

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040964.D
 Acq On : 15 Jan 2024 10:44
 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 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 03:32:20 2024

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

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

QLast Update : Tue Jan 16 03:31:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	996871	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	2863339	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2783981m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.754 95 1978555 9.648 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.722	85	1765451	9.298	ppbv	96
3) Chlorodifluoromethane	2.668	51	1717894	11.452	ppbv	100
4) Chloromethane	2.806	50	656869	11.875	ppbv	97
5) Vinyl Chloride	2.912	62	675579	12.653	ppbv	98
6) Bromomethane	3.112	94	284987	12.031	ppbv	94
7) Chloroethane	3.189	64	233830	12.284	ppbv	97
8) Dichlorotetrafluoroethane	2.848	85	1631755	11.927	ppbv	100
9) Propene	2.687	41	587958	11.879	ppbv	100
10) Heptane	7.558	43	1463524	11.895	ppbv	100
11) Trichlorofluoromethane	3.552	101	1826479	12.304	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.054	101	1318780	11.440	ppbv	98
13) Ethanol	3.231	45	133019	10.653	ppbv	97
14) Bromoethene	3.356	108	534867	12.659	ppbv	98
15) Acetone	3.456	43	1239626	10.368	ppbv	99
16) 1,3-Butadiene	2.976	39	625653	12.154	ppbv	98
17) tert-Butyl alcohol	3.867	59	1274246	14.408	ppbv	100
18) 1,1-Dichloroethene	3.867	96	576478	12.112	ppbv	98
19) Isopropyl Alcohol	3.565	45	832895	13.351	ppbv	100
20) Methylene Chloride	3.919	84	480956	11.286	ppbv	99
21) Allyl Chloride	3.983	41	861706	12.193	ppbv	98
22) trans-1,2-Dichloroethene	4.433	96	611427	11.265	ppbv	96
23) Vinyl Acetate	4.610	43	1498506	11.361	ppbv	100
24) 1,1-Dichloroethane	4.549	63	1214421	10.293	ppbv	99
25) Ethyl Acetate	5.189	43	2166405	10.457	ppbv	100
26) Hexane	5.195	57	940504	10.244	ppbv	98
27) Carbon Disulfide	4.111	76	1467955	11.814	ppbv	96
28) Methyl tert-Butyl Ether	4.571	73	894823	10.503	ppbv	98
29) Chloroform	5.259	83	1433126	9.250	ppbv	99
30) Cyclohexane	6.584	84	905759	11.833	ppbv	99
31) cis-1,2-Dichloroethene	5.063	61	938544	9.951	ppbv	97
32) 1,1,1-Trichloroethane	5.986	97	1804900	12.049	ppbv	99
34) 2-Butanone	4.771	43	1352906	8.932	ppbv	98
35) Carbon Tetrachloride	6.475	117	1904423	10.620	ppbv	99
36) Benzene	6.353	78	2310699	10.323	ppbv	98
37) 1,2-Dichloroethane	5.790	62	1382833	10.310	ppbv	100
38) Trichloroethene	7.269	130	894356	10.638	ppbv	97
39) 1,2-Dichloropropane	7.053	63	907003	10.311	ppbv	98
40) 1,4-Dioxane	7.266	88	370067	9.964	ppbv #	1
41) Tetrahydrofuran	5.539	42	951352	10.323	ppbv	98
42) Bromodichloromethane	7.230	83	2016045	10.422	ppbv	99
43) Methyl Methacrylate	7.452	69	950543	10.826	ppbv	97
44) 2,2,4-Trimethylpentane	7.308	57	3784928	9.955	ppbv	100
45) t-1,3-Dichloropropene	8.687	75	818451	12.565	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040964.D
 Acq On : 15 Jan 2024 10:44
 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 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 03:32:20 2024

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

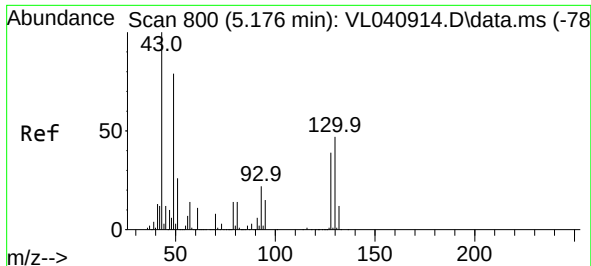
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Jan 16 03:31:29 2024

Response via : Initial Calibration

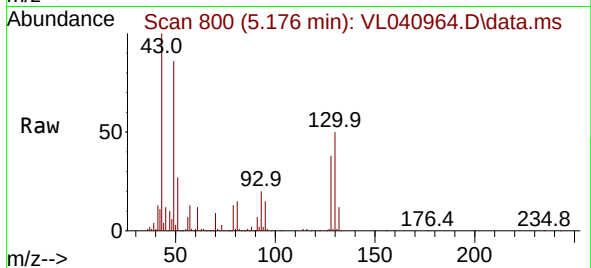
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	958581	11.886	ppbv	98
47) 1,1,2-Trichloroethane	8.877	97	966470	10.358	ppbv	98
48) Dibromochloromethane	9.684	129	1709094	10.731	ppbv	99
49) Bromoform	12.384	173	1376439	11.200	ppbv	99
50) 4-Methyl-2-Pentanone	8.160	43	2407416	10.495	ppbv	99
51) 2-Hexanone	9.529	43	1780038	10.781	ppbv #	100
52) Tetrachloroethene	10.594	164	773176	10.254	ppbv	97
53) Toluene	9.198	91	2612322	10.525	ppbv	99
54) 1,2-Dibromoethane	9.986	107	1413406	11.038	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.484	131	1216380	9.991	ppbv	98
57) Chlorobenzene	11.503	112	2025379	9.879	ppbv	99
58) Ethyl Benzene	12.063	91	3533753	9.882	ppbv	99
59) m/p-Xylene	12.349	91	6008586m	19.755	ppbv	
60) o-Xylene	13.034	91	2838480	9.905	ppbv	99
61) Styrene	12.876	104	1487744	10.921	ppbv	99
62) Isopropylbenzene	14.005	105	4169538	9.811	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.021	83	2095266	10.149	ppbv	100
64) n-propylbenzene	14.892	120	1081546	10.146	ppbv	99
65) tert-Butylbenzene	16.066	119	3668054	10.154	ppbv	99
66) Benzyl Chloride	16.297	91	318543	12.886	ppbv	98
67) sec-Butylbenzene	16.613	105	5153399	9.816	ppbv	100
69) p-Isopropyltoluene	16.970	119	4203885	10.302	ppbv	99
70) n-Butylbenzene	17.863	91	4471540	10.555	ppbv	99
71) 2-Chlorotoluene	14.777	91	3246853	9.920	ppbv	100
72) 4-Ethyltoluene	15.169	105	3314437	10.538	ppbv	99
73) 1,3,5-Trimethylbenzene	15.330	105	2826143	10.410	ppbv	99
74) 1,2,4-Trimethylbenzene	16.085	105	3103340	10.272	ppbv	99
75) 1,3-Dichlorobenzene	16.304	146	1804585	10.457	ppbv	100
76) 1,4-Dichlorobenzene	16.449	146	1770145	10.485	ppbv	99
77) 1,2-Dichlorobenzene	17.121	146	1726714	10.386	ppbv	100
78) Hexachloro-1,3-Butadiene	22.609	225	962641	9.414	ppbv	99
79) Naphthalene	21.358	128	2238385	15.376	ppbv	99
80) Naphthalene,2-methyl-	24.355	142	472802	17.770	ppbv	99
81) 1,2,4-Trichlorobenzene	21.114	180	1125779	13.470	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

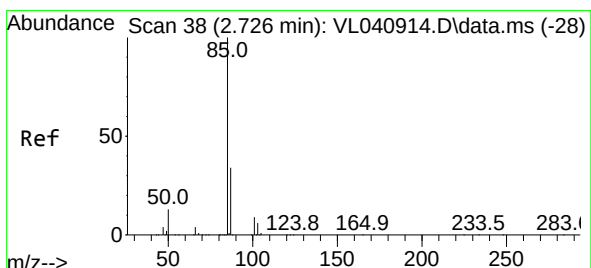
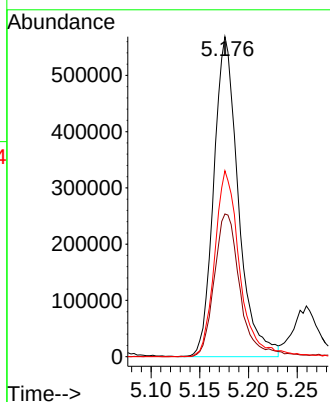
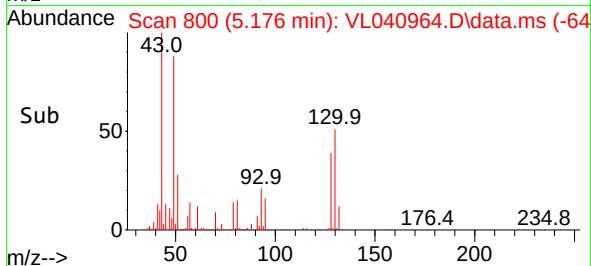
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



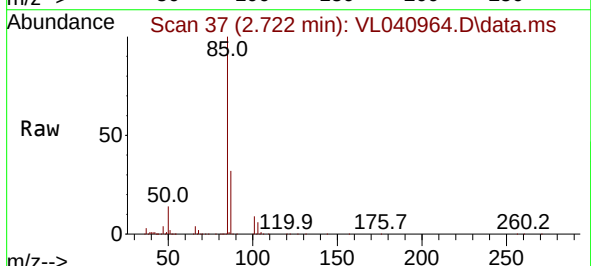
Tgt Ion: 49 Resp: 99687
Ion Ratio Lower Upper
49 100
128 48.0 23.8 71.2
130 59.5 30.1 90.5

Manual Integrations
APPROVED

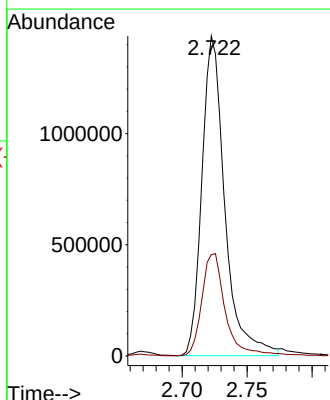
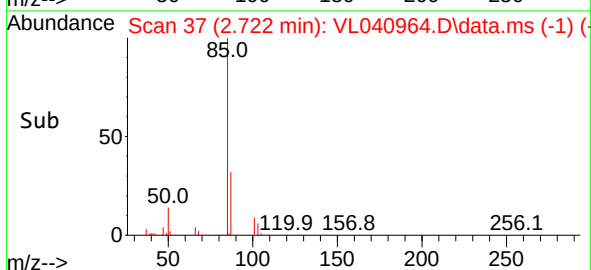
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

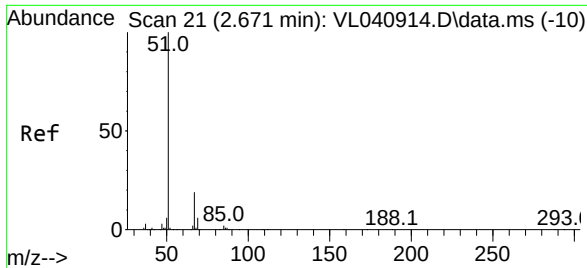


#2
Dichlorodifluoromethane
Concen: 9.298 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44



Tgt Ion: 85 Resp: 1765451
Ion Ratio Lower Upper
85 100
87 31.6 27.0 40.6





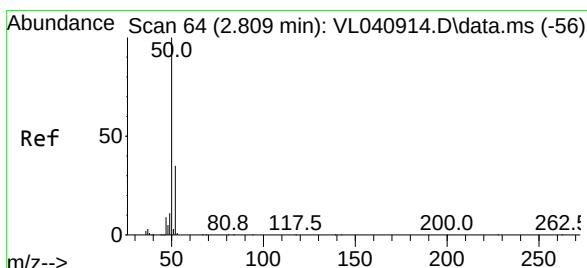
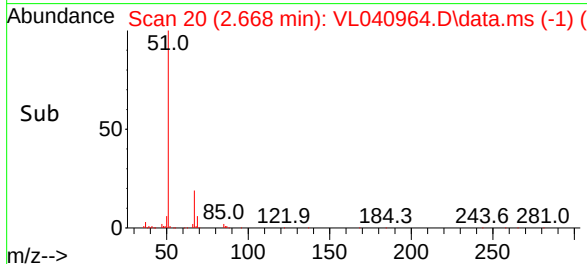
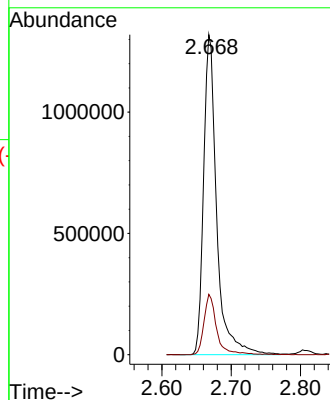
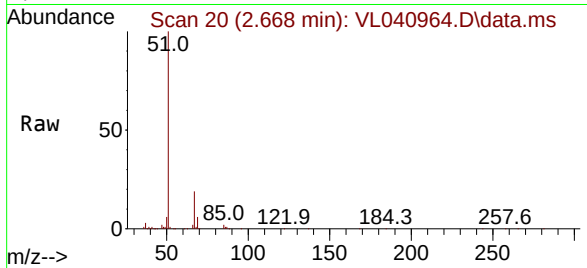
#3
Chlorodifluoromethane
Concen: 11.452 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1717894
Ion Ratio Lower Upper
51 100
67 18.4 14.7 22.1

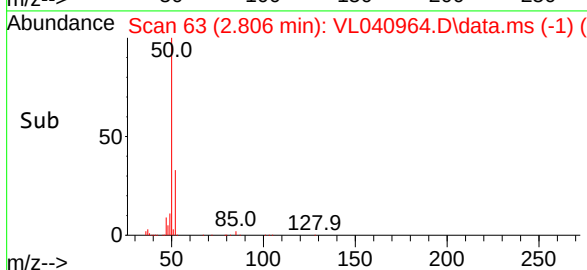
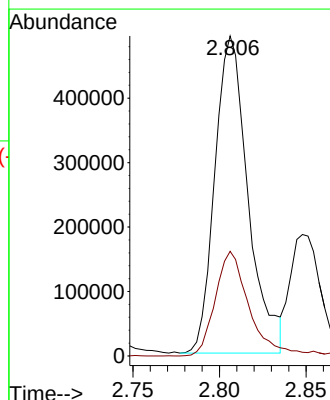
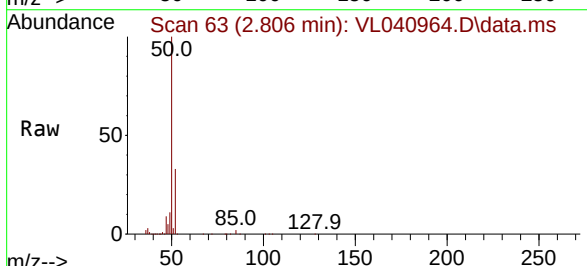
Manual Integrations
APPROVED

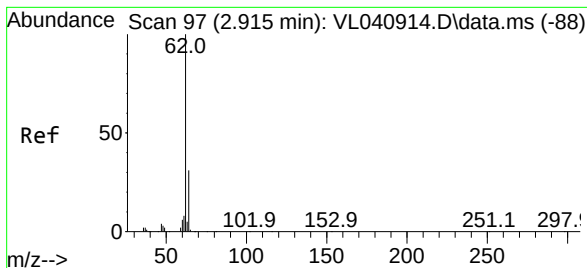
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#4
Chloromethane
Concen: 11.875 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

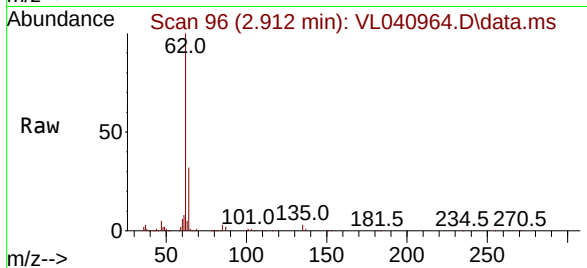
Tgt Ion: 50 Resp: 656869
Ion Ratio Lower Upper
50 100
52 33.0 28.0 42.0





#5
 Vinyl Chloride
 Concen: 12.653 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VL040964.D
 Acq: 15 Jan 2024 10:44

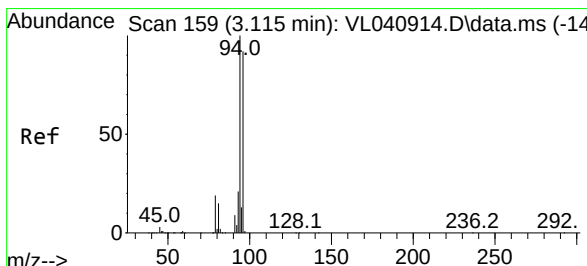
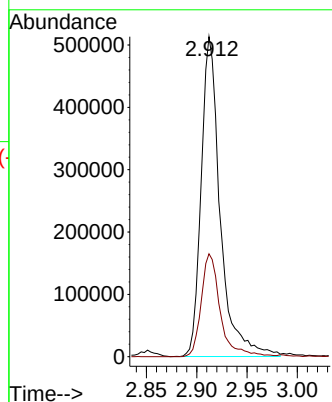
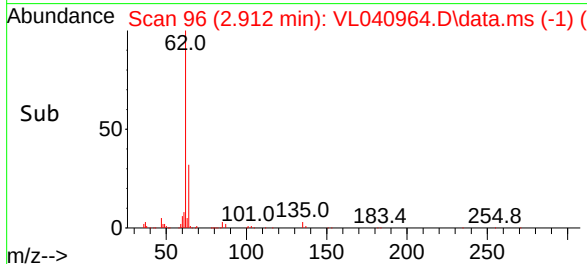
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 675579
 Ion Ratio Lower Upper
 62 100
 64 32.2 24.9 37.3

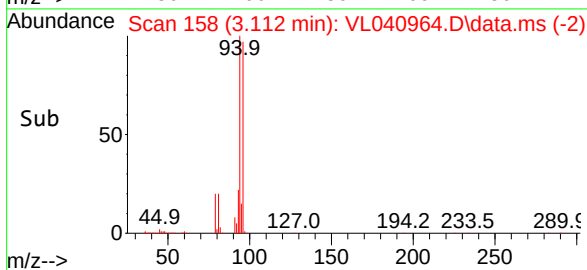
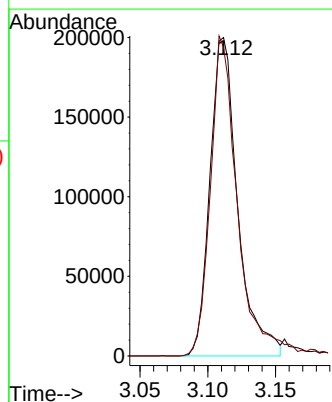
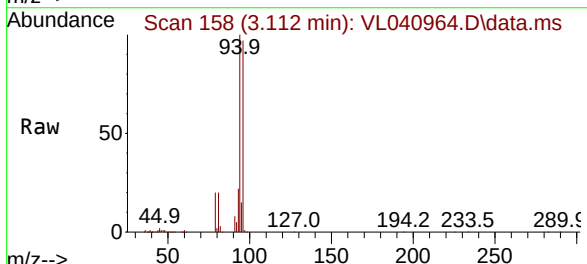
Manual Integrations
 APPROVED

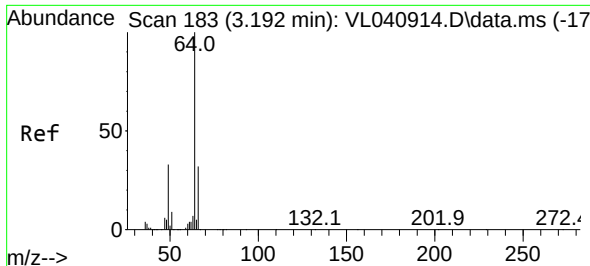
Reviewed By :Semsettin Yesilyurt 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024



#6
 Bromomethane
 Concen: 12.031 ppbv
 RT: 3.112 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VL040964.D
 Acq: 15 Jan 2024 10:44

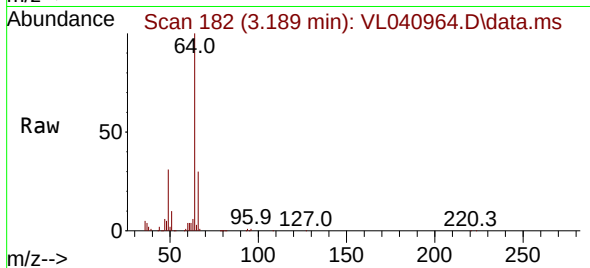
Tgt Ion: 94 Resp: 284987
 Ion Ratio Lower Upper
 94 100
 96 96.8 73.2 109.8





#7
Chloroethane
Concen: 12.284 ppbv
RT: 3.189 min Scan# 183
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

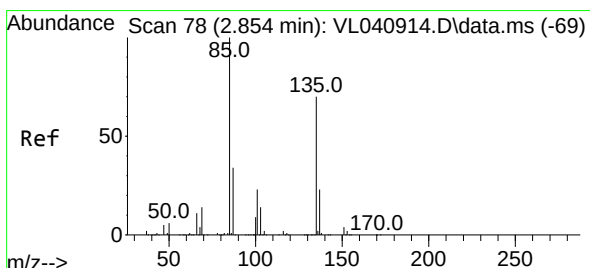
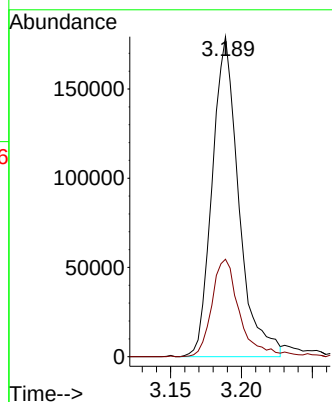
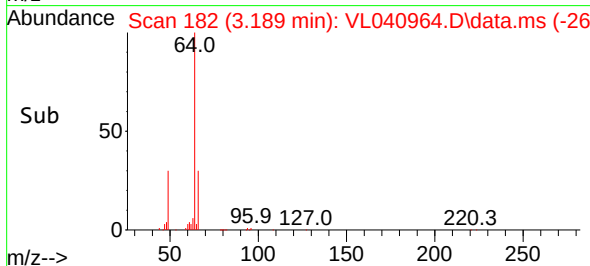
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 233830
Ion Ratio Lower Upper
64 100
66 30.5 25.7 38.5

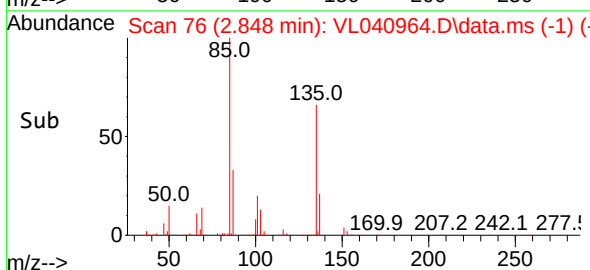
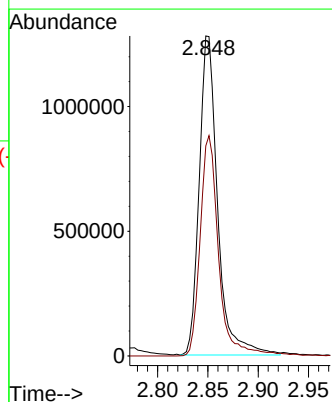
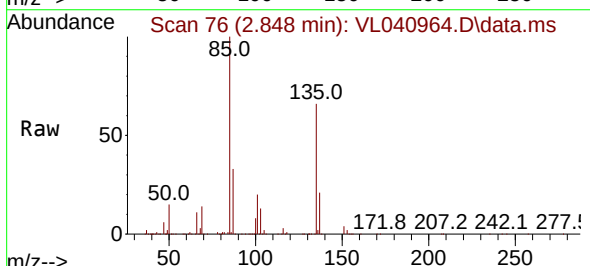
Manual Integrations
APPROVED

