

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040761.D
 Acq On : 11 Oct 2023 16:45
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101123

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/12/2023
 Supervised By : Mahesh Dadoda 10/16/2023

Quant Time: Oct 11 19:02:02 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Wed Oct 11 16:25:15 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.217	49	1058211	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2941460	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2966203m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2125235 9.737 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.771	85	1803926	9.680	ppbv	98
3) Chlorodifluoromethane	2.716	51	1476677	9.495	ppbv	99
4) Chloromethane	2.854	50	584432	9.517	ppbv	99
5) Vinyl Chloride	2.960	62	605989	9.550	ppbv	96
6) Bromomethane	3.156	94	232276	8.848	ppbv	97
7) Chloroethane	3.234	64	204464	9.898	ppbv	95
8) Dichlorotetrafluoroethane	2.896	85	1385652	9.809	ppbv	98
9) Propene	2.735	41	562125	9.731	ppbv	98
10) Heptane	7.597	43	1370587	9.445	ppbv	100
11) Trichlorofluoromethane	3.597	101	1403611	9.759	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.095	101	980543	9.559	ppbv	100
13) Ethanol	3.275	45	102814	8.174	ppbv	94
14) Bromoethene	3.401	108	440680	10.031	ppbv	98
15) Acetone	3.504	43	988227	9.033	ppbv	99
16) 1,3-Butadiene	3.025	39	579705	10.101	ppbv	99
17) tert-Butyl alcohol	3.909	59	1201570	10.712	ppbv	99
18) 1,1-Dichloroethene	3.912	96	450046	9.789	ppbv	96
19) Isopropyl Alcohol	3.607	45	748874	10.634	ppbv #	39
20) Methylene Chloride	3.964	84	376574	8.264	ppbv	96
21) Allyl Chloride	4.028	41	695709	9.643	ppbv	100
22) trans-1,2-Dichloroethene	4.472	96	477722	9.763	ppbv	99
23) Vinyl Acetate	4.652	43	1211686	8.691	ppbv	99
24) 1,1-Dichloroethane	4.590	63	978624	9.307	ppbv	99
25) Ethyl Acetate	5.227	43	2263497	9.443	ppbv	99
26) Hexane	5.237	57	1013066	9.248	ppbv	99
27) Carbon Disulfide	4.153	76	1173116	9.705	ppbv	98
28) Methyl tert-Butyl Ether	4.613	73	779338	9.148	ppbv	99
29) Chloroform	5.298	83	1530886	9.658	ppbv	99
30) Cyclohexane	6.623	84	889680	9.544	ppbv	99
31) cis-1,2-Dichloroethene	5.105	61	1004787	9.953	ppbv	97
32) 1,1,1-Trichloroethane	6.025	97	1568557	9.297	ppbv	99
34) 2-Butanone	4.812	43	1363646	10.242	ppbv	97
35) Carbon Tetrachloride	6.513	117	1639275	9.929	ppbv	96
36) Benzene	6.388	78	2181147	9.640	ppbv	97
37) 1,2-Dichloroethane	5.832	62	1154402	9.963	ppbv	100
38) Trichloroethene	7.311	130	844754	8.437	ppbv	97
39) 1,2-Dichloropropane	7.092	63	842344	9.530	ppbv	99
40) 1,4-Dioxane	7.301	88	353468	10.567	ppbv #	95
41) Tetrahydrofuran	5.578	42	898673	9.747	ppbv	98
42) Bromodichloromethane	7.269	83	1727848	9.954	ppbv	100
43) Methyl Methacrylate	7.491	69	895957	9.893	ppbv	98
44) 2,2,4-Trimethylpentane	7.343	57	3562095	9.310	ppbv	100
45) t-1,3-Dichloropropene	8.725	75	663097	9.182	ppbv	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

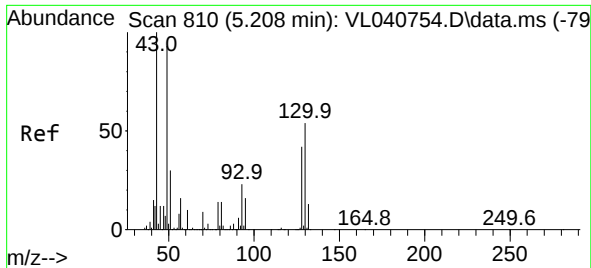
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Wed Oct 11 16:25:15 2023

Response via : Initial Calibration

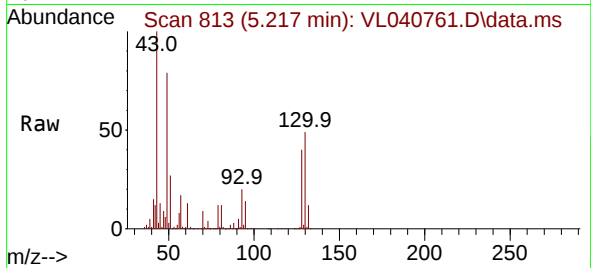
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.159	75	778441	8.823	ppbv	97
47) 1,1,2-Trichloroethane	8.912	97	885595	9.538	ppbv	97
48) Dibromochloromethane	9.722	129	1580287	10.156	ppbv	100
49) Bromoform	12.417	173	1321649	10.449	ppbv	100
50) 4-Methyl-2-Pentanone	8.195	43	2255211	9.901	ppbv	99
51) 2-Hexanone	9.565	43	1694470	9.775	ppbv #	99
52) Tetrachloroethene	10.629	164	827075	9.000	ppbv	97
53) Toluene	9.237	91	2548669	9.465	ppbv	99
54) 1,2-Dibromoethane	10.021	107	1263716	9.709	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.519	131	1123036	9.277	ppbv	95
57) Chlorobenzene	11.536	112	1950604	9.178	ppbv	98
58) Ethyl Benzene	12.098	91	3373967	9.034	ppbv	100
59) m/p-Xylene	12.381	91	5543929m	18.036	ppbv	
60) o-Xylene	13.072	91	2619599	8.944	ppbv	100
61) Styrene	12.905	104	1541469	9.499	ppbv	99
62) Isopropylbenzene	14.037	105	4009173	8.898	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.056	83	1852551	8.437	ppbv	99
64) n-propylbenzene	14.925	120	1108047	9.155	ppbv	100
65) tert-Butylbenzene	16.098	119	3541064	8.714	ppbv	99
66) Benzyl Chloride	16.336	91	300841	7.348	ppbv	98
67) sec-Butylbenzene	16.641	105	4906427	8.818	ppbv	100
69) p-Isopropyltoluene	17.002	119	4145117	8.891	ppbv	99
70) n-Butylbenzene	17.892	91	4111100	8.980	ppbv	99
71) 2-Chlorotoluene	14.809	91	3050025	9.012	ppbv	100
72) 4-Ethyltoluene	15.201	105	3252920	9.484	ppbv	99
73) 1,3,5-Trimethylbenzene	15.359	105	2774146	9.187	ppbv	99
74) 1,2,4-Trimethylbenzene	16.117	105	2952224	8.948	ppbv	98
75) 1,3-Dichlorobenzene	16.339	146	1879432	9.160	ppbv	100
76) 1,4-Dichlorobenzene	16.484	146	1851420	9.111	ppbv	99
77) 1,2-Dichlorobenzene	17.149	146	1803349	8.957	ppbv	100
78) Hexachloro-1,3-Butadiene	22.641	225	1120908	8.348	ppbv	99
79) Naphthalene	21.390	128	2793826	10.418	ppbv	97
80) Naphthalene,2-methyl-	24.381	142	891412m	11.845	ppbv	
81) 1,2,4-Trichlorobenzene	21.149	180	1388866	10.835	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.217 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL040761.D
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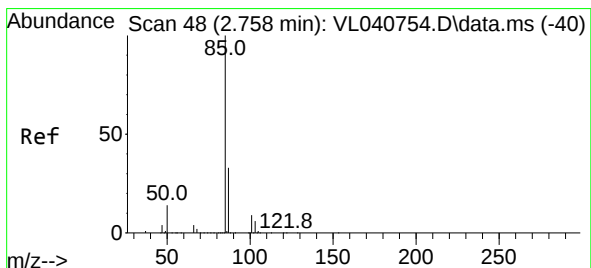
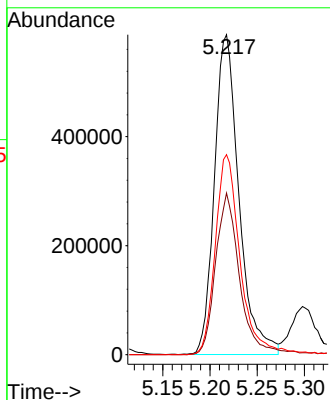
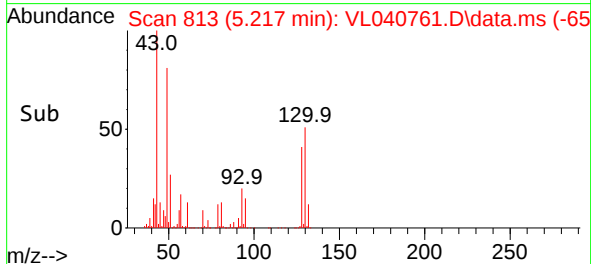
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



Tgt Ion: 49 Resp: 105821
Ion Ratio Lower Upper
49 100
128 50.4 23.9 71.7
130 64.0 30.7 92.1

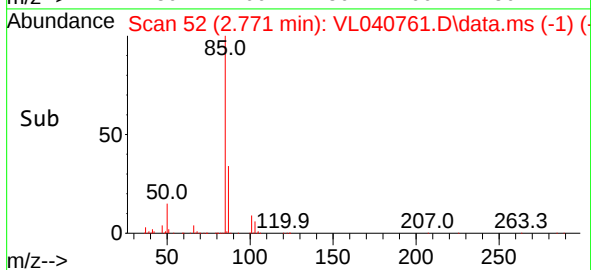
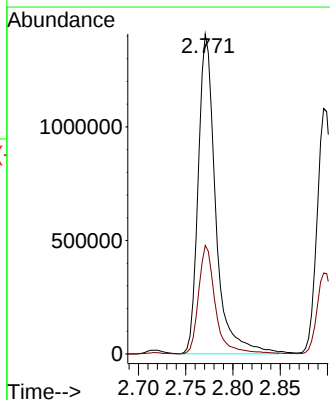
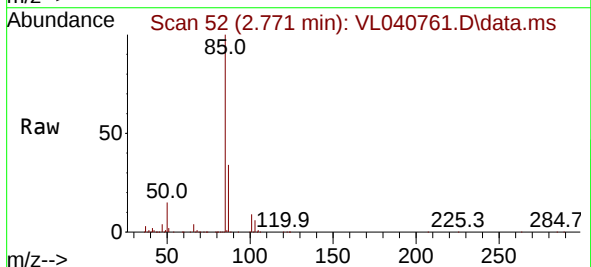
Manual Integrations
APPROVED

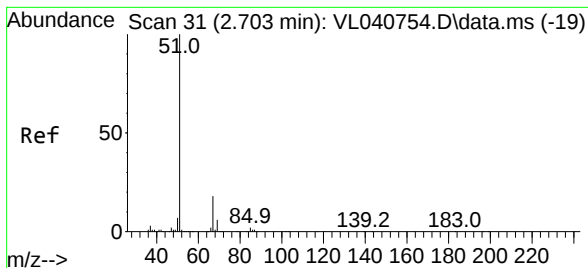
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#2
Dichlorodifluoromethane
Concen: 9.680 ppbv
RT: 2.771 min Scan# 52
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

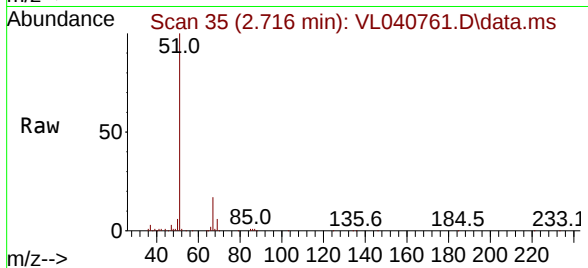
Tgt Ion: 85 Resp: 1803926
Ion Ratio Lower Upper
85 100
87 33.9 26.0 39.0





#3
Chlorodifluoromethane
Concen: 9.495 ppbv
RT: 2.716 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

