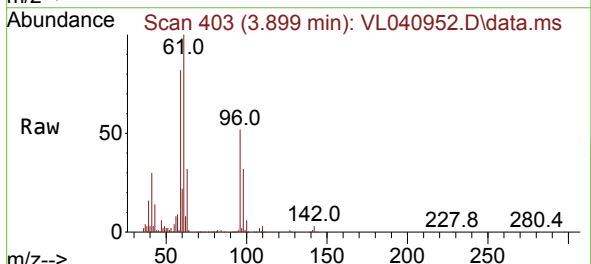
Tgt Ion: 96 Resp: 559599

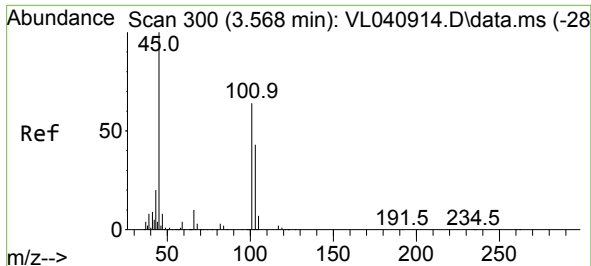
Ion Ratio Lower Upper

96 100

61 191.3 156.6 235.0

98 61.0 52.5 78.7





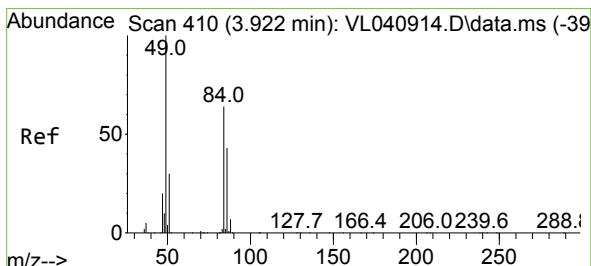
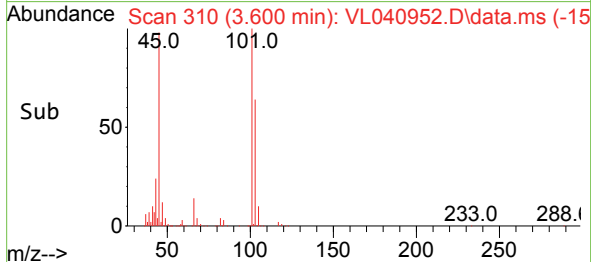
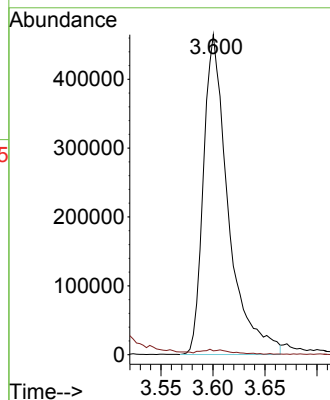
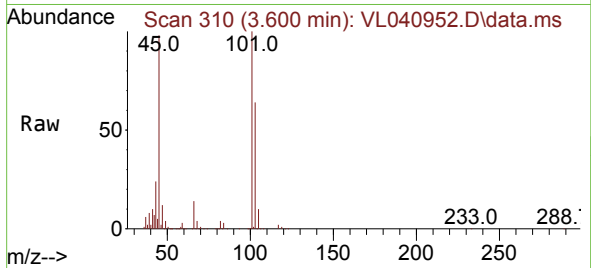
#19
Isopropyl Alcohol
Concen: 10.643 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 772209
Ion Ratio Lower Upper
45 100
58 2.7 1.5 2.3

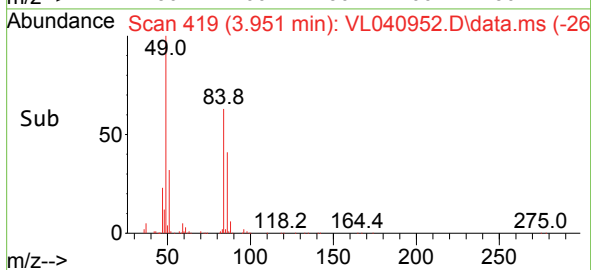
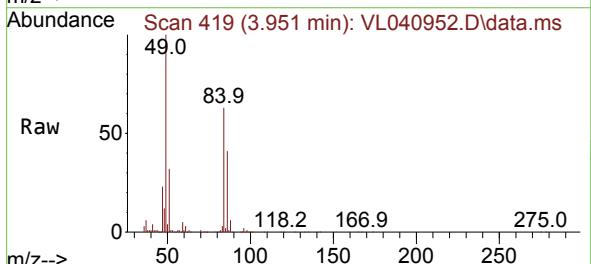
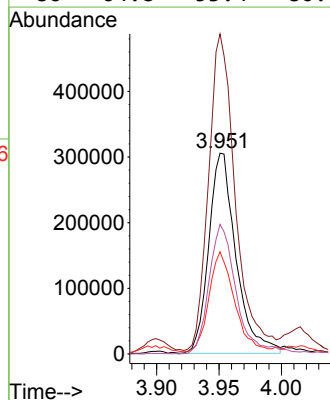
Manual Integrations
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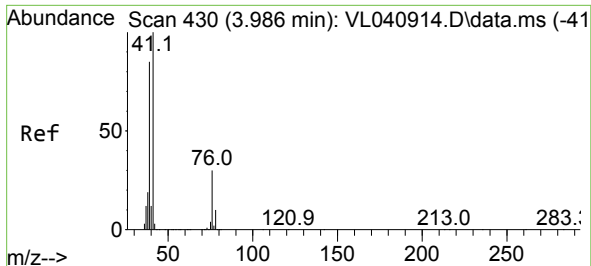
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023



#20
Methylene Chloride
Concen: 9.394 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Tgt Ion: 84 Resp: 465583
Ion Ratio Lower Upper
84 100
49 157.6 124.6 187.0
51 49.7 37.2 55.8
86 64.8 53.4 80.0





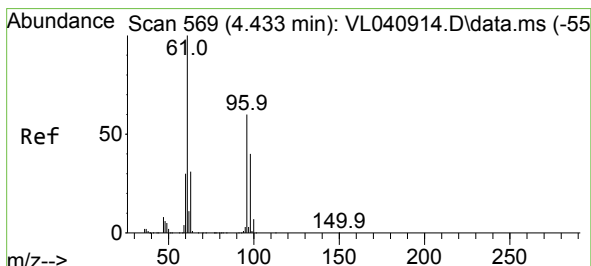
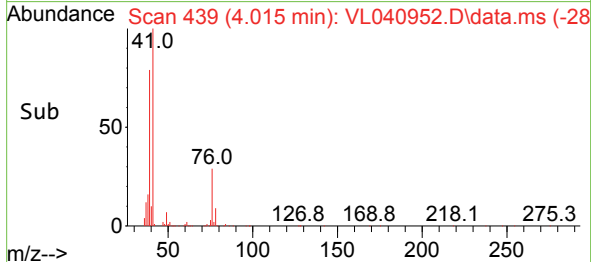
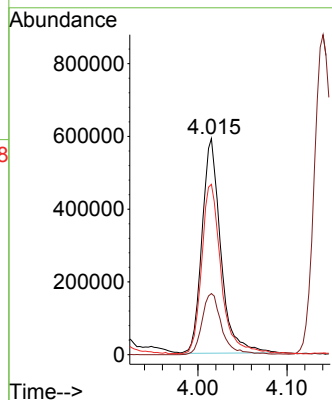
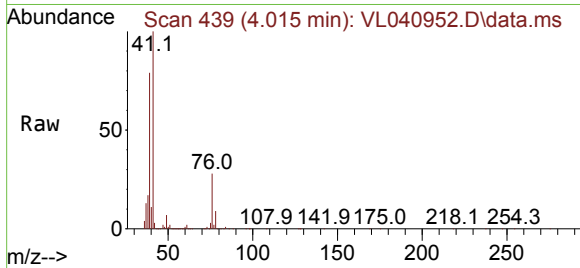
#21
 Allyl Chloride
 Concen: 10.518 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 864478
 Ion Ratio Lower Upper
 41 100
 76 30.1 23.9 35.9
 39 83.2 66.5 99.7

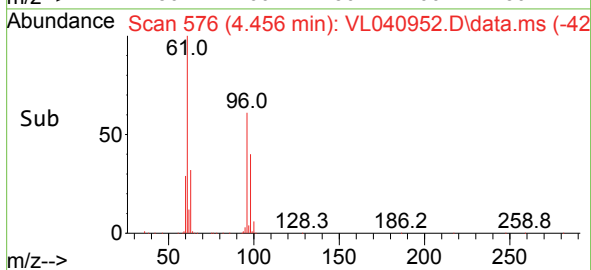
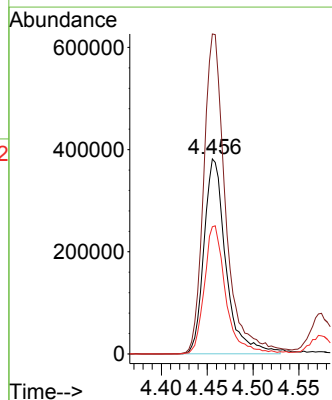
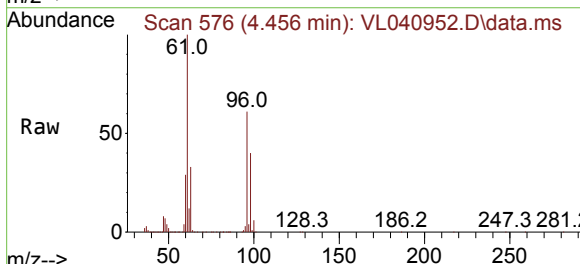
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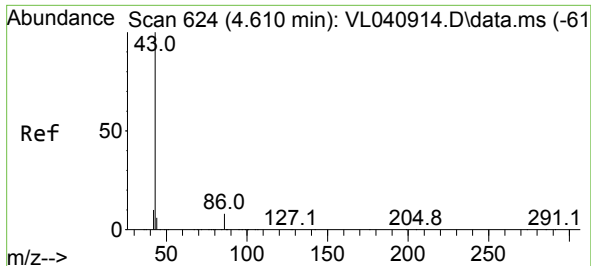
Reviewed By :Semsettin Yesilyurt 12/26/2023
 Supervised By :Mahesh Dadoda 12/26/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.076 ppbv
 RT: 4.456 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26

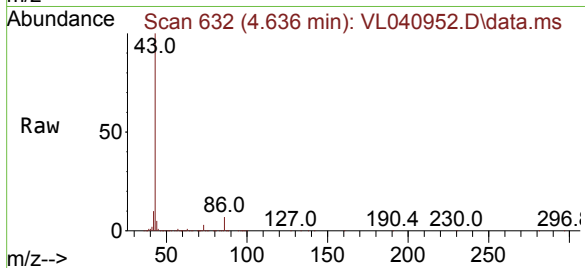
Tgt Ion: 96 Resp: 635980
 Ion Ratio Lower Upper
 96 100
 61 164.1 133.0 199.6
 98 65.2 53.7 80.5





#23
 Vinyl Acetate
 Concen: 11.684 ppbv
 RT: 4.636 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26

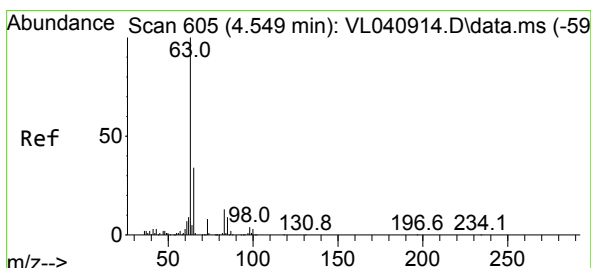
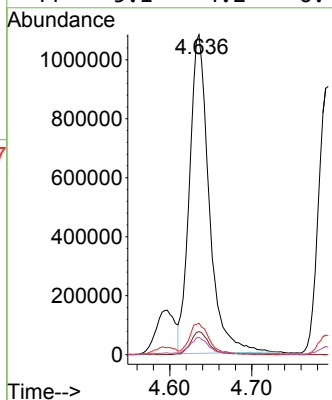
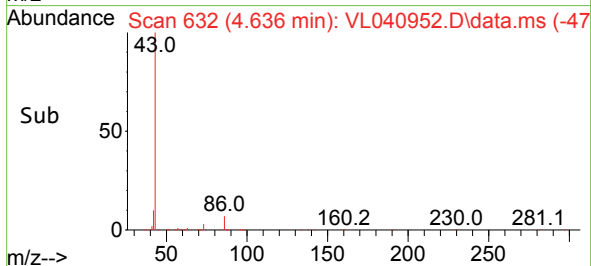
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 1792224
 Ion Ratio Lower Upper
 43 100
 86 7.2 5.5 8.3
 42 9.8 8.4 12.6
 44 5.1 4.2 6.4

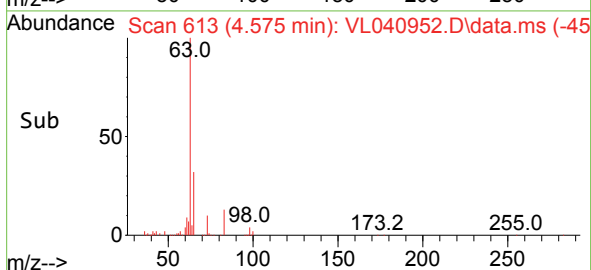
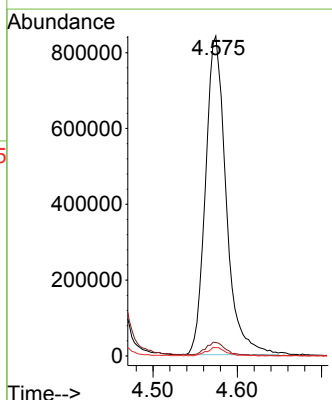
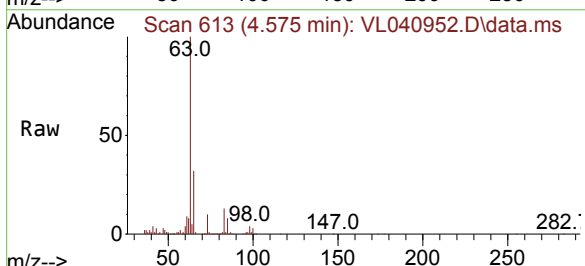
Manual Integrations
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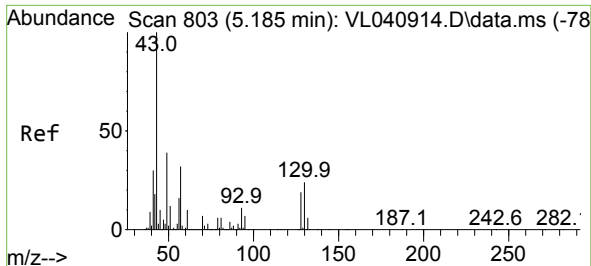
Reviewed By :Semsettin Yesilyurt 12/26/2023
 Supervised By :Mahesh Dadoda 12/26/2023



#24
 1,1-Dichloroethane
 Concen: 10.412 ppbv
 RT: 4.575 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26

Tgt Ion: 63 Resp: 1428646
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.5
 100 2.6 1.4 4.2





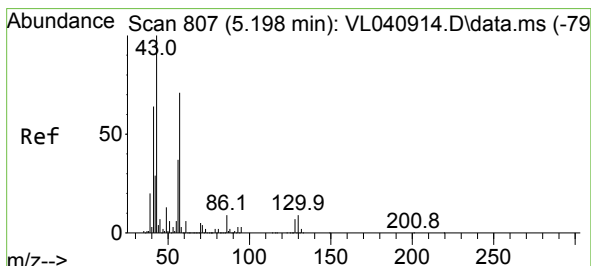
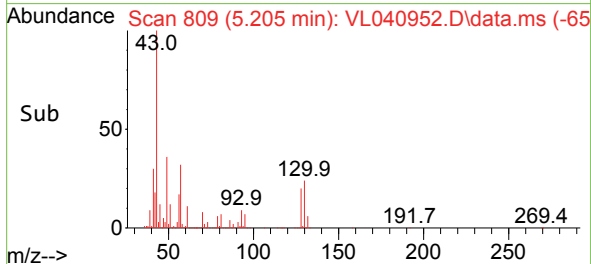
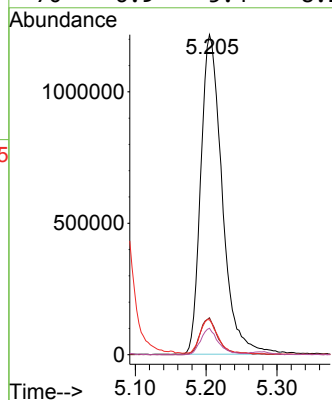
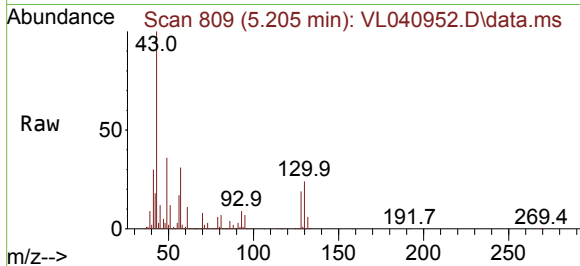
#25
Ethyl Acetate
Concen: 10.567 ppbv
RT: 5.205 min Scan# 803
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2545870
Ion Ratio Lower Upper
43 100
45 10.0 8.2 12.2
61 9.6 7.6 11.4
70 6.9 5.4 8.2