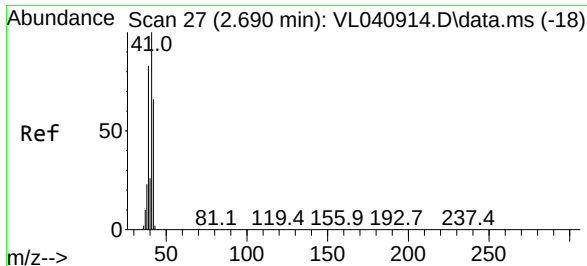
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#8
Dichlorotetrafluoroethane
Concen: 11.927 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

Tgt Ion: 85 Resp: 1631755
Ion Ratio Lower Upper
85 100
135 69.8 55.8 83.8





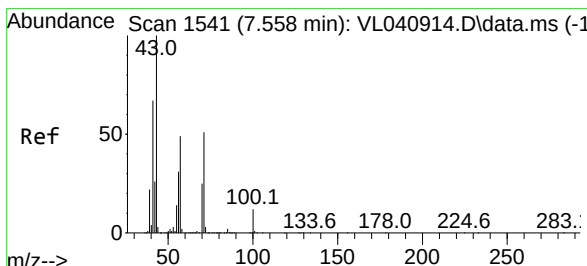
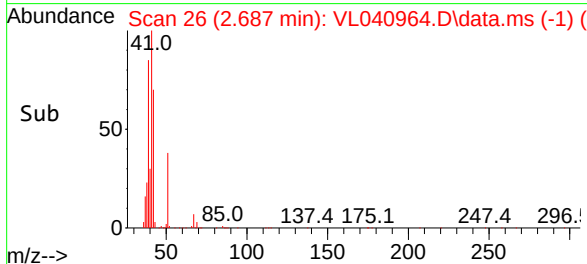
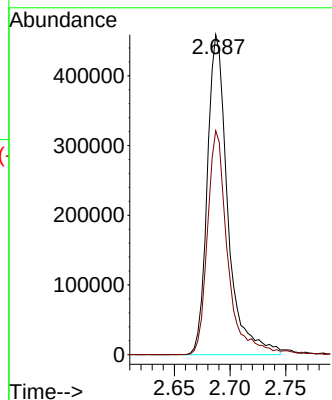
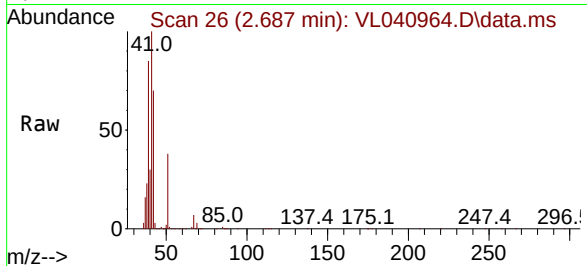
#9
Propene
Concen: 11.879 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 587958
Ion Ratio Lower Upper
41 100
42 70.0 55.8 83.6

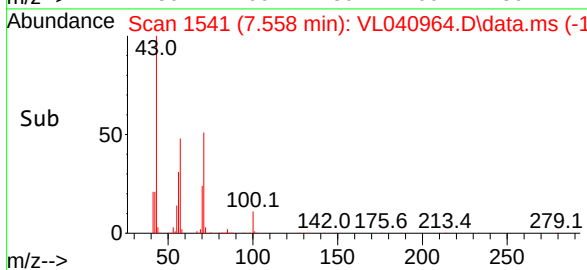
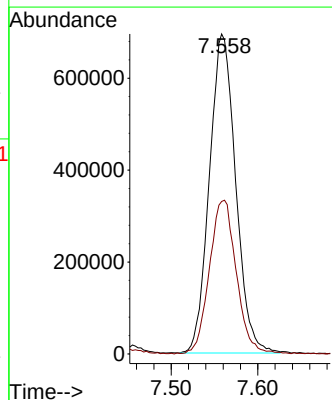
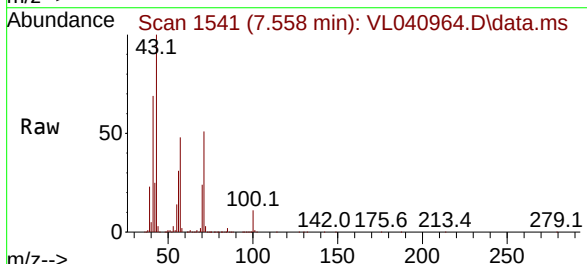
Manual Integrations
APPROVED

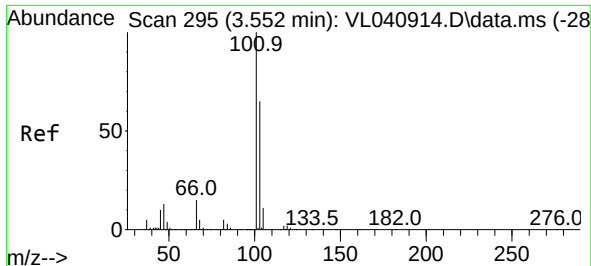
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#10
Heptane
Concen: 11.895 ppbv
RT: 7.558 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

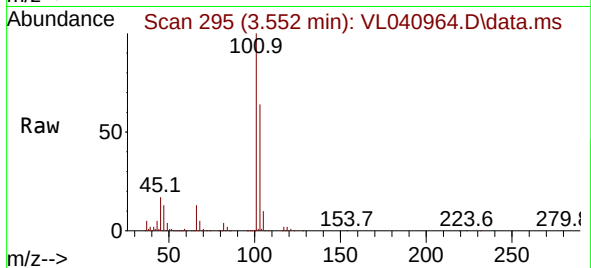
Tgt Ion: 43 Resp: 1463524
Ion Ratio Lower Upper
43 100
57 49.2 39.3 58.9





#11
Trichlorofluoromethane
Concen: 12.304 ppbv
RT: 3.552 min Scan# 295
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

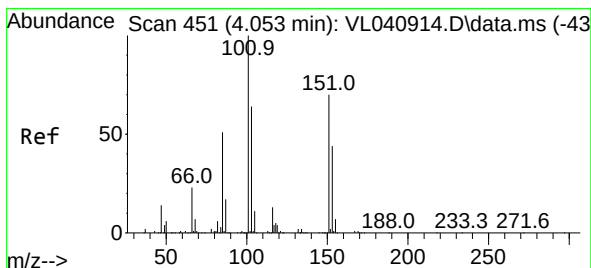
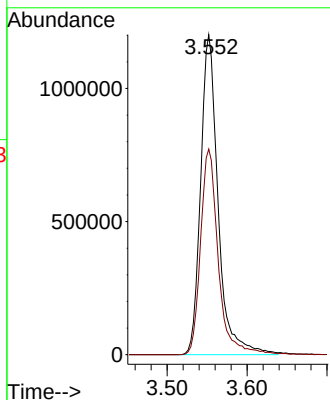
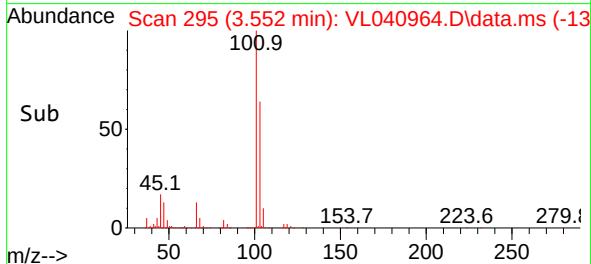
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



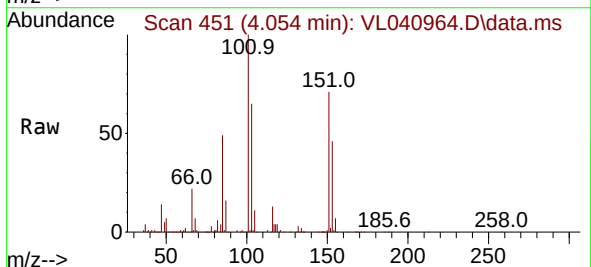
Tgt Ion:101 Resp: 1826479
Ion Ratio Lower Upper
101 100
103 64.3 51.9 77.9

Manual Integrations
APPROVED

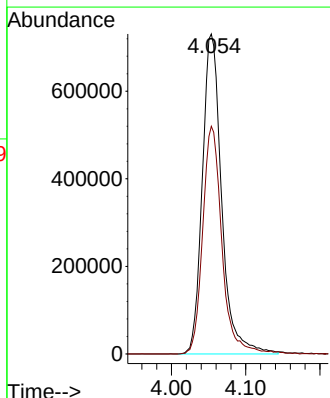
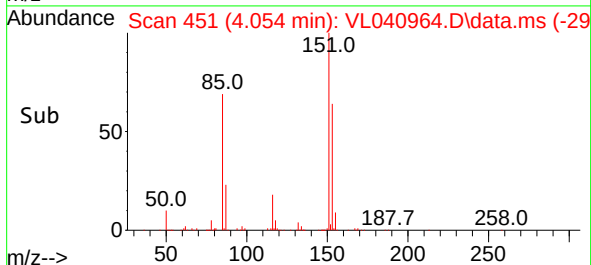
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

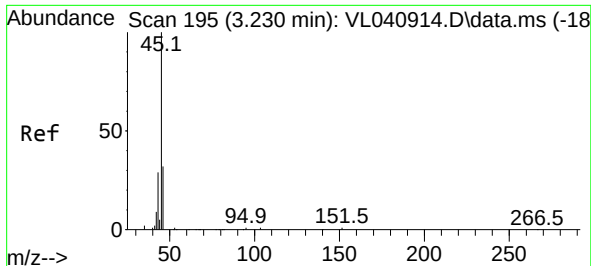


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.440 ppbv
RT: 4.054 min Scan# 451
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44



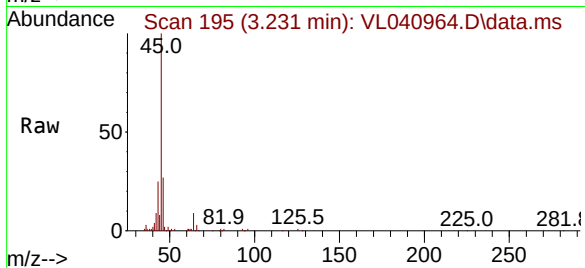
Tgt Ion:101 Resp: 1318780
Ion Ratio Lower Upper
101 100
151 71.0 55.8 83.8





#13
Ethanol
Concen: 10.653 ppbv
RT: 3.231 min Scan# 195
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

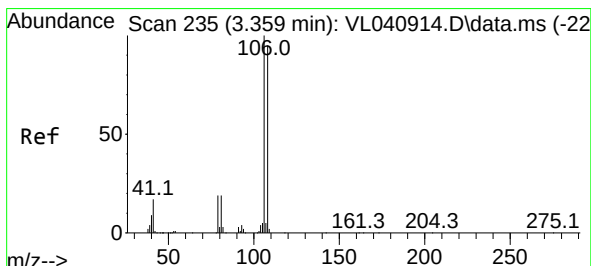
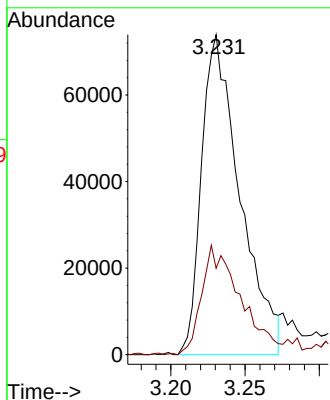
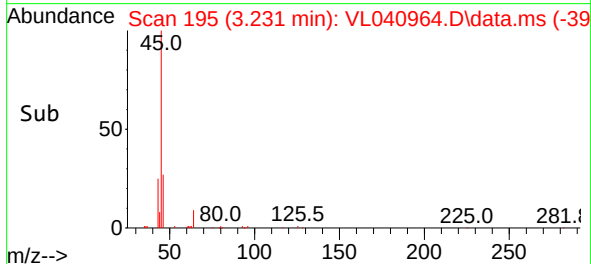
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



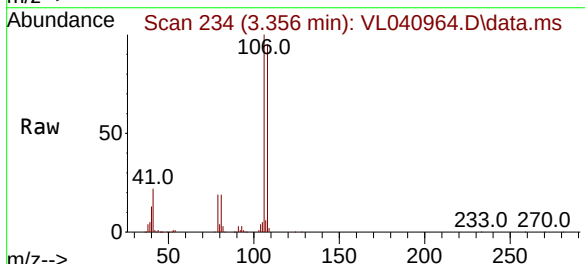
Tgt Ion: 45 Resp: 133019
Ion Ratio Lower Upper
45 100
46 39.5 15.0 60.0

Manual Integrations
APPROVED

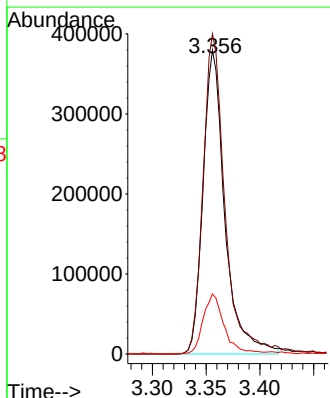
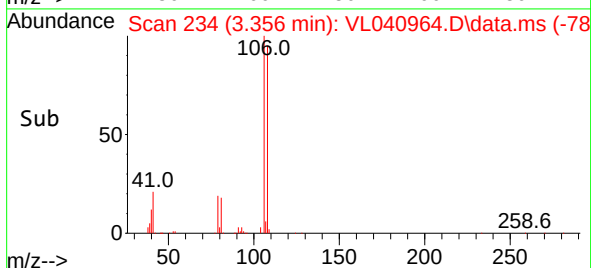
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

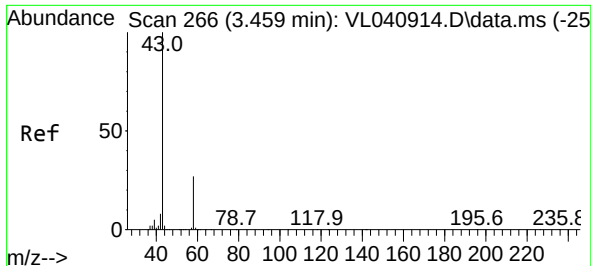


#14
Bromoethene
Concen: 12.659 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44



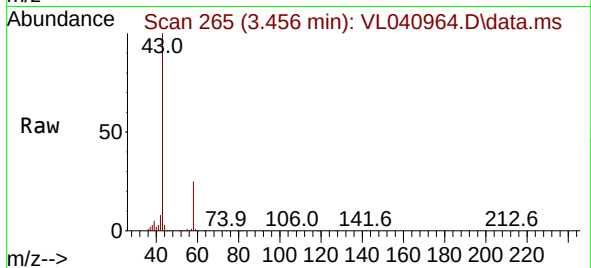
Tgt Ion:108 Resp: 534867
Ion Ratio Lower Upper
108 100
106 107.6 87.5 131.3
79 20.3 16.6 24.8





#15
Acetone
Concen: 10.368 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

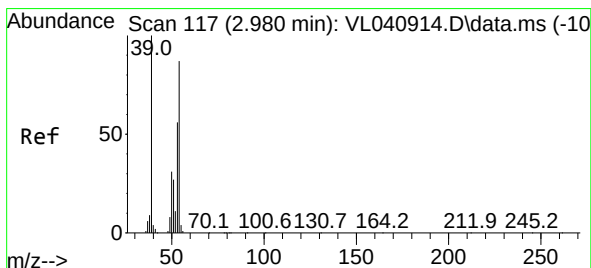
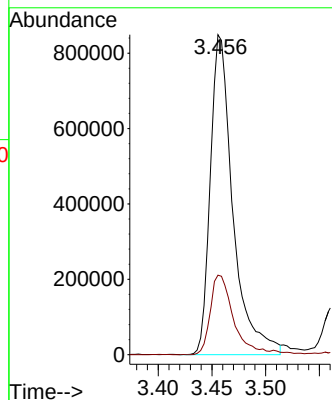
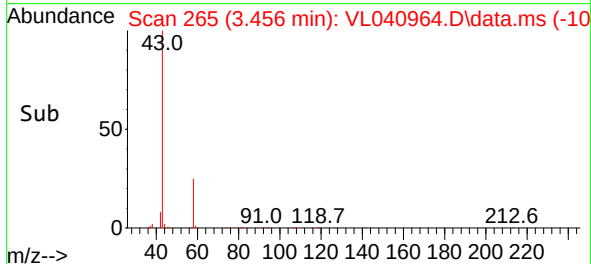
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1239620
Ion Ratio Lower Upper
43 100
58 26.3 20.6 30.8

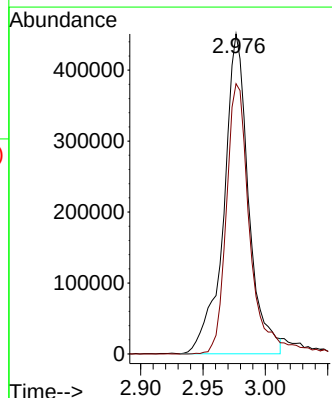
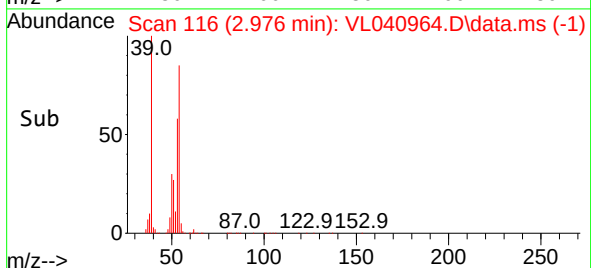
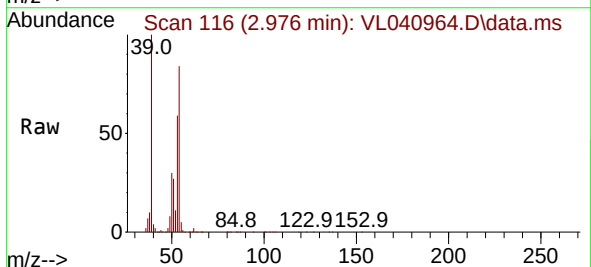
Manual Integrations
APPROVED

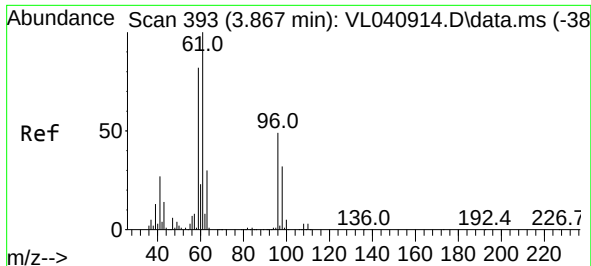
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#16
1,3-Butadiene
Concen: 12.154 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

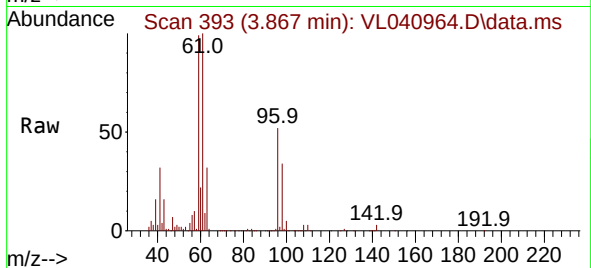
Tgt Ion: 39 Resp: 625653
Ion Ratio Lower Upper
39 100
54 81.4 63.8 95.6





#17
tert-Butyl alcohol
Concen: 14.408 ppbv
RT: 3.867 min Scan# 393
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

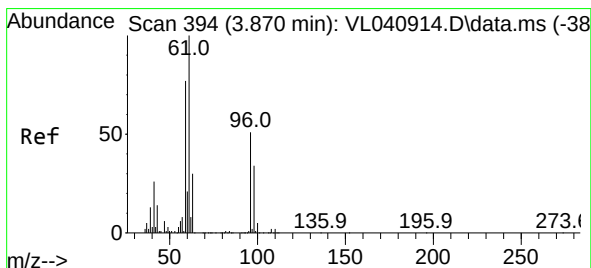
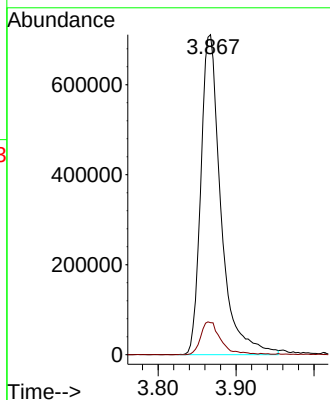
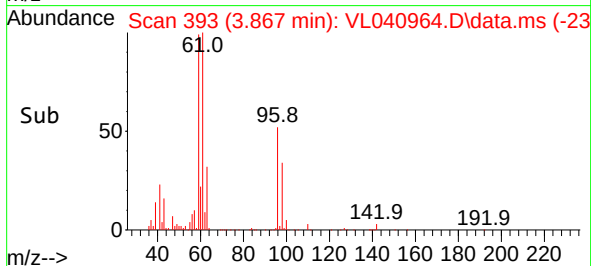
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



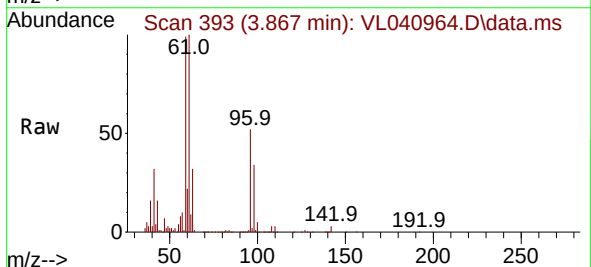
Tgt Ion: 59 Resp: 1274240
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

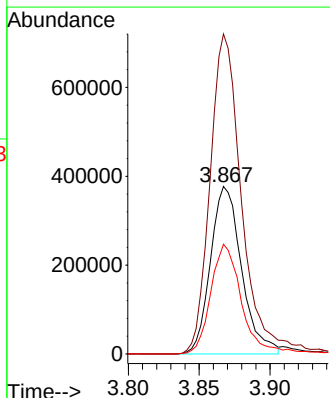
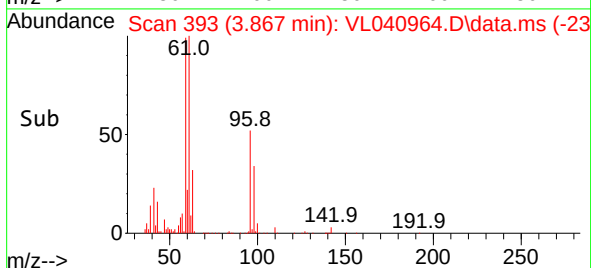
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

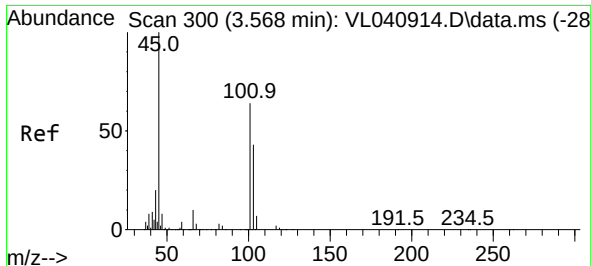


#18
1,1-Dichloroethene
Concen: 12.112 ppbv
RT: 3.867 min Scan# 393
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44



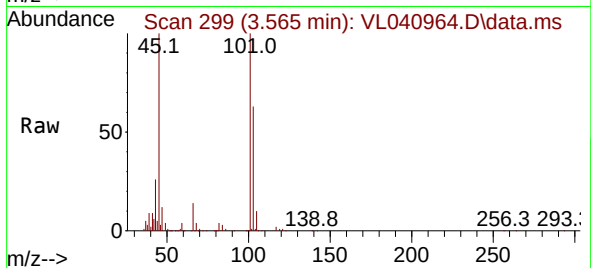
Tgt Ion: 96 Resp: 576478
Ion Ratio Lower Upper
96 100
61 191.0 156.6 235.0
98 65.5 52.5 78.7