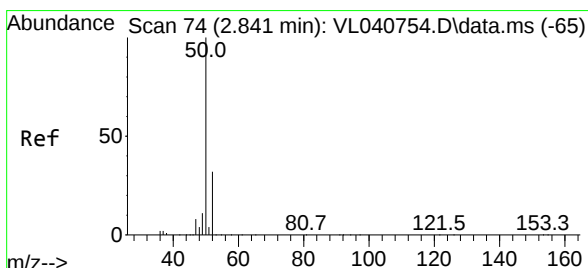
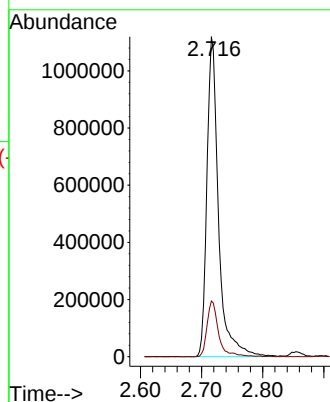
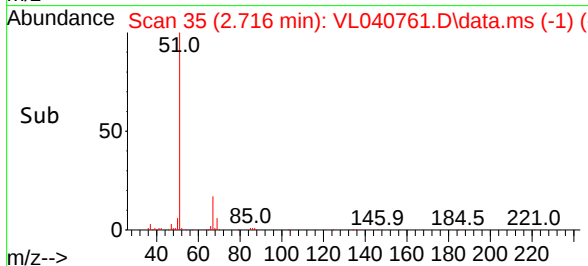
Instrument :
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ClientSampleId :
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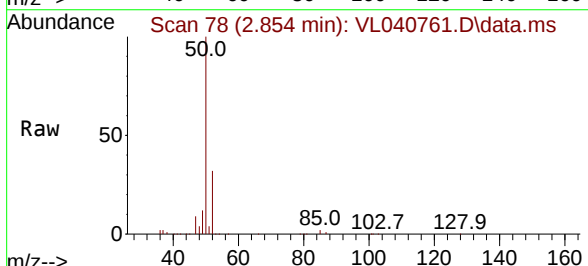
Tgt Ion: 51 Resp: 147667
Ion Ratio Lower Upper
51 100
67 17.4 13.8 20.6

Manual Integrations
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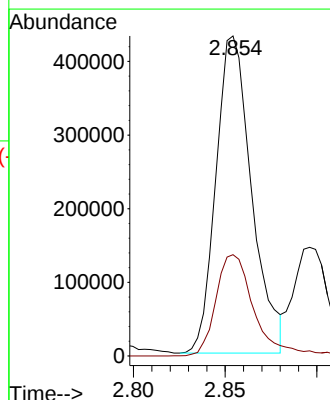
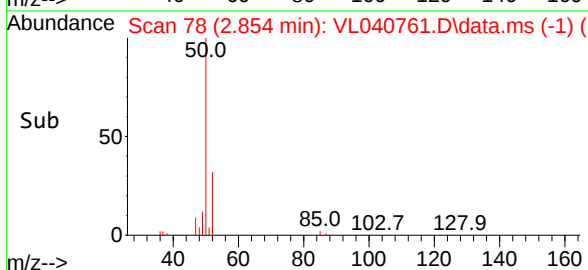
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

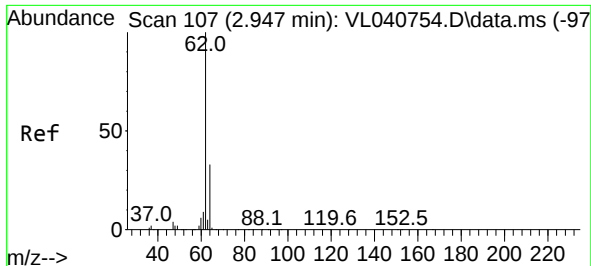


#4
Chloromethane
Concen: 9.517 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45



Tgt Ion: 50 Resp: 584432
Ion Ratio Lower Upper
50 100
52 31.9 25.3 37.9





#5
 Vinyl Chloride
 Concen: 9.550 ppbv
 RT: 2.960 min Scan# 111
 Delta R.T. 0.013 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :

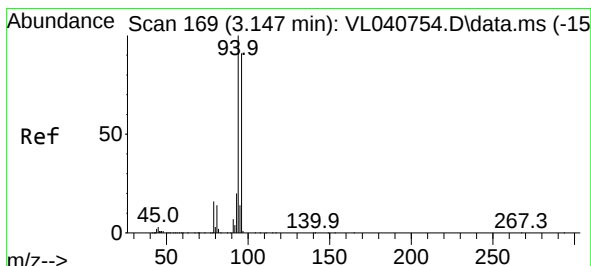
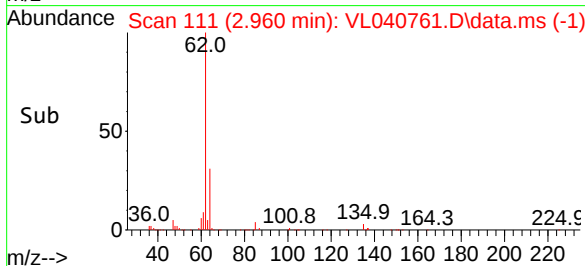
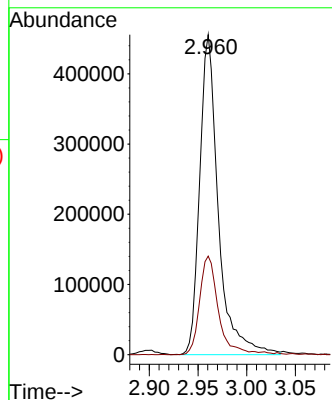
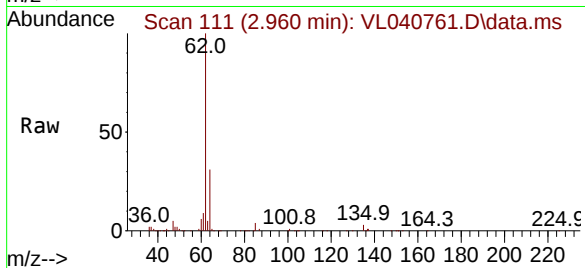
ICVVL101123

Tgt Ion: 62 Resp: 605989
 Ion Ratio Lower Upper
 62 100
 64 30.7 26.6 39.8

Manual Integrations

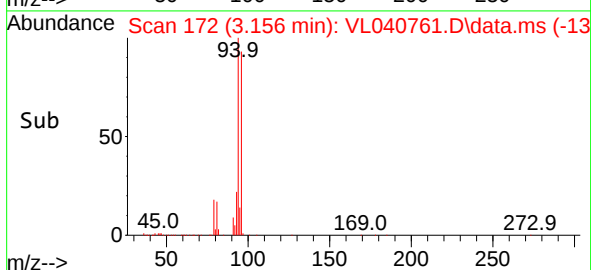
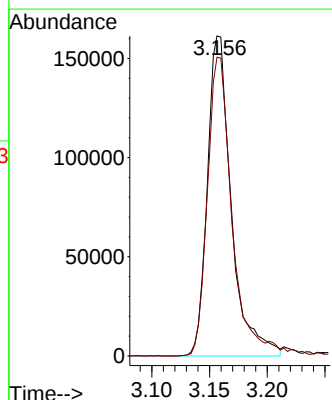
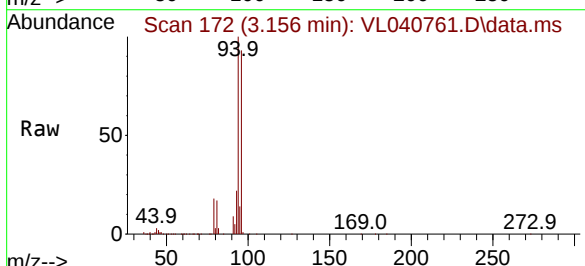
APPROVED

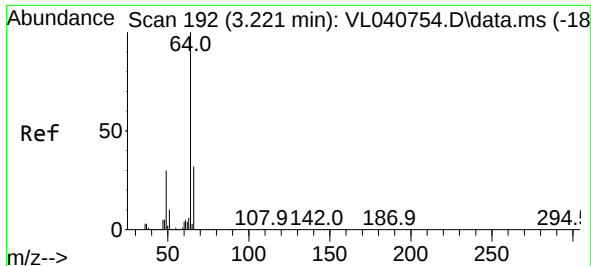
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#6
 Bromomethane
 Concen: 8.848 ppbv
 RT: 3.156 min Scan# 172
 Delta R.T. 0.010 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

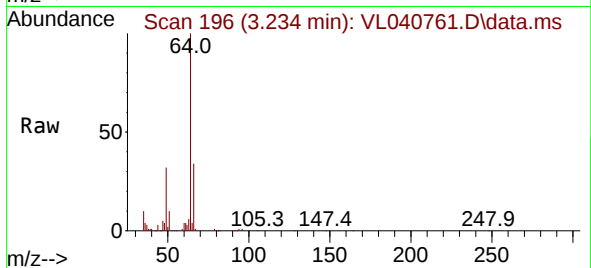
Tgt Ion: 94 Resp: 232276
 Ion Ratio Lower Upper
 94 100
 96 93.3 72.6 109.0





#7
Chloroethane
Concen: 9.898 ppbv
RT: 3.234 min Scan# 19
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

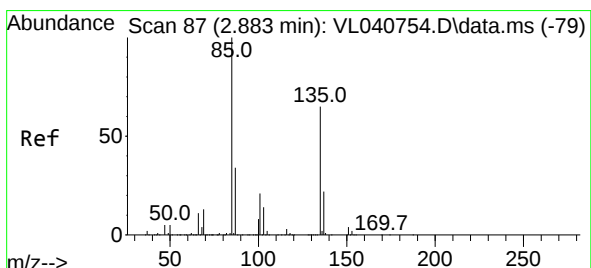
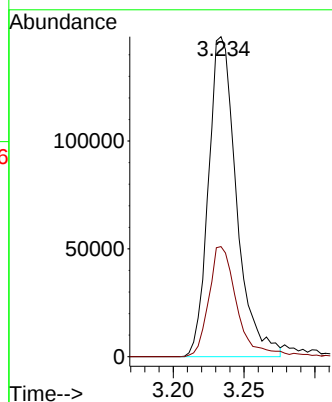
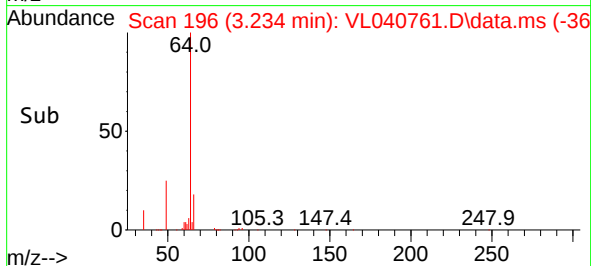
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



Tgt Ion: 64 Resp: 204464
Ion Ratio Lower Upper
64 100
66 34.4 25.4 38.2

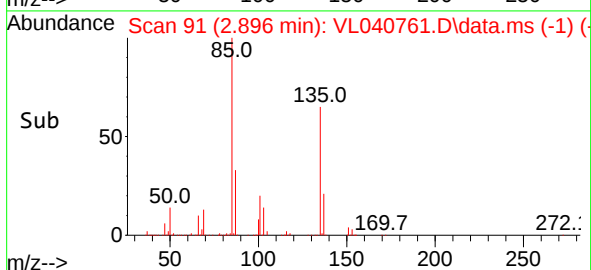
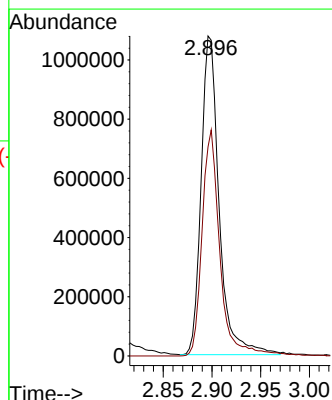
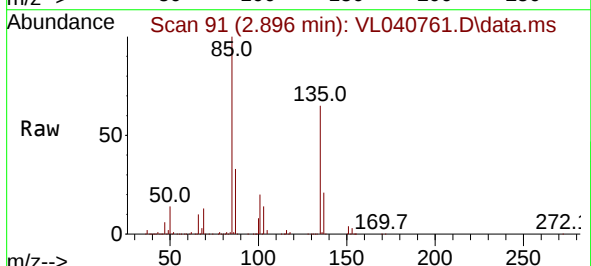
Manual Integrations
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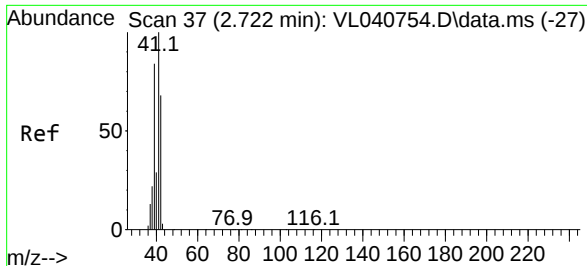
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#8
Dichlorotetrafluoroethane
Concen: 9.809 ppbv
RT: 2.896 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