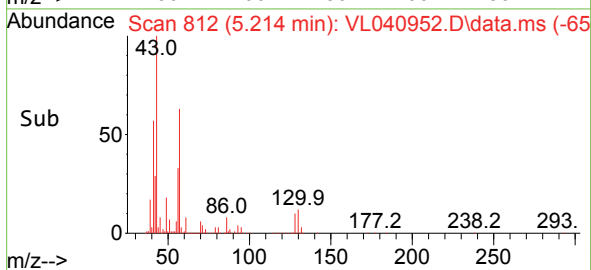
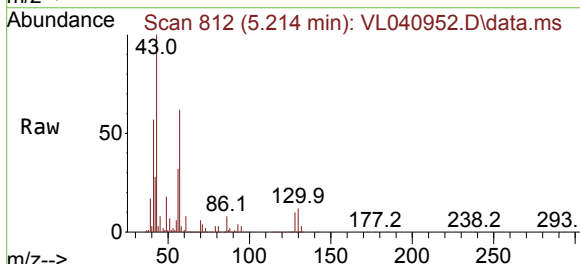
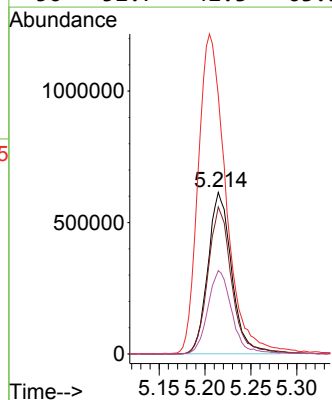
Manual Integrations
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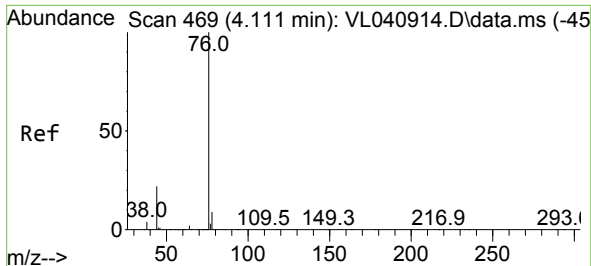
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023



#26
Hexane
Concen: 10.356 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

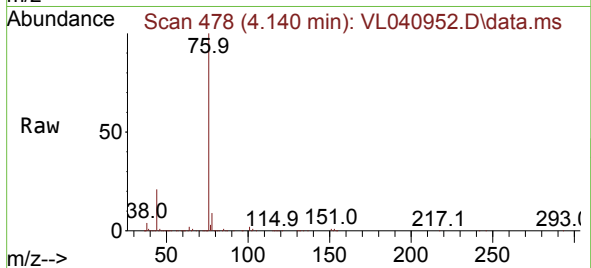
Tgt Ion: 57 Resp: 1105742
Ion Ratio Lower Upper
57 100
41 91.8 75.2 112.8
43 234.4 188.0 282.0
56 52.7 42.3 63.5





#27
Carbon Disulfide
Concen: 9.711 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

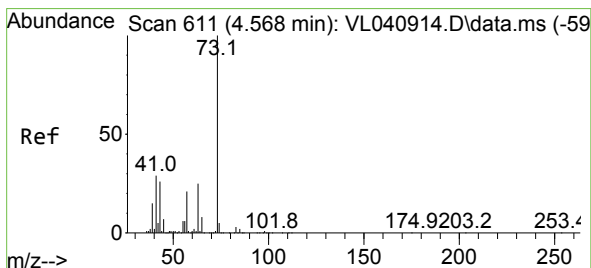
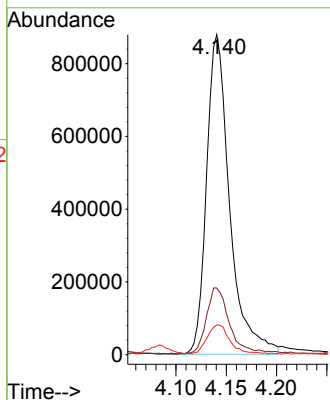
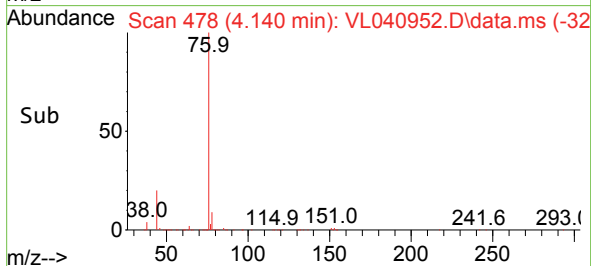
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



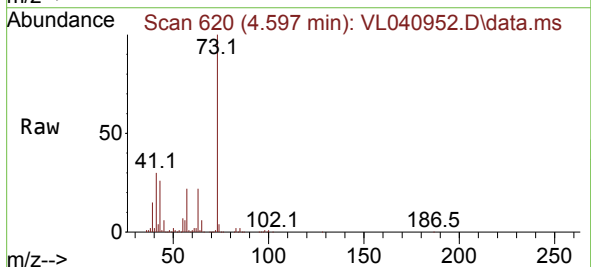
Tgt Ion: 76 Resp: 1403340
Ion Ratio Lower Upper
76 100
44 21.7 18.4 27.6
78 10.0 7.9 11.9

Manual Integrations
APPROVED

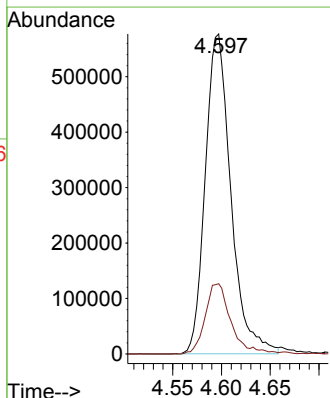
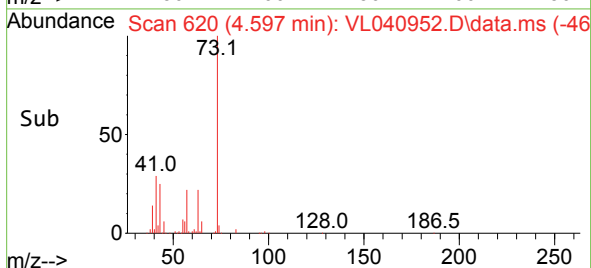
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023

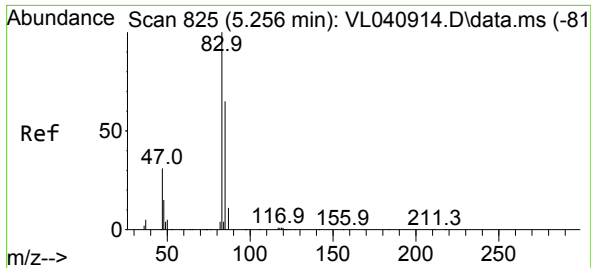


#28
Methyl tert-Butyl Ether
Concen: 10.663 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26



Tgt Ion: 73 Resp: 1056550
Ion Ratio Lower Upper
73 100
57 22.4 18.0 27.0





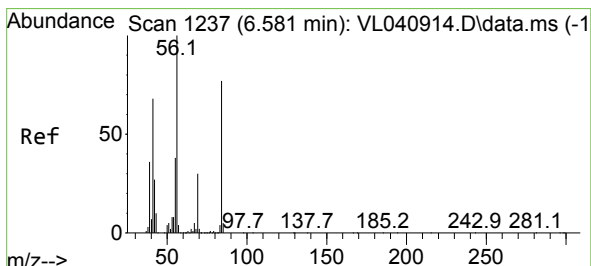
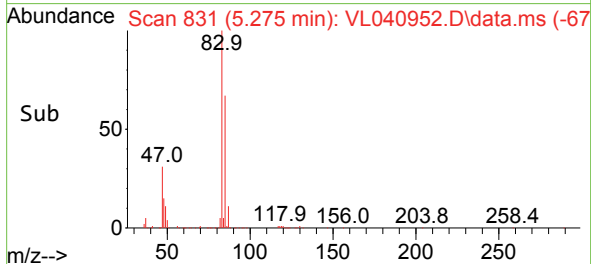
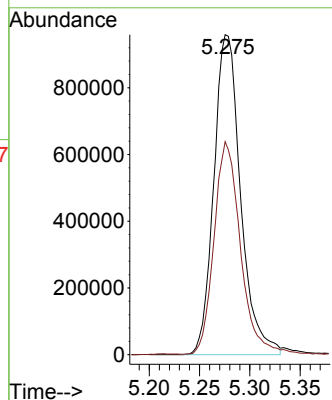
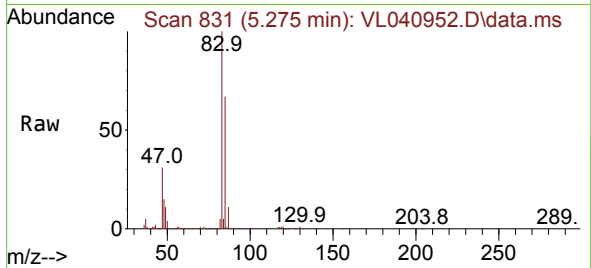
#29
Chloroform
Concen: 9.854 ppbv
RT: 5.275 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 177555
Ion Ratio Lower Upper
83 100
85 66.4 52.3 78.5

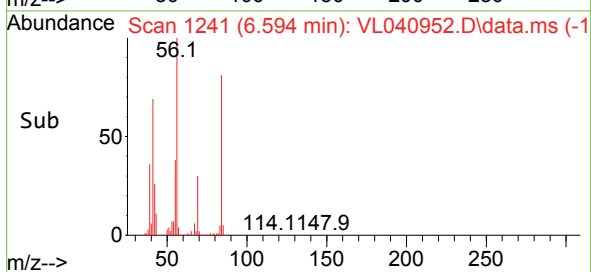
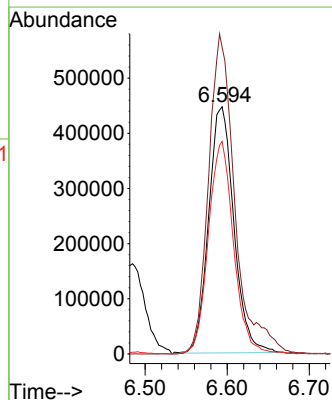
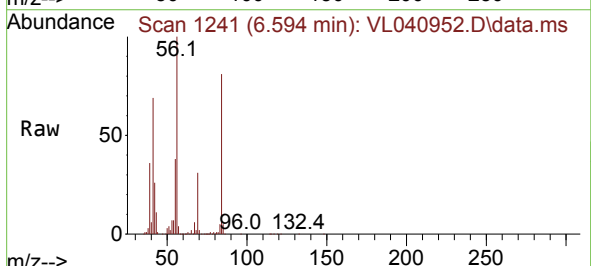
Manual Integrations
APPROVED

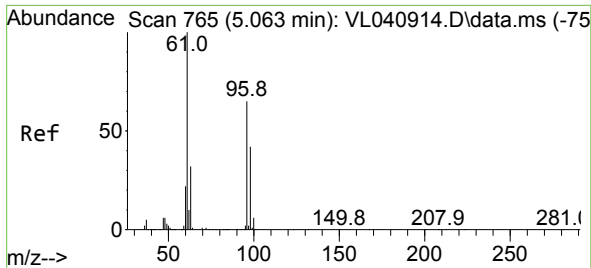
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023



#30
Cyclohexane
Concen: 10.720 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

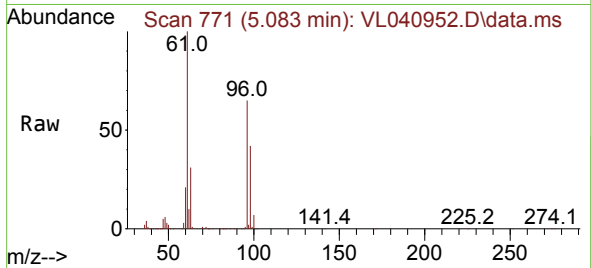
Tgt Ion: 84 Resp: 954242
Ion Ratio Lower Upper
84 100
56 136.3 111.4 167.2
41 86.0 70.0 105.0





#31
 cis-1,2-Dichloroethene
 Concen: 10.419 ppbv
 RT: 5.083 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26

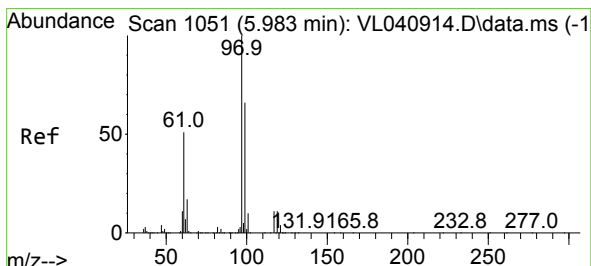
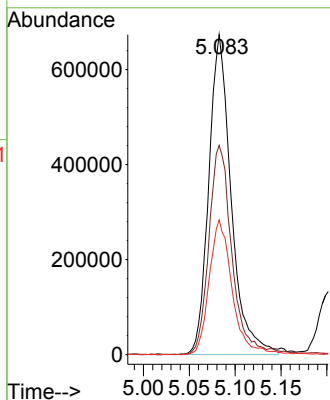
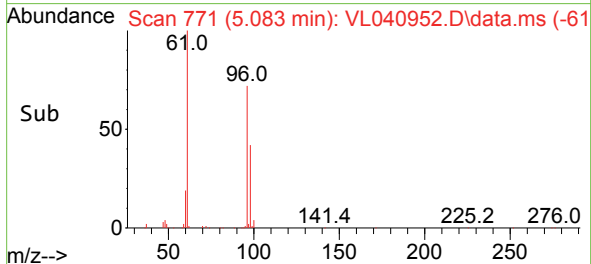
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



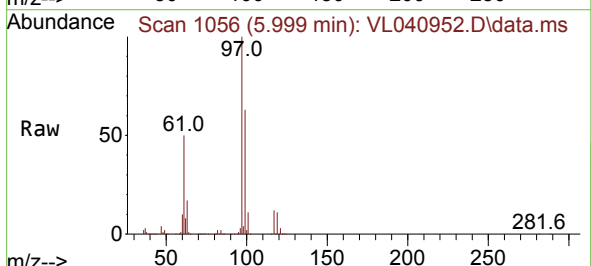
Tgt Ion: 61 Resp: 1142784
 Ion Ratio Lower Upper
 61 100
 96 65.4 51.7 77.5
 98 42.1 33.2 49.8

Manual Integrations
 APPROVED

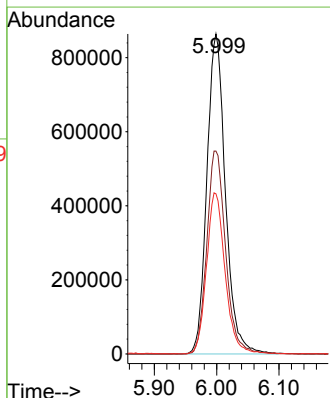
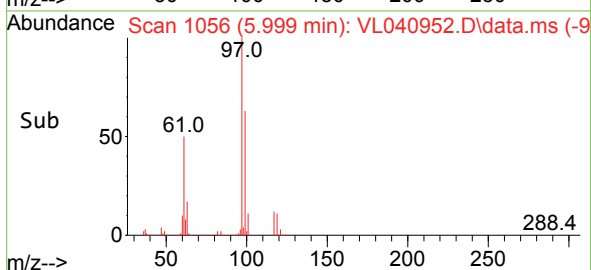
Reviewed By :Semsettin Yesilyurt 12/26/2023
 Supervised By :Mahesh Dadoda 12/26/2023

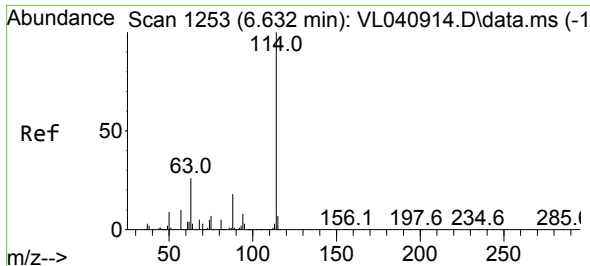


#32
 1,1,1-Trichloroethane
 Concen: 10.241 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26



Tgt Ion: 97 Resp: 1784026
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.8 77.6
 61 50.9 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL040952.D

Acq: 22 Dec 2023 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 301559

Ion Ratio Lower Upper

114 100

63 25.0 21.0 31.6

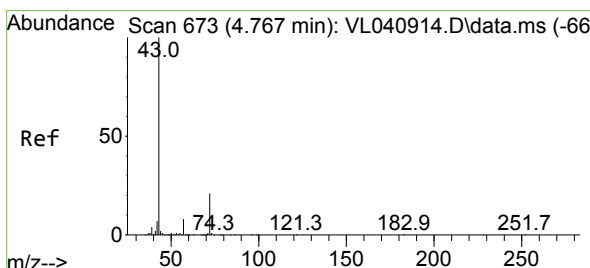
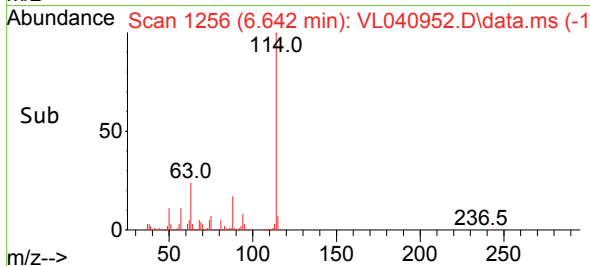
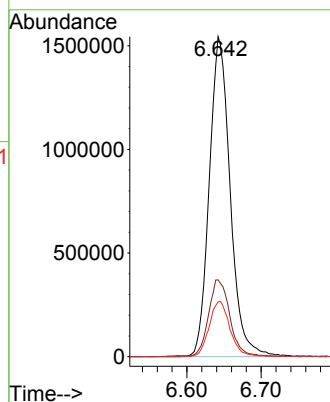
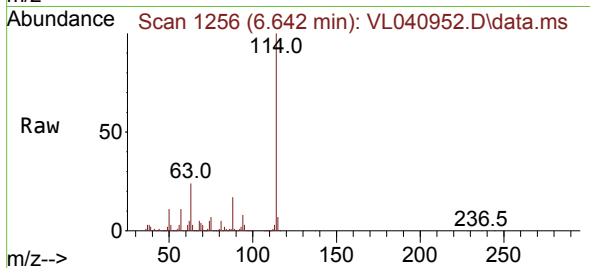
88 17.4 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/26/2023

Supervised By :Mahesh Dadoda 12/26/2023



#34

2-Butanone

Concen: 10.039 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.000 min

Lab File: VL040952.D

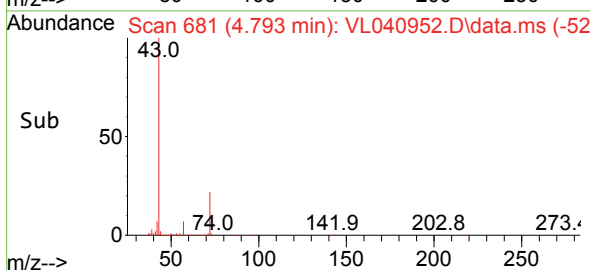
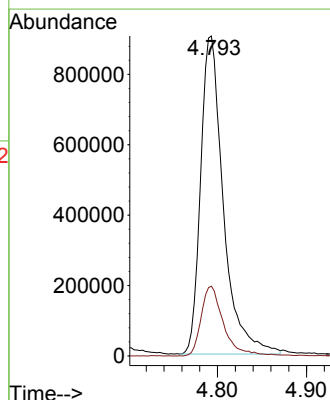
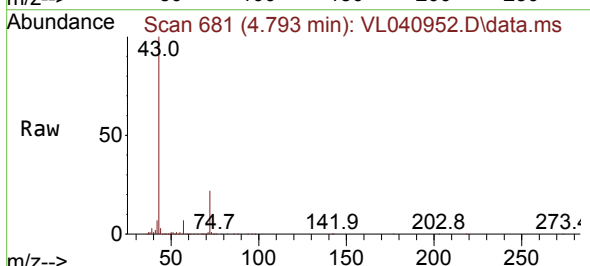
Acq: 22 Dec 2023 9:26