#19
Isopropyl Alcohol
Concen: 13.351 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

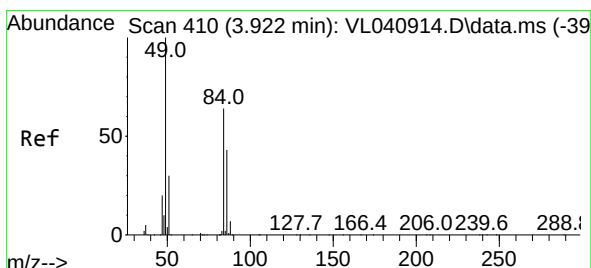
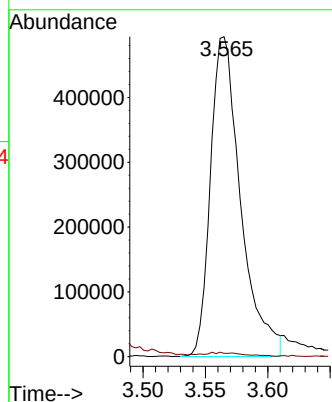
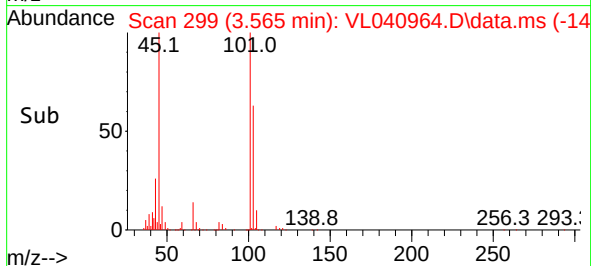
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



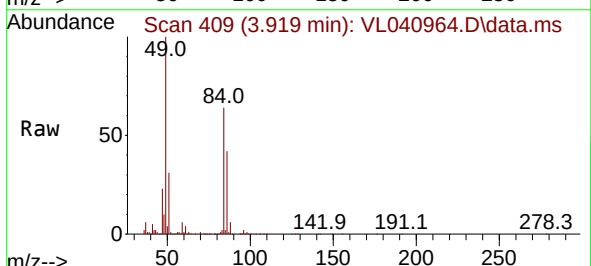
Tgt Ion: 45 Resp: 83289
Ion Ratio Lower Upper
45 100
58 1.8 1.5 2.3

Manual Integrations
APPROVED

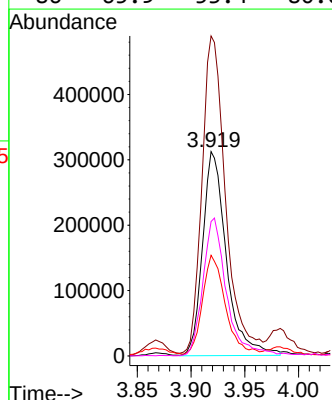
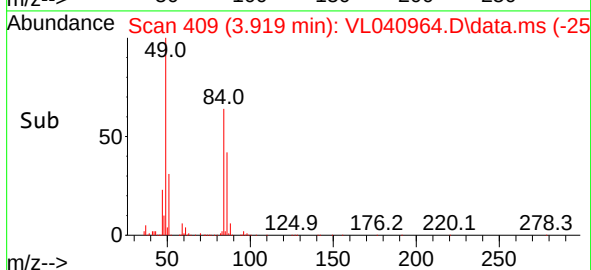
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

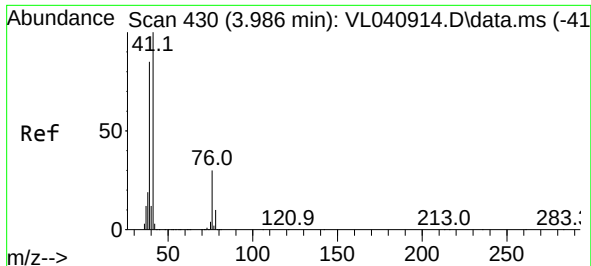


#20
Methylene Chloride
Concen: 11.286 ppbv
RT: 3.919 min Scan# 409
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44



Tgt Ion: 84 Resp: 480956
Ion Ratio Lower Upper
84 100
49 155.9 124.6 187.0
51 48.3 37.2 55.8
86 65.9 53.4 80.0





#21

Allyl Chloride

Concen: 12.193 ppbv

RT: 3.983 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 861700

Ion Ratio Lower Upper

41 100

76 31.3 23.9 35.9

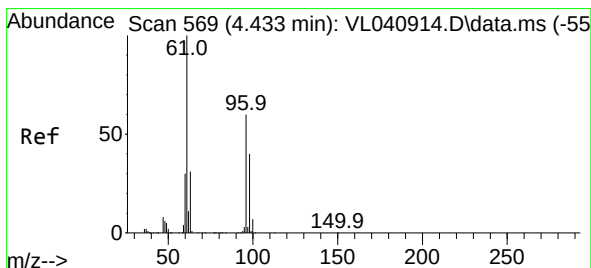
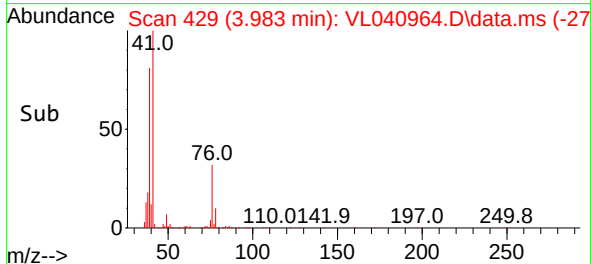
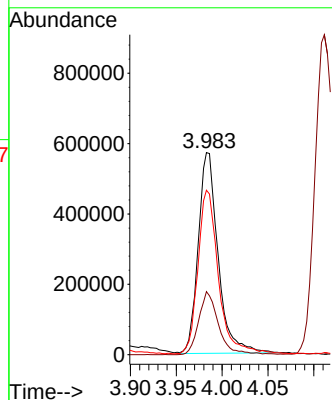
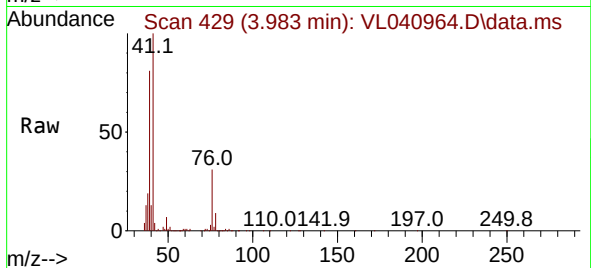
39 84.6 66.5 99.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#22

trans-1,2-Dichloroethene

Concen: 11.265 ppbv

RT: 4.433 min Scan# 569

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

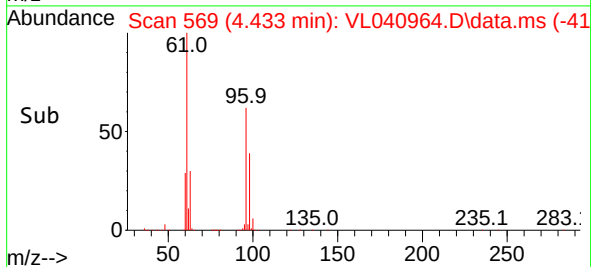
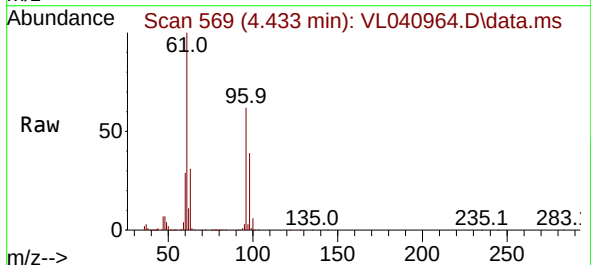
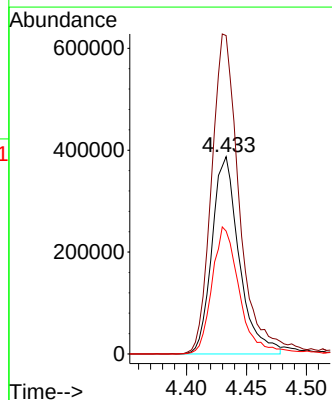
Tgt Ion: 96 Resp: 611427

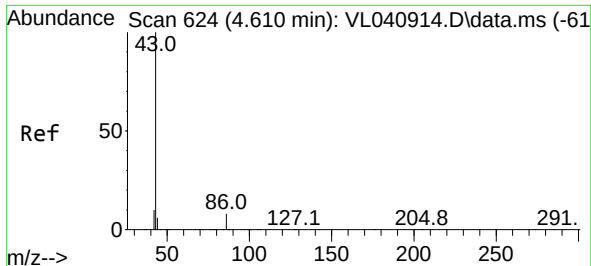
Ion Ratio Lower Upper

96 100

61 161.3 133.0 199.6

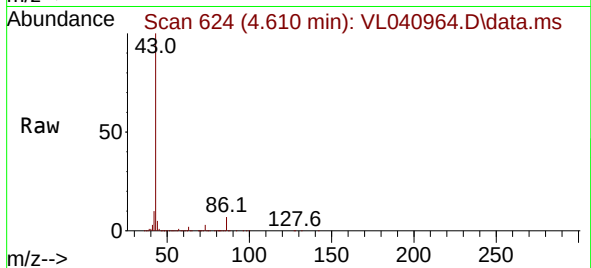
98 62.2 53.7 80.5





#23
 Vinyl Acetate
 Concen: 11.361 ppbv
 RT: 4.610 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL040964.D
 Acq: 15 Jan 2024 10:44

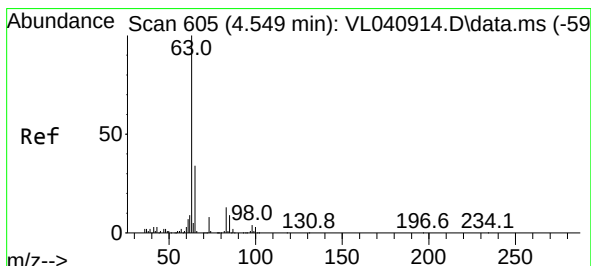
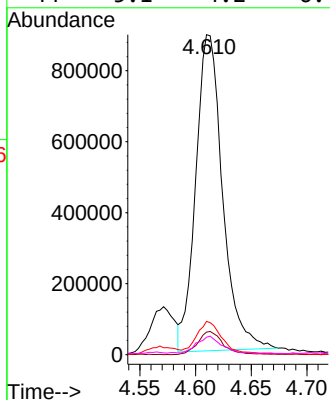
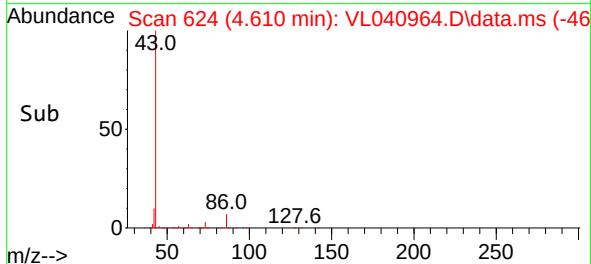
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



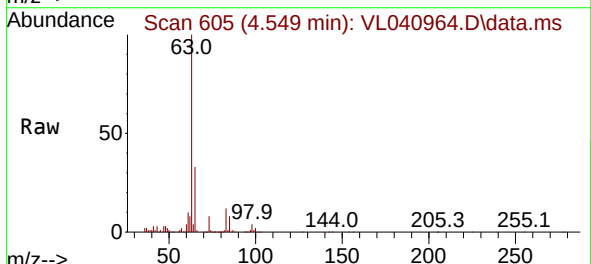
Tgt Ion: 43 Resp: 1498500
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.5 8.3
 42 10.4 8.4 12.6
 44 5.1 4.2 6.4

Manual Integrations
 APPROVED

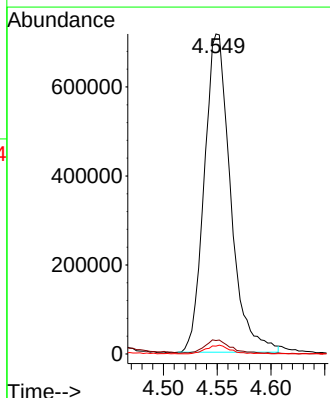
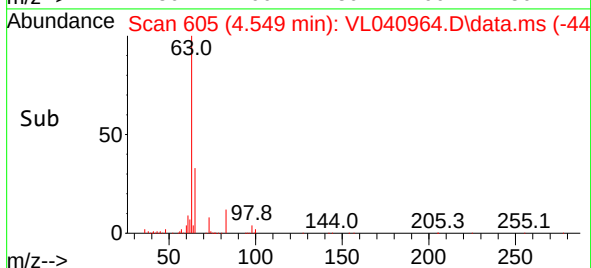
Reviewed By :Semsettin Yesilyurt 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024

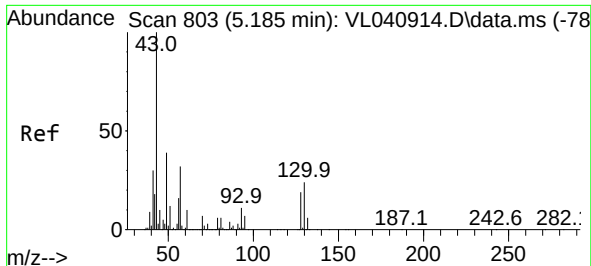


#24
 1,1-Dichloroethane
 Concen: 10.293 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VL040964.D
 Acq: 15 Jan 2024 10:44



Tgt Ion: 63 Resp: 1214421
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.5
 100 2.4 1.4 4.2





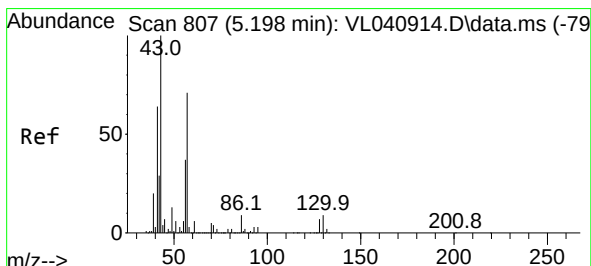
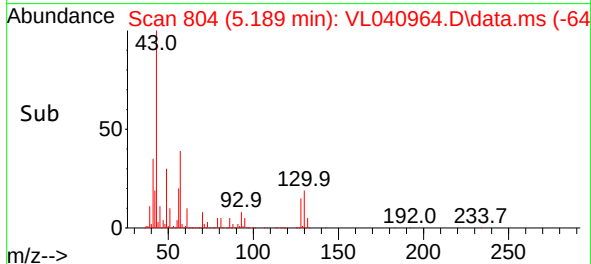
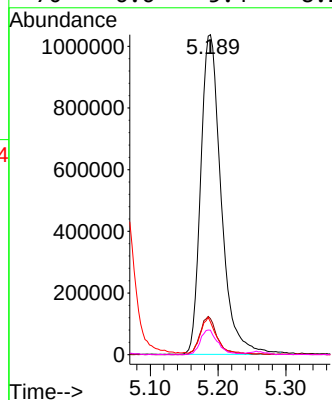
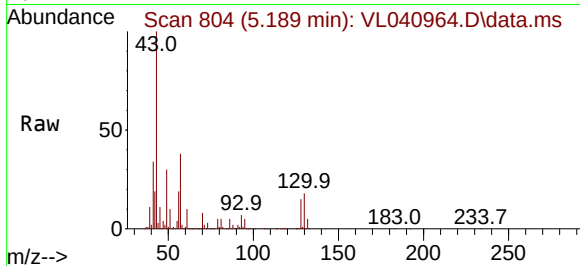
#25
Ethyl Acetate
Concen: 10.457 ppbv
RT: 5.189 min Scan# 803
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 216640
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.2
61 9.7 7.6 11.4
70 6.6 5.4 8.2

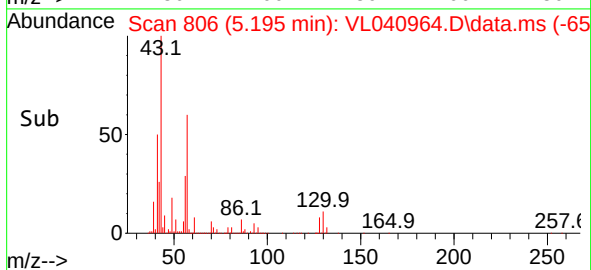
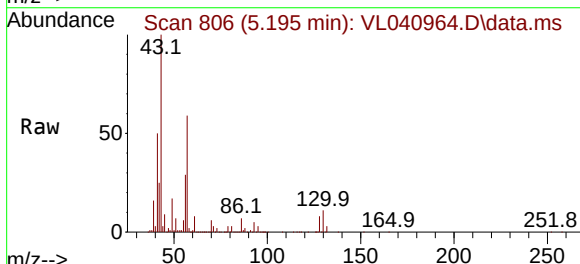
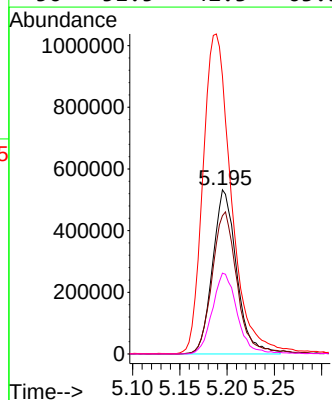
Manual Integrations
APPROVED

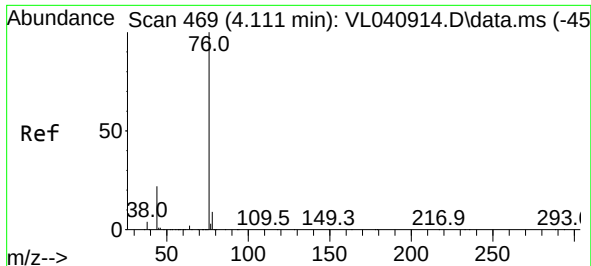
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#26
Hexane
Concen: 10.244 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

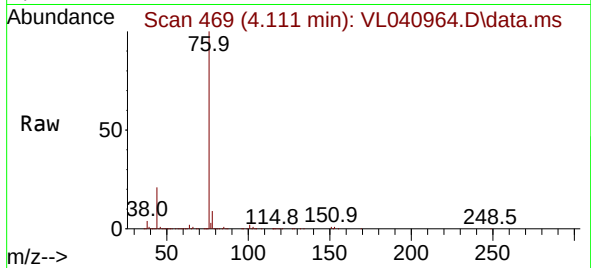
Tgt Ion: 57 Resp: 940504
Ion Ratio Lower Upper
57 100
41 91.0 75.2 112.8
43 232.7 188.0 282.0
56 51.5 42.3 63.5





#27
Carbon Disulfide
Concen: 11.814 ppbv
RT: 4.111 min Scan# 409
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

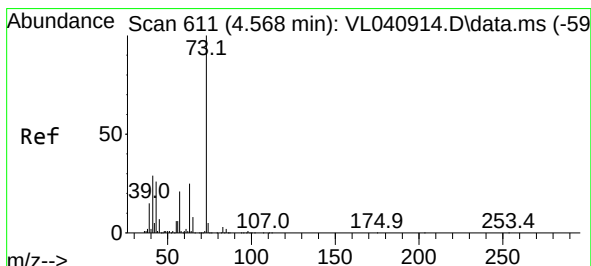
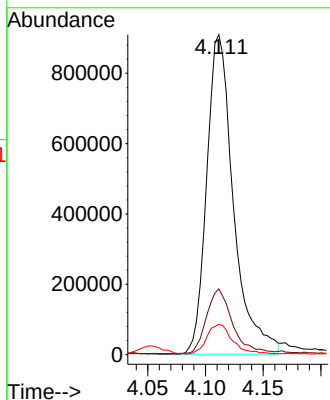
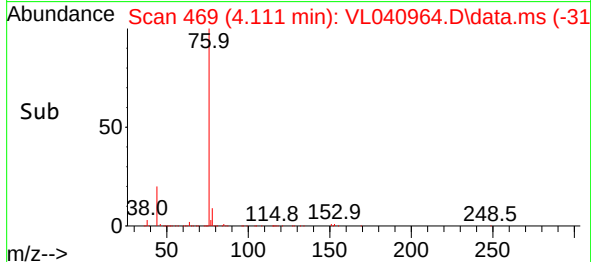
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 146795
Ion Ratio Lower Upper
76 100
44 20.1 18.4 27.6
78 9.8 7.9 11.9

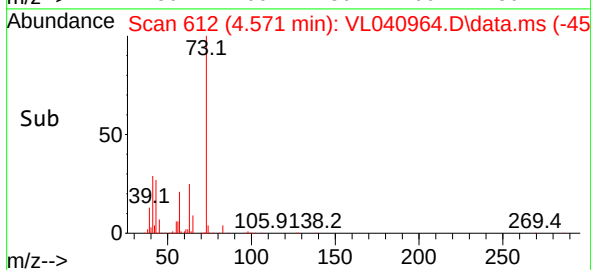
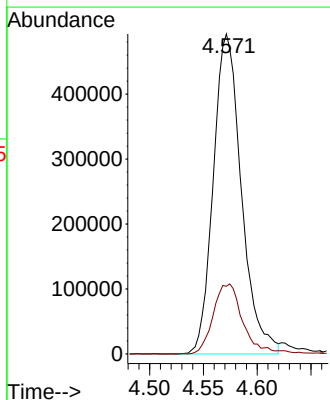
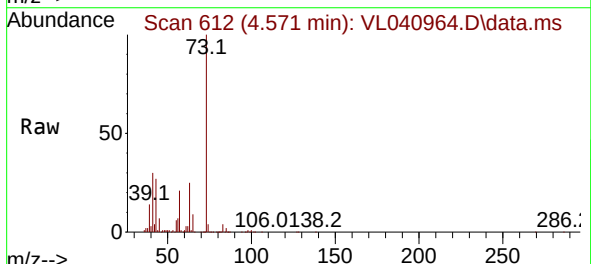
Manual Integrations
APPROVED

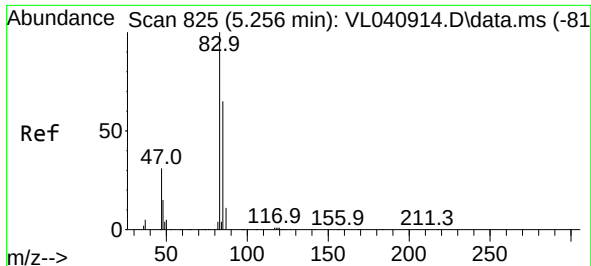
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#28
Methyl tert-Butyl Ether
Concen: 10.503 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

Tgt Ion: 73 Resp: 894823
Ion Ratio Lower Upper
73 100
57 23.6 18.0 27.0





#29

Chloroform

Concen: 9.250 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1433120

Ion Ratio Lower Upper

83 100

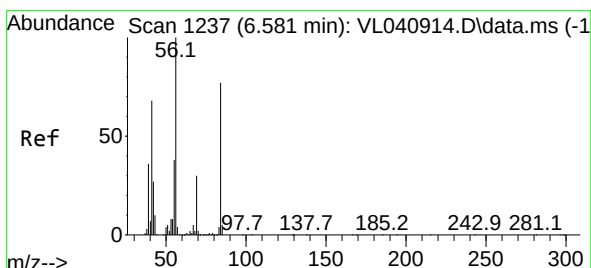
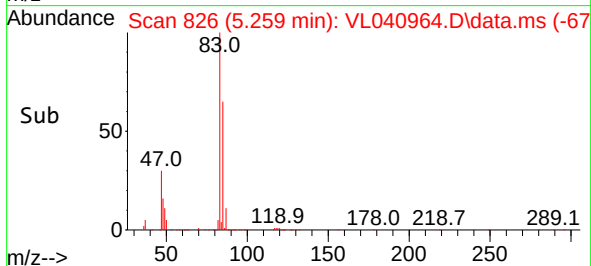
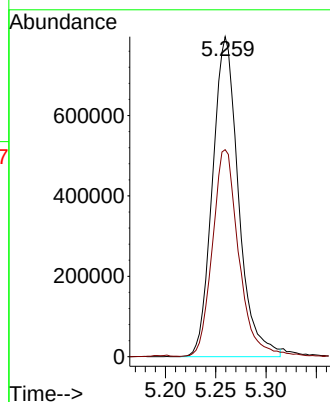
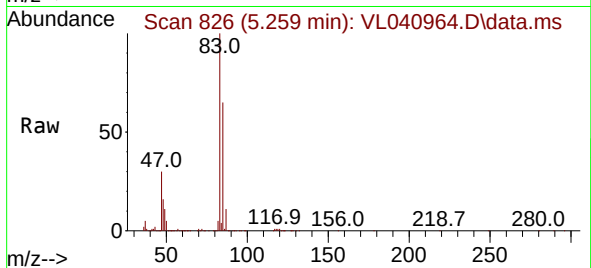
85 64.6 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#30