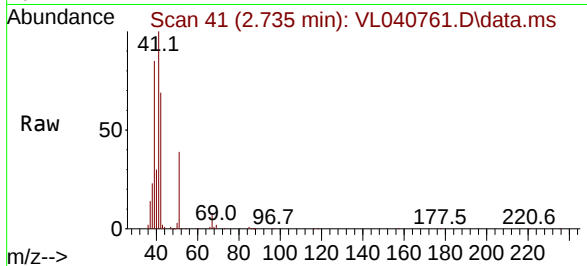
Tgt Ion: 85 Resp: 1385652
Ion Ratio Lower Upper
85 100
135 70.6 55.4 83.2





#9
 Propene
 Concen: 9.731 ppbv
 RT: 2.735 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

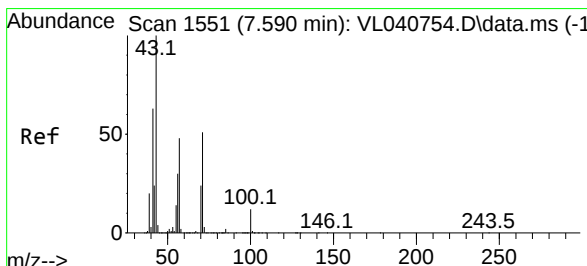
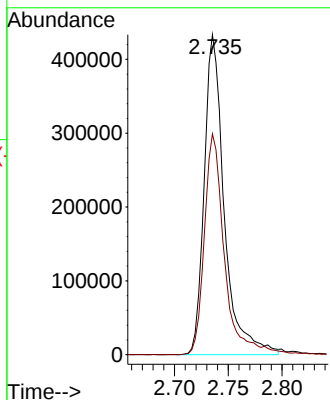
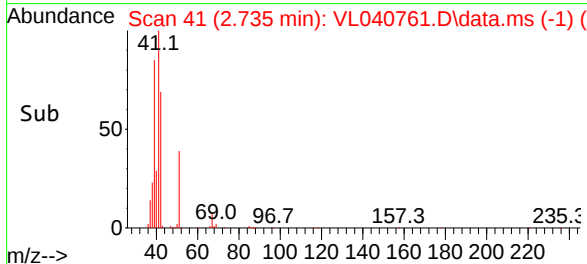
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101123



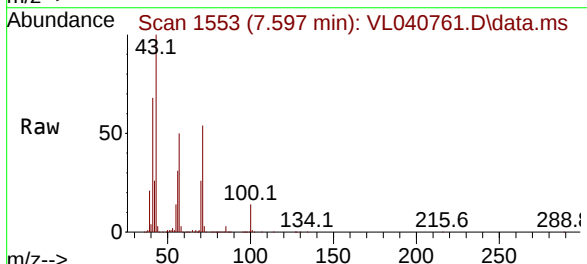
Tgt Ion: 41 Resp: 562125
 Ion Ratio Lower Upper
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 42 69.8 57.1 85.7

Manual Integrations
 APPROVED

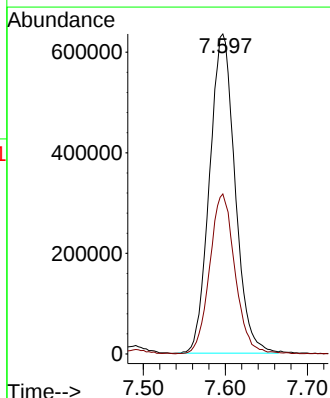
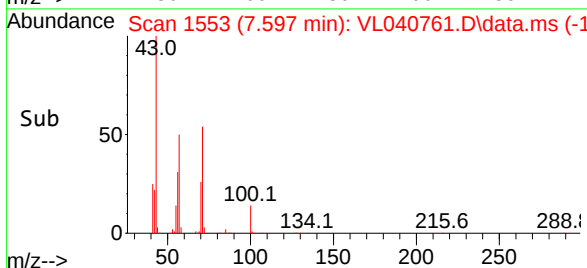
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

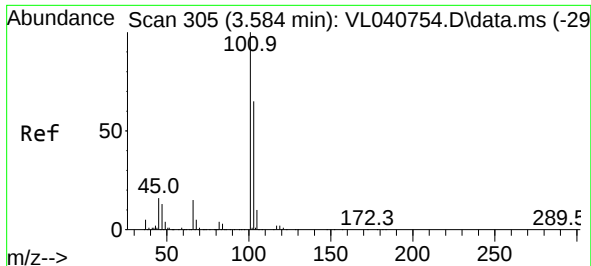


#10
 Heptane
 Concen: 9.445 ppbv
 RT: 7.597 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45



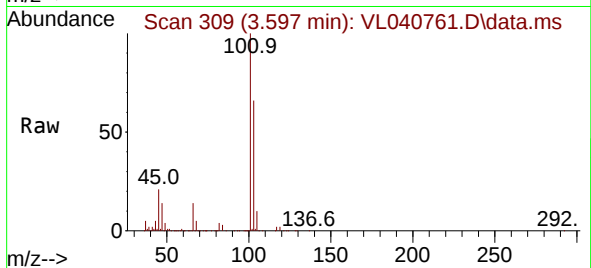
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 Ion Ratio Lower Upper
 43 100
 57 49.7 40.0 60.0





#11
 Trichlorofluoromethane
 Concen: 9.759 ppbv
 RT: 3.597 min Scan# 305
 Delta R.T. 0.013 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

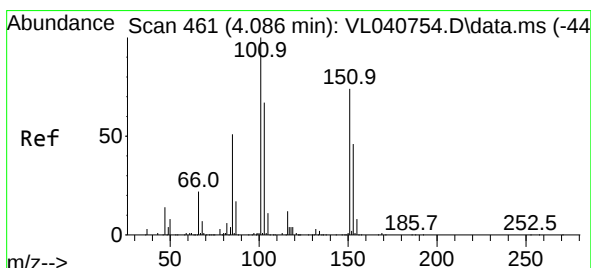
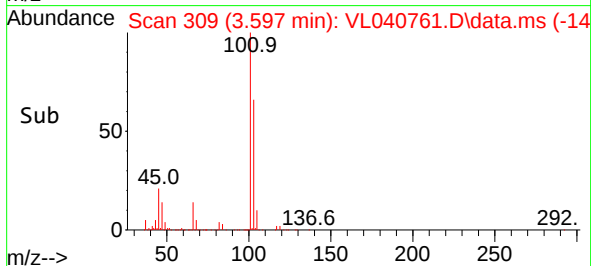
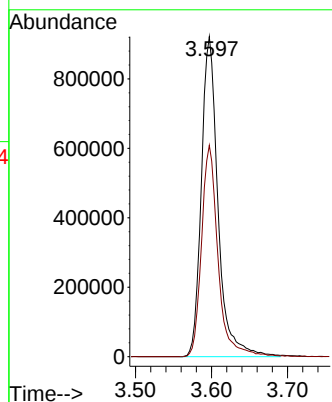
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101123



Tgt Ion:101 Resp: 140361
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.2 78.2

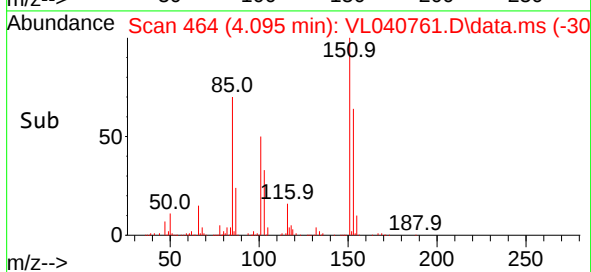
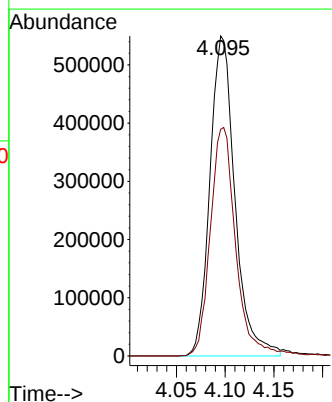
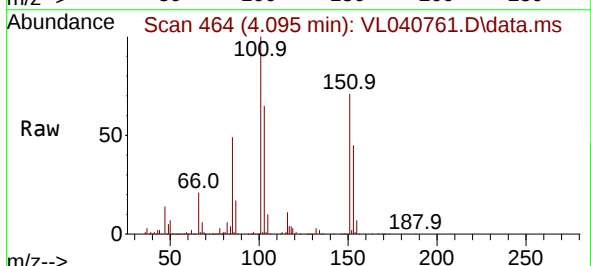
Manual Integrations
 APPROVED

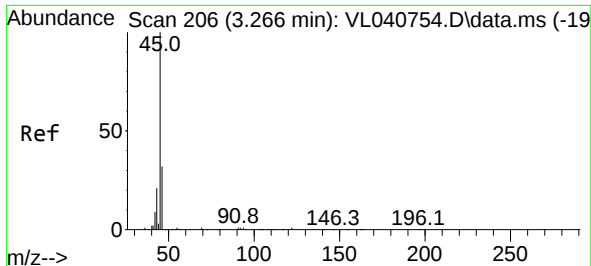
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.559 ppbv
 RT: 4.095 min Scan# 464
 Delta R.T. 0.010 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

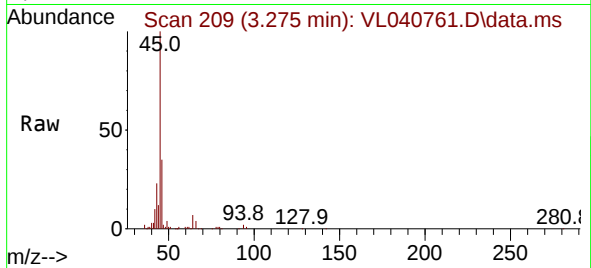
Tgt Ion:101 Resp: 980543
 Ion Ratio Lower Upper
 101 100
 151 72.9 58.1 87.1





#13
Ethanol
Concen: 8.174 ppbv
RT: 3.275 min Scan# 206
Delta R.T. 0.010 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

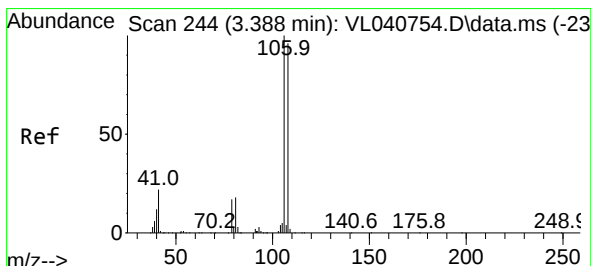
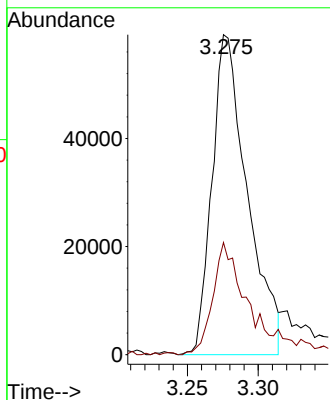
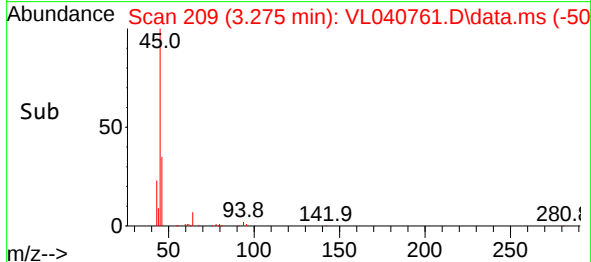
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



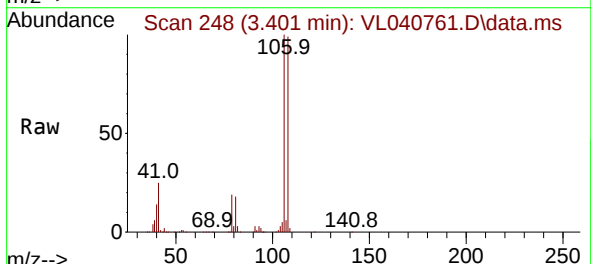
Tgt Ion: 45 Resp: 102814
Ion Ratio Lower Upper
45 100
46 39.7 14.6 58.2