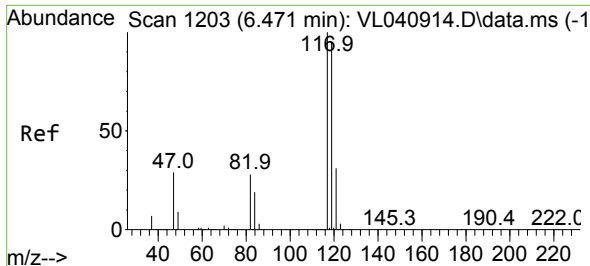
Tgt Ion: 43 Resp: 1601442

Ion Ratio Lower Upper

43 100

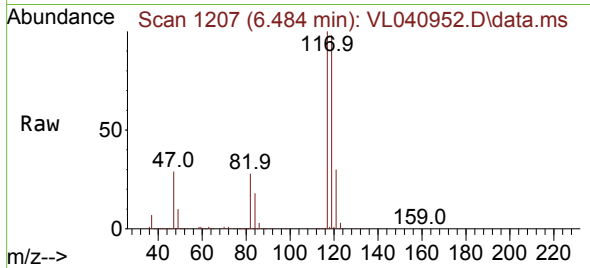
72 21.9 17.2 25.8





#35
Carbon Tetrachloride
Concen: 10.051 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

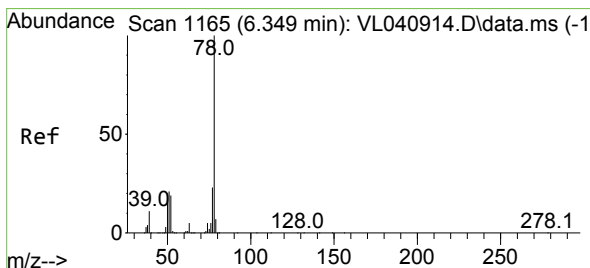
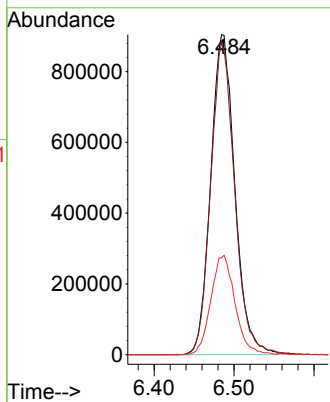
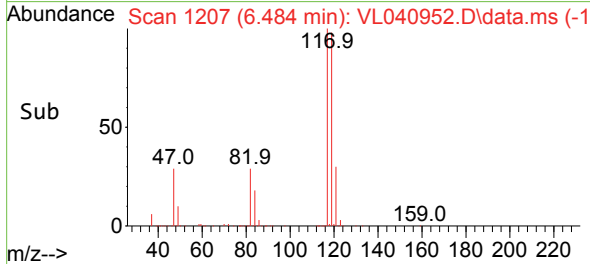
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 189815
Ion Ratio Lower Upper
117 100
119 97.6 76.3 114.5
121 30.3 24.9 37.3

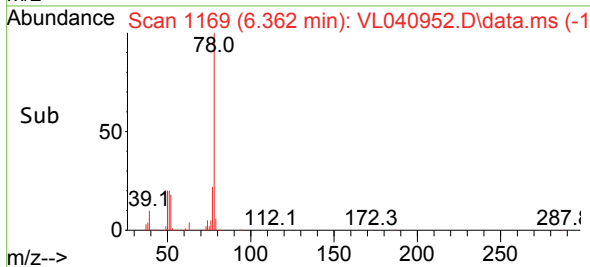
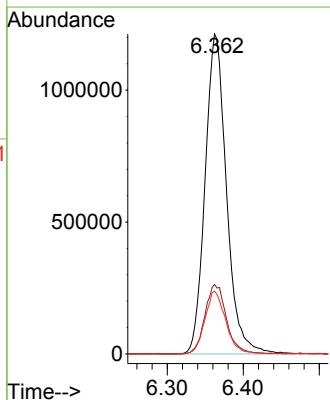
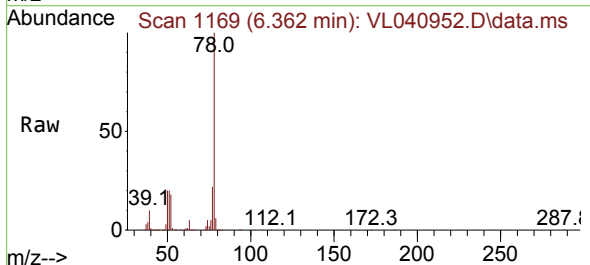
Manual Integrations
APPROVED

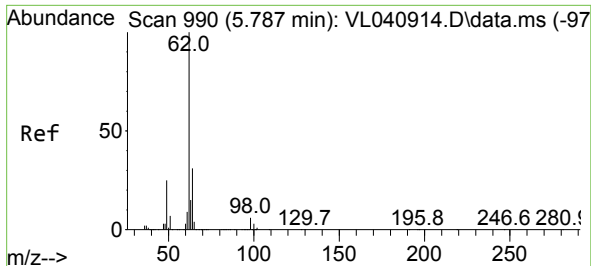
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023



#36
Benzene
Concen: 10.057 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Tgt Ion: 78 Resp: 2370898
Ion Ratio Lower Upper
78 100
77 21.7 18.4 27.6
50 19.6 16.0 24.0





#37

1,2-Dichloroethane

Concen: 9.713 ppbv

RT: 5.803 min Scan# 990

Delta R.T. 0.000 min

Lab File: VL040952.D

Acq: 22 Dec 2023 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 137201

Ion Ratio Lower Upper

62 100

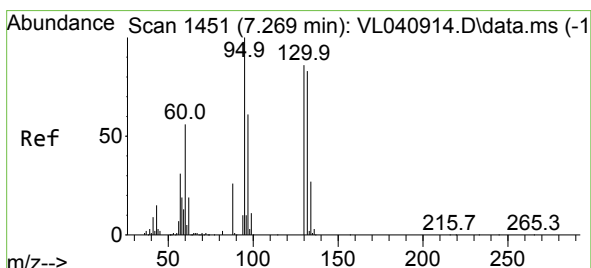
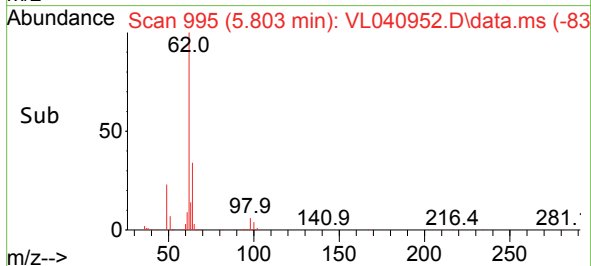
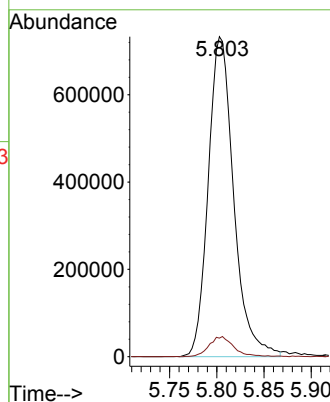
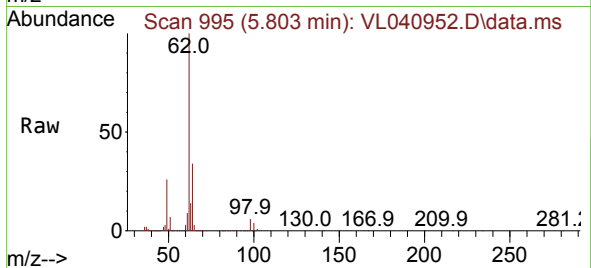
98 6.3 4.6 7.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/26/2023

Supervised By :Mahesh Dadoda 12/26/2023



#38

Trichloroethene

Concen: 10.390 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VL040952.D

Acq: 22 Dec 2023 9:26

Tgt Ion:130 Resp: 919893

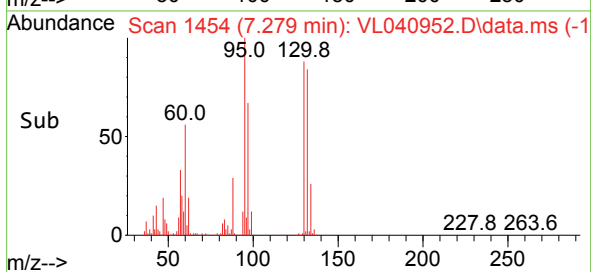
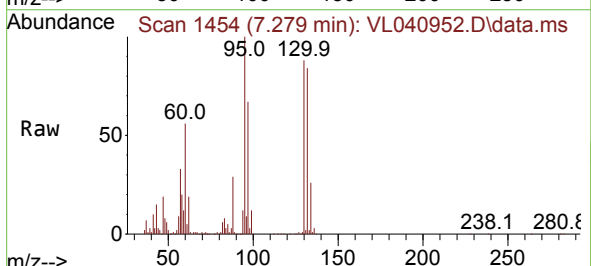
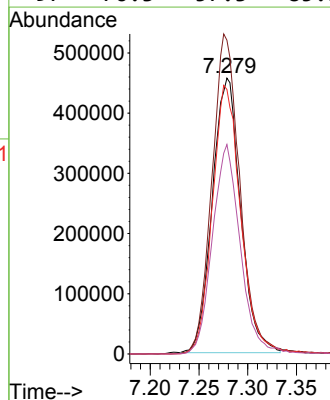
Ion Ratio Lower Upper

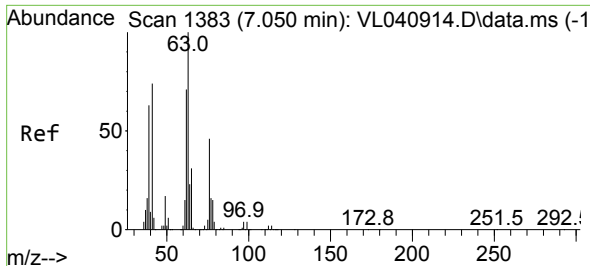
130 100

95 114.1 93.5 140.3

132 96.3 77.4 116.2

97 76.3 57.3 85.9





#39

1,2-Dichloropropane

Concen: 9.923 ppbv

RT: 7.060 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040952.D

Acq: 22 Dec 2023 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 919208

Ion Ratio Lower Upper

63 100

41 73.0 59.0 88.6

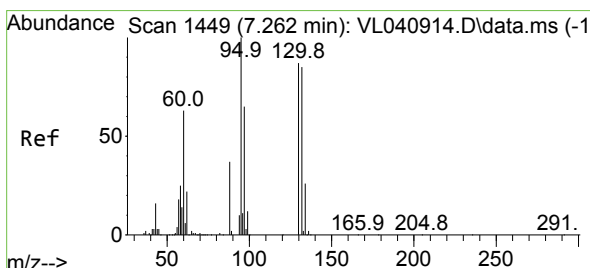
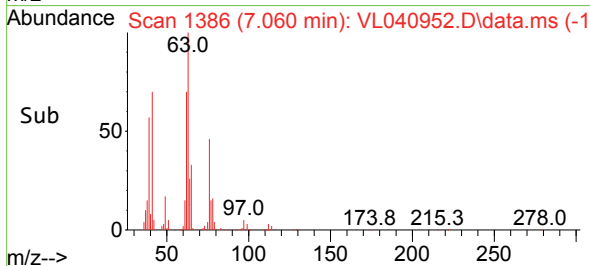
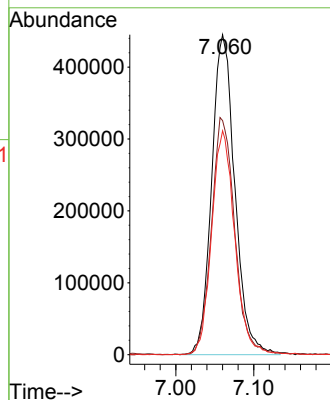
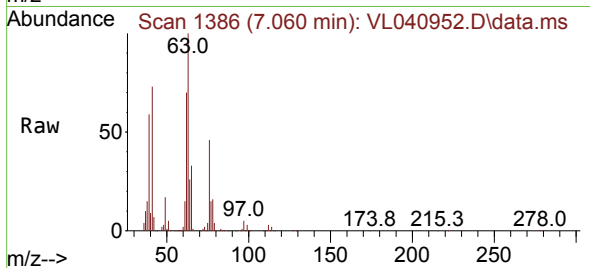
62 69.9 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/26/2023

Supervised By :Mahesh Dadoda 12/26/2023



#40

1,4-Dioxane

Concen: 9.496 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.000 min

Lab File: VL040952.D

Acq: 22 Dec 2023 9:26

Tgt Ion: 88 Resp: 371438

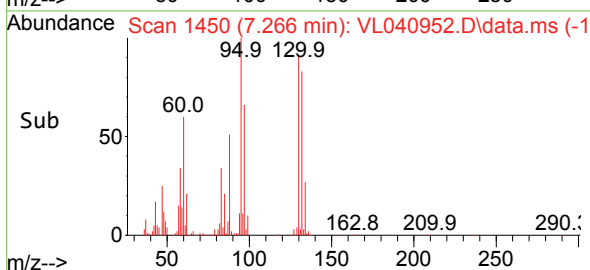
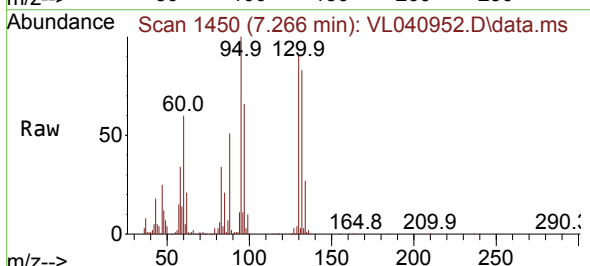
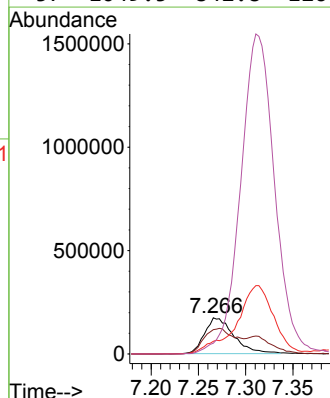
Ion Ratio Lower Upper

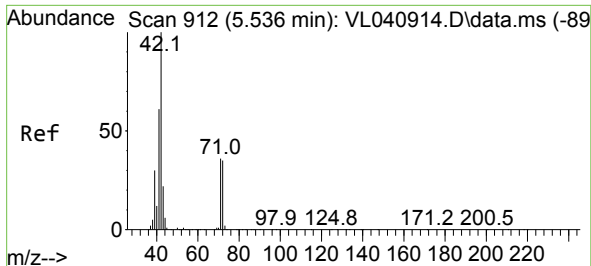
88 100

58 121.4 97.3 145.9

43 244.9 200.6 300.8

57 1049.5 842.8 1264.2





#41

Tetrahydrofuran

Concen: 10.258 ppbv

RT: 5.552 min Scan# 912

Delta R.T. 0.000 min

Lab File: VL040952.D

Acq: 22 Dec 2023 9:26

Instrument :

MSVOA_L

ClientSampleId :

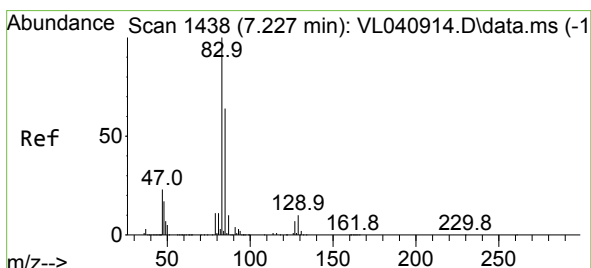
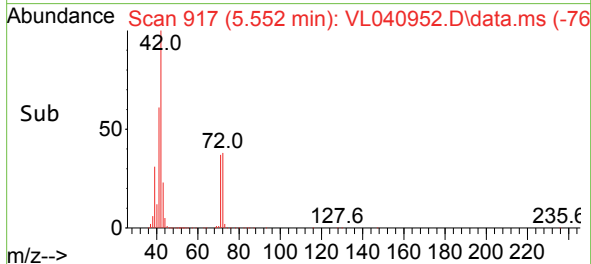
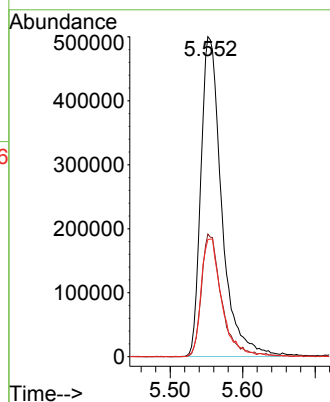
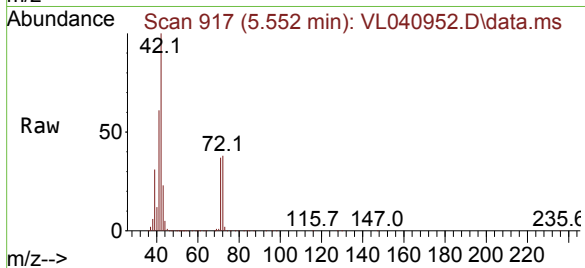
VSTDCCC010

Tgt Ion: 42 Resp: 995569
 Ion Ratio Lower Upper
 42 100
 72 37.7 29.6 44.4
 71 37.0 29.1 43.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/26/2023
 Supervised By :Mahesh Dadoda 12/26/2023