Cyclohexane

Concen: 11.833 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

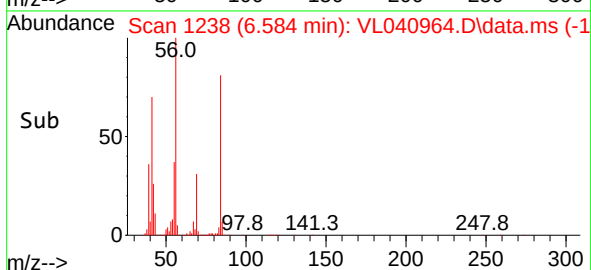
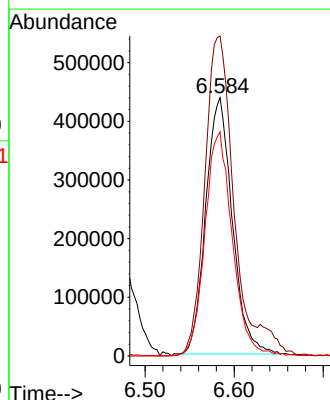
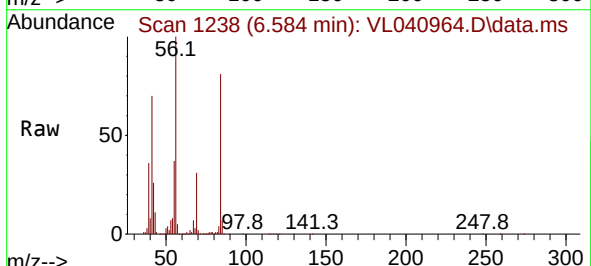
Tgt Ion: 84 Resp: 905759

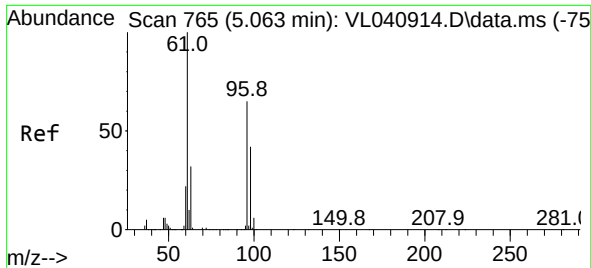
Ion Ratio Lower Upper

84 100

56 139.5 111.4 167.2

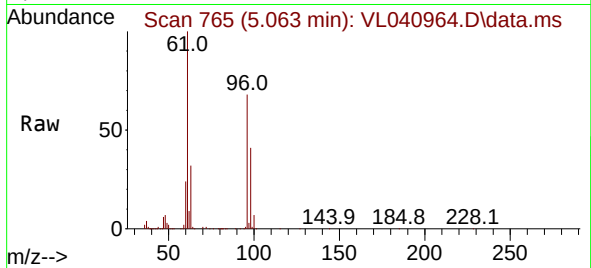
41 90.4 70.0 105.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.951 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. 0.000 min
 Lab File: VL040964.D
 Acq: 15 Jan 2024 10:44

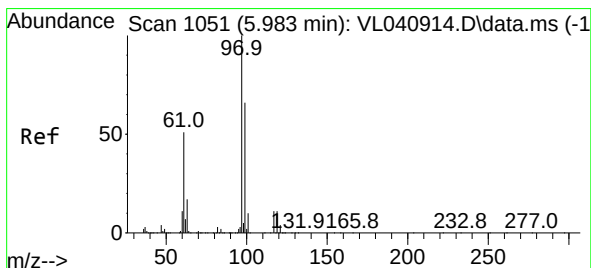
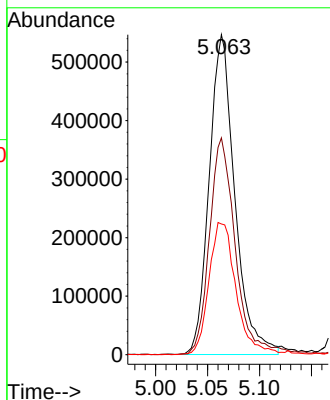
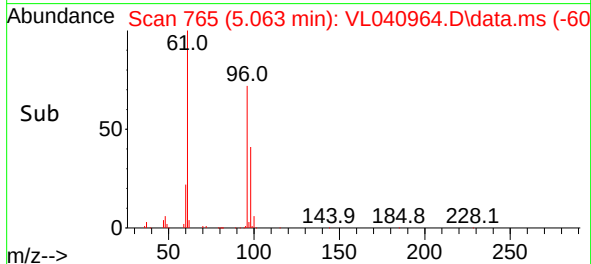
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



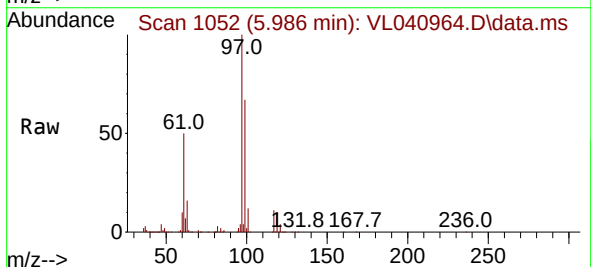
Tgt Ion: 61 Resp: 938544
 Ion Ratio Lower Upper
 61 100
 96 67.6 51.7 77.5
 98 40.8 33.2 49.8

Manual Integrations
 APPROVED

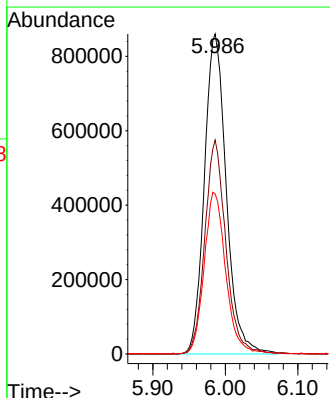
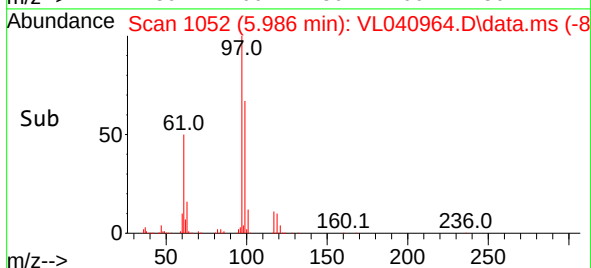
Reviewed By :Semsettin Yesilyurt 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024

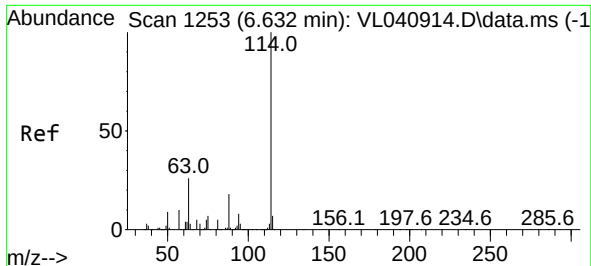


#32
 1,1,1-Trichloroethane
 Concen: 12.049 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. 0.000 min
 Lab File: VL040964.D
 Acq: 15 Jan 2024 10:44



Tgt Ion: 97 Resp: 1804900
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.8 77.6
 61 50.0 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.636 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 2863339

Ion Ratio Lower Upper

114 100

63 25.8 21.0 31.6

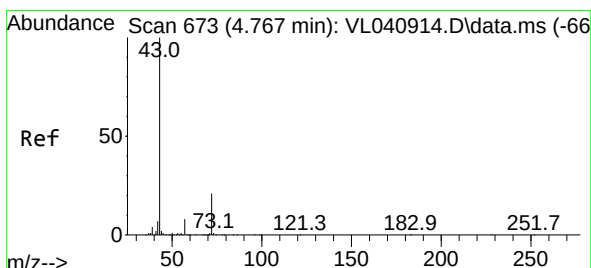
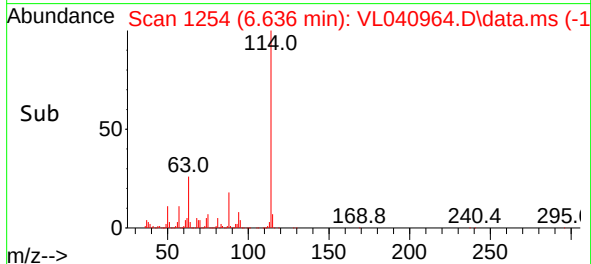
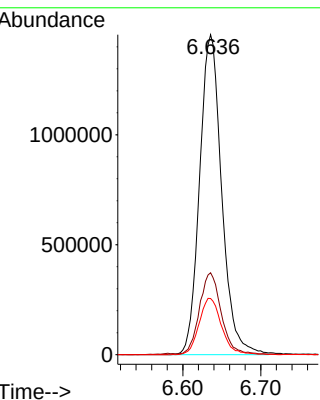
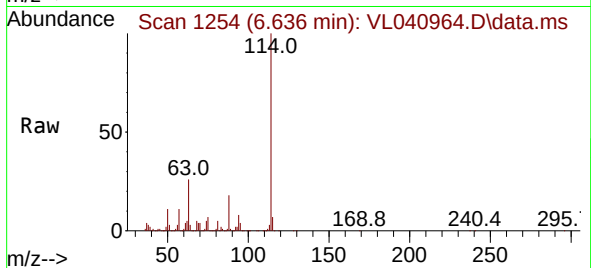
88 18.0 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#34

2-Butanone

Concen: 8.932 ppbv

RT: 4.771 min Scan# 674

Delta R.T. 0.000 min

Lab File: VL040964.D

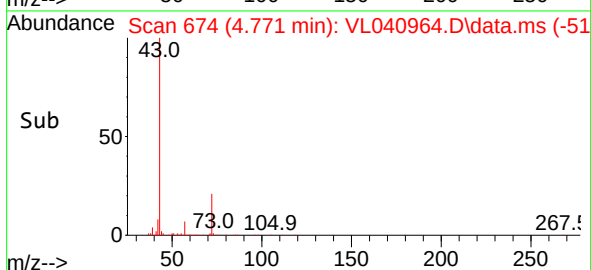
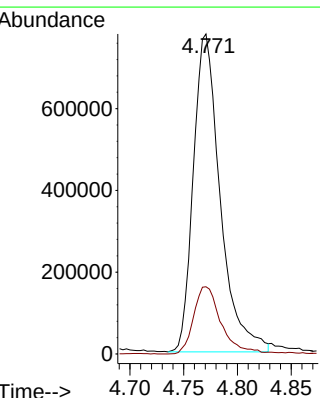
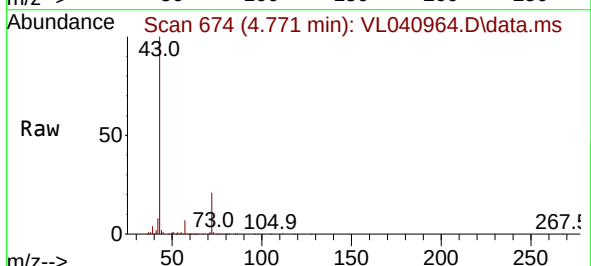
Acq: 15 Jan 2024 10:44

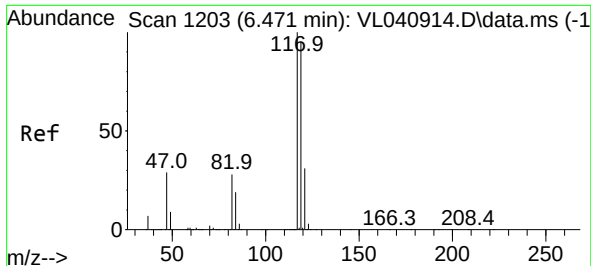
Tgt Ion: 43 Resp: 1352906

Ion Ratio Lower Upper

43 100

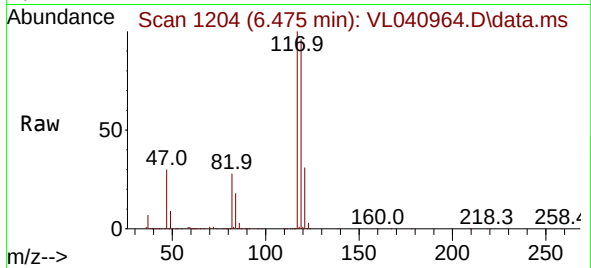
72 22.2 17.2 25.8





#35
Carbon Tetrachloride
Concen: 10.620 ppbv
RT: 6.475 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

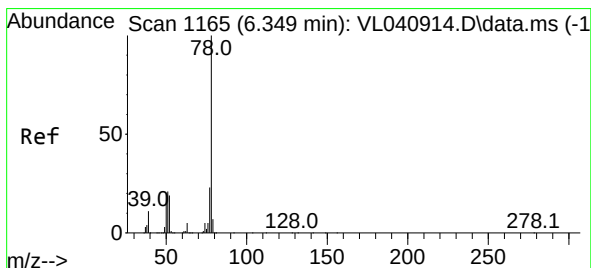
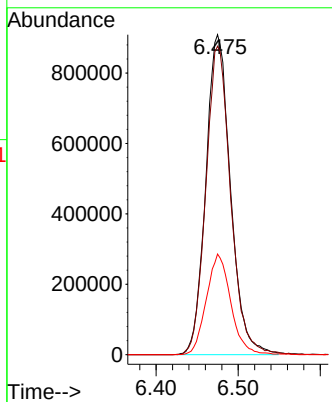
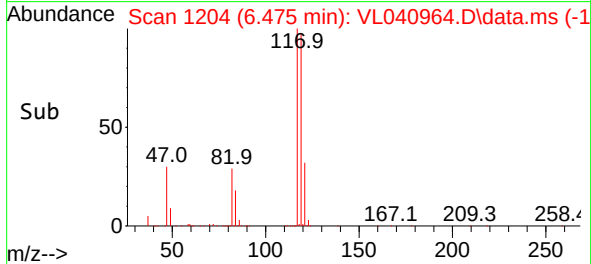
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



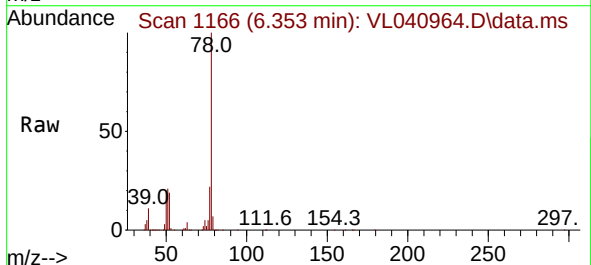
Tgt Ion: 117 Resp: 190442
Ion Ratio Lower Upper
117 100
119 96.2 76.3 114.5
121 31.4 24.9 37.3

Manual Integrations
APPROVED

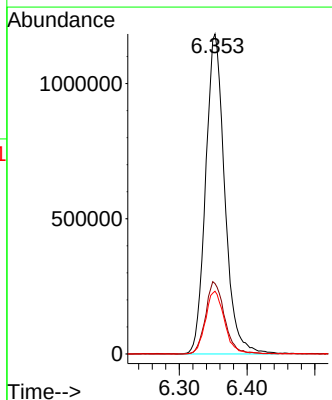
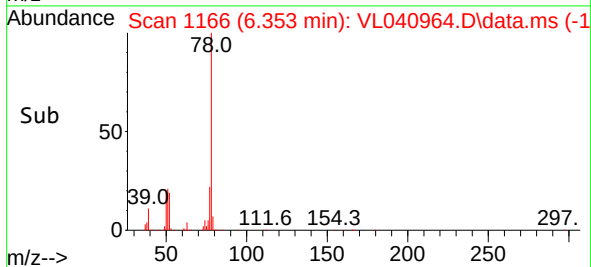
Reviewed By : Semsettin Yesilyurt 01/16/2024
Supervised By : Mahesh Dadoda 01/16/2024

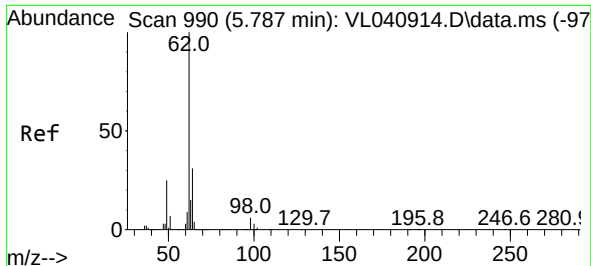


#36
Benzene
Concen: 10.323 ppbv
RT: 6.353 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44



Tgt Ion: 78 Resp: 2310699
Ion Ratio Lower Upper
78 100
77 22.0 18.4 27.6
50 19.6 16.0 24.0





#37

1,2-Dichloroethane

Concen: 10.310 ppbv

RT: 5.790 min Scan# 990

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 138283

Ion Ratio Lower Upper

62 100

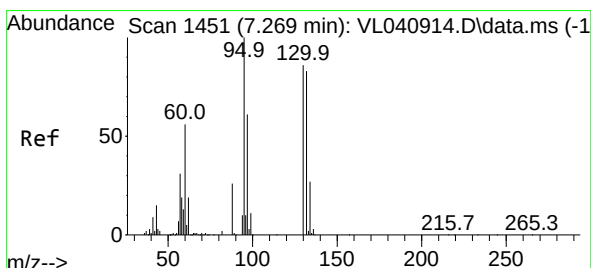
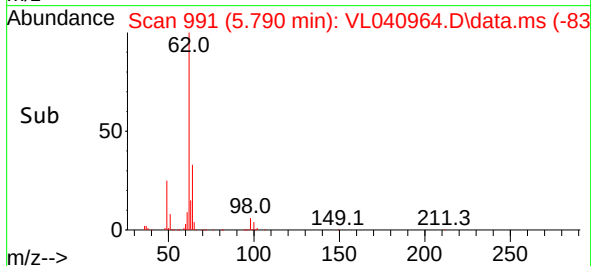
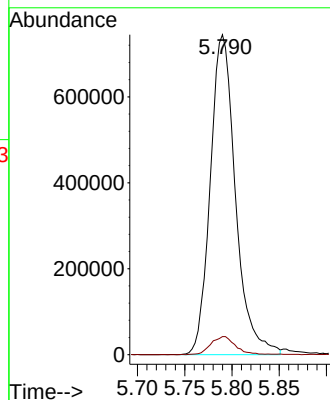
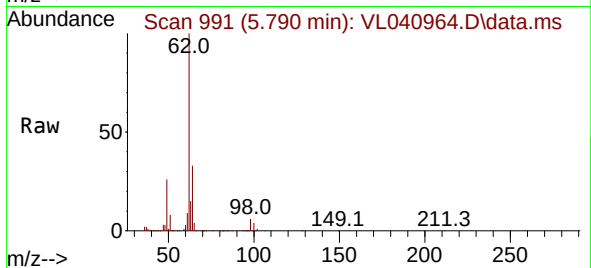
98 5.7 4.6 7.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#38

Trichloroethene

Concen: 10.638 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

Tgt Ion:130 Resp: 894356

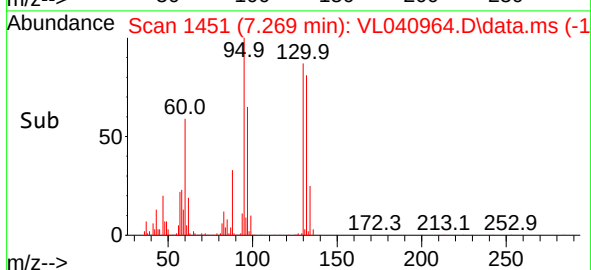
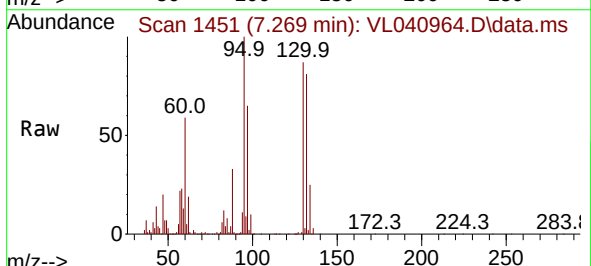
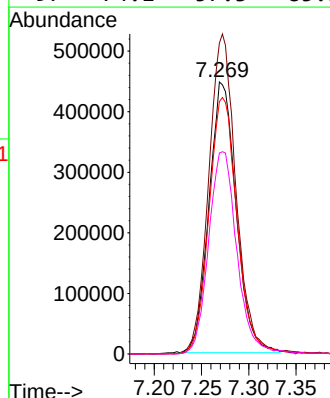
Ion Ratio Lower Upper

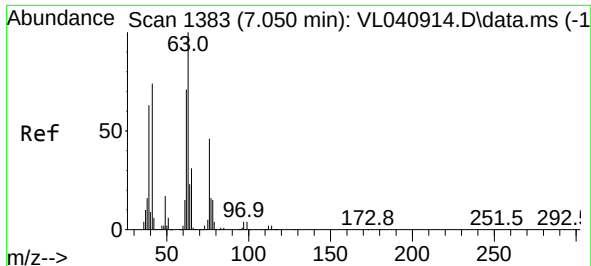
130 100

95 114.6 93.5 140.3

132 93.1 77.4 116.2

97 74.1 57.3 85.9





#39

1,2-Dichloropropane

Concen: 10.311 ppbv

RT: 7.053 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 90700

Ion Ratio Lower Upper

63 100

41 76.2 59.0 88.6

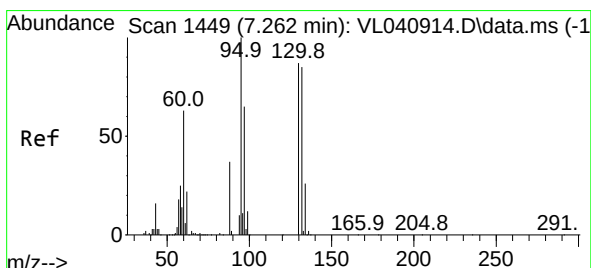
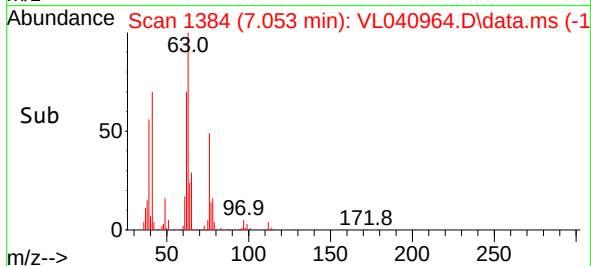
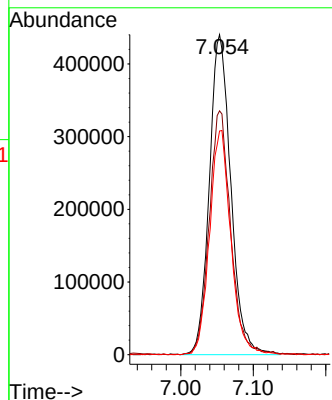
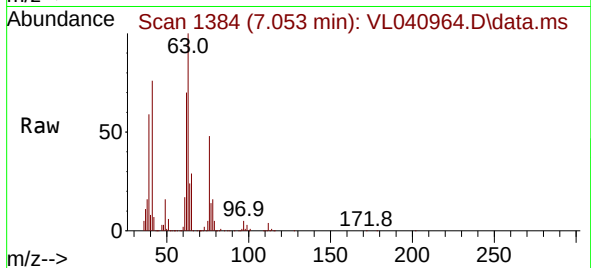
62 69.9 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#40