Manual Integrations
APPROVED

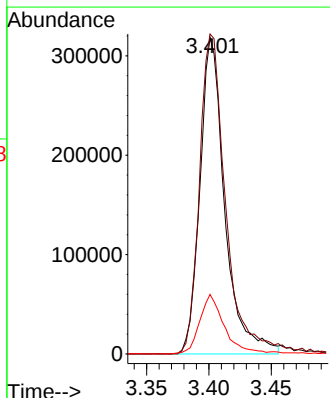
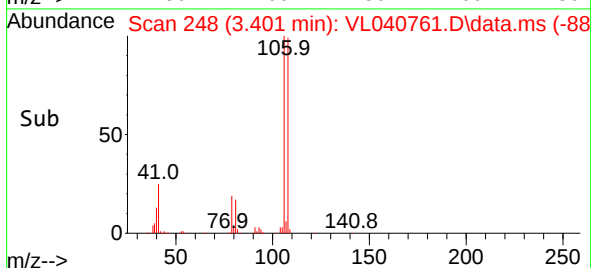
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

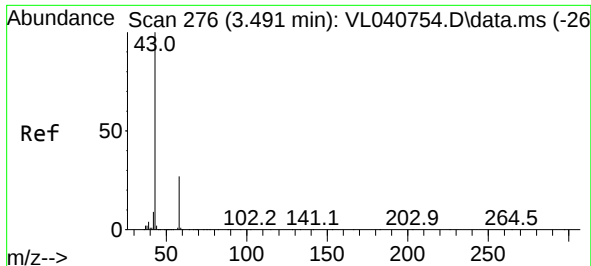


#14
Bromoethene
Concen: 10.031 ppbv
RT: 3.401 min Scan# 248
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45



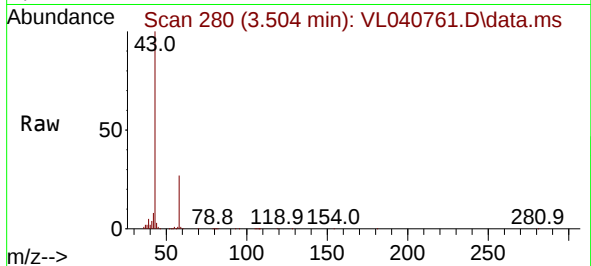
Tgt Ion:108 Resp: 440680
Ion Ratio Lower Upper
108 100
106 109.0 85.2 127.8
79 19.4 15.7 23.5





#15
Acetone
Concen: 9.033 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

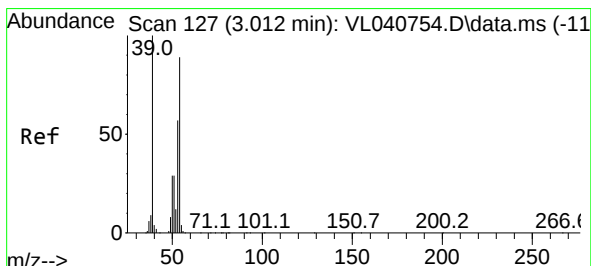
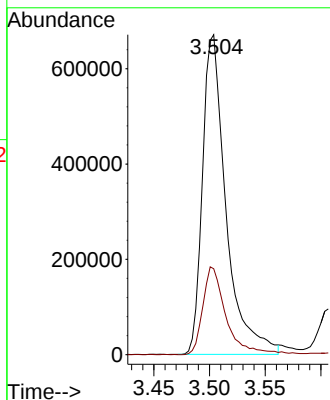
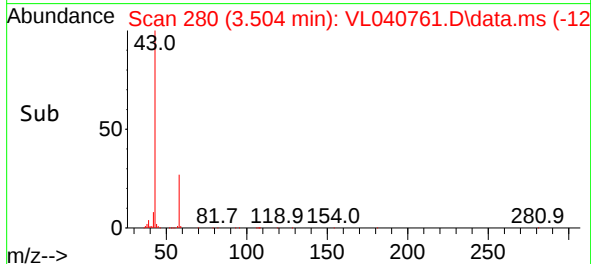
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



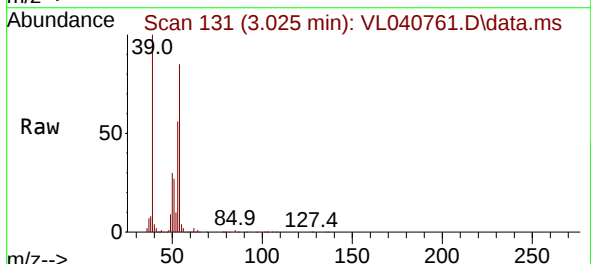
Tgt Ion: 43 Resp: 98822
Ion Ratio Lower Upper
43 100
58 27.4 21.6 32.4

Manual Integrations
APPROVED

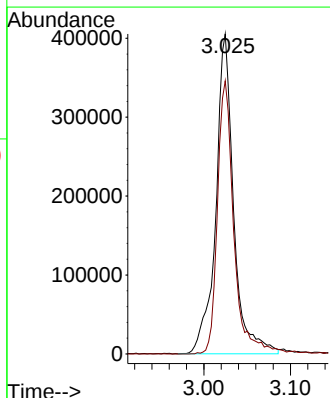
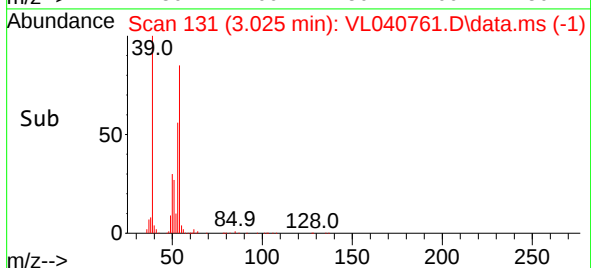
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

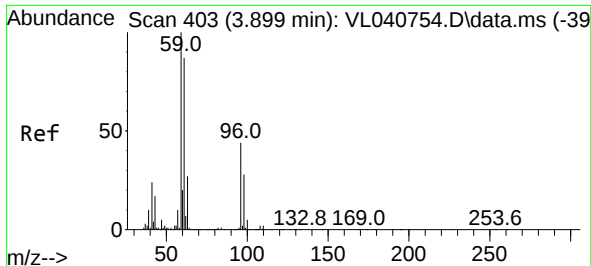


#16
1,3-Butadiene
Concen: 10.101 ppbv
RT: 3.025 min Scan# 131
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45



Tgt Ion: 39 Resp: 579705
Ion Ratio Lower Upper
39 100
54 79.4 63.0 94.6





#17

tert-Butyl alcohol

Concen: 10.712 ppbv

RT: 3.909 min Scan# 406

Delta R.T. 0.010 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101123

Tgt Ion: 59 Resp: 1201570

Ion Ratio Lower Upper

59 100

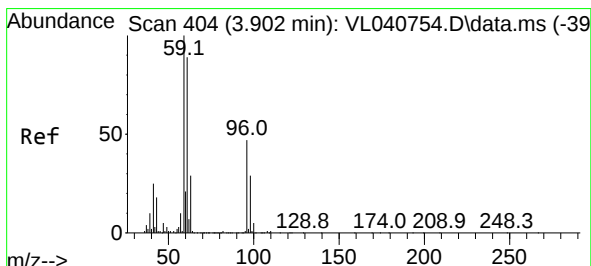
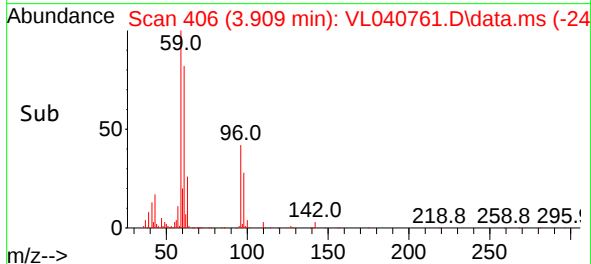
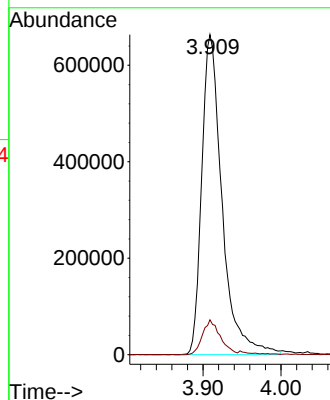
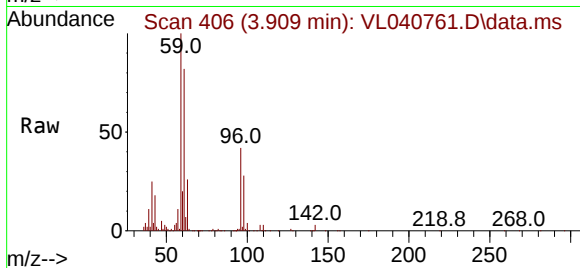
57 10.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#18

1,1-Dichloroethene

Concen: 9.789 ppbv

RT: 3.912 min Scan# 407

Delta R.T. 0.010 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

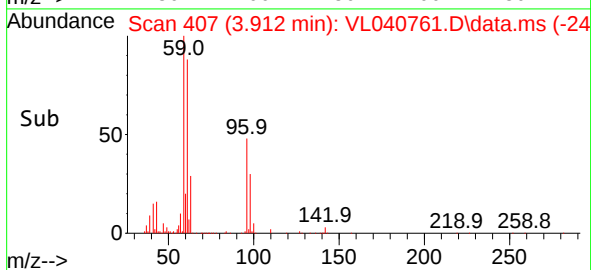
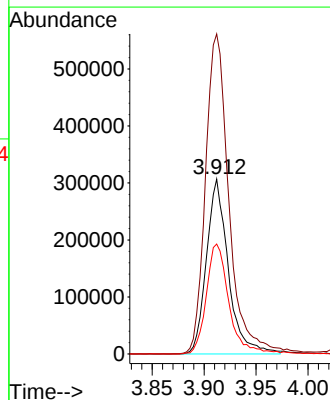
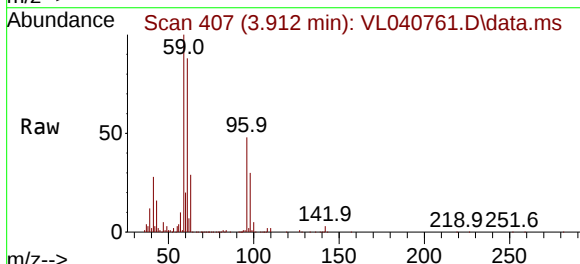
Tgt Ion: 96 Resp: 450046

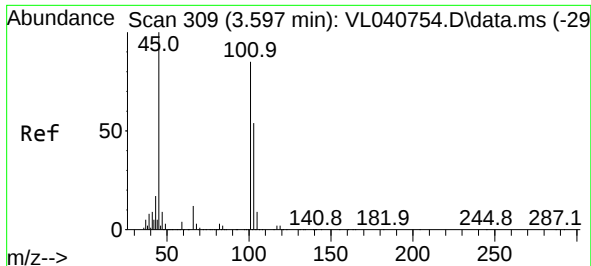
Ion Ratio Lower Upper

96 100

61 182.8 152.5 228.7

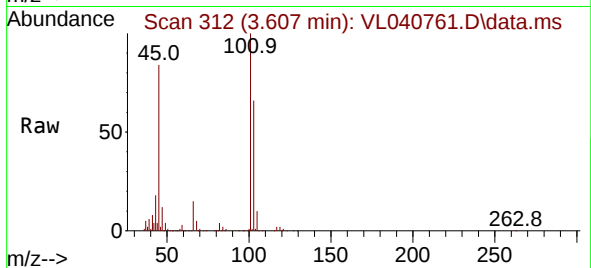
98 62.9 49.6 74.4





#19
Isopropyl Alcohol
Concen: 10.634 ppbv
RT: 3.607 min Scan# 312
Delta R.T. 0.010 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