#42

Bromodichloromethane

Concen: 9.773 ppbv

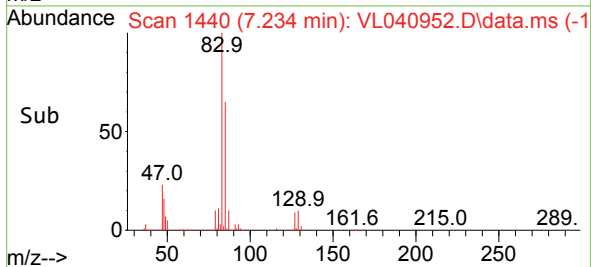
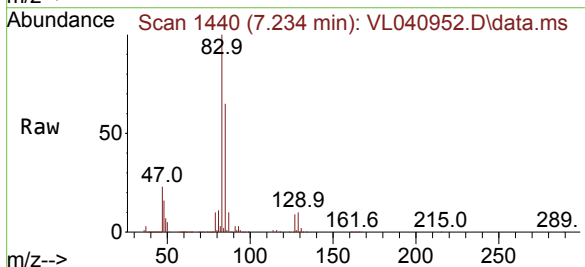
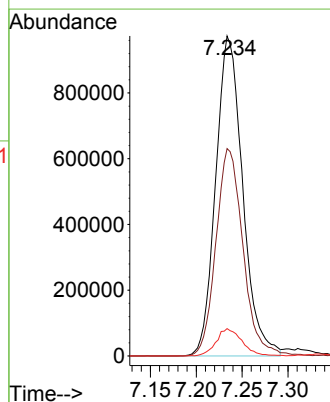
RT: 7.234 min Scan# 1440

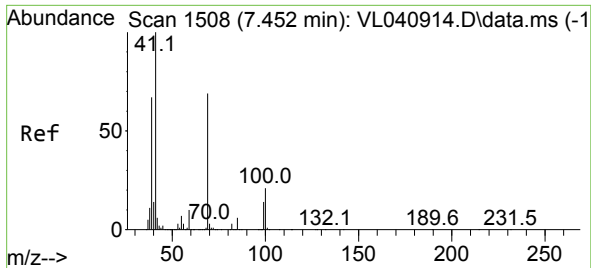
Delta R.T. 0.000 min

Lab File: VL040952.D

Acq: 22 Dec 2023 9:26

Tgt Ion: 83 Resp: 1991007
 Ion Ratio Lower Upper
 83 100
 85 64.8 51.4 77.0
 127 8.5 5.9 8.9





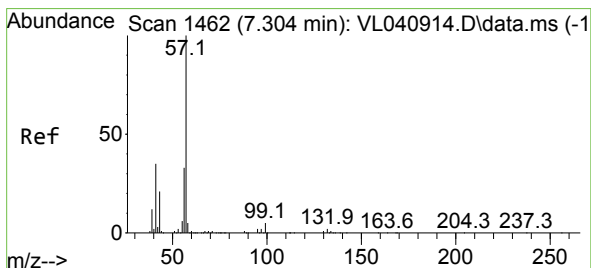
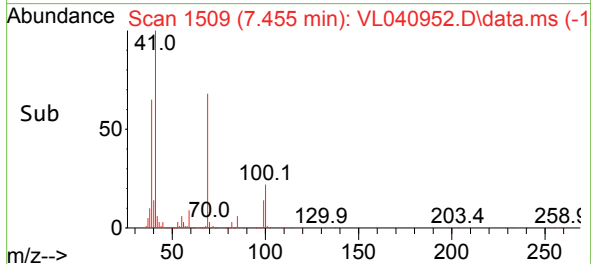
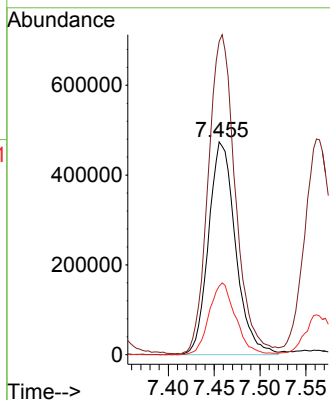
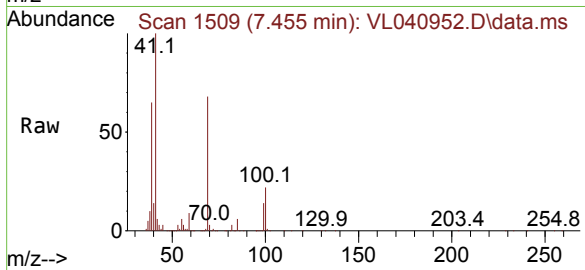
#43
Methyl Methacrylate
Concen: 10.507 ppbv
RT: 7.455 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 971578
Ion Ratio Lower Upper
69 100
41 150.7 119.9 179.9
100 32.9 25.1 37.7

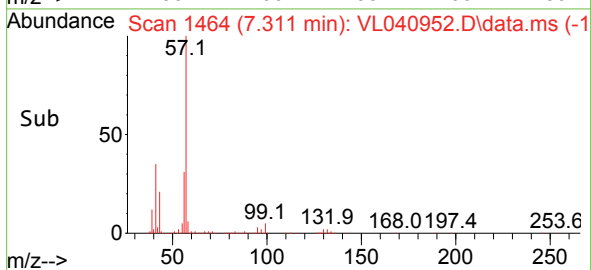
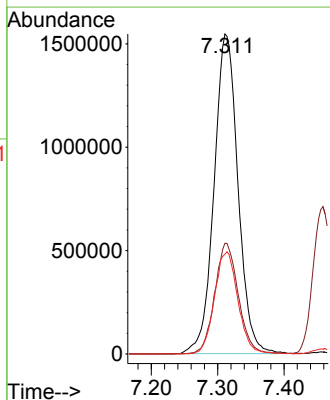
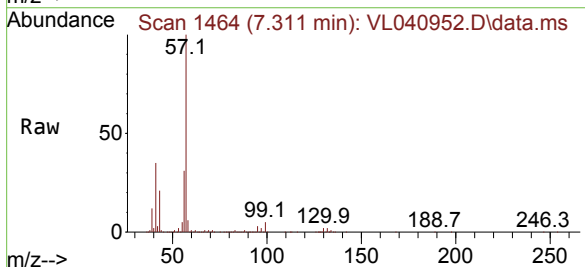
Manual Integrations
APPROVED

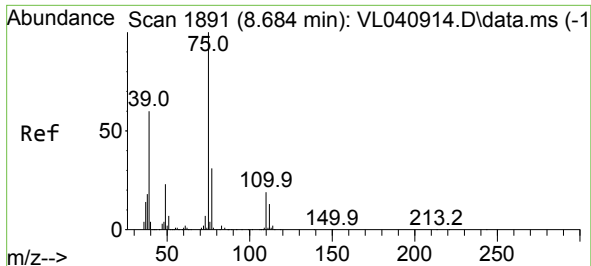
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023



#44
2,2,4-Trimethylpentane
Concen: 9.672 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

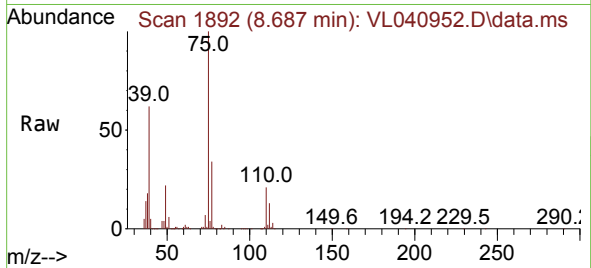
Tgt Ion: 57 Resp: 3873085
Ion Ratio Lower Upper
57 100
41 34.3 28.2 42.4
56 31.5 25.3 37.9





#45
 t-1,3-Dichloropropene
 Concen: 11.310 ppbv
 RT: 8.687 min Scan# 1892
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26

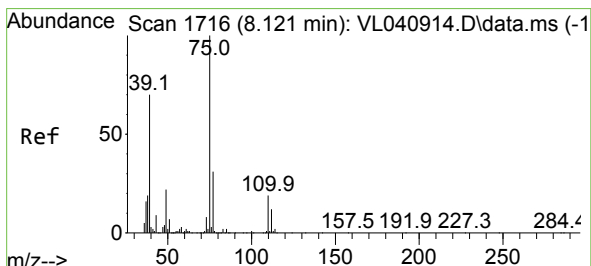
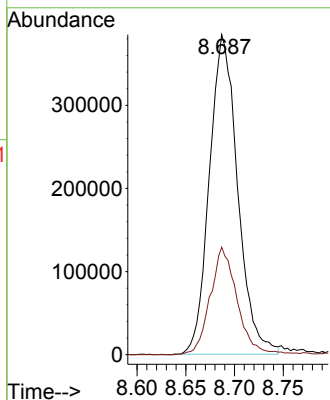
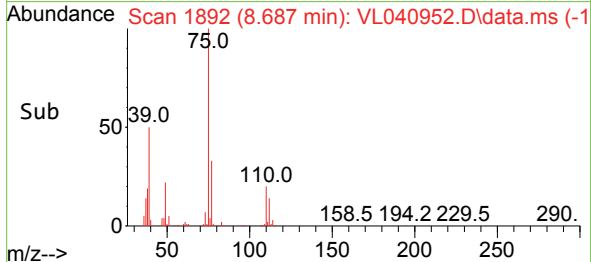
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



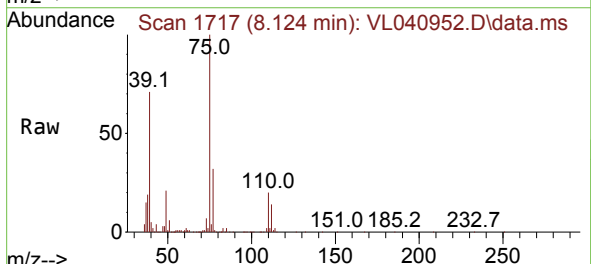
Tgt Ion: 75 Resp: 775927
 Ion Ratio Lower Upper
 75 100
 77 33.6 24.8 37.2

Manual Integrations
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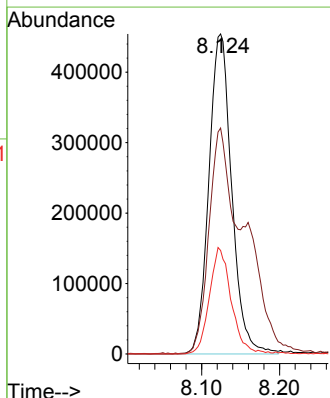
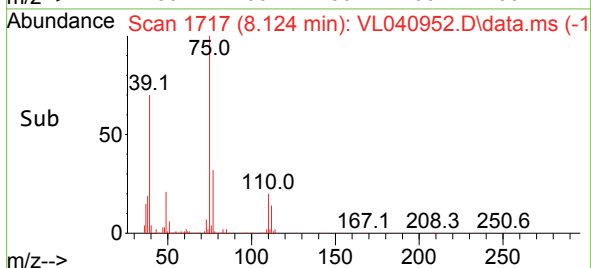
Reviewed By :Semsettin Yesilyurt 12/26/2023
 Supervised By :Mahesh Dadoda 12/26/2023

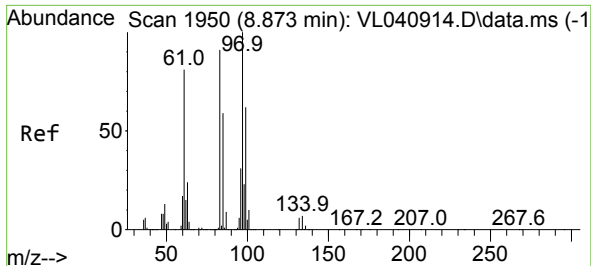


#46
 cis-1,3-Dichloropropene
 Concen: 10.877 ppbv
 RT: 8.124 min Scan# 1717
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26



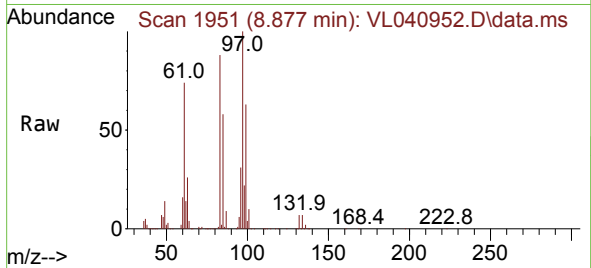
Tgt Ion: 75 Resp: 923878
 Ion Ratio Lower Upper
 75 100
 39 70.5 56.2 84.4
 77 32.4 24.5 36.7





#47
1,1,2-Trichloroethane
Concen: 10.088 ppbv
RT: 8.877 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

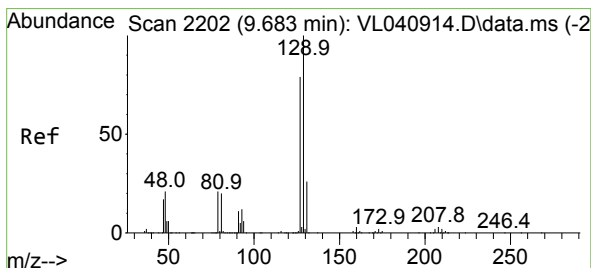
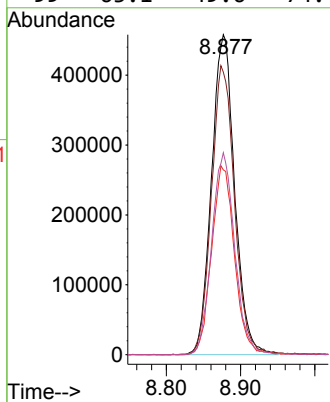
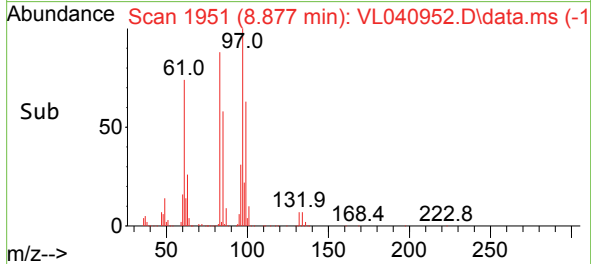
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 991302
Ion Ratio Lower Upper
97 100
83 88.3 72.6 108.8
85 57.8 47.4 71.0
99 63.1 49.6 74.4

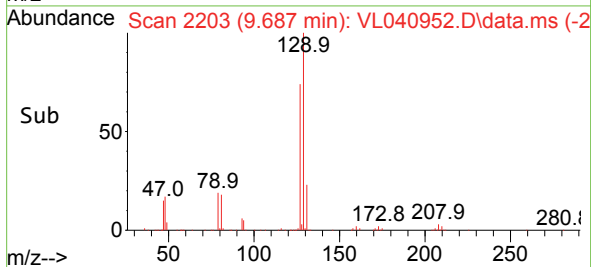
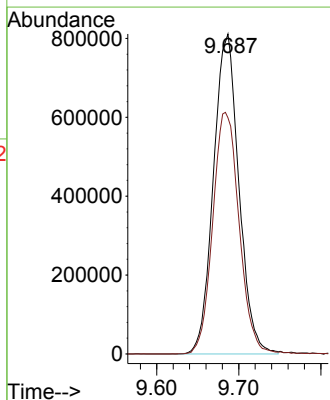
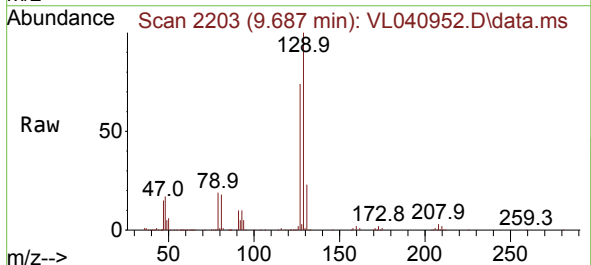
Manual Integrations
APPROVED

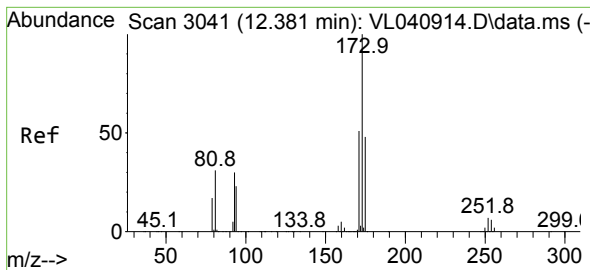
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023



#48
Dibromochloromethane
Concen: 10.445 ppbv
RT: 9.687 min Scan# 2203
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Tgt Ion:129 Resp: 1752015
Ion Ratio Lower Upper
129 100
127 78.6 39.6 119.0





#49

Bromoform

Concen: 10.728 ppbv

RT: 12.375 min Scan# 3041

Delta R.T. 0.000 min

Lab File: VL040952.D

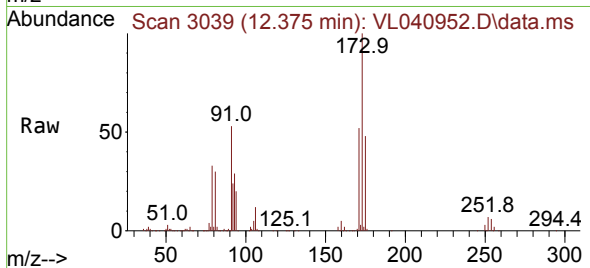
Acq: 22 Dec 2023 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:173 Resp: 1388490

Ion Ratio Lower Upper

173 100

175 49.6 39.3 58.9

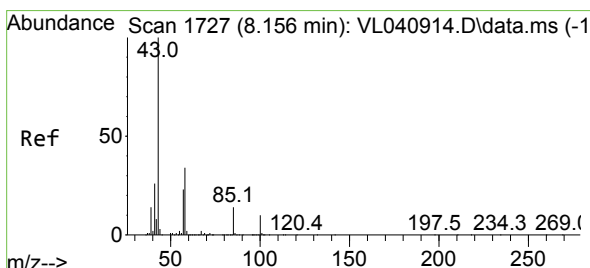
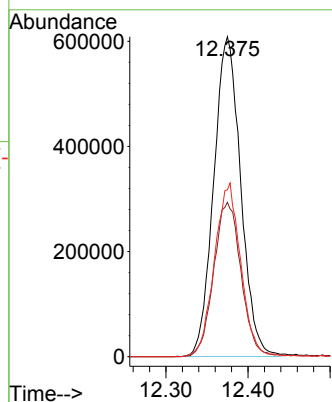
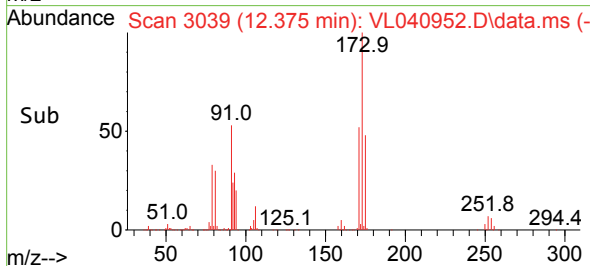
171 53.4 41.8 62.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/26/2023