1,4-Dioxane

Concen: 9.964 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

Tgt Ion: 88 Resp: 370067

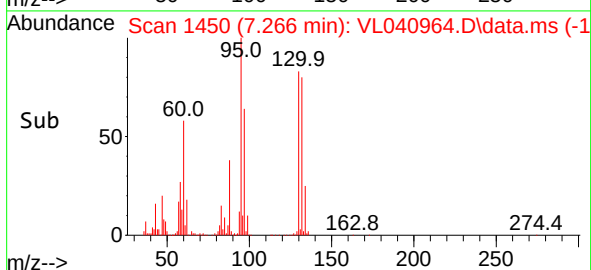
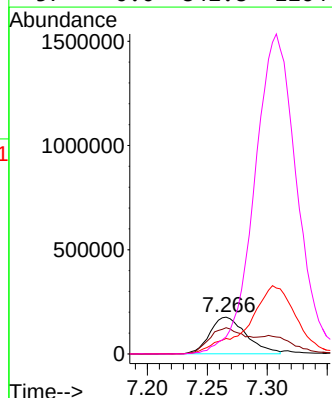
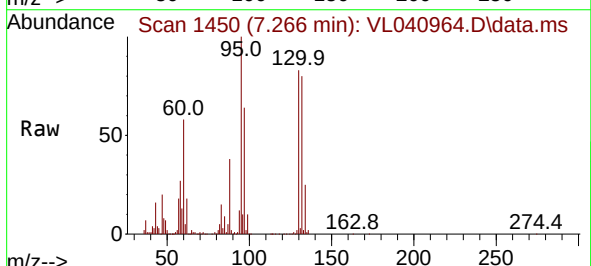
Ion Ratio Lower Upper

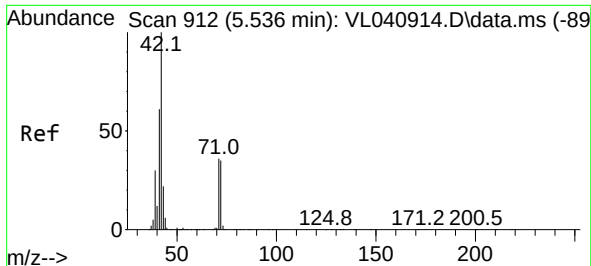
88 100

58 122.5 97.3 145.9

43 0.0 200.6 300.8#

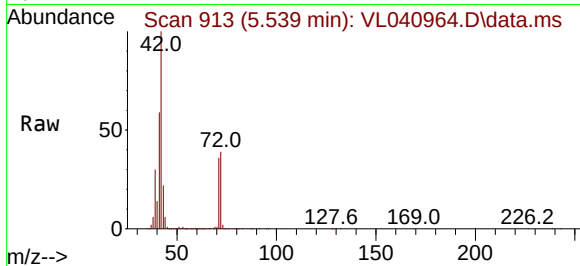
57 0.0 842.8 1264.2#





#41
Tetrahydrofuran
Concen: 10.323 ppbv
RT: 5.539 min Scan# 912
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

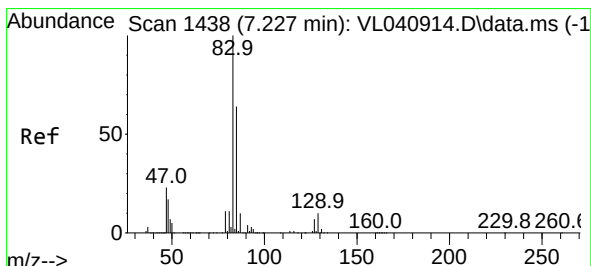
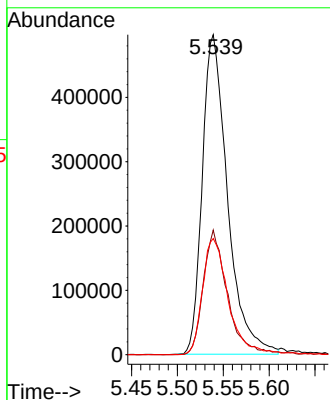
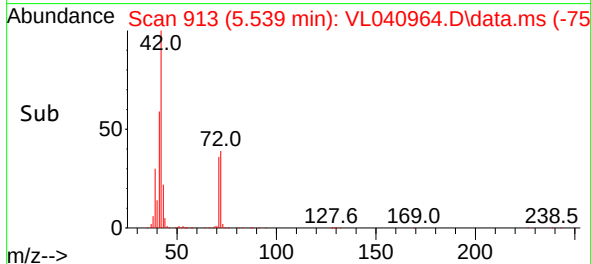
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



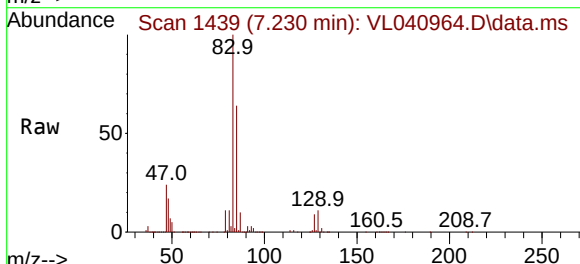
Tgt Ion: 42 Resp: 951352
Ion Ratio Lower Upper
42 100
72 37.8 29.6 44.4
71 37.8 29.1 43.7

Manual Integrations
APPROVED

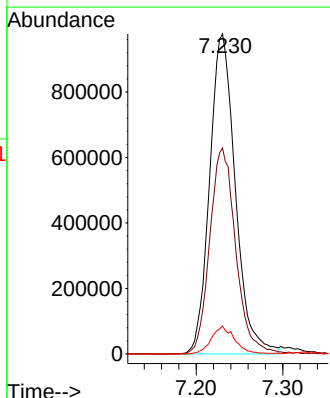
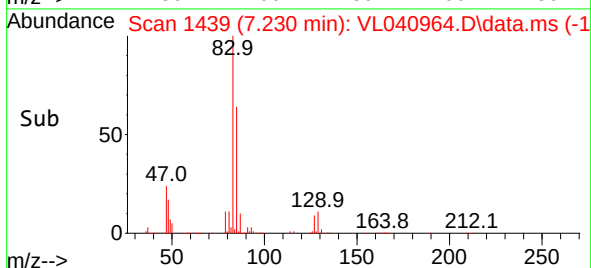
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

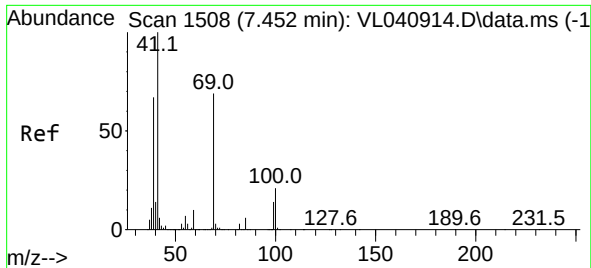


#42
Bromodichloromethane
Concen: 10.422 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44



Tgt Ion: 83 Resp: 2016045
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.0
127 8.7 5.9 8.9





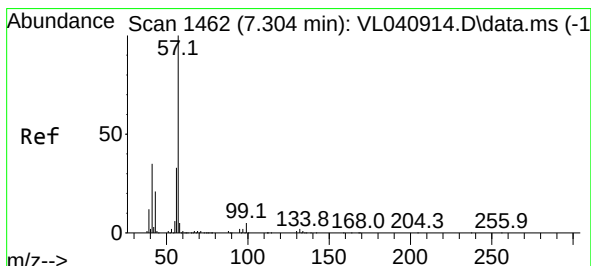
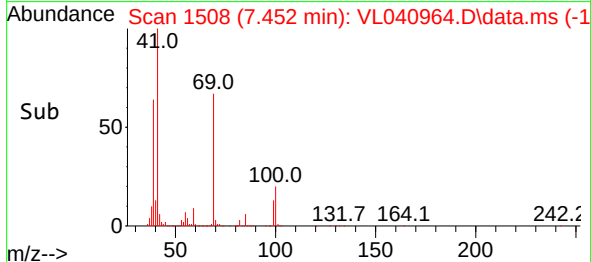
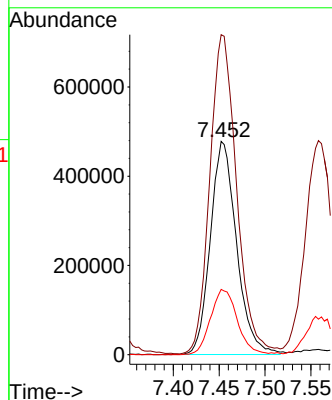
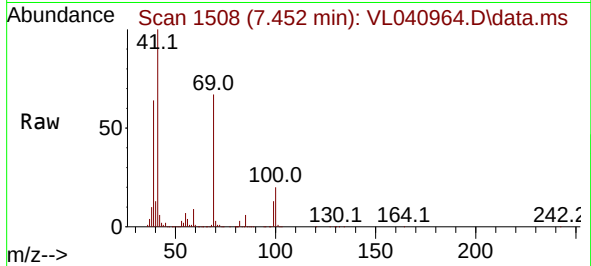
#43
Methyl Methacrylate
Concen: 10.826 ppbv
RT: 7.452 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 95054
Ion Ratio Lower Upper
69 100
41 153.8 119.9 179.9
100 31.6 25.1 37.7

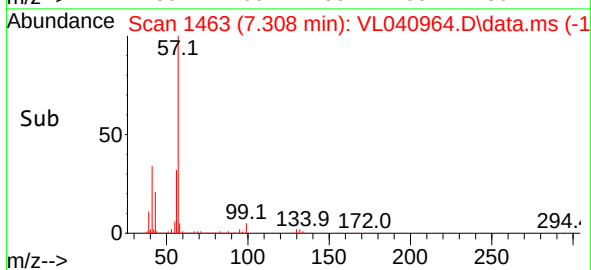
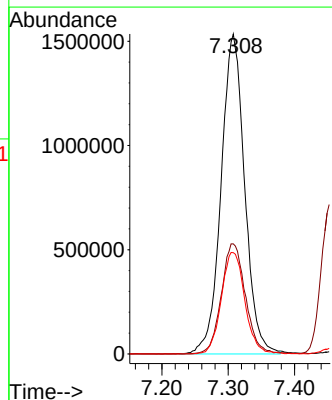
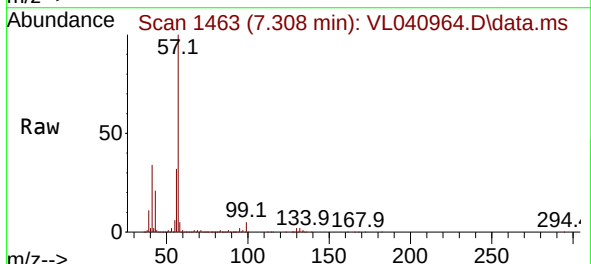
Manual Integrations
APPROVED

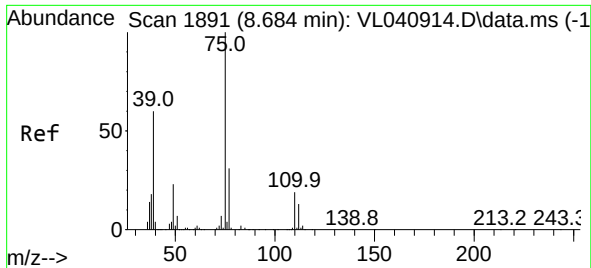
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#44
2,2,4-Trimethylpentane
Concen: 9.955 ppbv
RT: 7.308 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

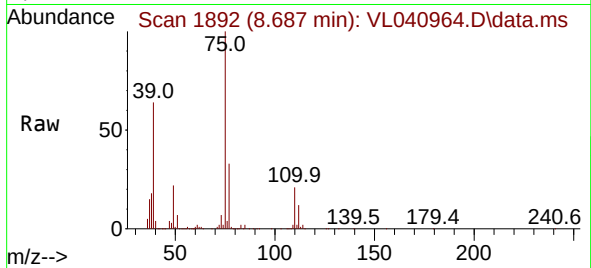
Tgt Ion: 57 Resp: 3784928
Ion Ratio Lower Upper
57 100
41 35.3 28.2 42.4
56 31.8 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 12.565 ppbv
RT: 8.687 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

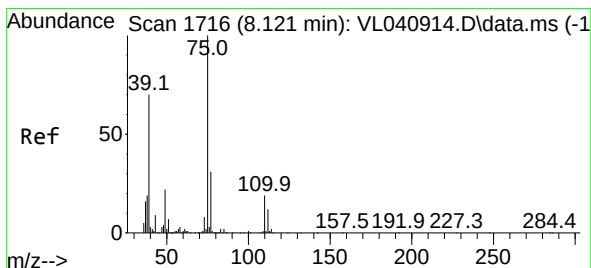
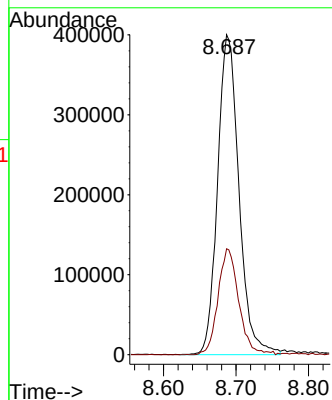
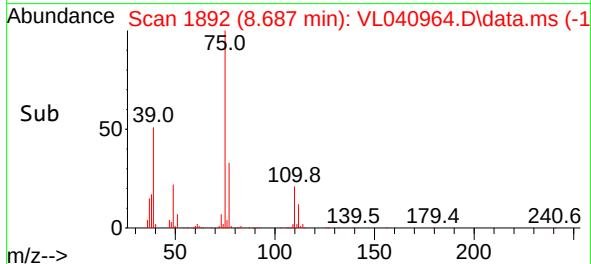
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 81845
Ion Ratio Lower Upper
75 100
77 33.1 24.8 37.2

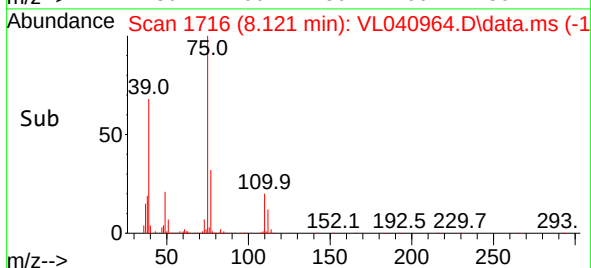
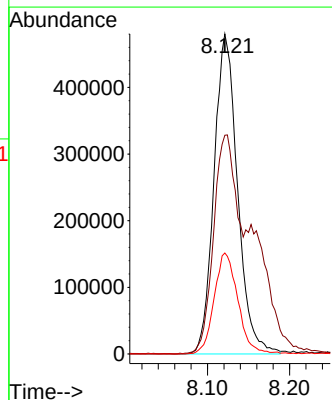
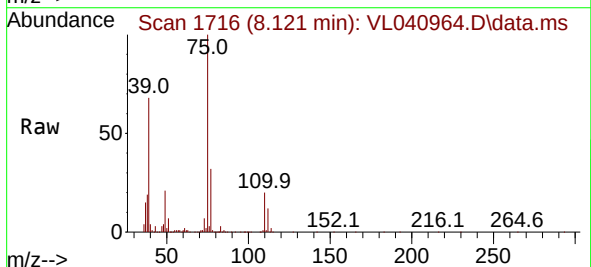
Manual Integrations
APPROVED

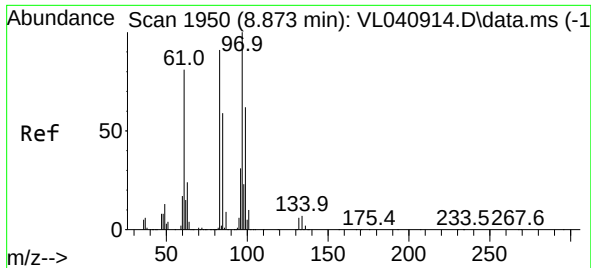
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#46
cis-1,3-Dichloropropene
Concen: 11.886 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

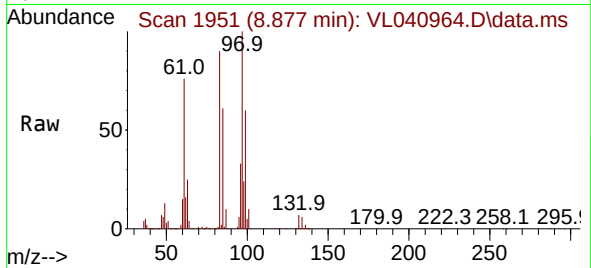
Tgt Ion: 75 Resp: 958581
Ion Ratio Lower Upper
75 100
39 68.1 56.2 84.4
77 31.5 24.5 36.7





#47
1,1,2-Trichloroethane
Concen: 10.358 ppbv
RT: 8.877 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

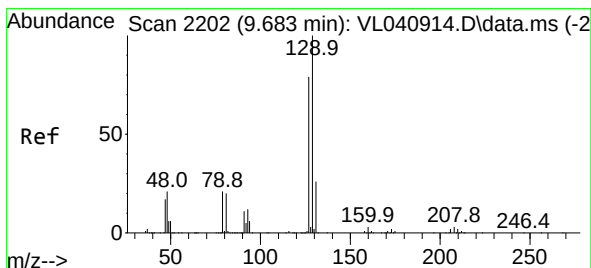
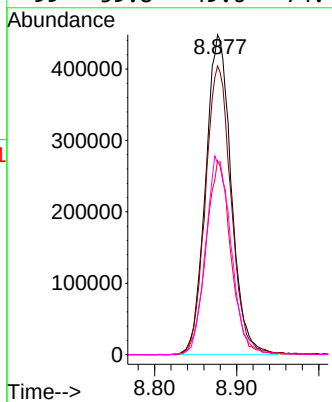
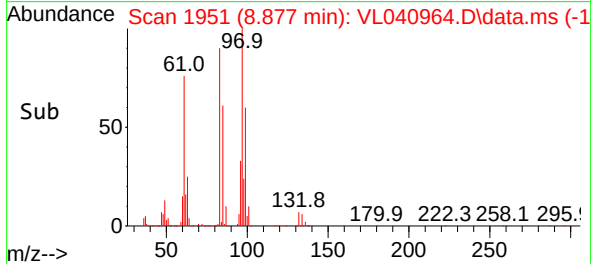
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 966470
Ion Ratio Lower Upper
97 100
83 90.2 72.6 108.8
85 60.8 47.4 71.0
99 59.8 49.6 74.4

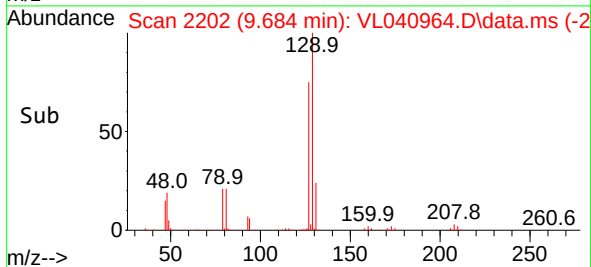
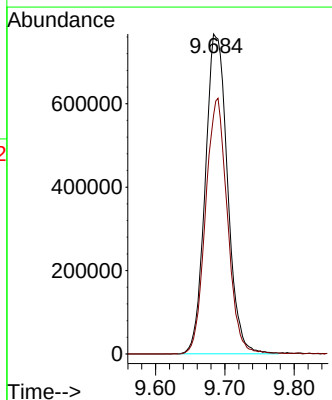
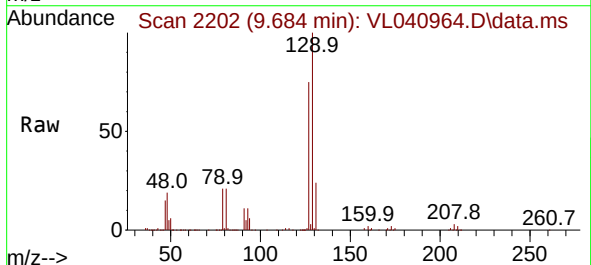
Manual Integrations
APPROVED

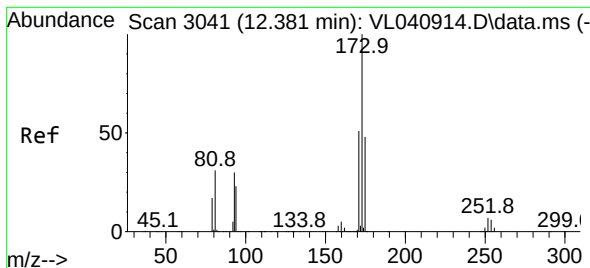
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#48
Dibromochloromethane
Concen: 10.731 ppbv
RT: 9.684 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

Tgt Ion:129 Resp: 1709094
Ion Ratio Lower Upper
129 100
127 78.8 39.6 119.0





#49

Bromoform

Concen: 11.200 ppbv

RT: 12.384 min Scan# 3041

Delta R.T. 0.000 min

Lab File: VL040964.D

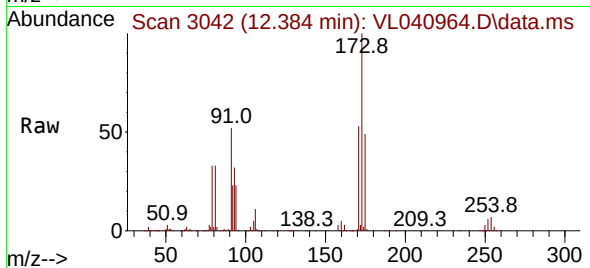
Acq: 15 Jan 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:173 Resp: 1376439

Ion Ratio Lower Upper

173 100

175 49.1 39.3 58.9

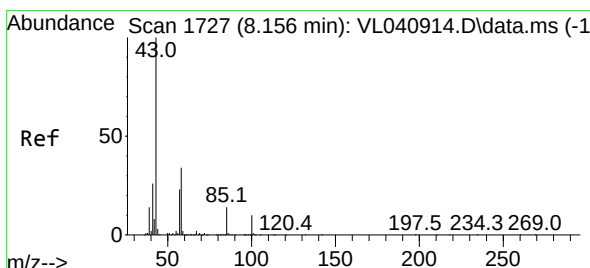
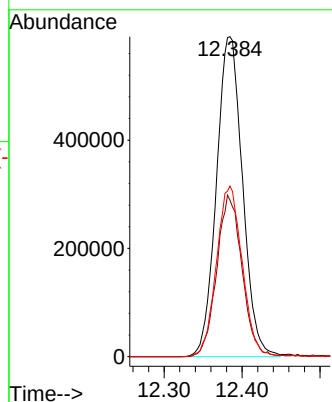
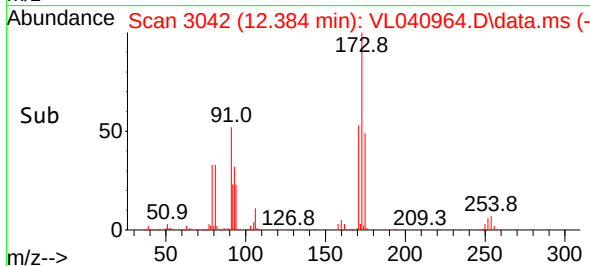
171 53.1 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#50