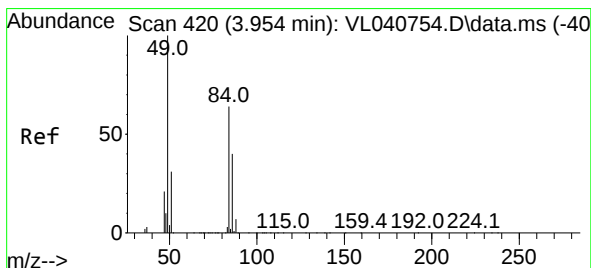
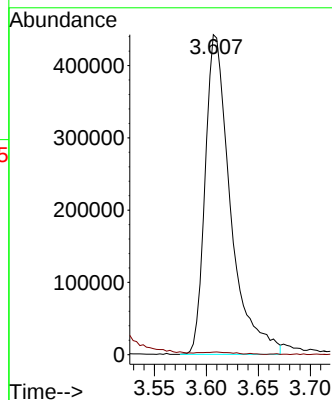
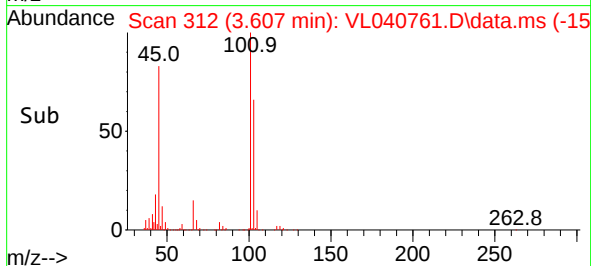
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



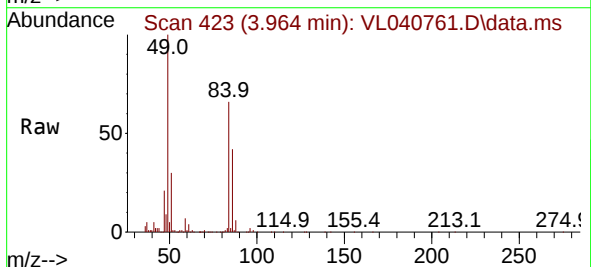
Tgt Ion: 45 Resp: 748874
Ion Ratio Lower Upper
45 100
58 1.4 30.3 45.5

Manual Integrations
APPROVED

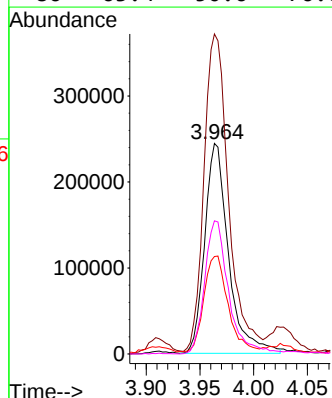
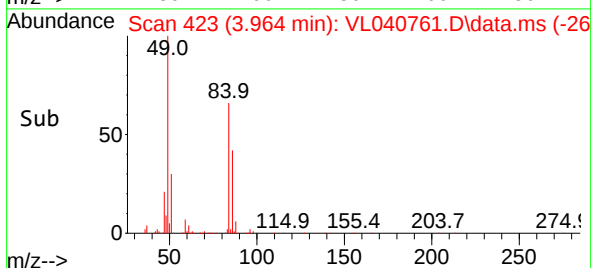
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

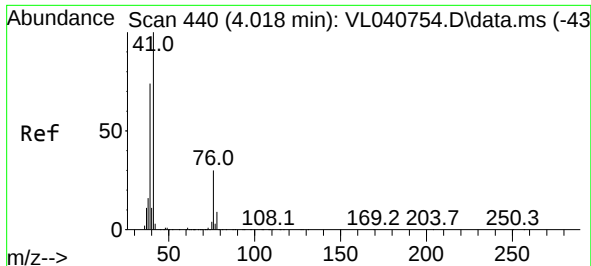


#20
Methylene Chloride
Concen: 8.264 ppbv
RT: 3.964 min Scan# 423
Delta R.T. 0.010 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45



Tgt Ion: 84 Resp: 376574
Ion Ratio Lower Upper
84 100
49 151.0 125.6 188.4
51 45.2 38.9 58.3
86 63.4 50.6 76.0





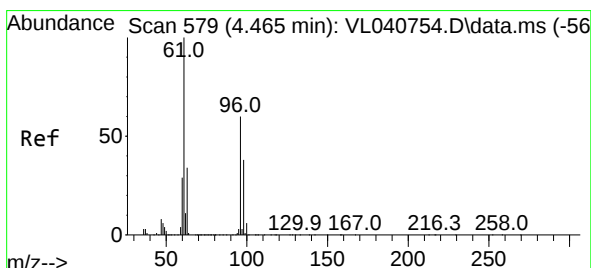
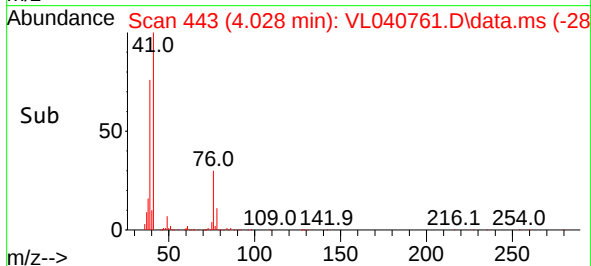
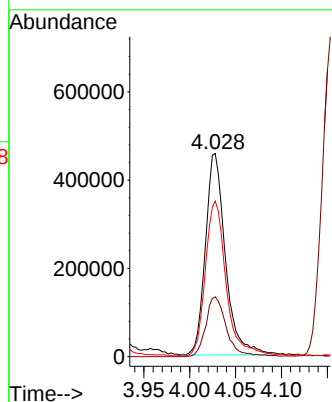
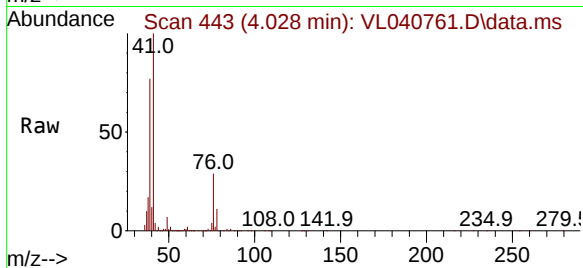
#21
 Allyl Chloride
 Concen: 9.643 ppbv
 RT: 4.028 min Scan# 440
 Delta R.T. 0.010 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101123

Tgt Ion: 41 Resp: 695709
 Ion Ratio Lower Upper
 41 100
 76 30.8 24.1 36.1
 39 79.9 63.8 95.6

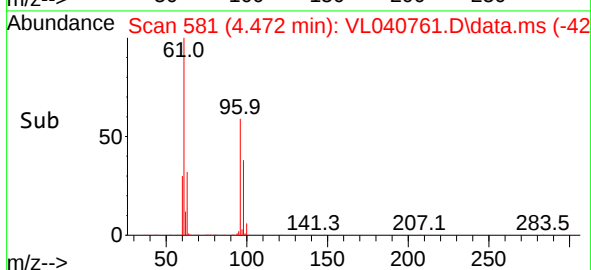
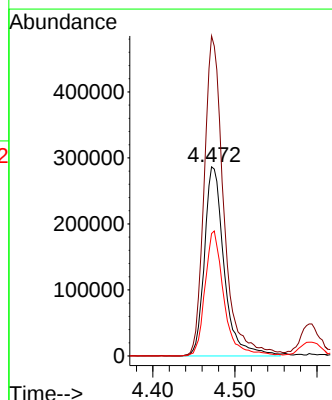
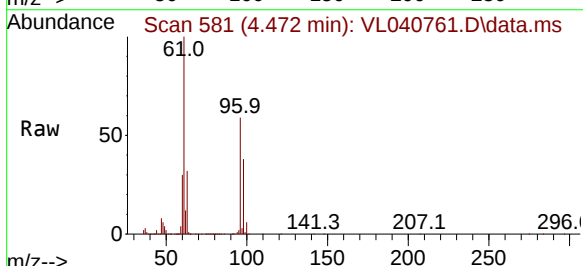
Manual Integrations
 APPROVED

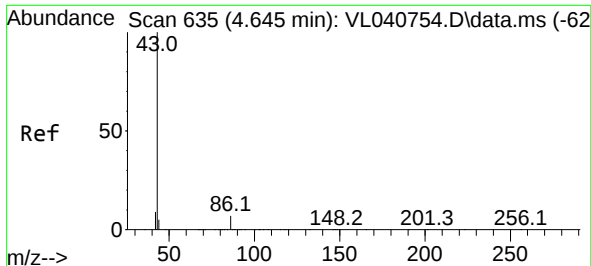
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.763 ppbv
 RT: 4.472 min Scan# 581
 Delta R.T. 0.006 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

Tgt Ion: 96 Resp: 477722
 Ion Ratio Lower Upper
 96 100
 61 169.1 134.0 201.0
 98 64.7 51.0 76.4





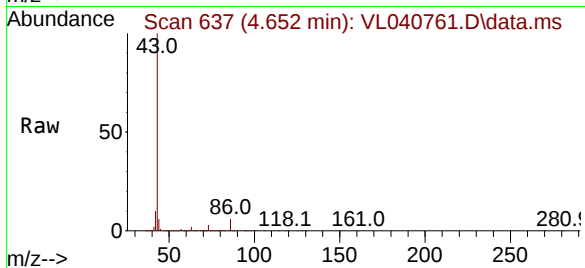
#23
 Vinyl Acetate
 Concen: 8.691 ppbv
 RT: 4.652 min Scan# 618
 Delta R.T. 0.006 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101123

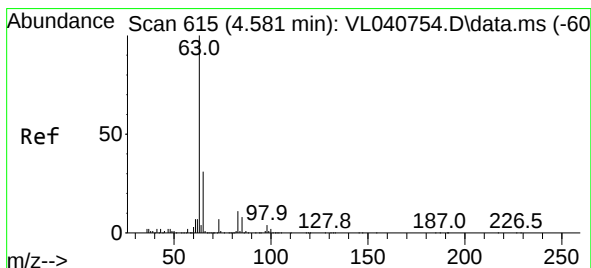
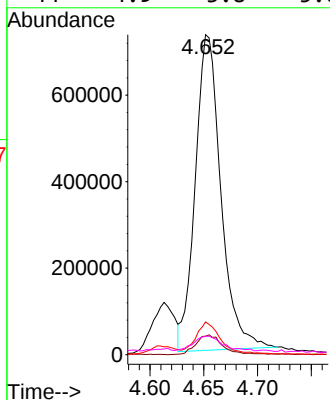
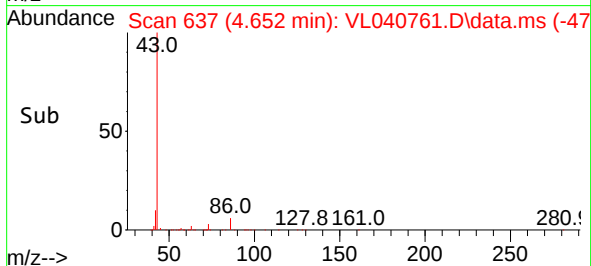


Tgt Ion: 43 Resp: 1211680
 Ion Ratio Lower Upper
 43 100
 86 5.7 4.9 7.3
 42 10.2 7.8 11.6
 44 4.9 3.8 5.6

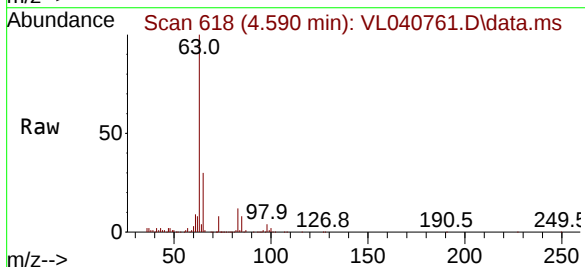
Manual Integrations

APPROVED

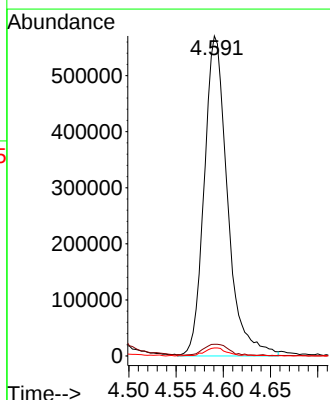
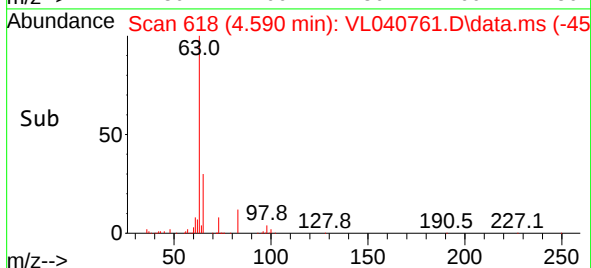
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