Supervised By :Mahesh Dadoda 12/26/2023



#50

4-Methyl-2-Pentanone

Concen: 10.217 ppbv

RT: 8.160 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VL040952.D

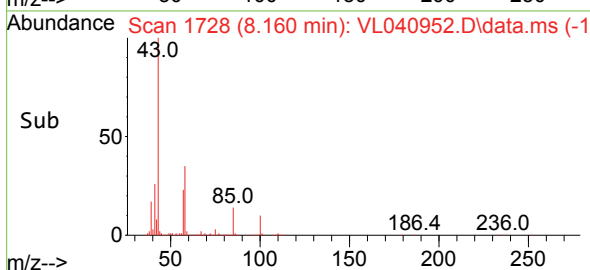
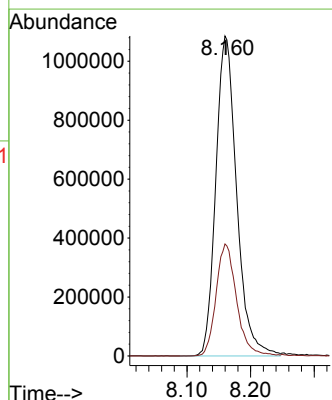
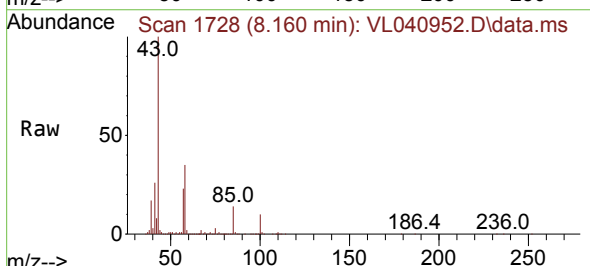
Acq: 22 Dec 2023 9:26

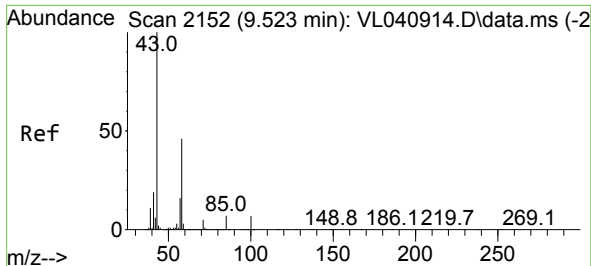
Tgt Ion: 43 Resp: 2468456

Ion Ratio Lower Upper

43 100

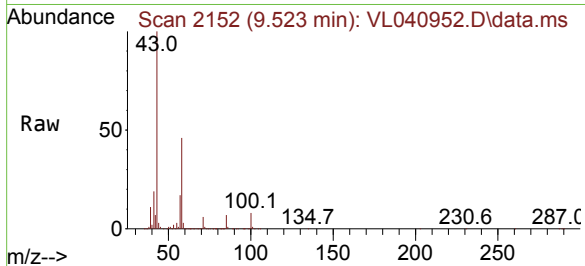
58 34.8 27.4 41.0





#51
2-Hexanone
Concen: 10.435 ppbv
RT: 9.523 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

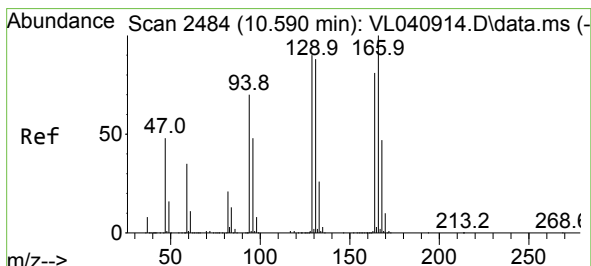
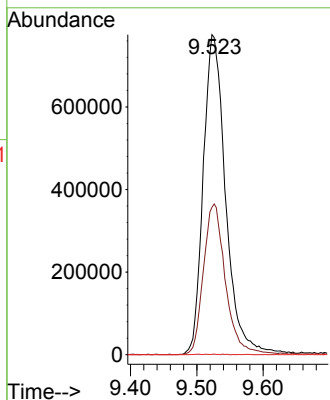
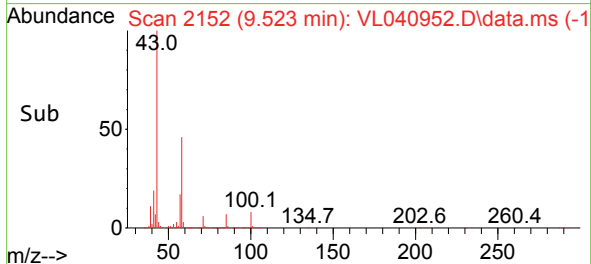
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



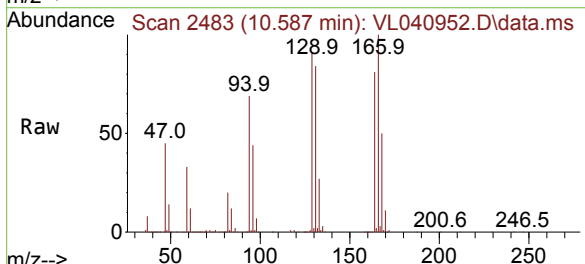
Tgt Ion: 43 Resp: 1814674
Ion Ratio Lower Upper
43 100
58 46.7 37.3 55.9
98 0.2 0.2 0.2

Manual Integrations
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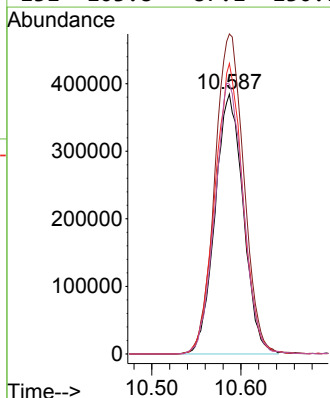
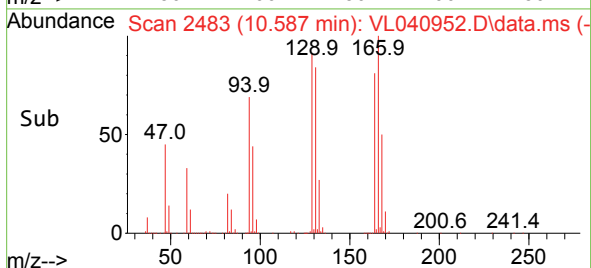
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023

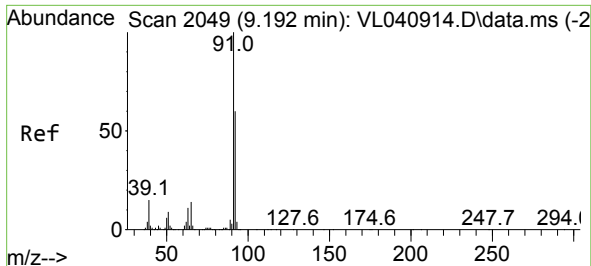


#52
Tetrachloroethene
Concen: 10.681 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26



Tgt Ion:164 Resp: 848205
Ion Ratio Lower Upper
164 100
166 123.1 98.9 148.3
129 111.7 88.7 133.1
131 103.8 87.1 130.7





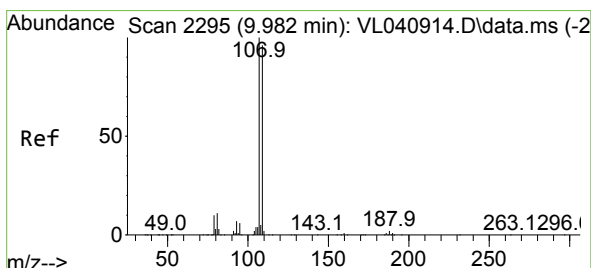
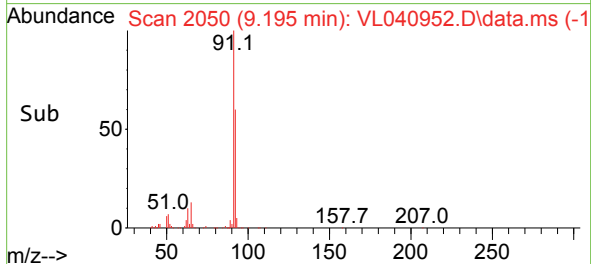
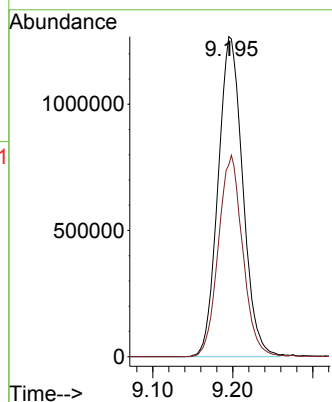
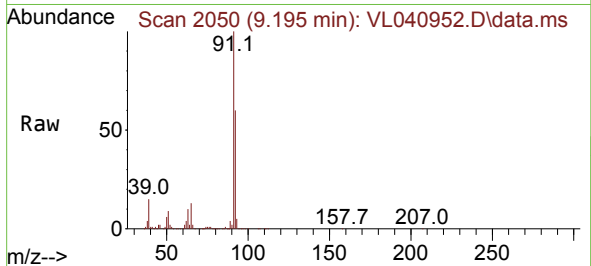
#53
Toluene
Concen: 10.384 ppbv
RT: 9.195 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 271434
Ion Ratio Lower Upper
91 100
92 62.3 49.2 73.8

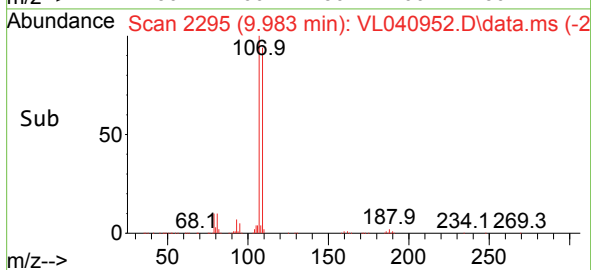
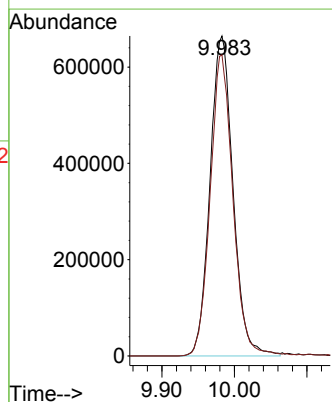
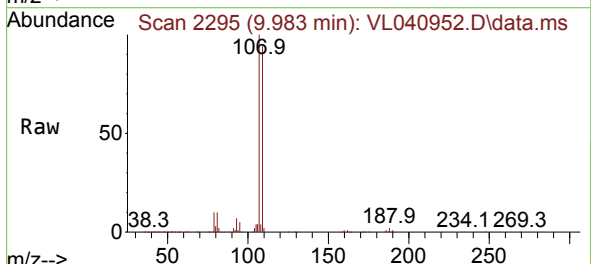
Manual Integrations
APPROVED

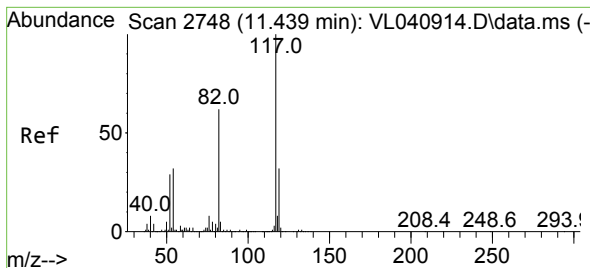
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023



#54
1,2-Dibromoethane
Concen: 10.853 ppbv
RT: 9.983 min Scan# 2295
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

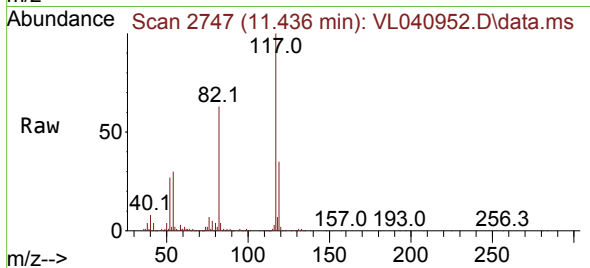
Tgt Ion:107 Resp: 1463567
Ion Ratio Lower Upper
107 100
109 94.0 77.0 115.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.436 min Scan# 2748
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

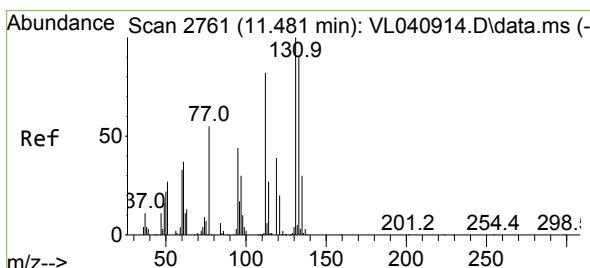
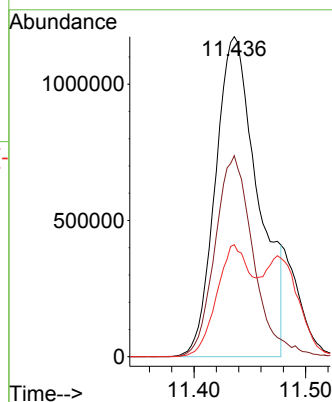
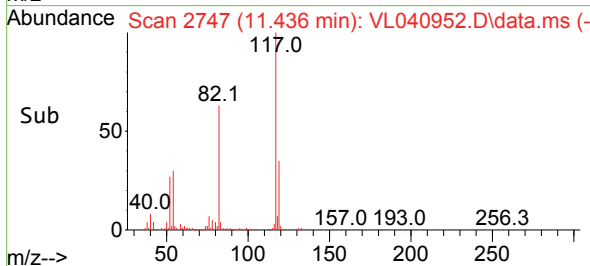
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



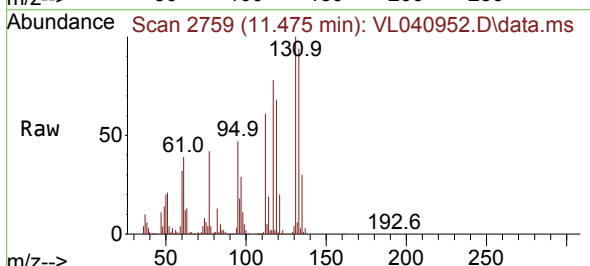
Tgt Ion:117 Resp: 311361
Ion Ratio Lower Upper
117 100
82 57.1 49.6 74.4
119 28.0 23.4 35.0

Manual Integrations
APPROVED

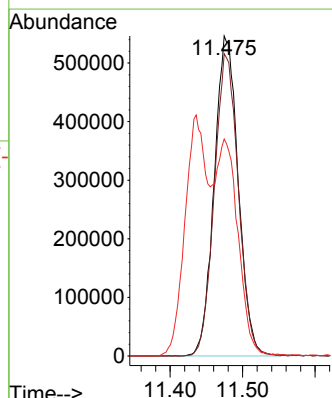
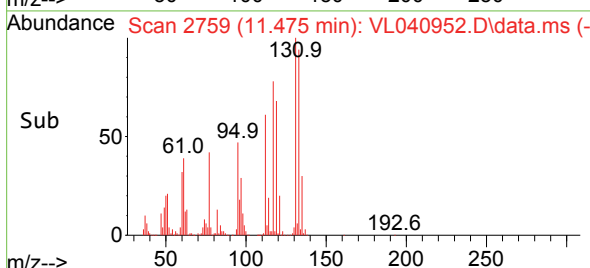
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023

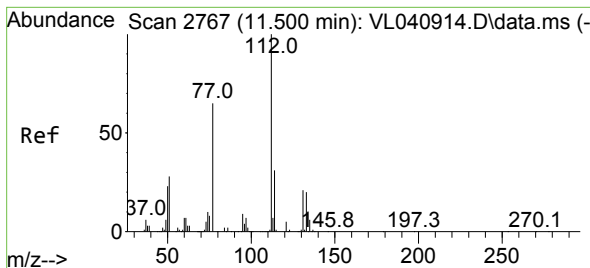


#56
1,1,1,2-Tetrachloroethane
Concen: 9.221 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26



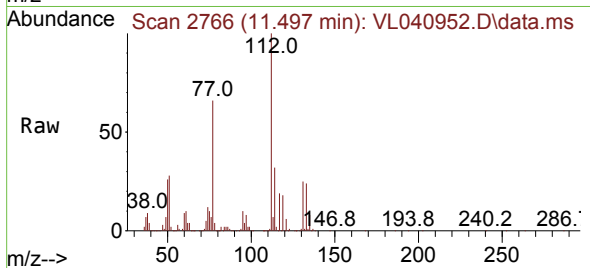
Tgt Ion:131 Resp: 1255486
Ion Ratio Lower Upper
131 100
133 94.8 76.3 114.5
119 62.2 48.6 73.0





#57
Chlorobenzene
Concen: 9.333 ppbv
RT: 11.497 min Scan# 2140038
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

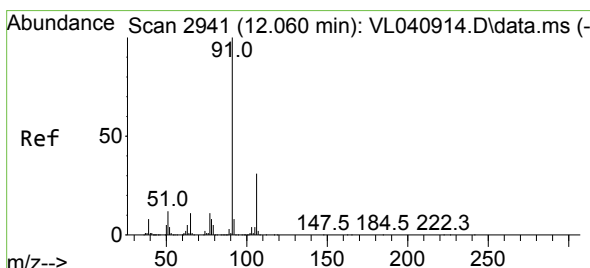
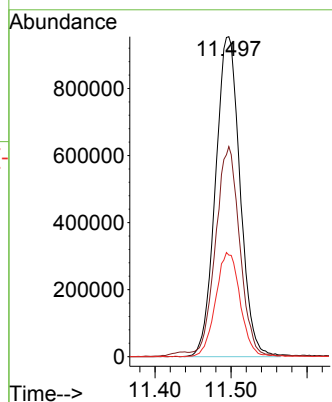
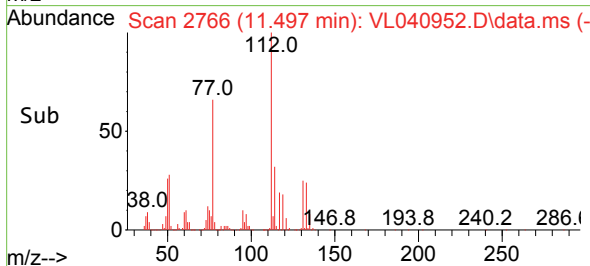
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 2140038
Ion Ratio Lower Upper
112 100
77 65.2 52.7 79.1
114 31.8 28.4 34.7