4-Methyl-2-Pentanone

Concen: 10.495 ppbv

RT: 8.160 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VL040964.D

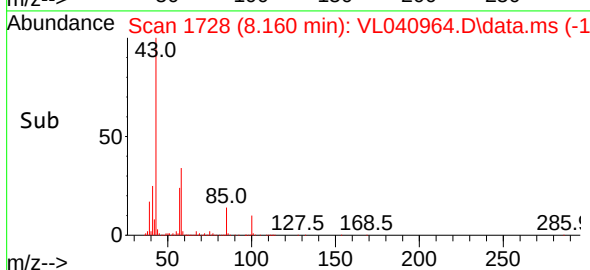
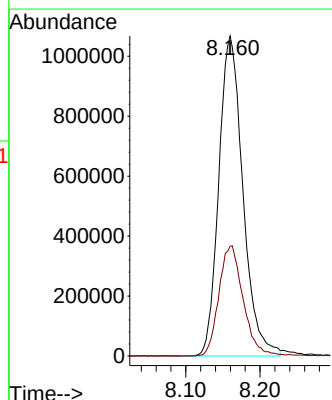
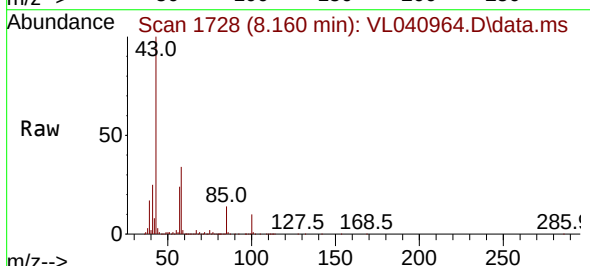
Acq: 15 Jan 2024 10:44

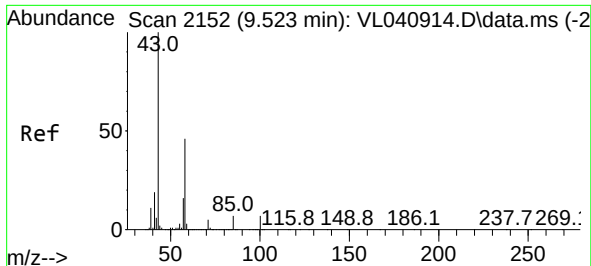
Tgt Ion: 43 Resp: 2407416

Ion Ratio Lower Upper

43 100

58 35.0 27.4 41.0





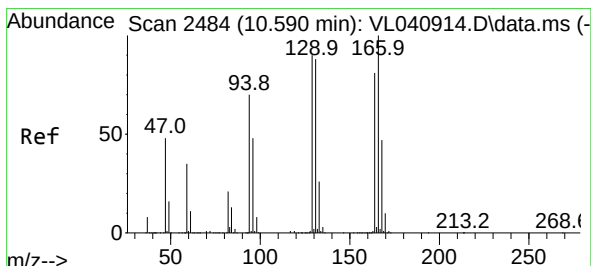
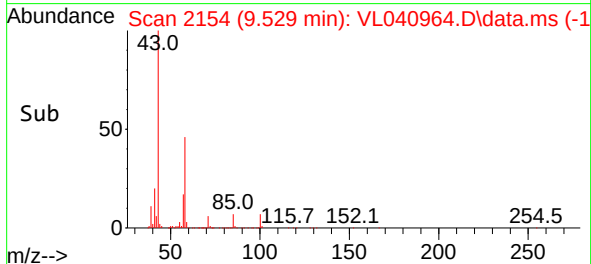
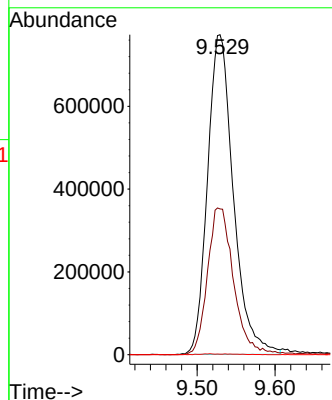
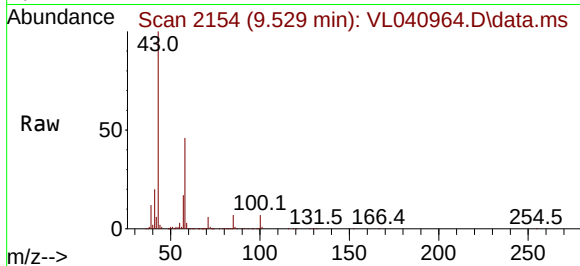
#51
2-Hexanone
Concen: 10.781 ppbv
RT: 9.529 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1780038
Ion Ratio Lower Upper
43 100
58 46.7 37.3 55.9
98 0.3 0.2 0.2

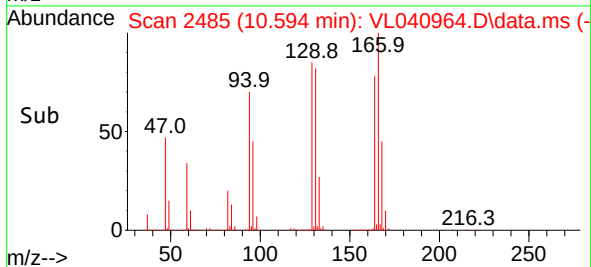
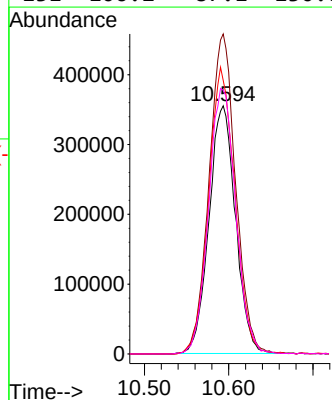
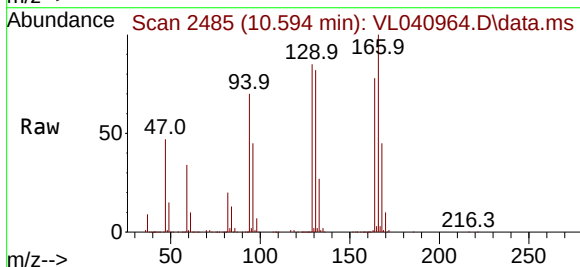
Manual Integrations
APPROVED

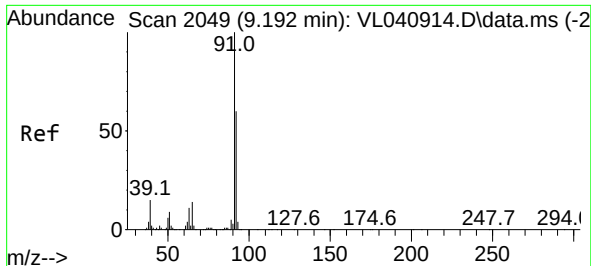
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#52
Tetrachloroethene
Concen: 10.254 ppbv
RT: 10.594 min Scan# 2485
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

Tgt Ion:164 Resp: 773176
Ion Ratio Lower Upper
164 100
166 128.9 98.9 148.3
129 109.9 88.7 133.1
131 106.2 87.1 130.7





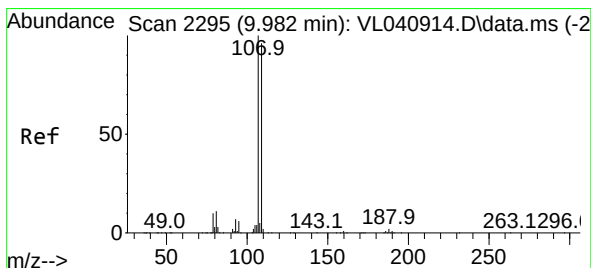
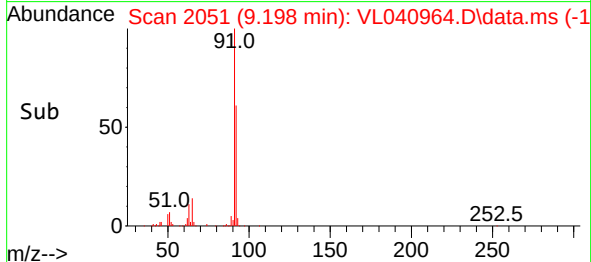
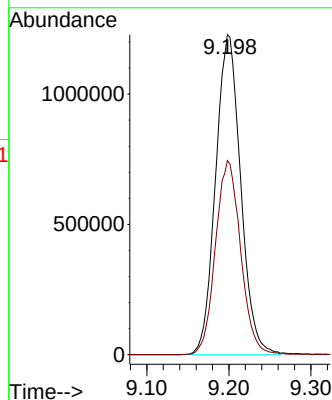
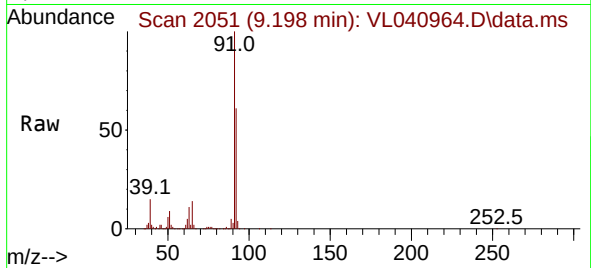
#53
Toluene
Concen: 10.525 ppbv
RT: 9.198 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 261232
Ion Ratio Lower Upper
91 100
92 60.9 49.2 73.8

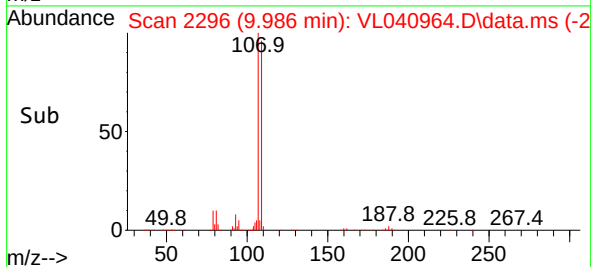
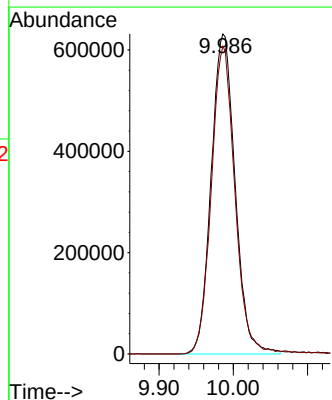
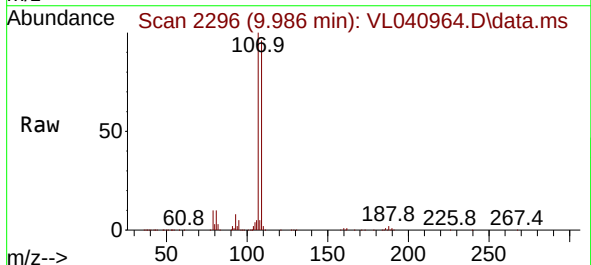
Manual Integrations
APPROVED

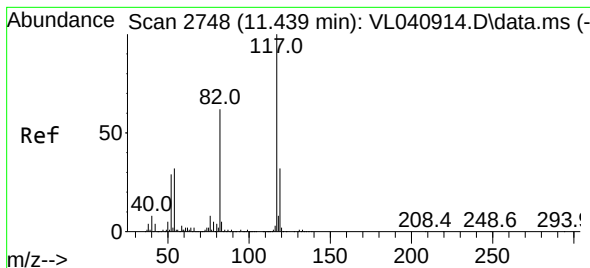
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#54
1,2-Dibromoethane
Concen: 11.038 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

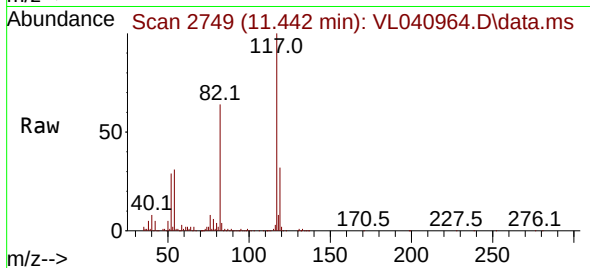
Tgt Ion:107 Resp: 1413406
Ion Ratio Lower Upper
107 100
109 96.1 77.0 115.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.442 min Scan# 2749
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

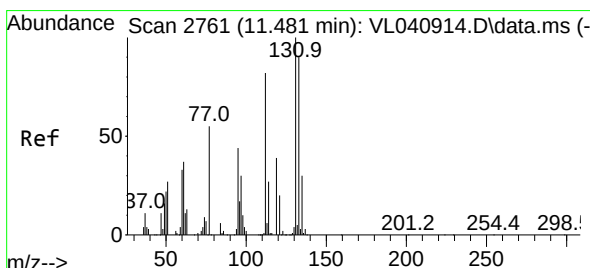
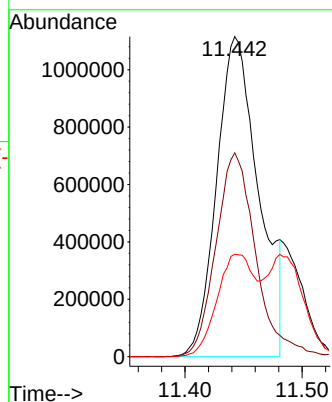
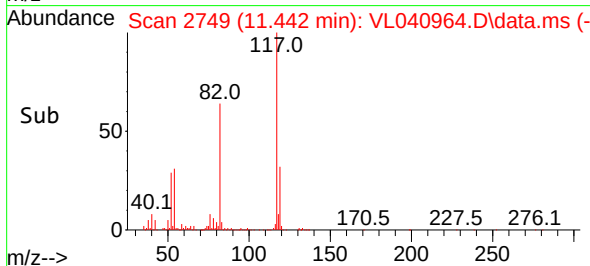
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



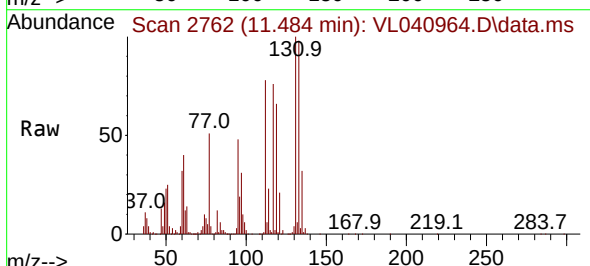
Tgt Ion:117 Resp: 278398
Ion Ratio Lower Upper
117 100
82 60.7 49.6 74.4
119 27.9 23.4 35.0

Manual Integrations
APPROVED

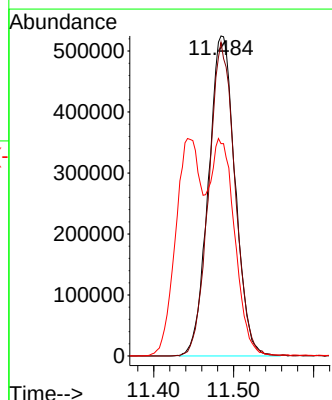
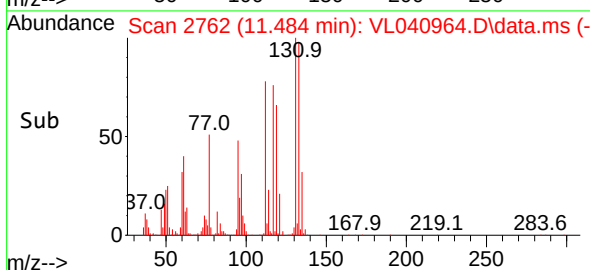
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

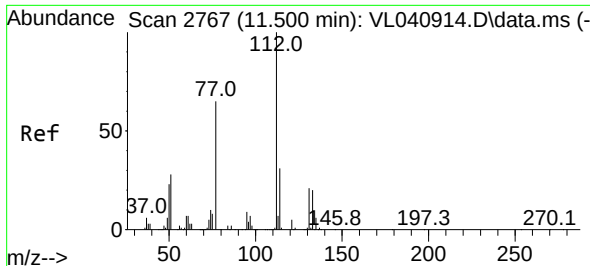


#56
1,1,1,2-Tetrachloroethane
Concen: 9.991 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44



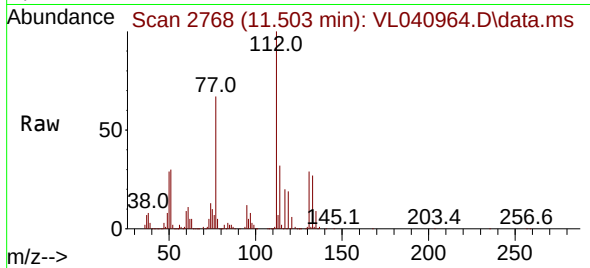
Tgt Ion:131 Resp: 1216380
Ion Ratio Lower Upper
131 100
133 96.3 76.3 114.5
119 63.5 48.6 73.0





#57
Chlorobenzene
Concen: 9.879 ppbv
RT: 11.503 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

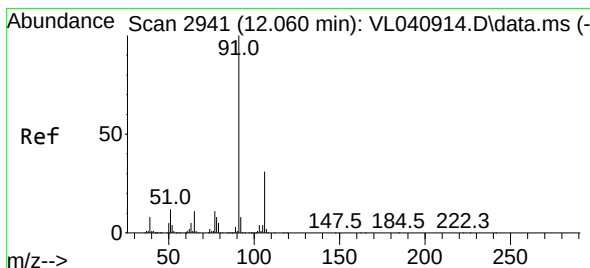
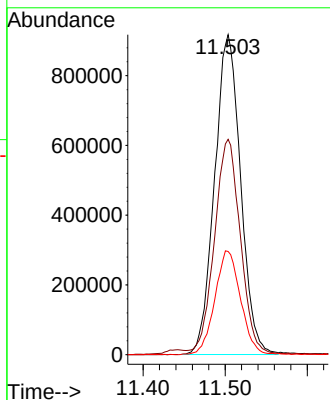
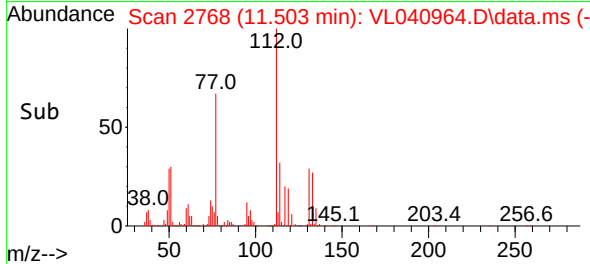
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 2025379
Ion Ratio Lower Upper
112 100
77 66.8 52.7 79.1
114 32.3 28.4 34.7

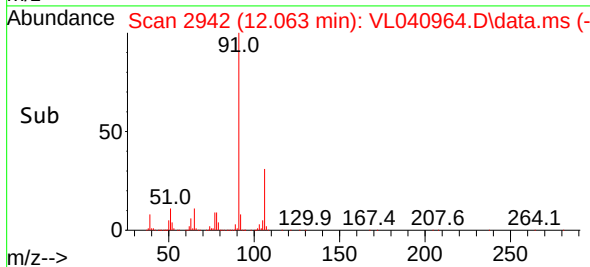
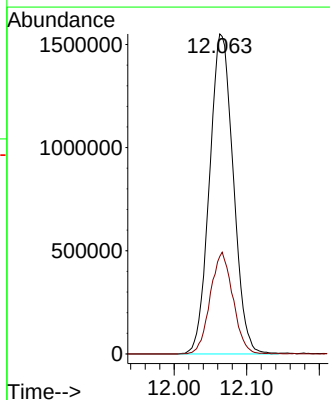
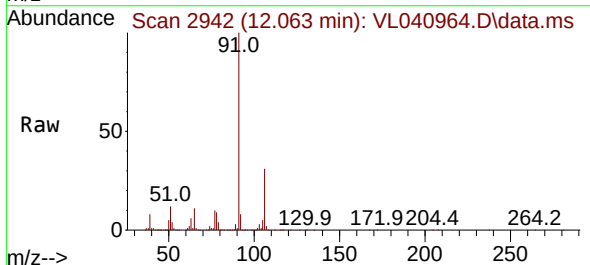
Manual Integrations
APPROVED

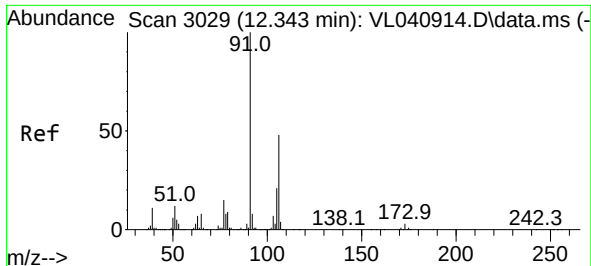
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#58
Ethyl Benzene
Concen: 9.882 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

Tgt Ion: 91 Resp: 3533753
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3





#59

m/p-Xylene

Concen: 19.755 ppbv m

RT: 12.349 min Scan# 3029

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 6008580

Ion Ratio Lower Upper

91 100

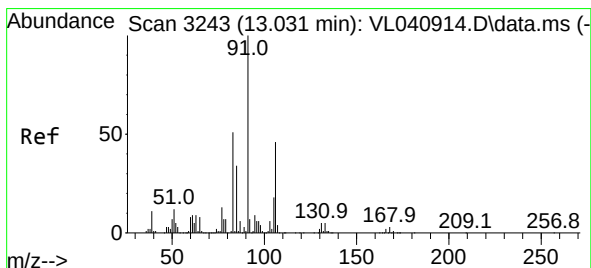
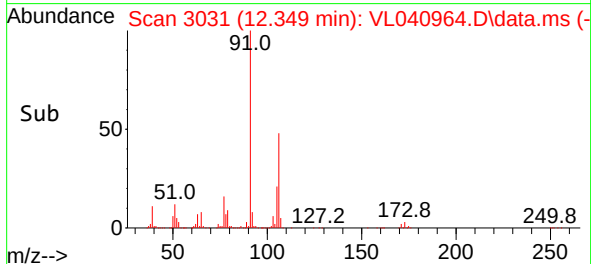
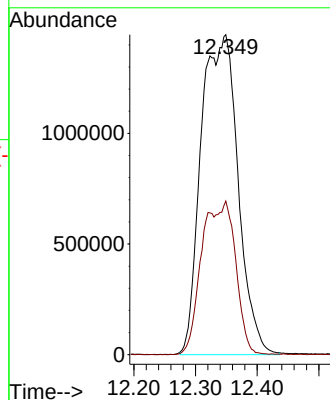
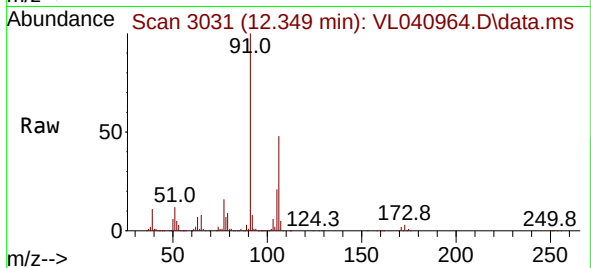
106 44.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#60

o-Xylene

Concen: 9.905 ppbv

RT: 13.034 min Scan# 3244

Delta R.T. 0.000 min

Lab File: VL040964.D

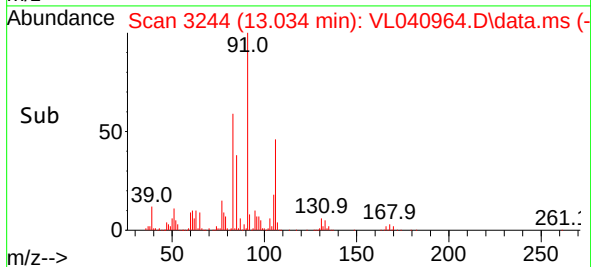
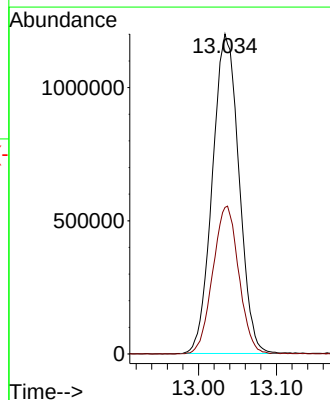
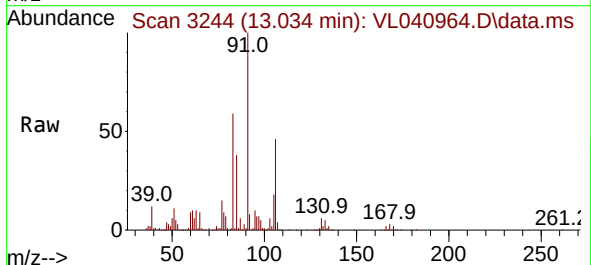
Acq: 15 Jan 2024 10:44