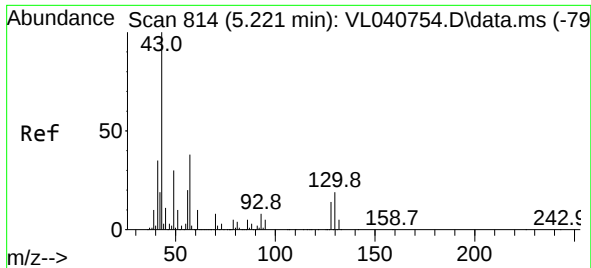


#24
 1,1-Dichloroethane
 Concen: 9.307 ppbv
 RT: 4.590 min Scan# 618
 Delta R.T. 0.010 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45



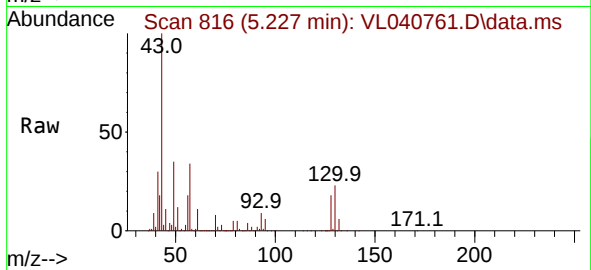
Tgt Ion: 63 Resp: 978624
 Ion Ratio Lower Upper
 63 100
 98 3.5 2.0 5.8
 100 2.4 1.3 3.8





#25
Ethyl Acetate
Concen: 9.443 ppbv
RT: 5.227 min Scan# 814
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

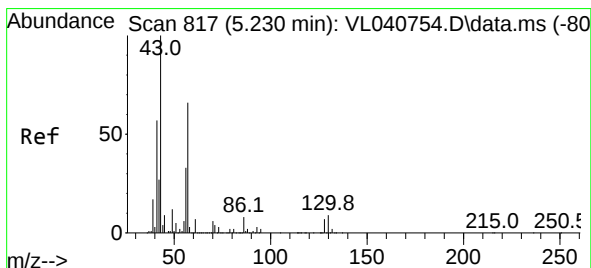
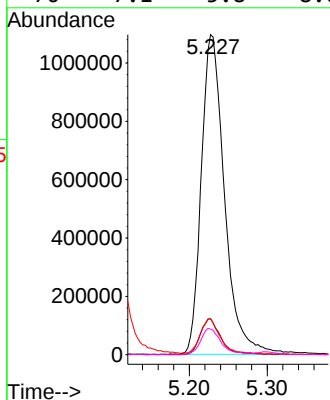
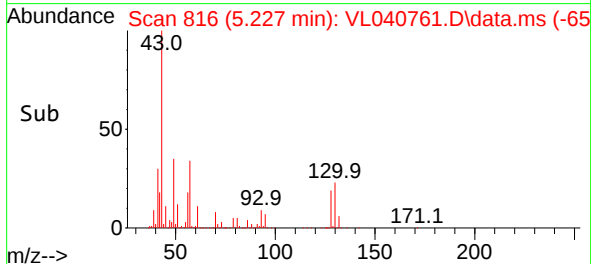
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



Tgt Ion: 43 Resp: 226349
Ion Ratio Lower Upper
43 100
45 10.0 8.2 12.4
61 10.1 8.2 12.2
70 7.1 5.8 8.6

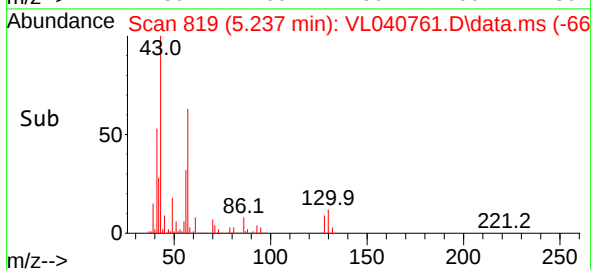
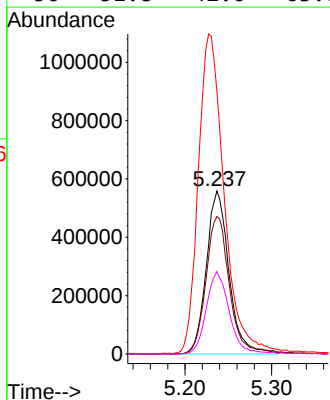
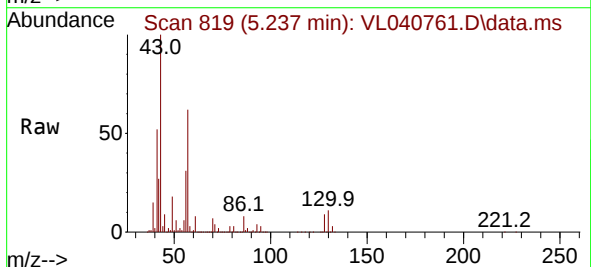
Manual Integrations
APPROVED

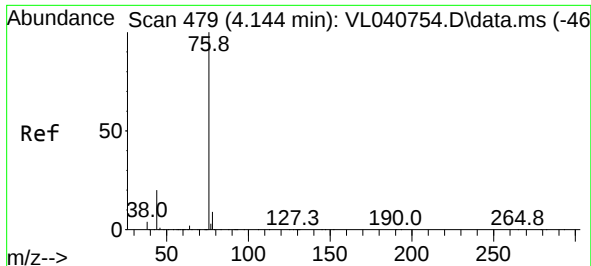
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#26
Hexane
Concen: 9.248 ppbv
RT: 5.237 min Scan# 819
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

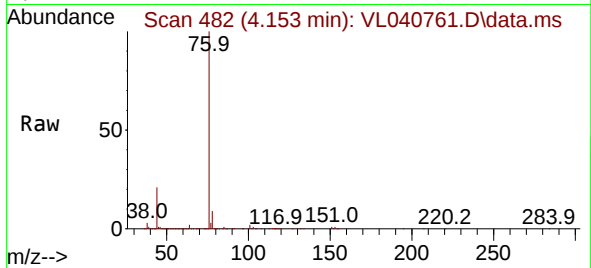
Tgt Ion: 57 Resp: 1013066
Ion Ratio Lower Upper
57 100
41 88.7 71.4 107.2
43 226.3 182.3 273.5
56 51.8 42.0 63.0





#27
Carbon Disulfide
Concen: 9.705 ppbv
RT: 4.153 min Scan# 411
Delta R.T. 0.010 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

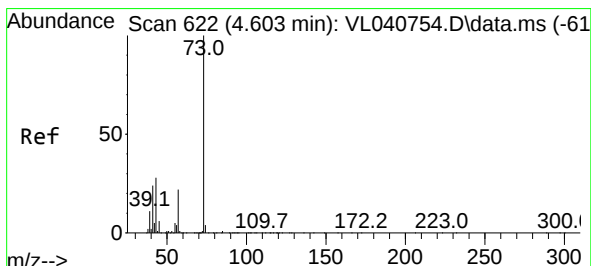
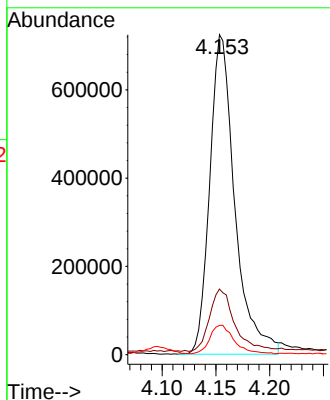
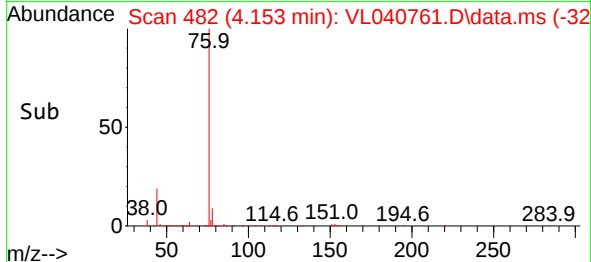
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



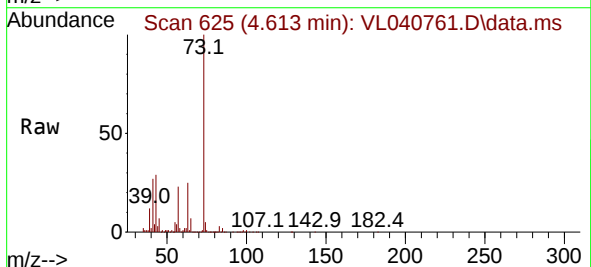
Tgt Ion: 76 Resp: 1173110
Ion Ratio Lower Upper
76 100
44 19.8 16.6 25.0
78 10.2 7.8 11.6

Manual Integrations
APPROVED

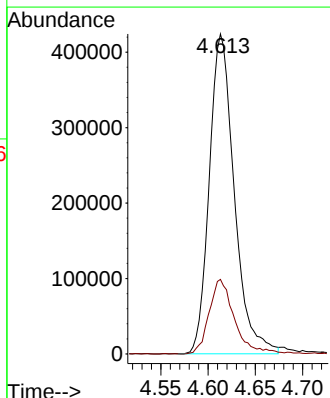
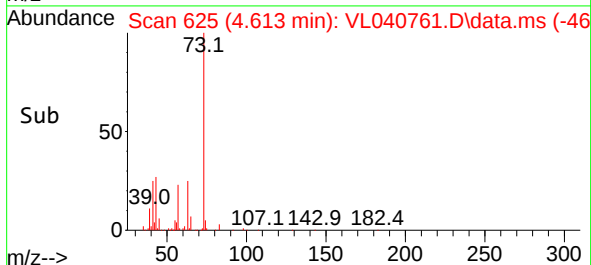
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

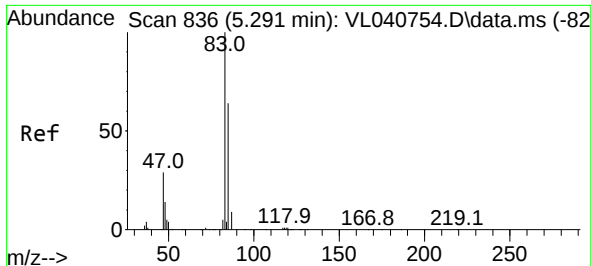


#28
Methyl tert-Butyl Ether
Concen: 9.148 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.010 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45



Tgt Ion: 73 Resp: 779338
Ion Ratio Lower Upper
73 100
57 24.0 18.9 28.3





#29

Chloroform

Concen: 9.658 ppbv

RT: 5.298 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101123

Tgt Ion: 83 Resp: 153088

Ion Ratio Lower Upper

83 100

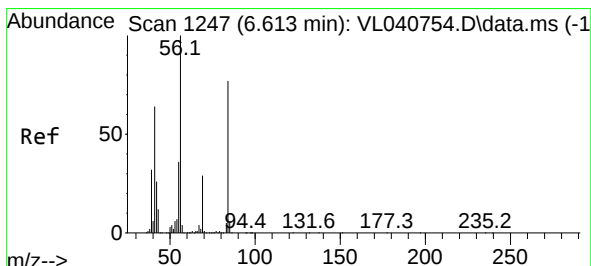
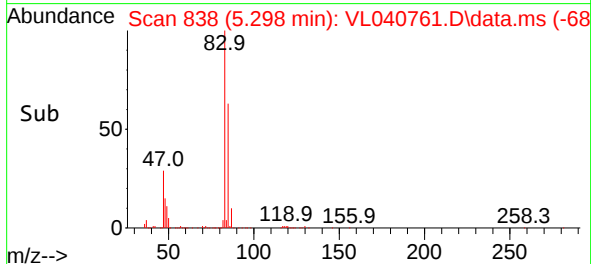
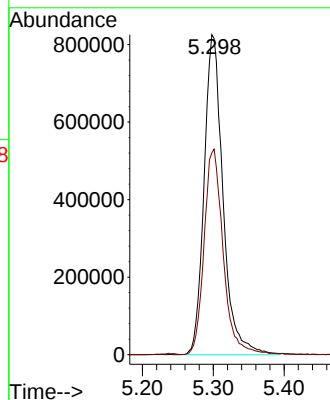
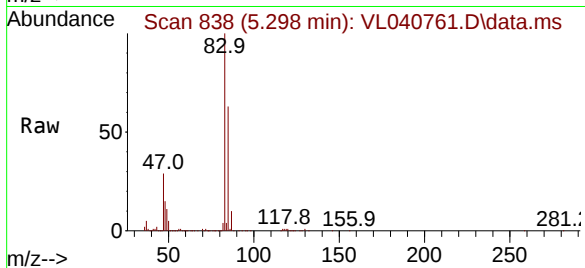
85 63.0 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#30