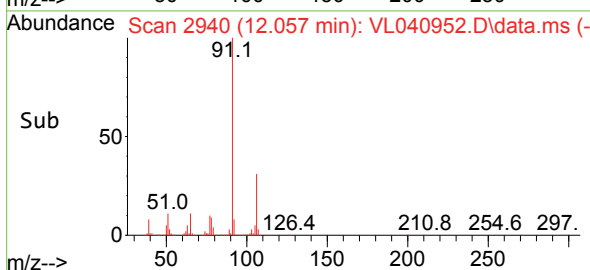
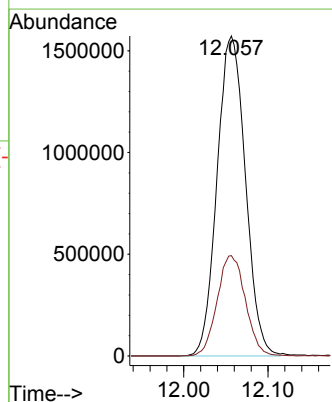
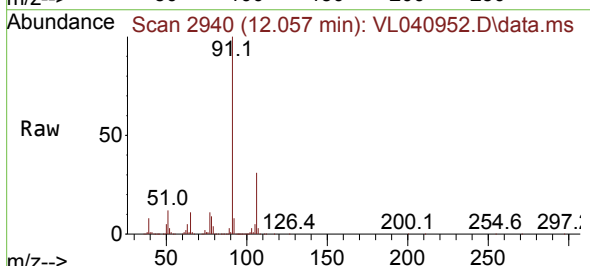
Manual Integrations
APPROVED

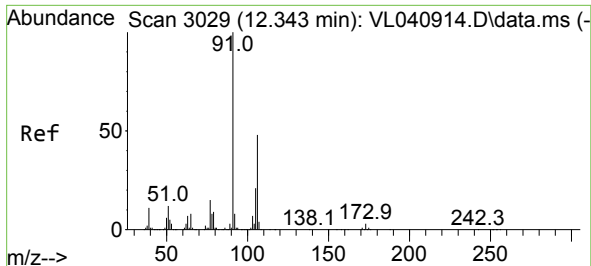
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023



#58
Ethyl Benzene
Concen: 9.170 ppbv
RT: 12.057 min Scan# 2940
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Tgt Ion: 91 Resp: 3667318
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3





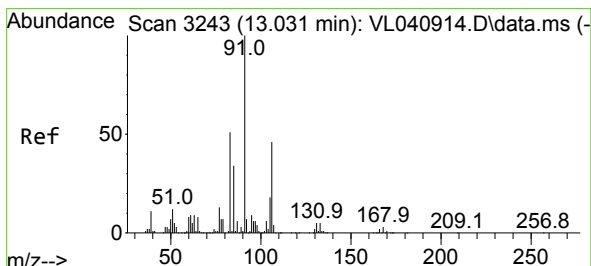
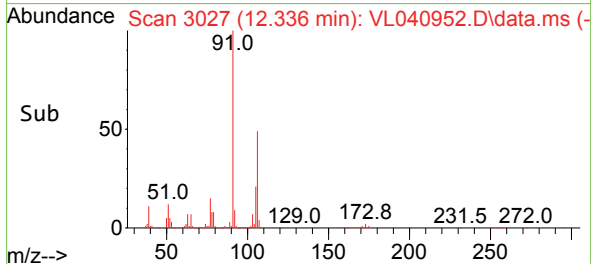
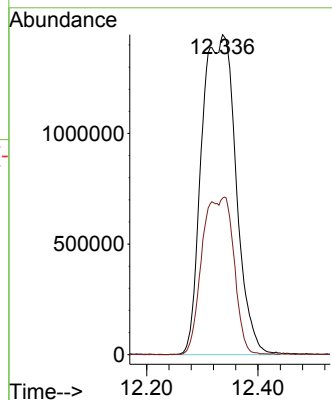
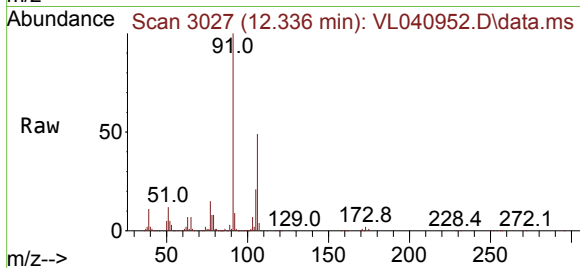
#59
m/p-Xylene
Concen: 18.089 ppbv m
RT: 12.336 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 615340
Ion Ratio Lower Upper
91 100
106 46.1 0.0 0.0

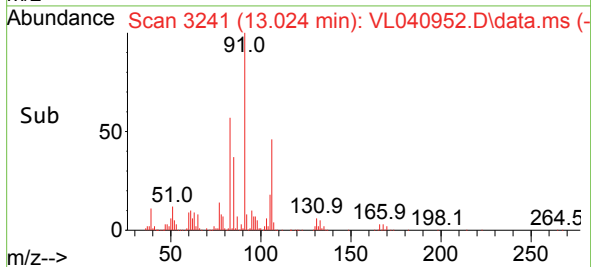
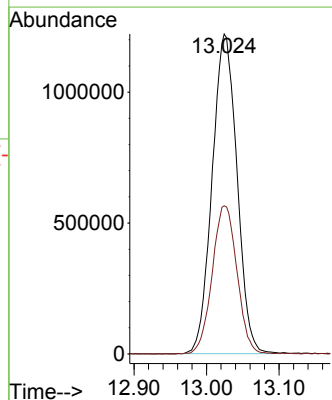
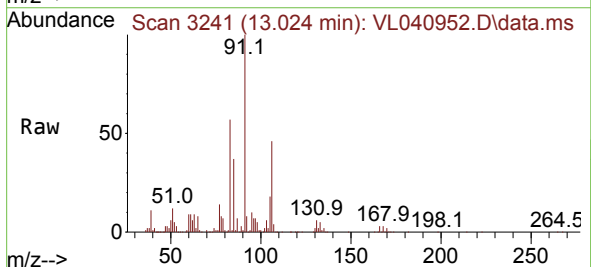
Manual Integrations
APPROVED

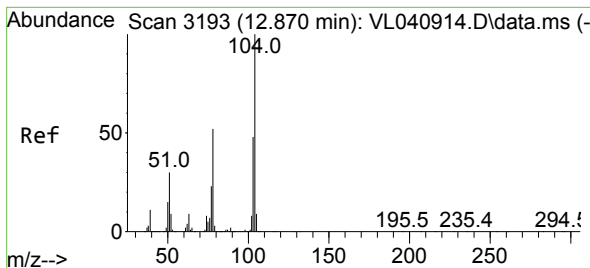
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023



#60
o-Xylene
Concen: 9.064 ppbv
RT: 13.024 min Scan# 3241
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Tgt Ion: 91 Resp: 2905087
Ion Ratio Lower Upper
91 100
106 46.4 22.6 67.7





#61

Styrene

Concen: 10.461 ppbv

RT: 12.864 min Scan# 3193

Delta R.T. 0.000 min

Lab File: VL040952.D

Acq: 22 Dec 2023 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 159390

Ion Ratio Lower Upper

104 100

78 51.3 43.0 64.4

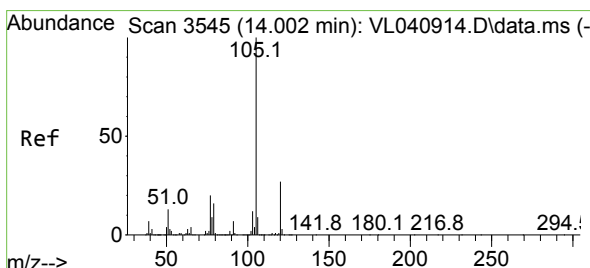
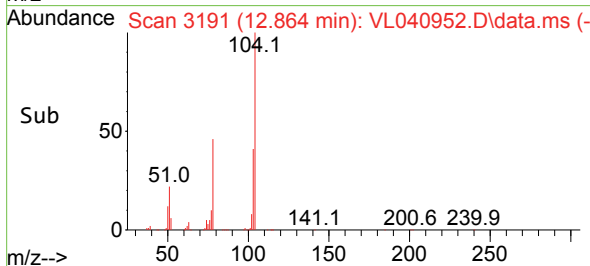
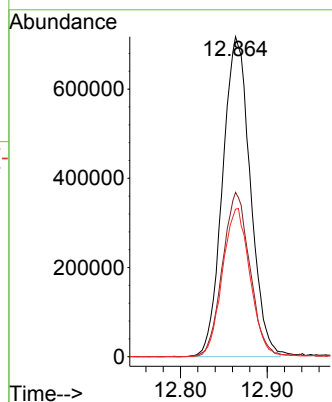
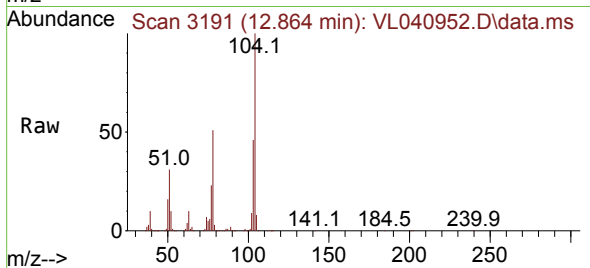
103 46.5 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/26/2023

Supervised By :Mahesh Dadoda 12/26/2023



#62

Isopropylbenzene

Concen: 9.232 ppbv

RT: 13.992 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VL040952.D

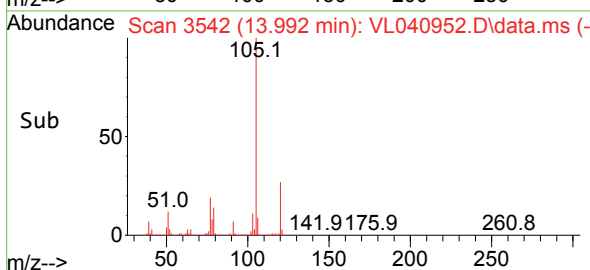
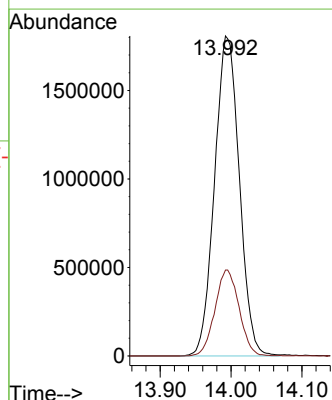
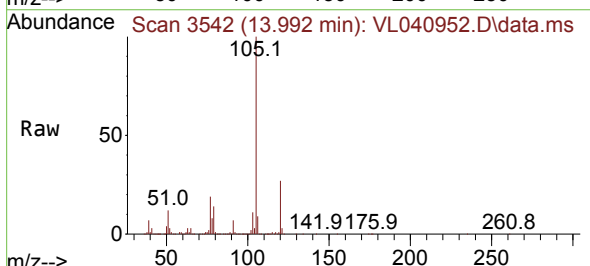
Acq: 22 Dec 2023 9:26

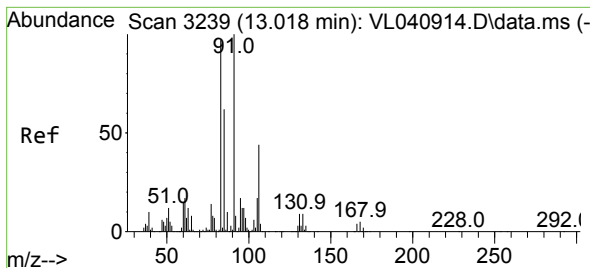
Tgt Ion:105 Resp: 4388125

Ion Ratio Lower Upper

105 100

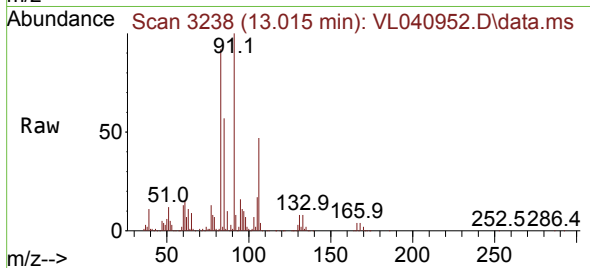
120 26.3 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.208 ppbv
RT: 13.015 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

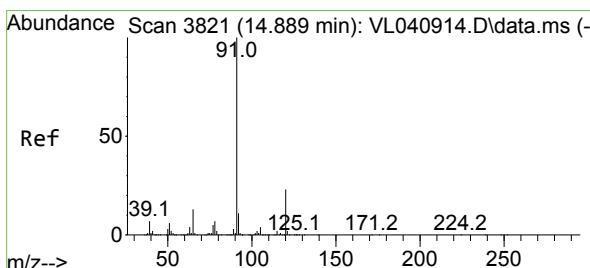
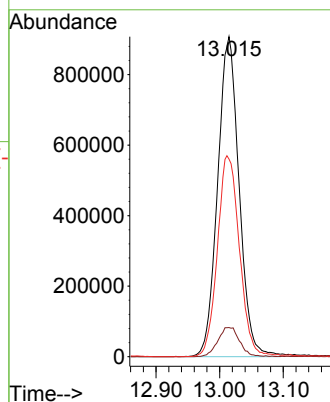
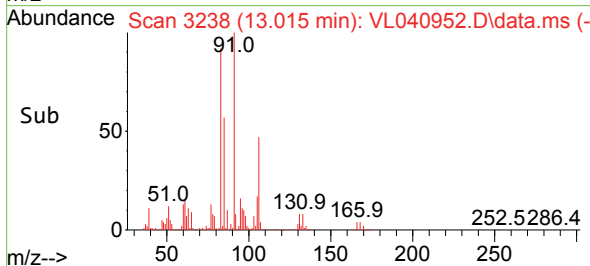
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



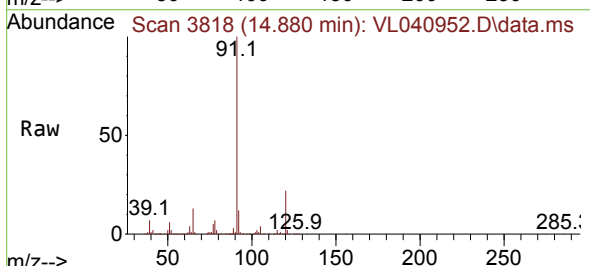
Tgt Ion: 83 Resp: 212609
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.0
85 65.2 32.6 98.0

Manual Integrations
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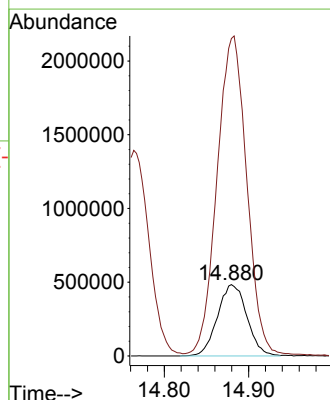
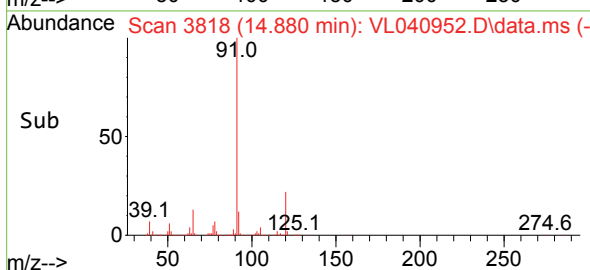
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023

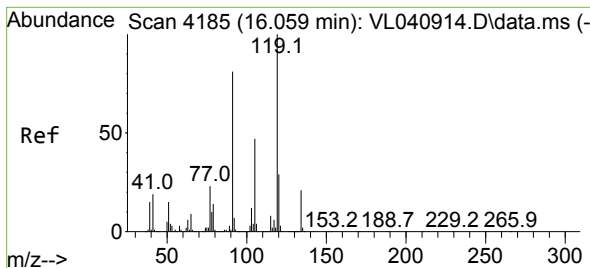


#64
n-propylbenzene
Concen: 9.834 ppbv
RT: 14.880 min Scan# 3818
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26



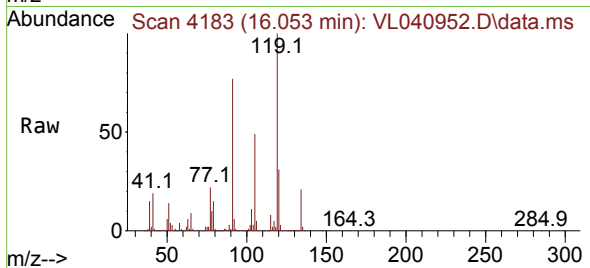
Tgt Ion:120 Resp: 1172444
Ion Ratio Lower Upper
120 100
91 454.8 381.9 572.9





#65
tert-Butylbenzene
Concen: 9.518 ppbv
RT: 16.053 min Scan# 4185
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

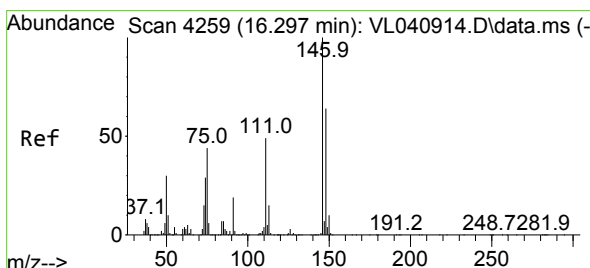
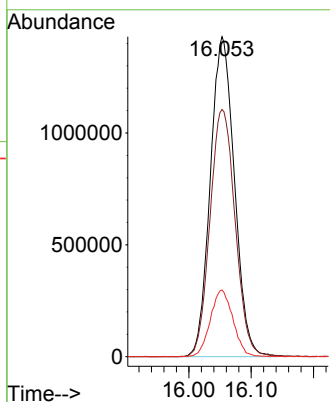
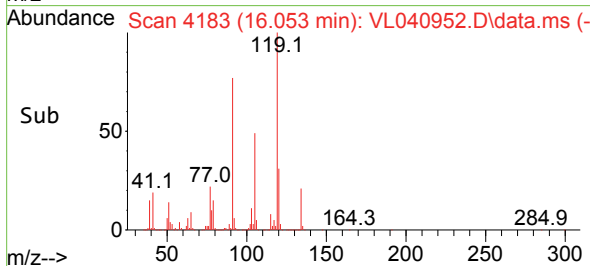
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 384535
Ion Ratio Lower Upper
119 100
91 80.5 67.2 100.8
134 19.7 15.8 23.6