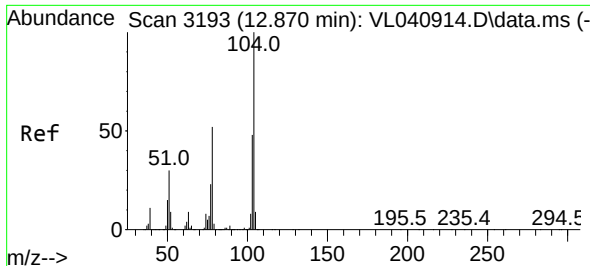
Tgt Ion: 91 Resp: 2838480

Ion Ratio Lower Upper

91 100

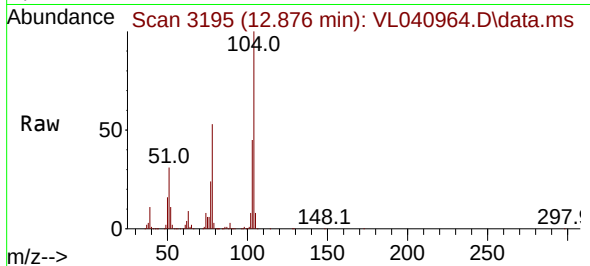
106 45.5 22.6 67.7





#61
Styrene
Concen: 10.921 ppbv
RT: 12.876 min Scan# 3193
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

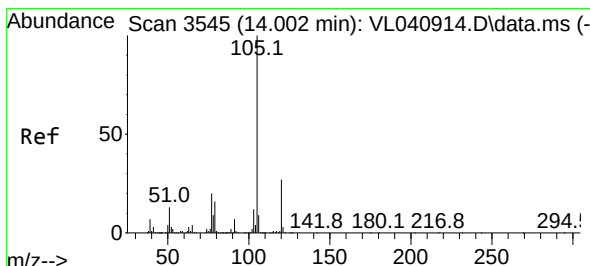
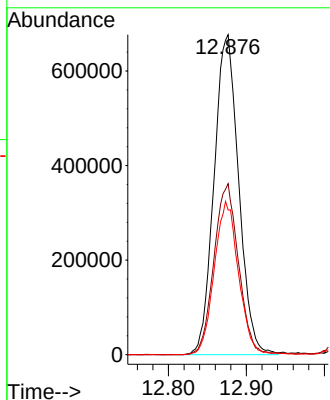
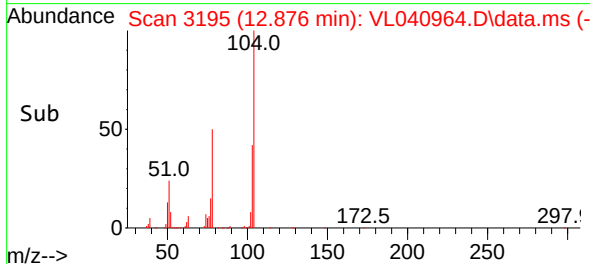
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



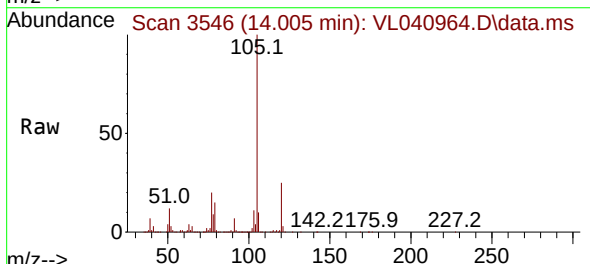
Tgt Ion:104 Resp: 1487744
Ion Ratio Lower Upper
104 100
78 53.3 43.0 64.4
103 47.3 37.6 56.4

Manual Integrations
APPROVED

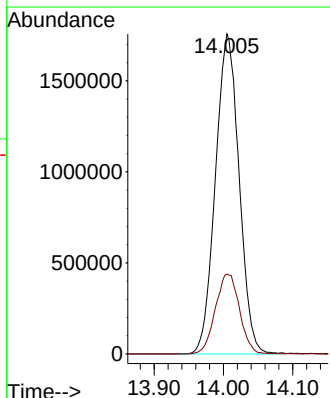
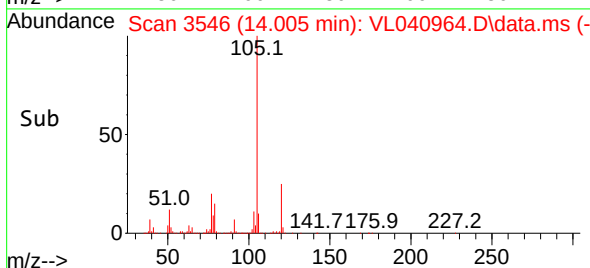
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

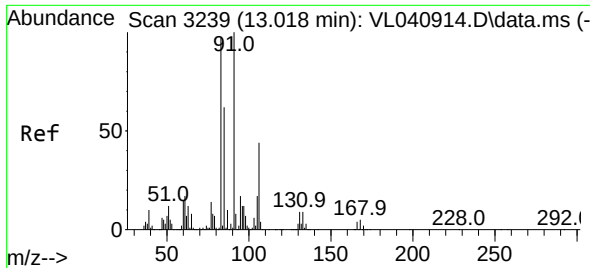


#62
Isopropylbenzene
Concen: 9.811 ppbv
RT: 14.005 min Scan# 3546
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44



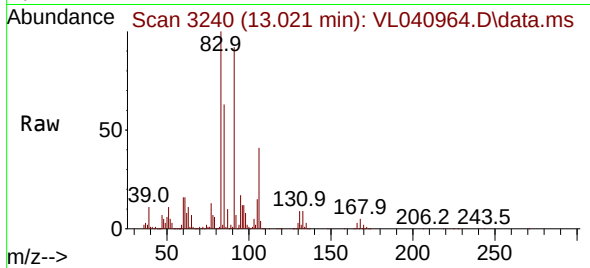
Tgt Ion:105 Resp: 4169538
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 10.149 ppbv
RT: 13.021 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

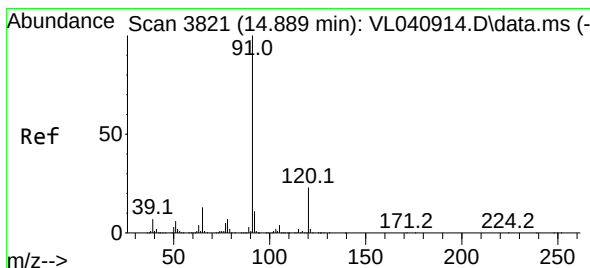
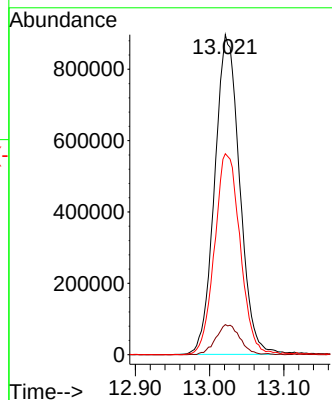
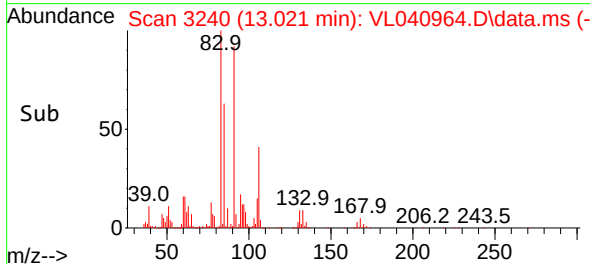
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



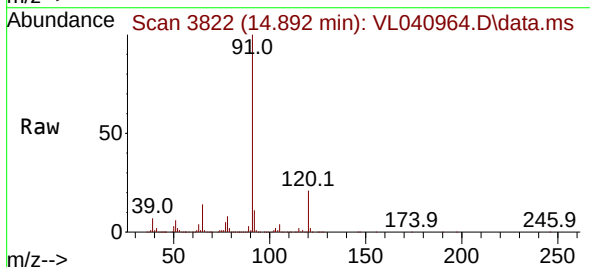
Tgt Ion: 83 Resp: 209526
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.0
85 65.1 32.6 98.0

Manual Integrations
APPROVED

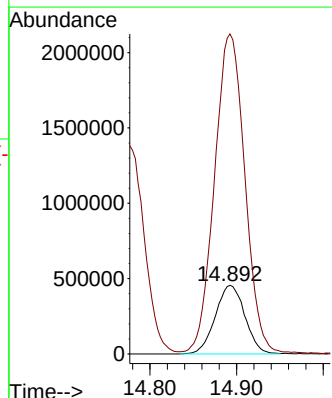
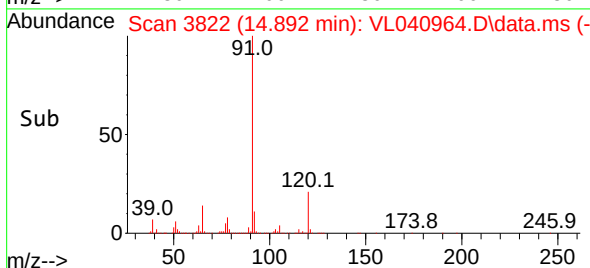
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

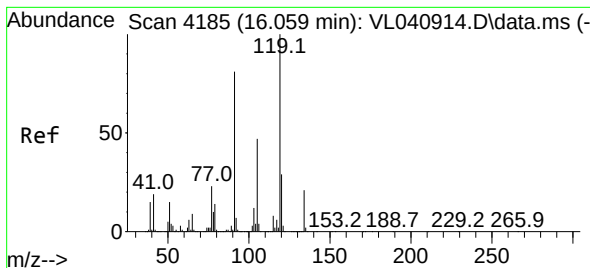


#64
n-propylbenzene
Concen: 10.146 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44



Tgt Ion:120 Resp: 1081546
Ion Ratio Lower Upper
120 100
91 480.5 381.9 572.9





#65

tert-Butylbenzene

Concen: 10.154 ppbv

RT: 16.066 min Scan# 4185

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 3668054

Ion Ratio Lower Upper

119 100

91 84.6 67.2 100.8

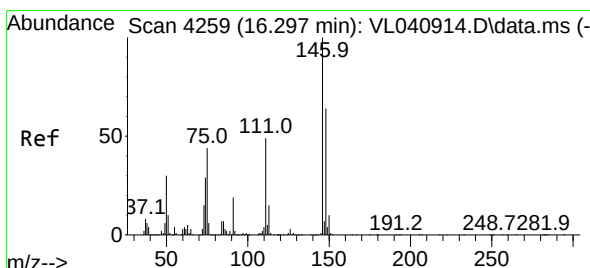
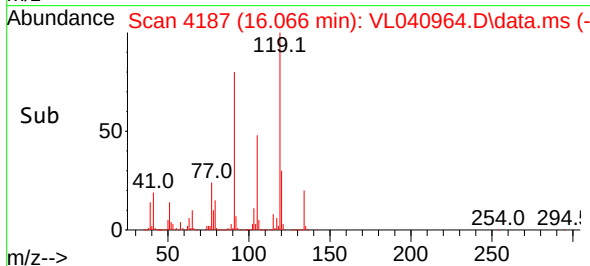
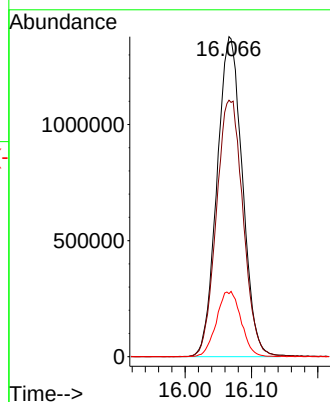
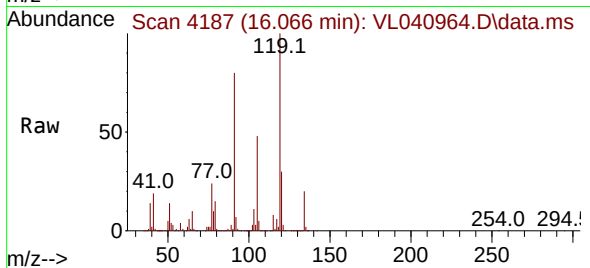
134 19.8 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#66

Benzyl Chloride

Concen: 12.886 ppbv

RT: 16.297 min Scan# 4259

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

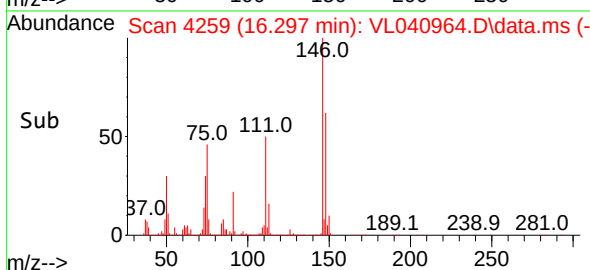
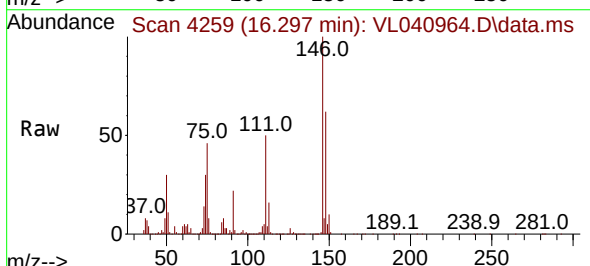
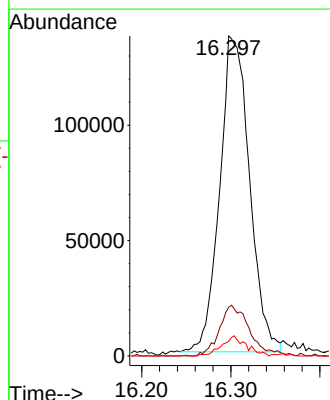
Tgt Ion: 91 Resp: 318543

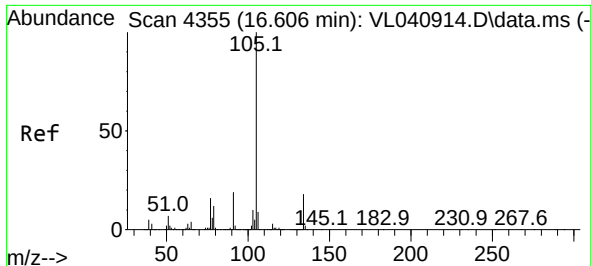
Ion Ratio Lower Upper

91 100

126 16.4 14.1 21.1

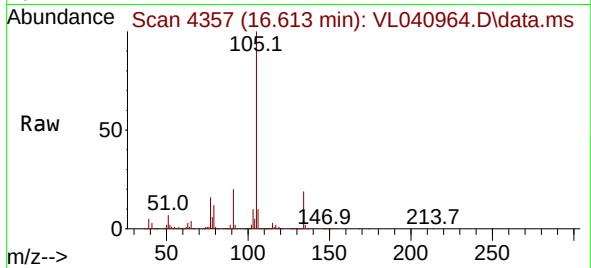
128 5.6 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 9.816 ppbv
 RT: 16.613 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040964.D
 Acq: 15 Jan 2024 10:44

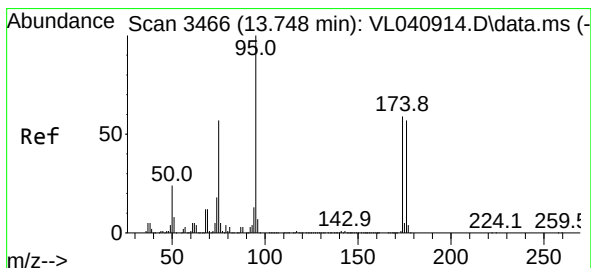
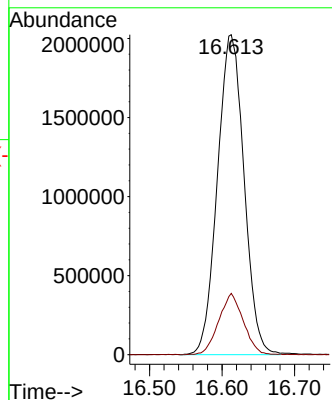
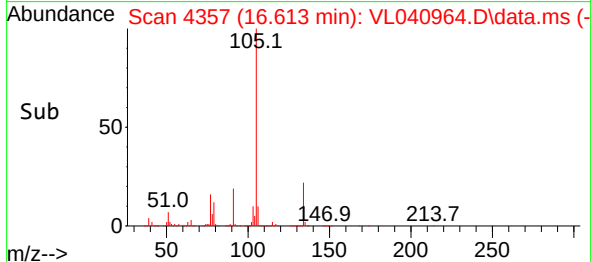
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 105 Resp: 515339
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.4 21.6

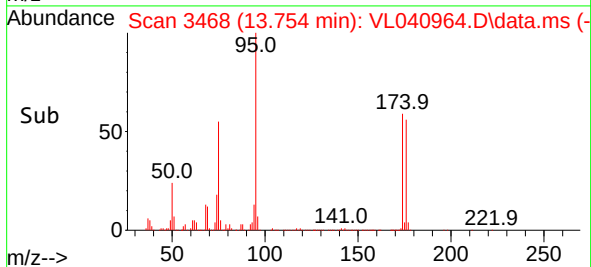
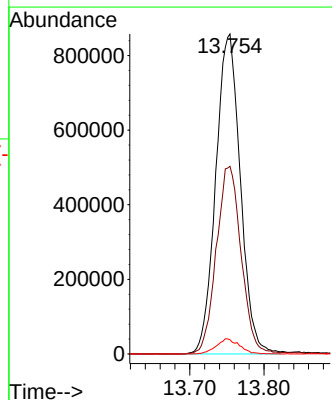
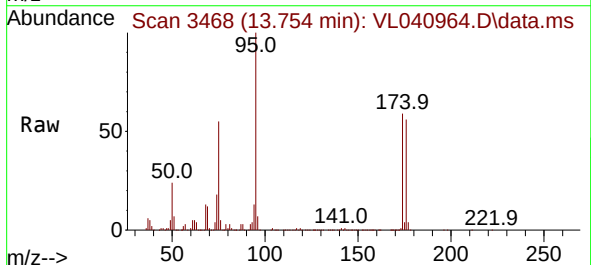
Manual Integrations
 APPROVED

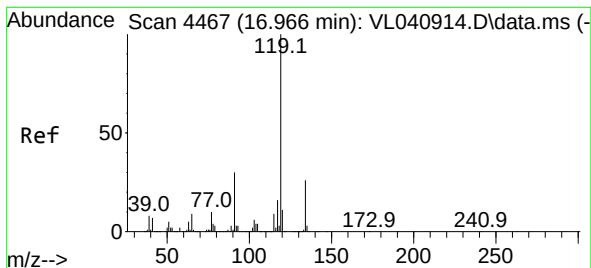
Reviewed By :Semsettin Yesilyurt 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.648 ppbv
 RT: 13.754 min Scan# 3468
 Delta R.T. 0.000 min
 Lab File: VL040964.D
 Acq: 15 Jan 2024 10:44

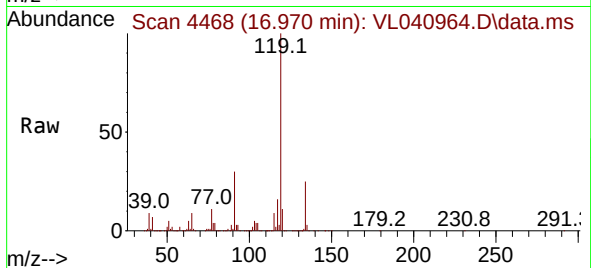
Tgt Ion: 95 Resp: 1978555
 Ion Ratio Lower Upper
 95 100
 174 58.9 48.0 72.0
 175 4.5 3.7 5.5





#69
p-Isopropyltoluene
Concen: 10.302 ppbv
RT: 16.970 min Scan# 4468
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

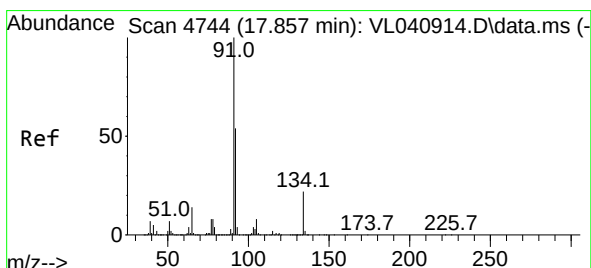
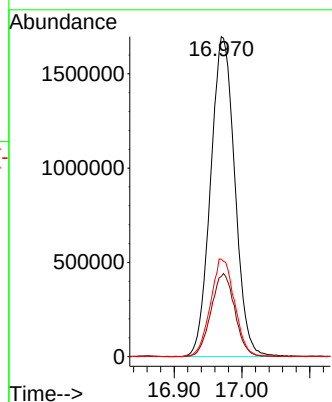
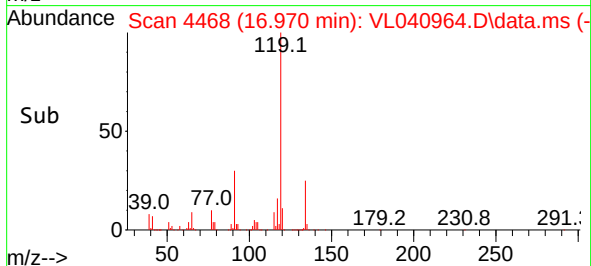
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



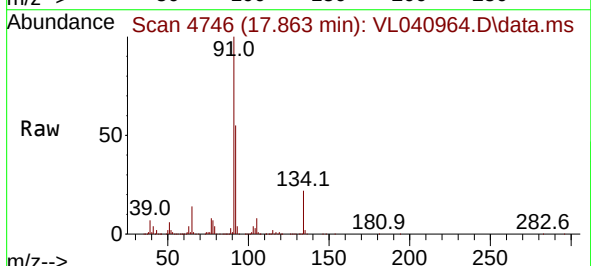
Tgt Ion:119 Resp: 420388
Ion Ratio Lower Upper
119 100
134 25.7 20.3 30.5
91 30.5 24.1 36.1

Manual Integrations
APPROVED

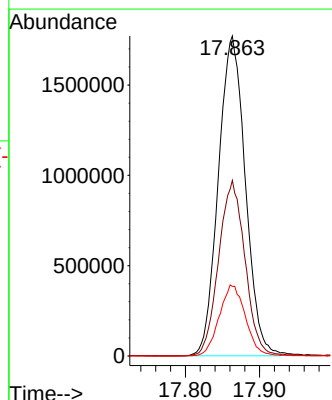
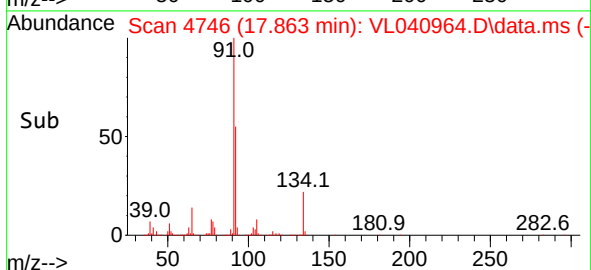
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

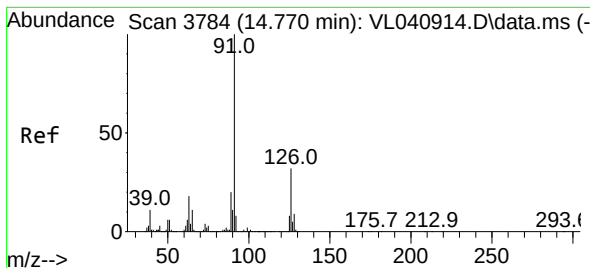


#70
n-Butylbenzene
Concen: 10.555 ppbv
RT: 17.863 min Scan# 4746
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44



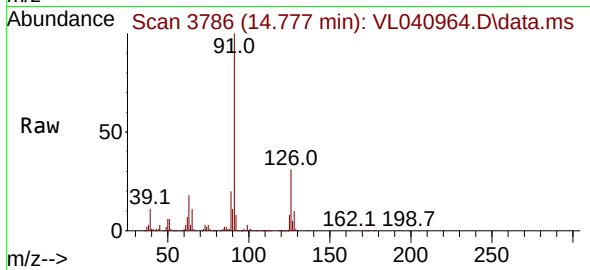
Tgt Ion: 91 Resp: 4471540
Ion Ratio Lower Upper
91 100
92 53.6 43.4 65.0
134 21.7 17.6 26.4