Cyclohexane

Concen: 9.544 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. 0.010 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

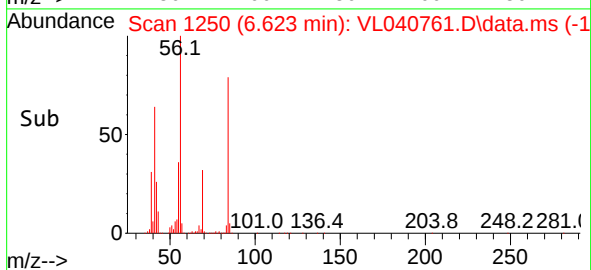
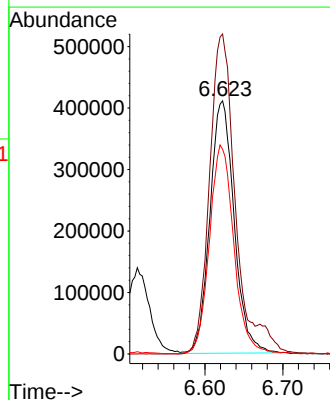
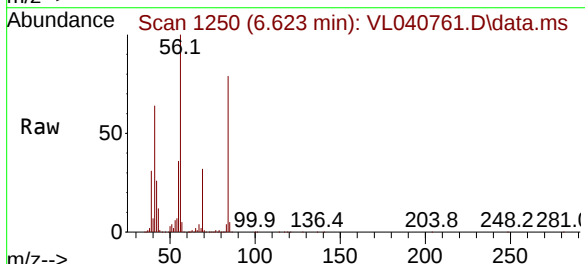
Tgt Ion: 84 Resp: 889680

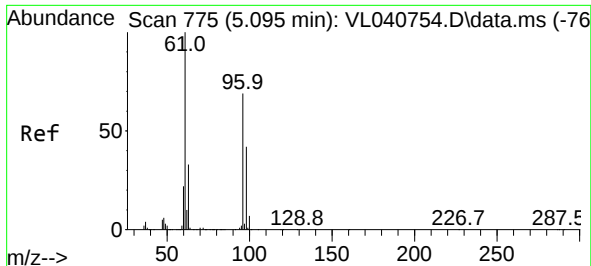
Ion Ratio Lower Upper

84 100

56 136.3 110.3 165.5

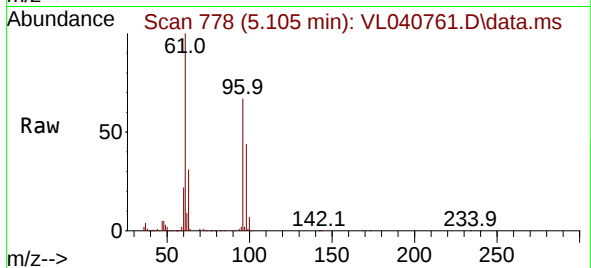
41 83.2 67.4 101.2





#31
 cis-1,2-Dichloroethene
 Concen: 9.953 ppbv
 RT: 5.105 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

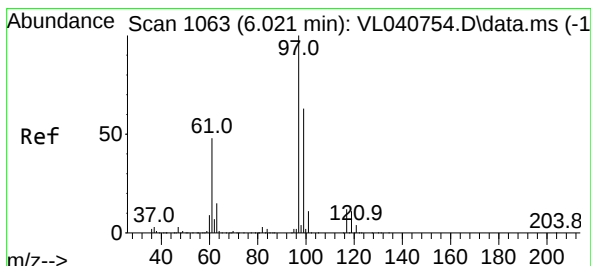
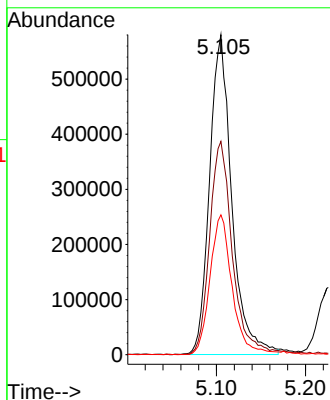
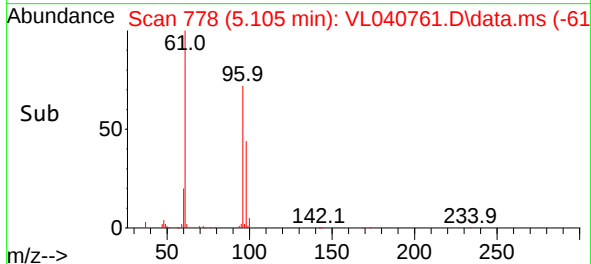
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101123



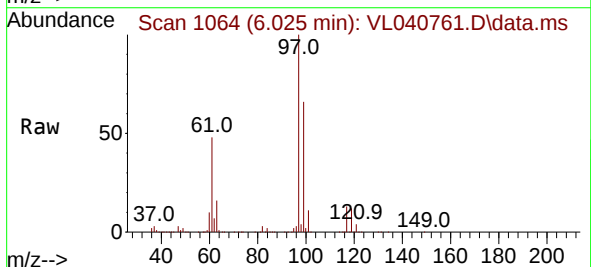
Tgt Ion: 61 Resp: 100478
 Ion Ratio Lower Upper
 61 100
 96 66.6 55.1 82.7
 98 43.7 33.5 50.3

Manual Integrations
 APPROVED

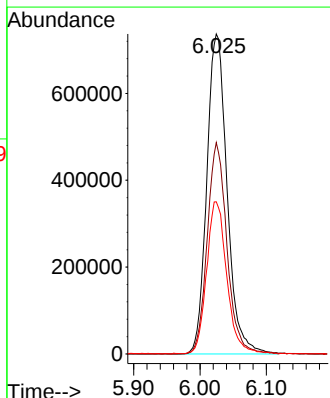
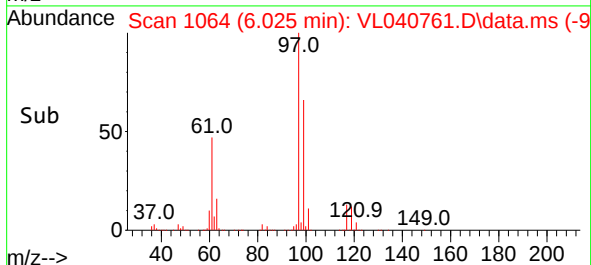
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

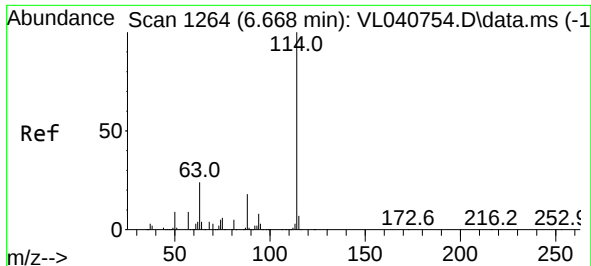


#32
 1,1,1-Trichloroethane
 Concen: 9.297 ppbv
 RT: 6.025 min Scan# 1064
 Delta R.T. 0.003 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45



Tgt Ion: 97 Resp: 1568557
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.8 77.6
 61 47.7 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101123

Tgt Ion:114 Resp: 2941460

Ion Ratio Lower Upper

114 100

63 24.2 19.8 29.6

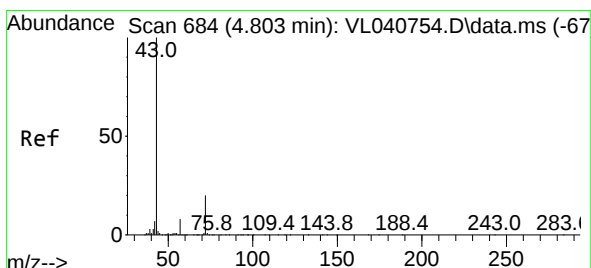
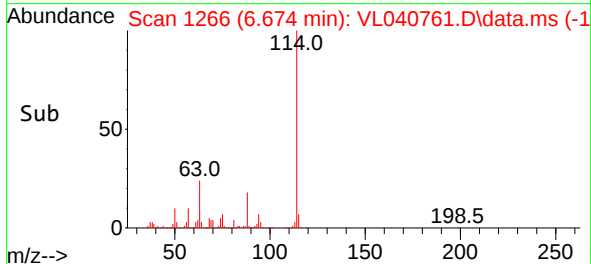
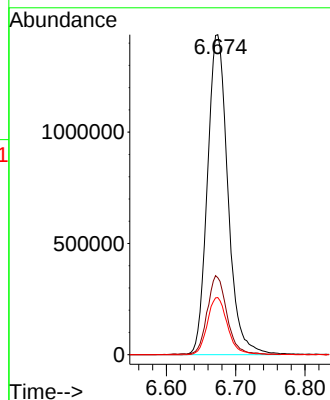
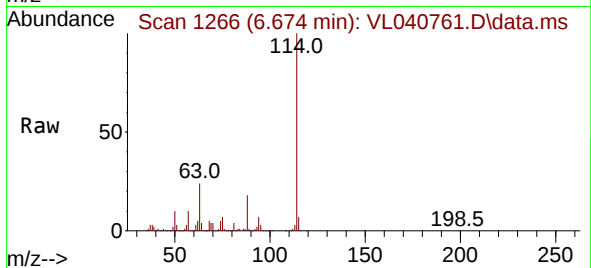
88 17.7 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#34

2-Butanone

Concen: 10.242 ppbv

RT: 4.812 min Scan# 687

Delta R.T. 0.010 min

Lab File: VL040761.D

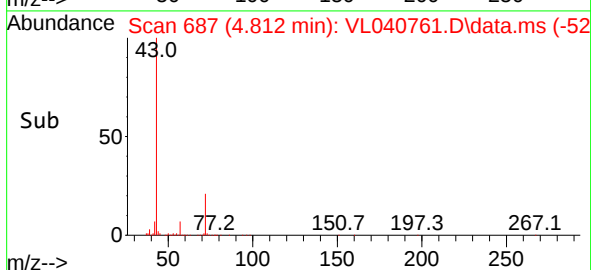
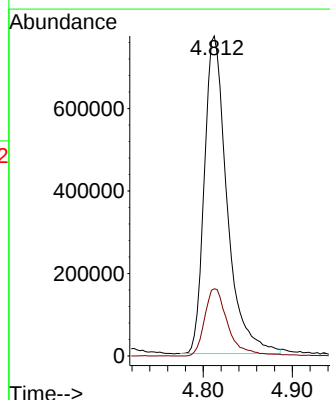
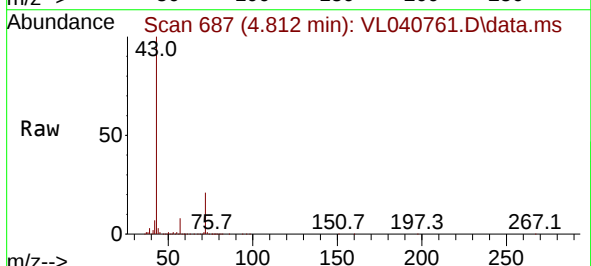
Acq: 11 Oct 2023 16:45

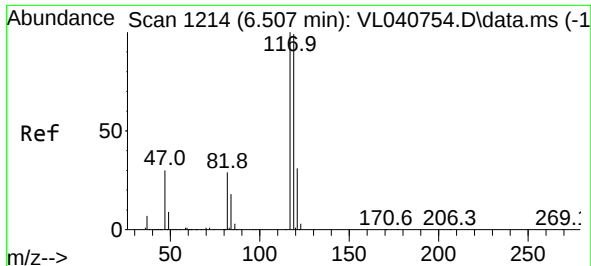
Tgt Ion: 43 Resp: 1363646

Ion Ratio Lower Upper

43 100

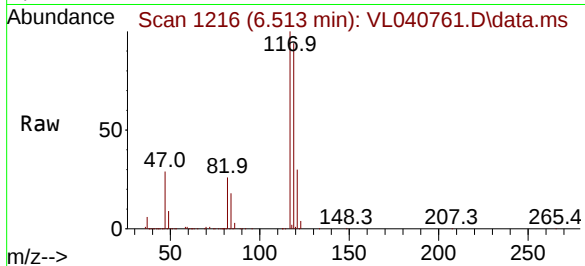
72 22.5 16.8 25.2





#35
Carbon Tetrachloride
Concen: 9.929 ppbv
RT: 6.513 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