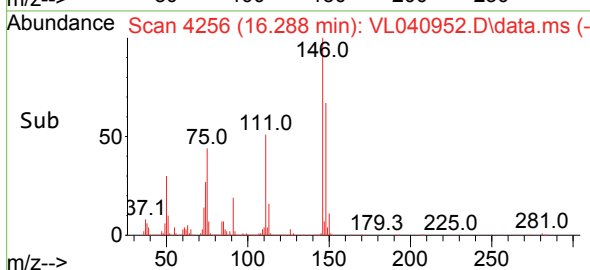
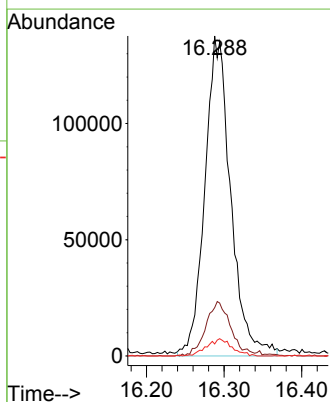
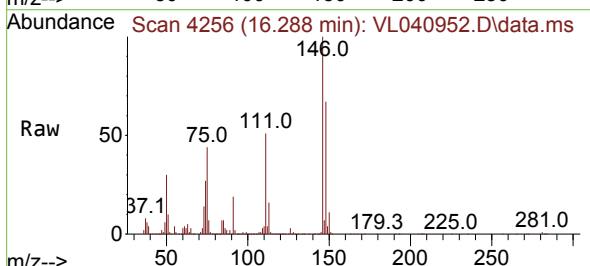
Manual Integrations
APPROVED

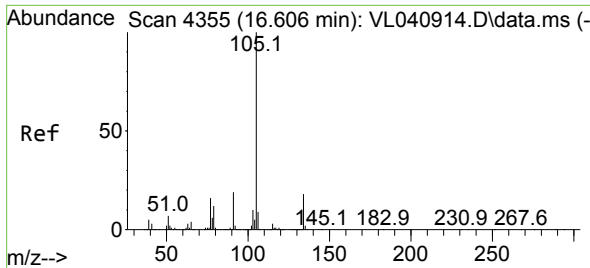
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023



#66
Benzyl Chloride
Concen: 11.524 ppbv m
RT: 16.288 min Scan# 4256
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

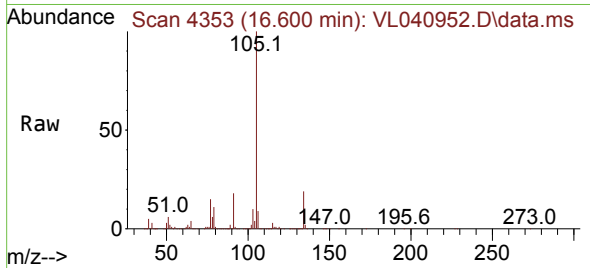
Tgt Ion: 91 Resp: 318610
Ion Ratio Lower Upper
91 100
126 0.0 14.1 21.1#
128 0.0 4.6 6.8#





#67
 sec-Butylbenzene
 Concen: 9.210 ppbv
 RT: 16.600 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26

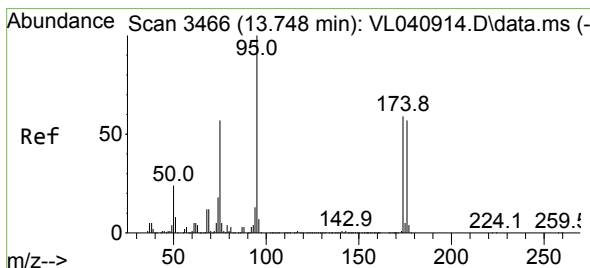
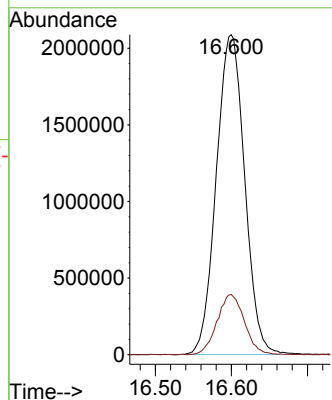
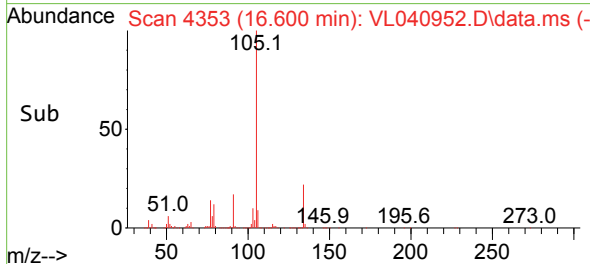
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



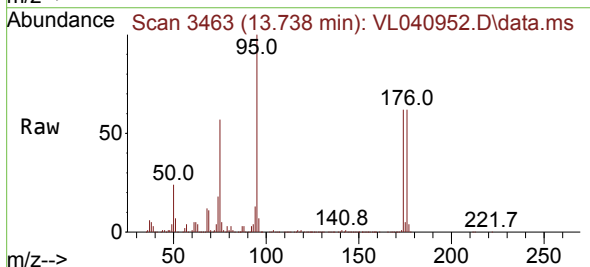
Tgt Ion:105 Resp: 5407463
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.4 21.6

Manual Integrations
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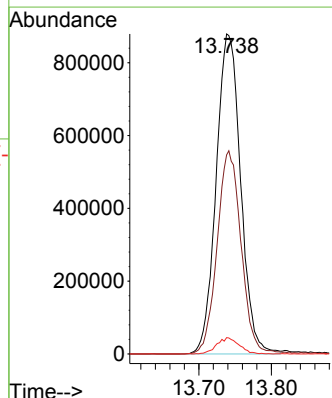
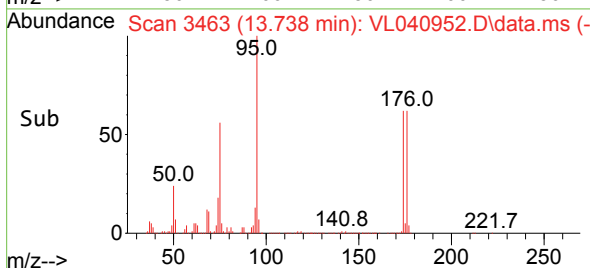
Reviewed By :Semsettin Yesilyurt 12/26/2023
 Supervised By :Mahesh Dadoda 12/26/2023

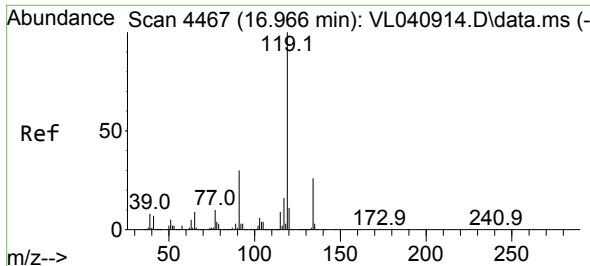


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.001 ppbv
 RT: 13.738 min Scan# 3463
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26



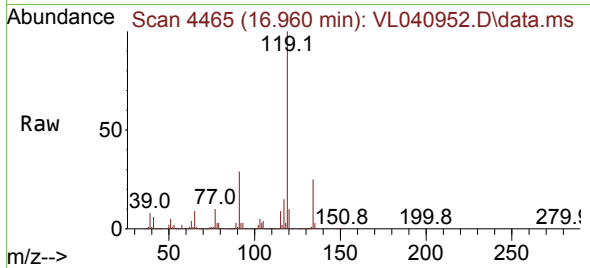
Tgt Ion: 95 Resp: 2064253
 Ion Ratio Lower Upper
 95 100
 174 62.4 48.0 72.0
 175 4.7 3.7 5.5





#69
p-Isopropyltoluene
Concen: 9.703 ppbv
RT: 16.960 min Scan# 4467
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

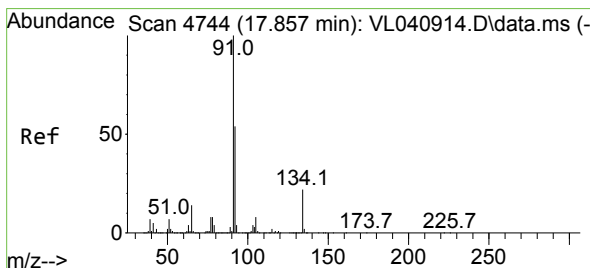
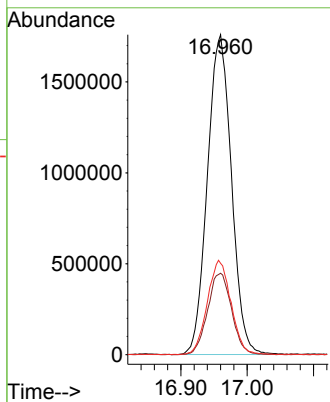
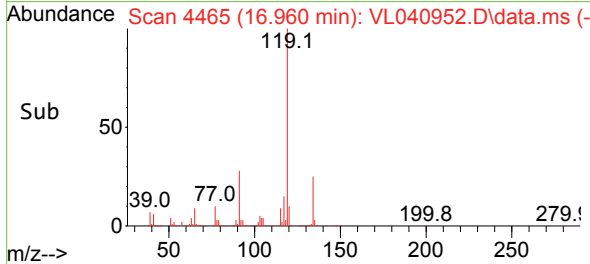
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



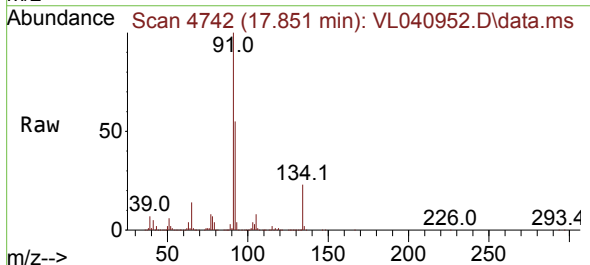
Tgt Ion:119 Resp: 442818
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 29.0 24.1 36.1

Manual Integrations
APPROVED

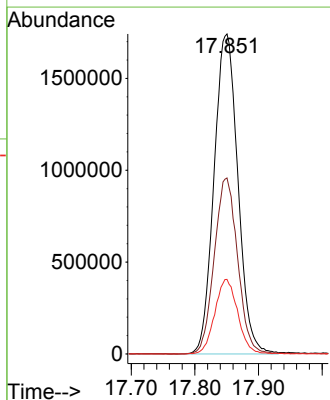
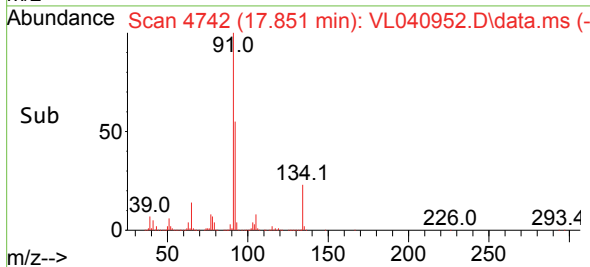
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023

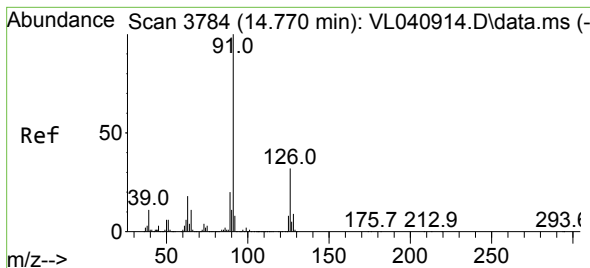


#70
n-Butylbenzene
Concen: 9.568 ppbv
RT: 17.851 min Scan# 4742
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26



Tgt Ion: 91 Resp: 4533101
Ion Ratio Lower Upper
91 100
92 54.3 43.4 65.0
134 22.5 17.6 26.4





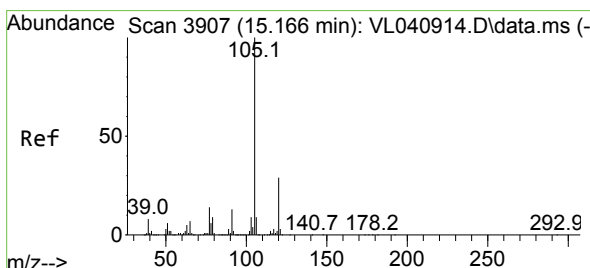
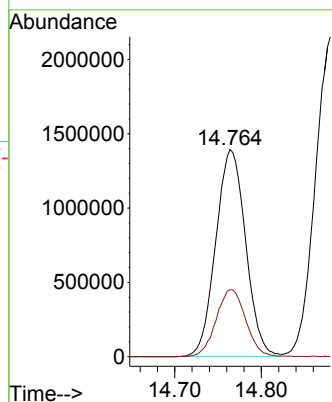
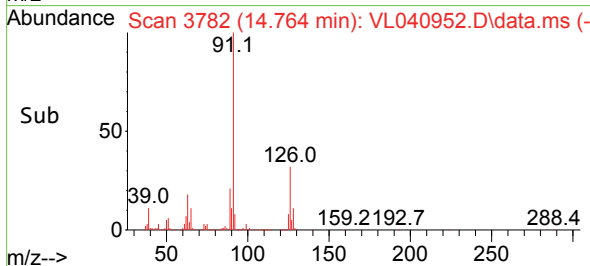
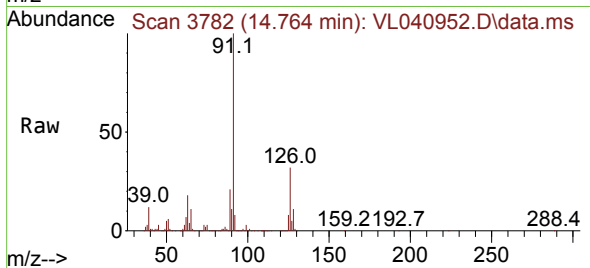
#71
2-Chlorotoluene
Concen: 9.114 ppbv
RT: 14.764 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 333615
Ion Ratio Lower Upper
91 100
126 32.2 12.4 49.6

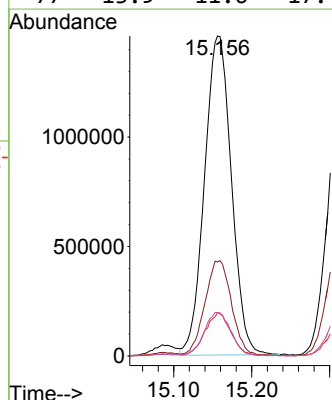
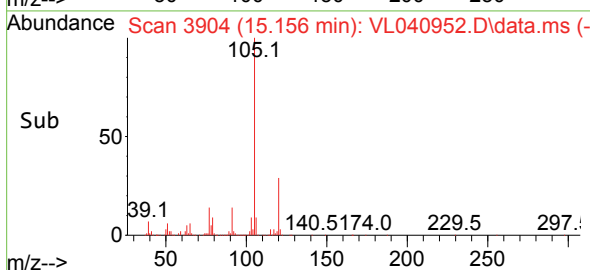
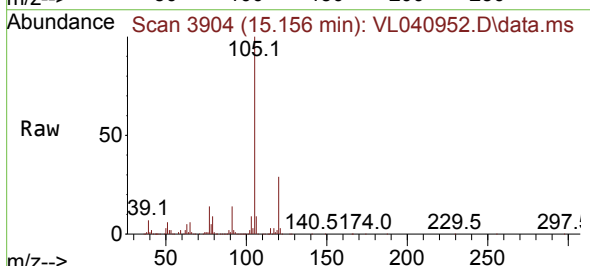
Manual Integrations
APPROVED

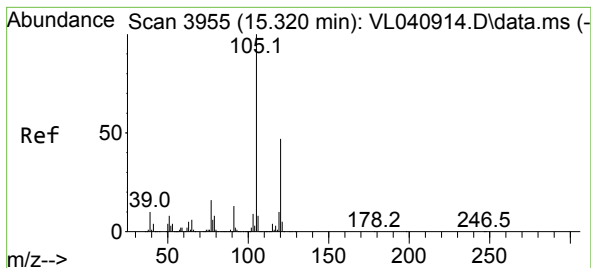
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023



#72
4-Ethyltoluene
Concen: 9.953 ppbv
RT: 15.156 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

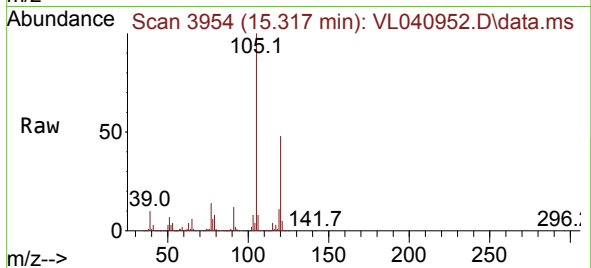
Tgt Ion:105 Resp: 3501049
Ion Ratio Lower Upper
105 100
120 29.9 23.8 35.8
91 13.1 10.9 16.3
77 13.9 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 9.754 ppbv
RT: 15.317 min Scan# 3954
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

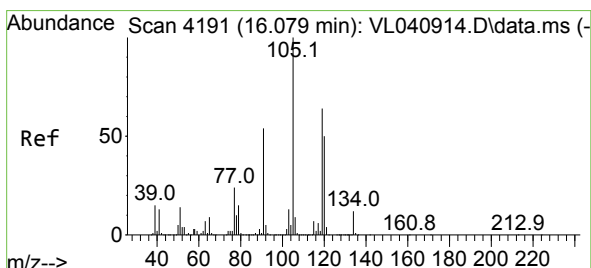
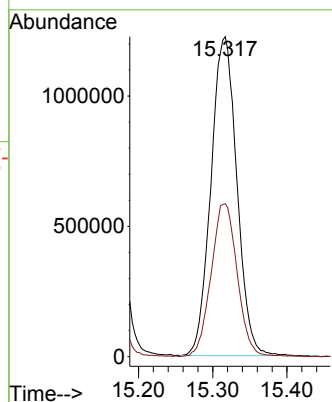
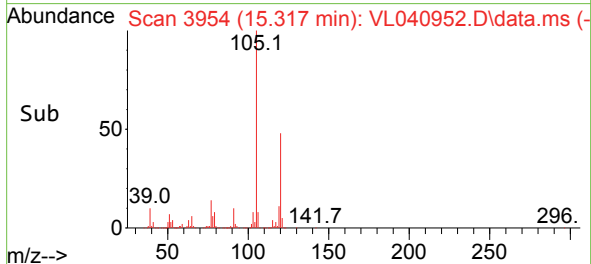
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