#71
2-Chlorotoluene
Concen: 9.920 ppbv
RT: 14.777 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

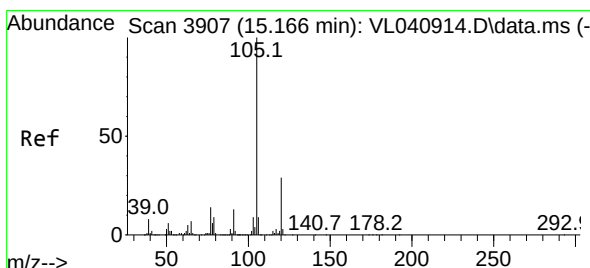
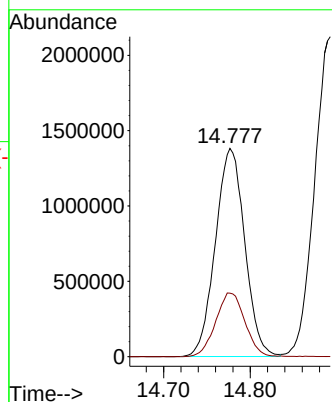
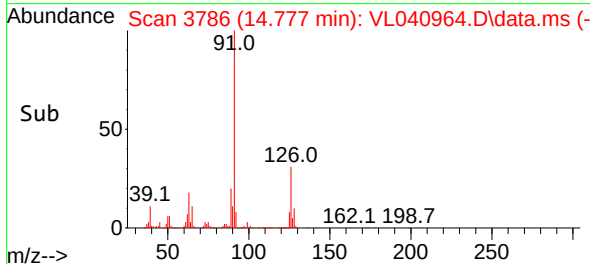
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



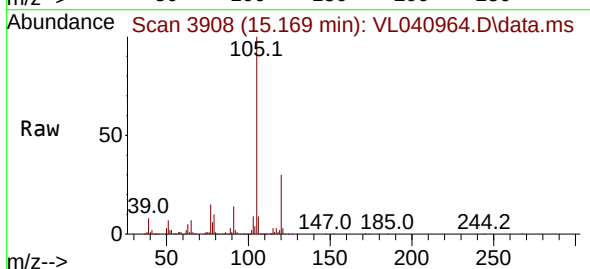
Tgt Ion: 91 Resp: 324685
Ion Ratio Lower Upper
91 100
126 30.8 12.4 49.6

Manual Integrations
APPROVED

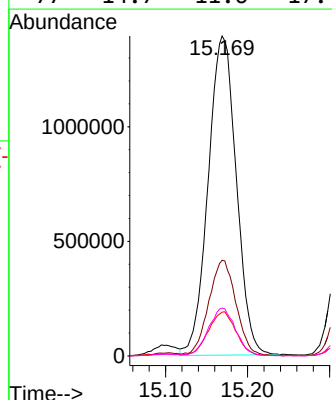
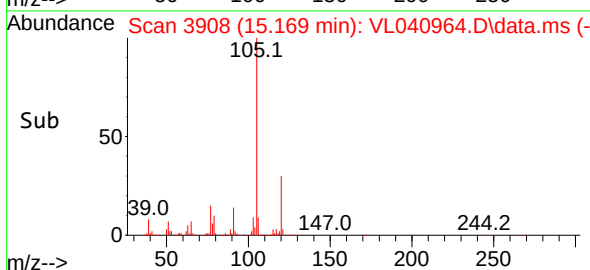
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

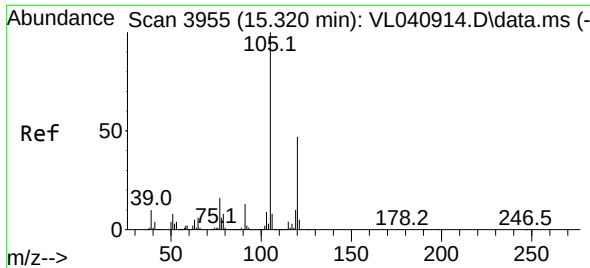


#72
4-Ethyltoluene
Concen: 10.538 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44



Tgt Ion:105 Resp: 3314437
Ion Ratio Lower Upper
105 100
120 29.3 23.8 35.8
91 13.7 10.9 16.3
77 14.7 11.6 17.4





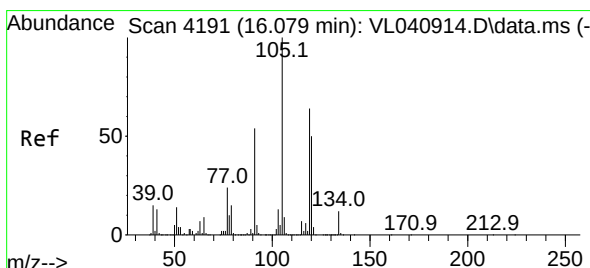
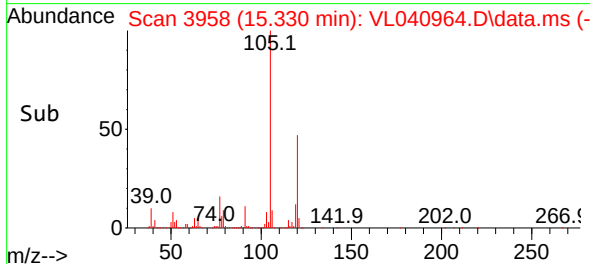
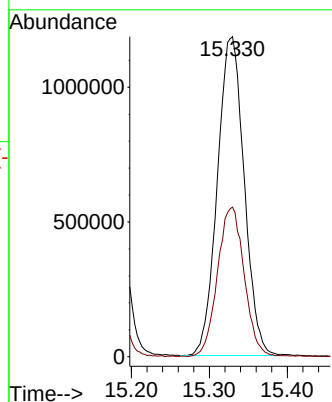
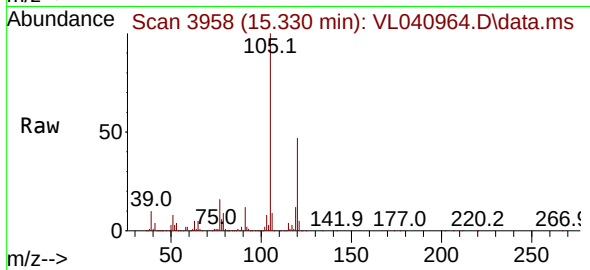
#73
1,3,5-Trimethylbenzene
Concen: 10.410 ppbv
RT: 15.330 min Scan# 3955
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 282614
Ion Ratio Lower Upper
105 100
120 46.8 37.8 56.8

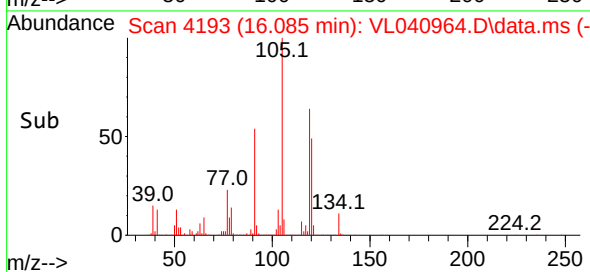
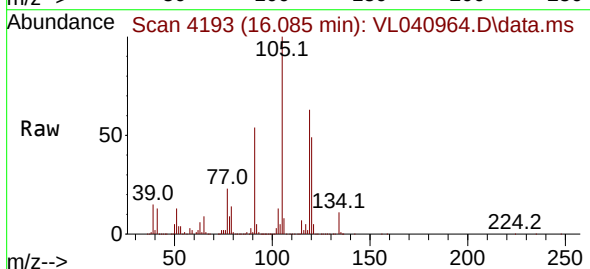
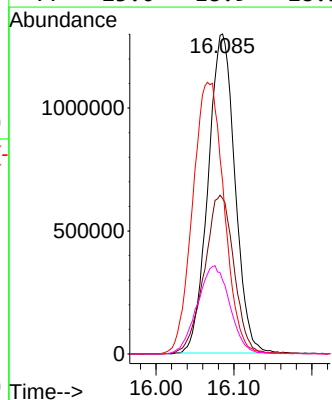
Manual Integrations
APPROVED

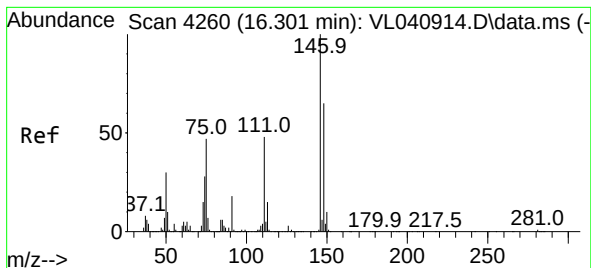
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#74
1,2,4-Trimethylbenzene
Concen: 10.272 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

Tgt Ion:105 Resp: 3103340
Ion Ratio Lower Upper
105 100
120 48.5 40.2 60.4
91 53.9 43.0 64.6
77 23.0 18.9 28.3





#75

1,3-Dichlorobenzene

Concen: 10.457 ppbv

RT: 16.304 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 180458

Ion Ratio Lower Upper

146 100

111 48.9 24.7 74.1

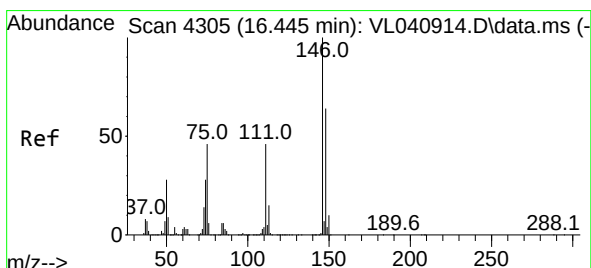
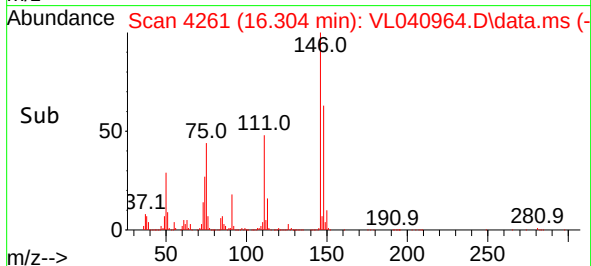
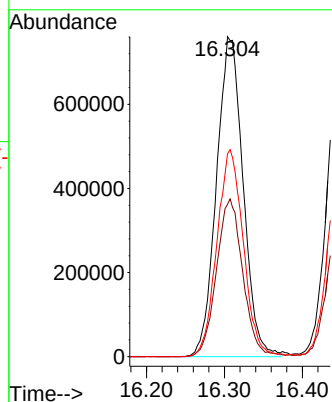
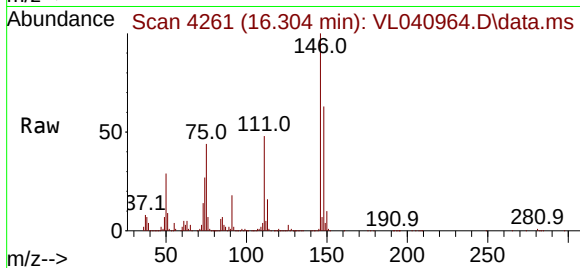
148 64.4 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#76

1,4-Dichlorobenzene

Concen: 10.485 ppbv

RT: 16.449 min Scan# 4306

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

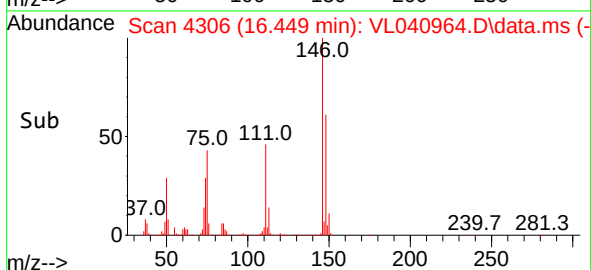
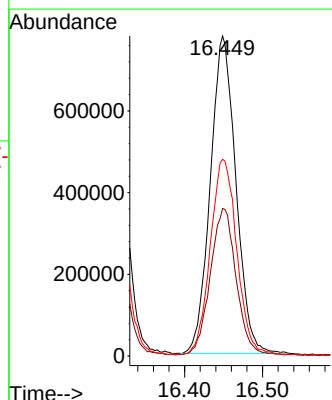
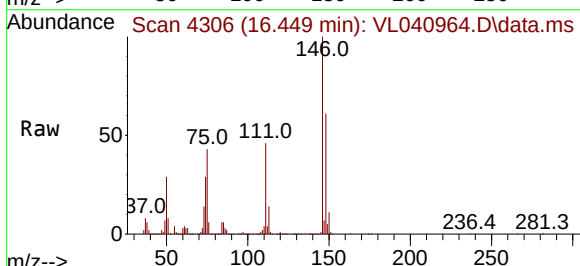
Tgt Ion:146 Resp: 1770145

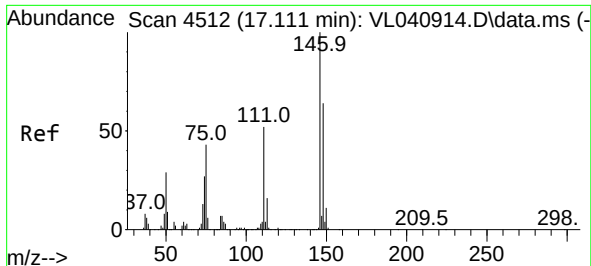
Ion Ratio Lower Upper

146 100

111 47.6 24.1 72.4

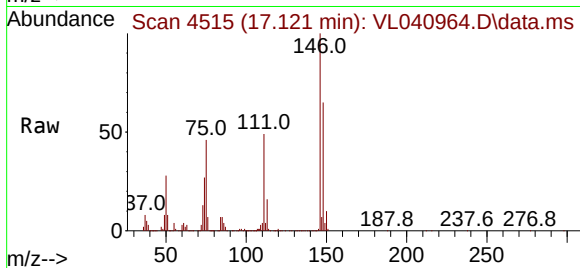
148 65.3 33.2 99.6





#77
1,2-Dichlorobenzene
Concen: 10.386 ppbv
RT: 17.121 min Scan# 4515
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

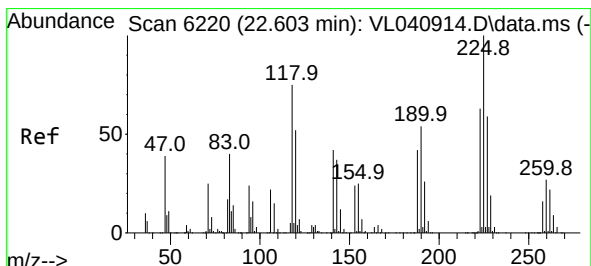
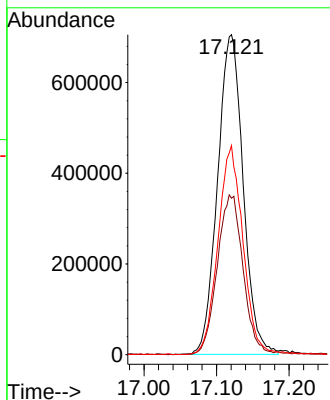
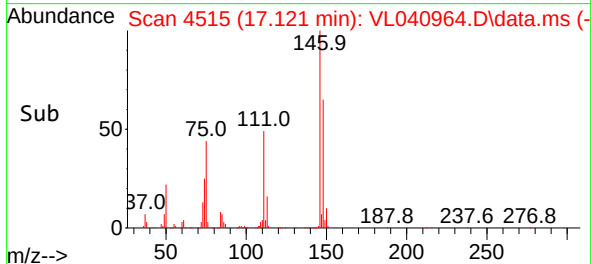
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 1726714
Ion Ratio Lower Upper
146 100
111 51.1 25.5 76.5
148 63.9 32.2 96.6

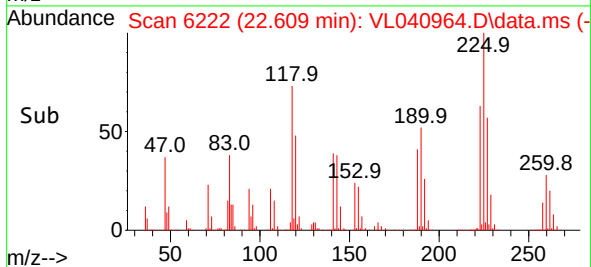
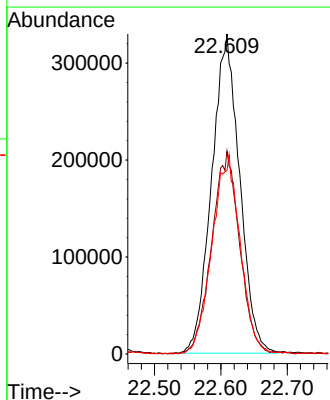
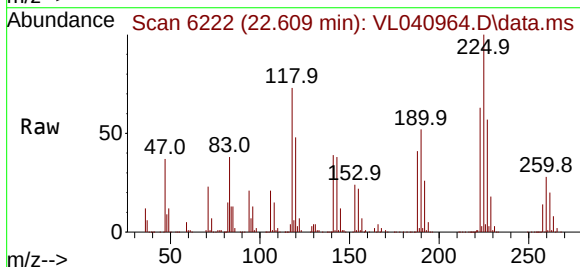
Manual Integrations
APPROVED

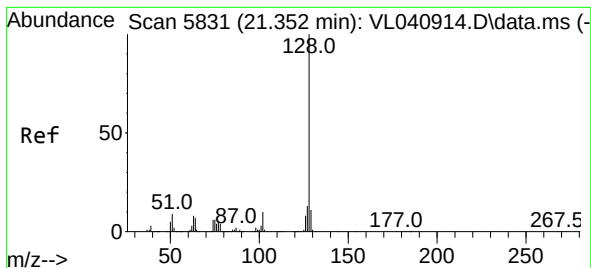
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#78
Hexachloro-1,3-Butadiene
Concen: 9.414 ppbv
RT: 22.609 min Scan# 6222
Delta R.T. 0.000 min
Lab File: VL040964.D
Acq: 15 Jan 2024 10:44

Tgt Ion:225 Resp: 962641
Ion Ratio Lower Upper
225 100
223 64.3 51.5 77.3
227 62.8 51.7 77.5





#79

Naphthalene

Concen: 15.376 ppbv

RT: 21.358 min Scan# 5833

Delta R.T. 0.000 min

Lab File: VL040964.D

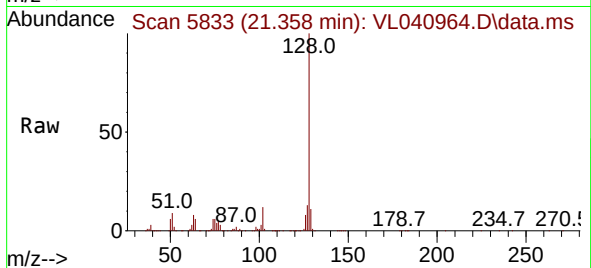
Acq: 15 Jan 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:128 Resp: 223838

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

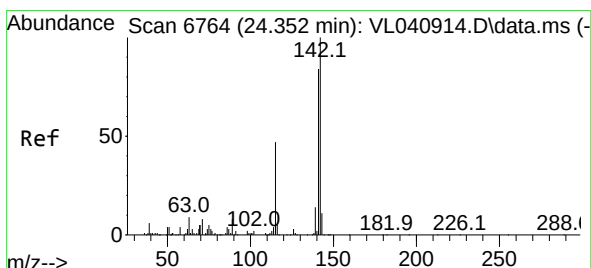
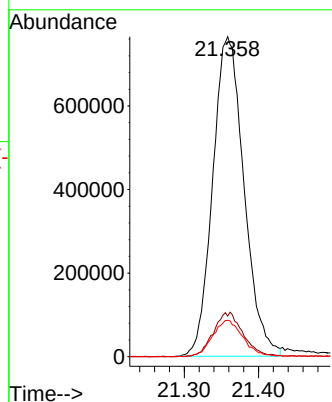
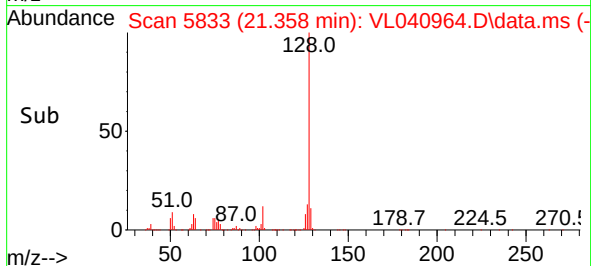
129 11.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#80

Naphthalene,2-methyl-

Concen: 17.770 ppbv

RT: 24.355 min Scan# 6765

Delta R.T. 0.000 min

Lab File: VL040964.D

Acq: 15 Jan 2024 10:44

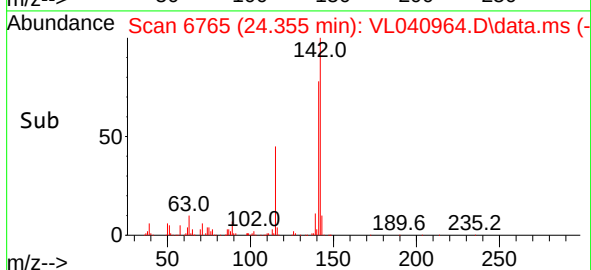
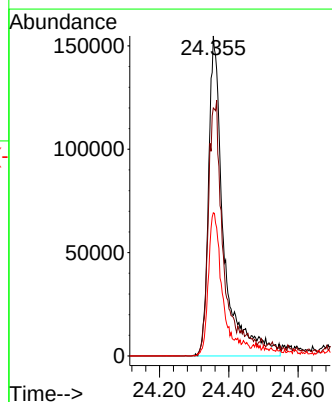
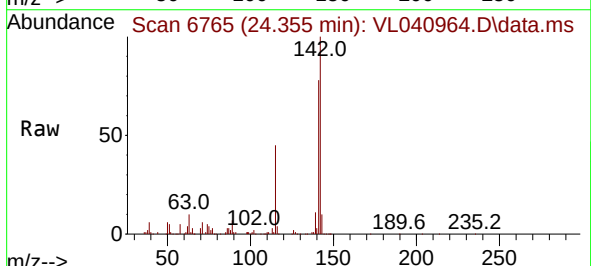
Tgt Ion:142 Resp: 472802

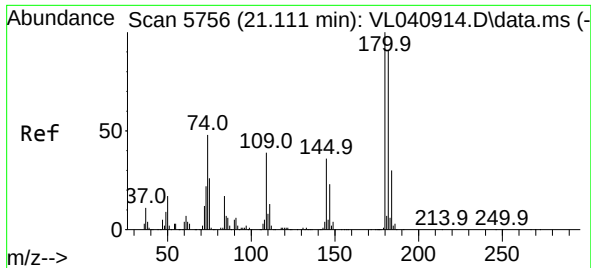
Ion Ratio Lower Upper

142 100

141 84.7 68.5 102.7

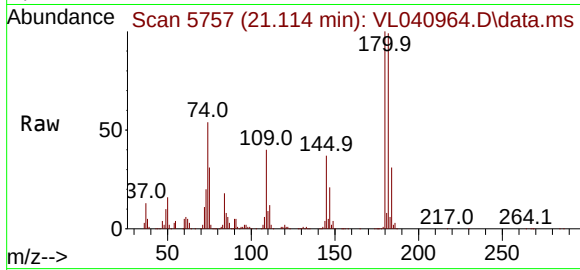
115 42.6 34.5 51.7





#81
 1,2,4-Trichlorobenzene
 Concen: 13.470 ppbv
 RT: 21.114 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL040964.D
 Acq: 15 Jan 2024 10:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1125779
 Ion Ratio Lower Upper
 180 100
 182 97.2 79.4 119.0
 184 31.6 24.5 36.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024