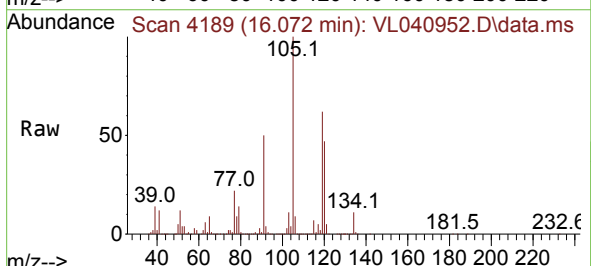
Tgt Ion:105 Resp: 296162
Ion Ratio Lower Upper
105 100
120 48.0 37.8 56.8

Manual Integrations
APPROVED

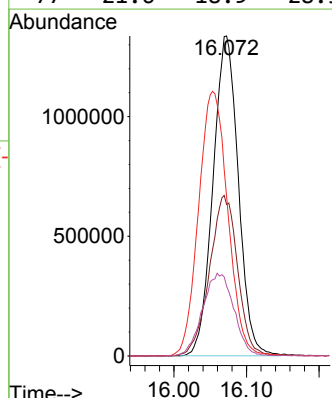
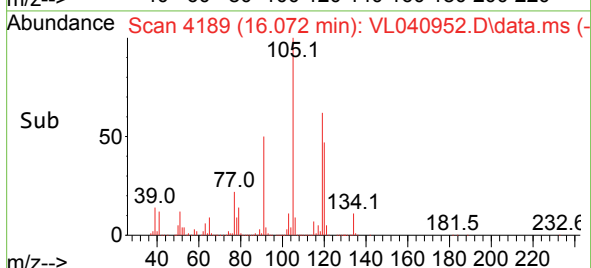
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023

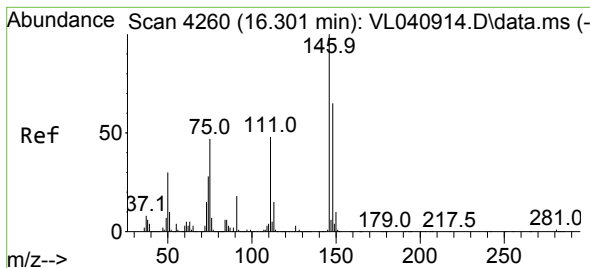


#74
1,2,4-Trimethylbenzene
Concen: 9.597 ppbv
RT: 16.072 min Scan# 4189
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26



Tgt Ion:105 Resp: 3242783
Ion Ratio Lower Upper
105 100
120 47.0 40.2 60.4
91 49.6 43.0 64.6
77 21.6 18.9 28.3





#75

1,3-Dichlorobenzene

Concen: 9.805 ppbv

RT: 16.294 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040952.D

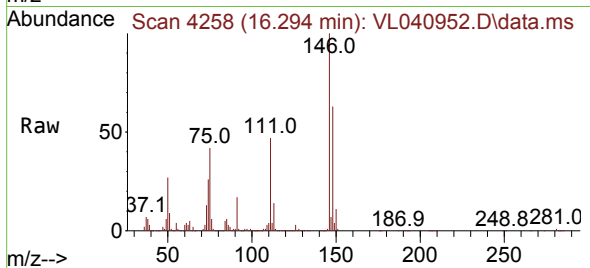
Acq: 22 Dec 2023 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 189243

Ion Ratio Lower Upper

146 100

111 48.0 24.7 74.1

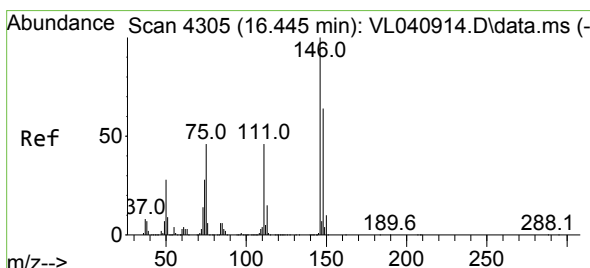
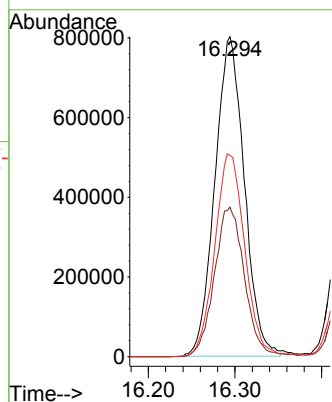
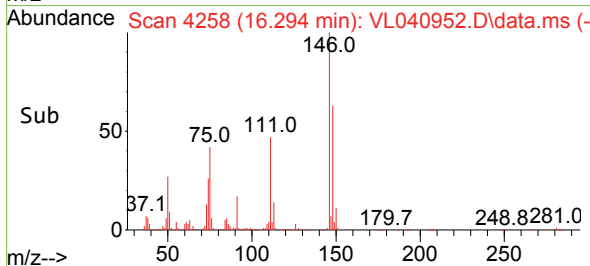
148 65.1 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/26/2023

Supervised By :Mahesh Dadoda 12/26/2023



#76

1,4-Dichlorobenzene

Concen: 9.865 ppbv

RT: 16.436 min Scan# 4302

Delta R.T. 0.000 min

Lab File: VL040952.D

Acq: 22 Dec 2023 9:26

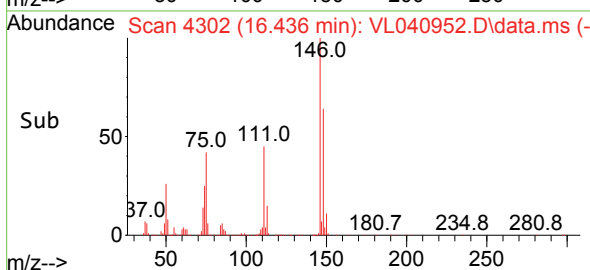
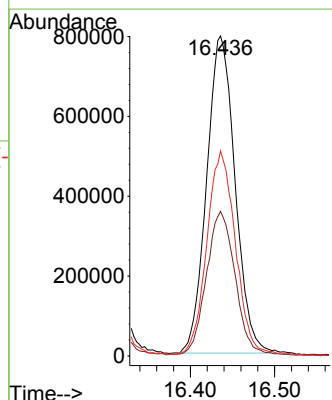
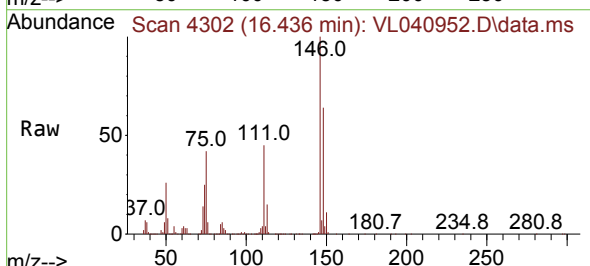
Tgt Ion:146 Resp: 1862702

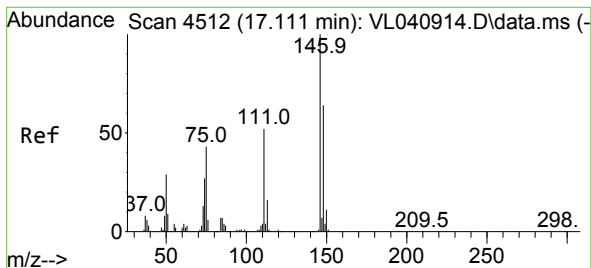
Ion Ratio Lower Upper

146 100

111 46.6 24.1 72.4

148 66.1 33.2 99.6





#77

1,2-Dichlorobenzene

Concen: 9.886 ppbv

RT: 17.108 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040952.D

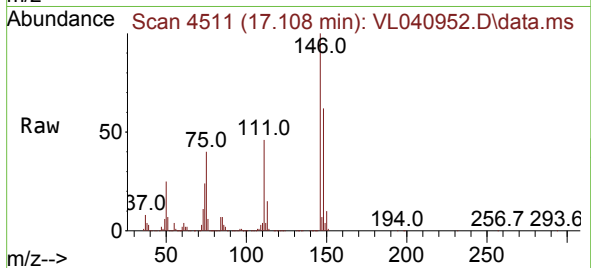
Acq: 22 Dec 2023 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 1838260

Ion Ratio Lower Upper

146 100

111 48.4 25.5 76.5

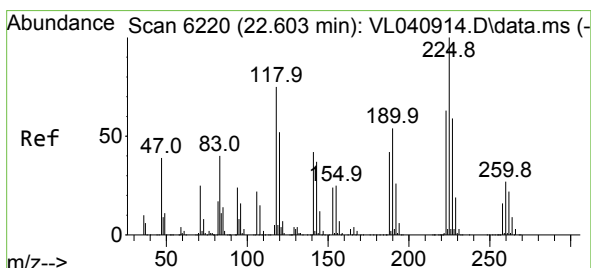
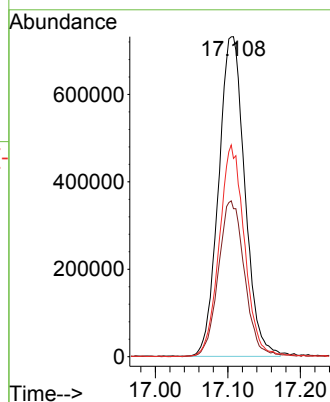
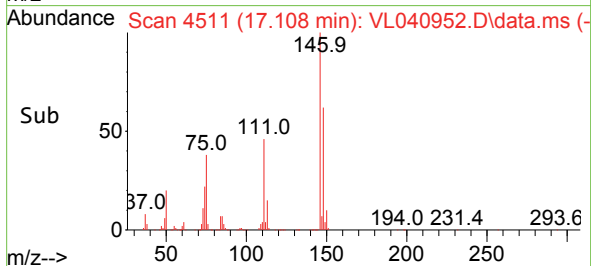
148 63.9 32.2 96.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/26/2023

Supervised By :Mahesh Dadoda 12/26/2023



#78

Hexachloro-1,3-Butadiene

Concen: 8.580 ppbv

RT: 22.590 min Scan# 6216

Delta R.T. 0.000 min

Lab File: VL040952.D

Acq: 22 Dec 2023 9:26

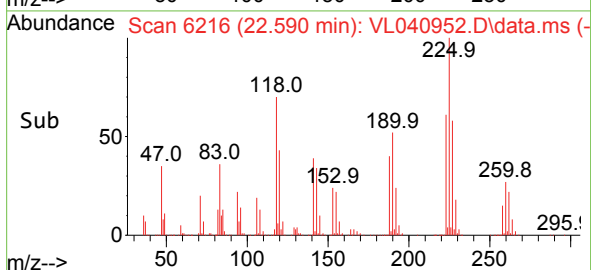
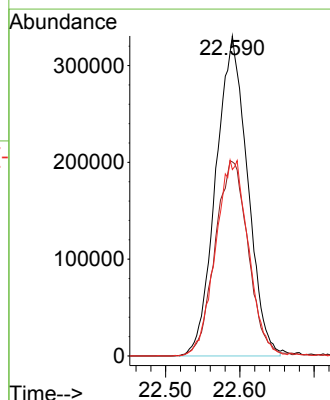
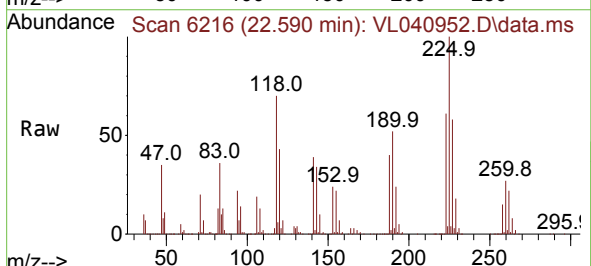
Tgt Ion:225 Resp: 981296

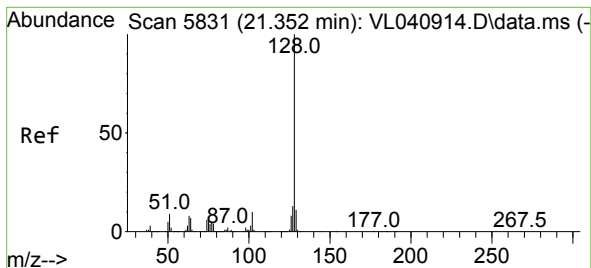
Ion Ratio Lower Upper

225 100

223 64.1 51.5 77.3

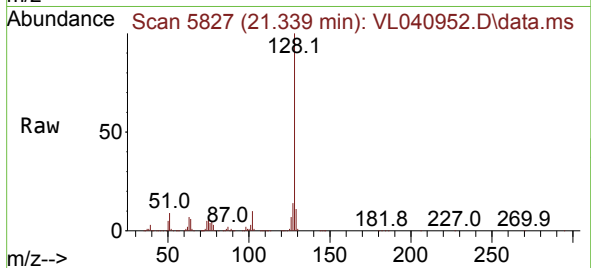
227 64.3 51.7 77.5





#79
Naphthalene
Concen: 13.088 ppbv m
RT: 21.339 min Scan# 5827
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26

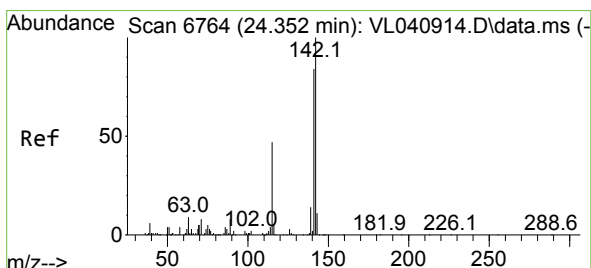
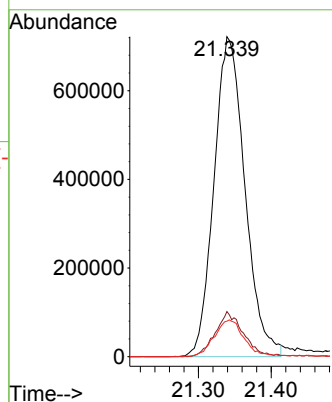
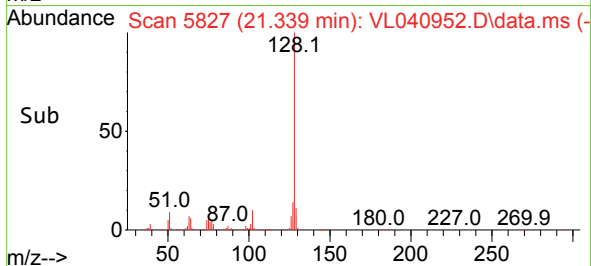
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



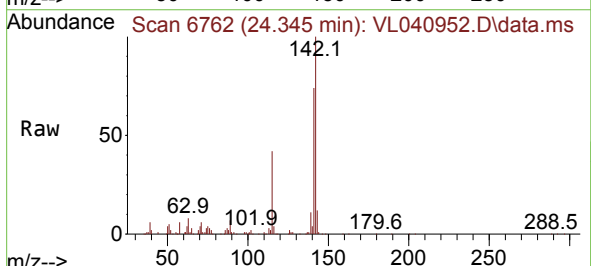
Tgt Ion:128 Resp: 2130809
Ion Ratio Lower Upper
128 100
127 14.1 10.6 15.8
129 11.1 8.7 13.1

Manual Integrations
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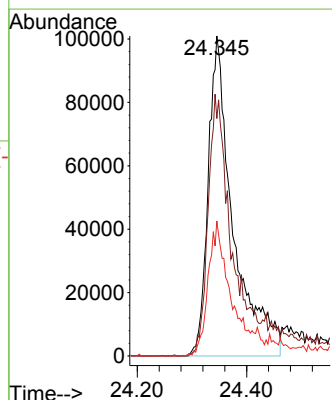
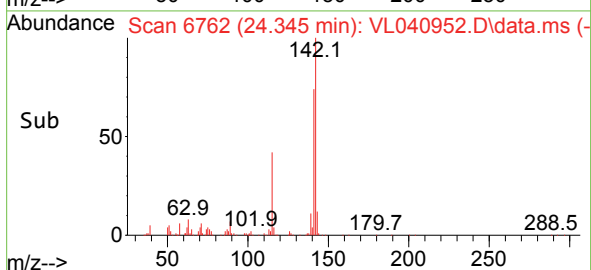
Reviewed By :Semsettin Yesilyurt 12/26/2023
Supervised By :Mahesh Dadoda 12/26/2023

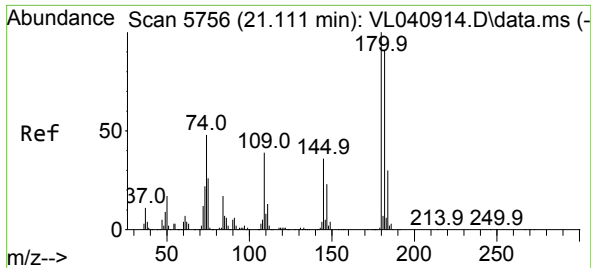


#80
Naphthalene,2-methyl-
Concen: 10.760 ppbv
RT: 24.345 min Scan# 6762
Delta R.T. 0.000 min
Lab File: VL040952.D
Acq: 22 Dec 2023 9:26



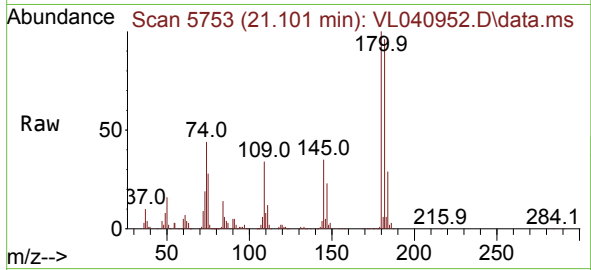
Tgt Ion:142 Resp: 320199
Ion Ratio Lower Upper
142 100
141 93.2 68.5 102.7
115 39.5 34.5 51.7





#81
 1,2,4-Trichlorobenzene
 Concen: 11.255 ppbv
 RT: 21.101 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL040952.D
 Acq: 22 Dec 2023 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 105200

Ion	Ratio	Lower	Upper
180	100		
182	99.0	79.4	119.0
184	31.2	24.5	36.7

Manual Integrations
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