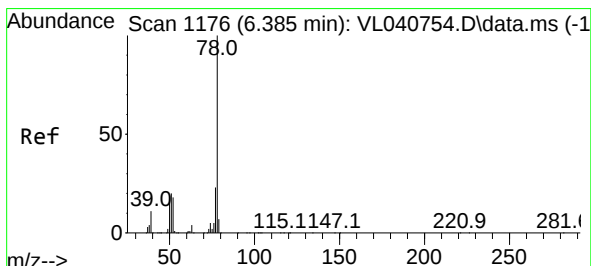
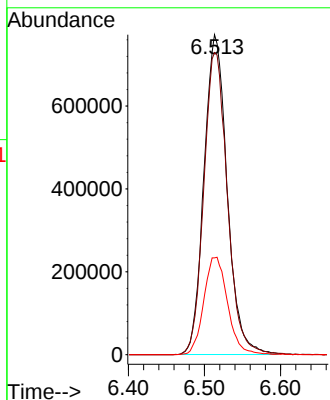
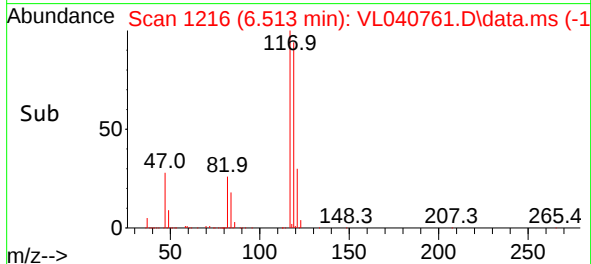
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



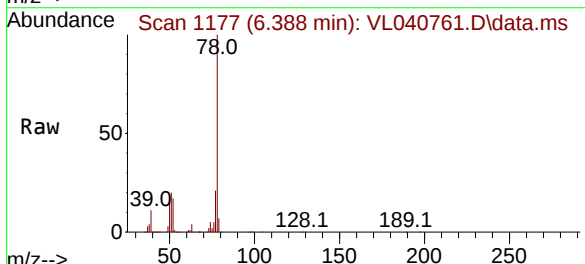
Tgt Ion: 117 Resp: 163927
Ion Ratio Lower Upper
117 100
119 94.4 79.4 119.0
121 30.2 25.0 37.4

Manual Integrations
APPROVED

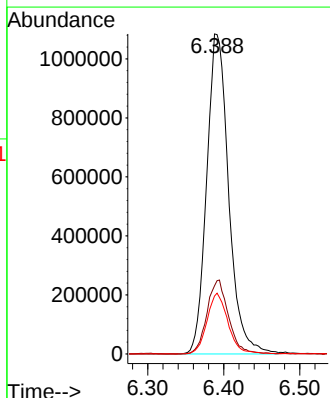
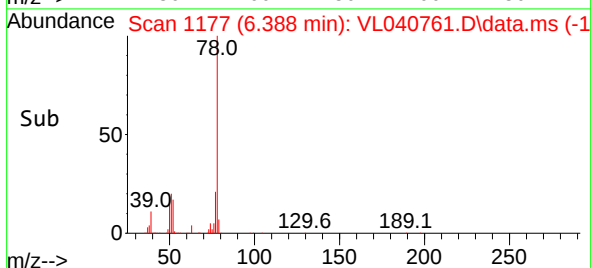
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

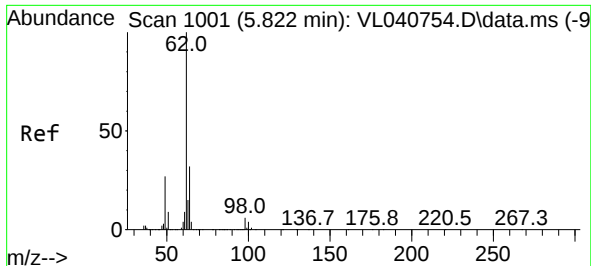


#36
Benzene
Concen: 9.640 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45



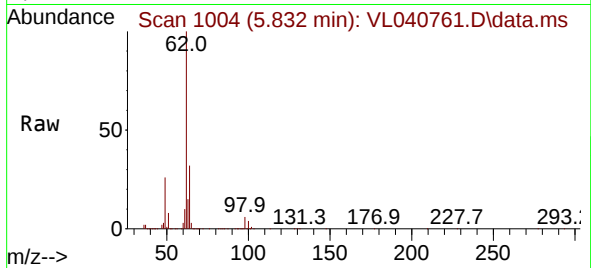
Tgt Ion: 78 Resp: 2181147
Ion Ratio Lower Upper
78 100
77 21.2 18.4 27.6
50 18.1 15.0 22.4





#37
1,2-Dichloroethane
Concen: 9.963 ppbv
RT: 5.832 min Scan# 1004
Delta R.T. 0.010 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

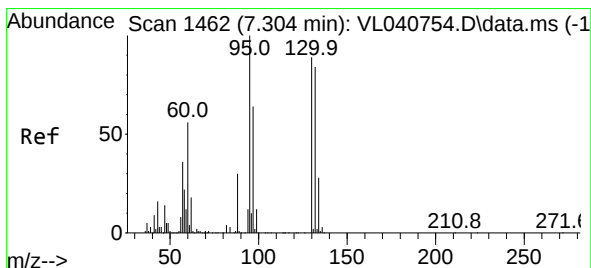
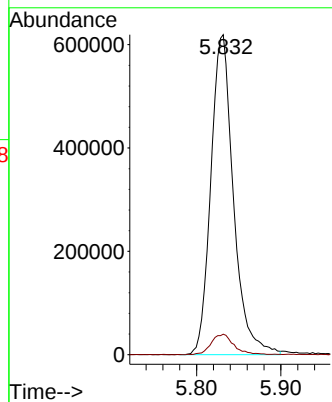
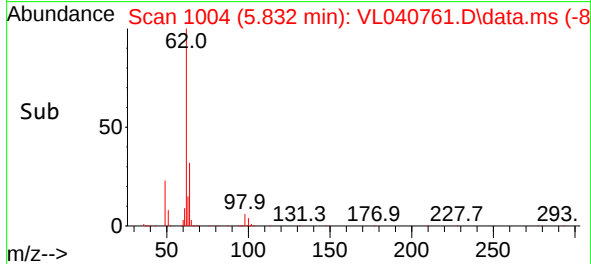
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



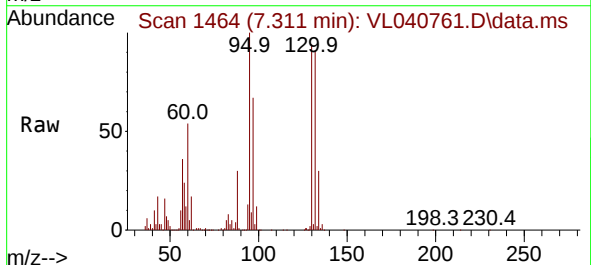
Tgt Ion: 62 Resp: 115440
Ion Ratio Lower Upper
62 100
98 6.6 5.4 8.0

Manual Integrations
APPROVED

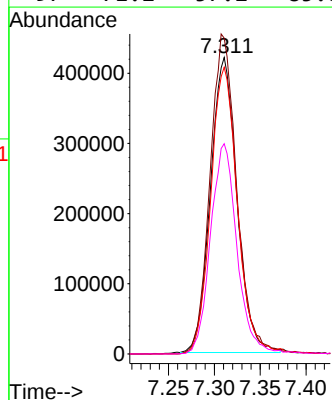
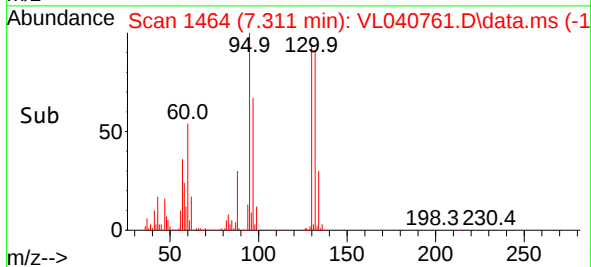
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

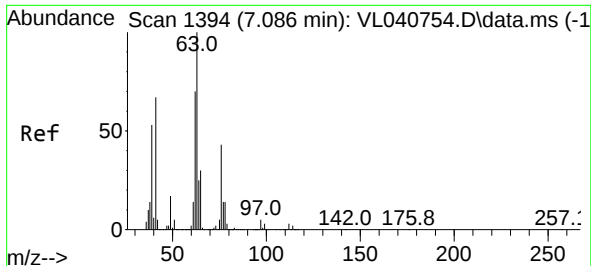


#38
Trichloroethene
Concen: 8.437 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45



Tgt Ion:130 Resp: 844754
Ion Ratio Lower Upper
130 100
95 107.0 89.4 134.2
132 97.1 74.8 112.2
97 71.2 57.2 85.8





#39

1,2-Dichloropropane

Concen: 9.530 ppbv

RT: 7.092 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101123

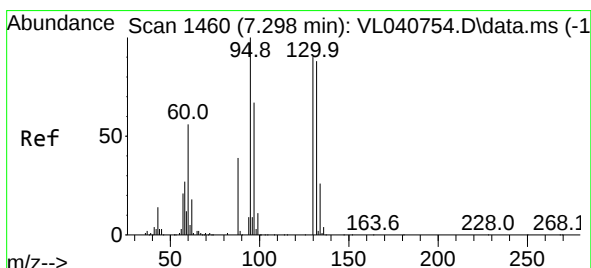
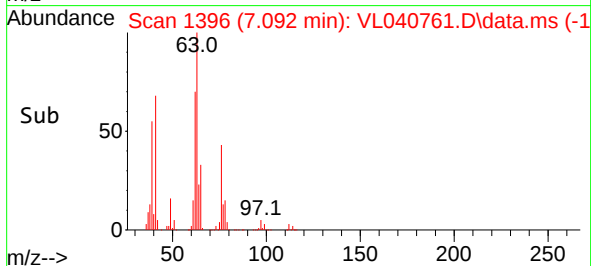
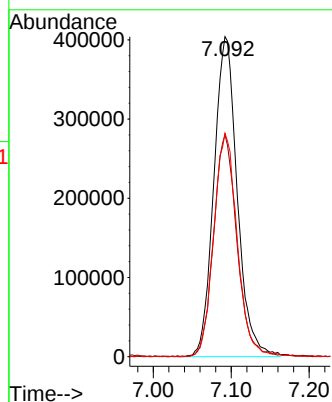
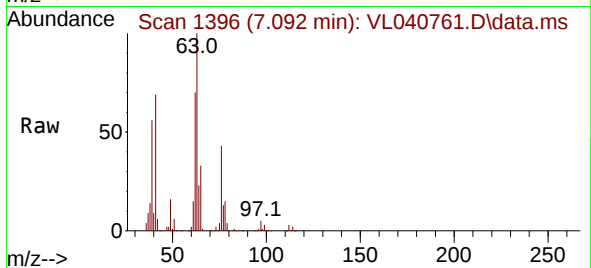
Tgt Ion: 63 Resp: 842344

Ion	Ratio	Lower	Upper
63	100		
41	69.3	53.7	80.5
62	69.8	55.7	83.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#40

1,4-Dioxane

Concen: 10.567 ppbv

RT: 7.301 min Scan# 1461

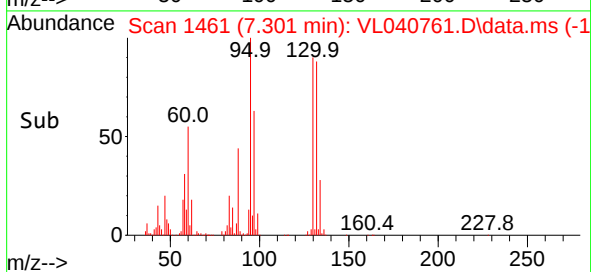
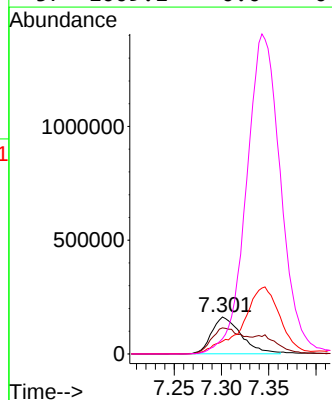
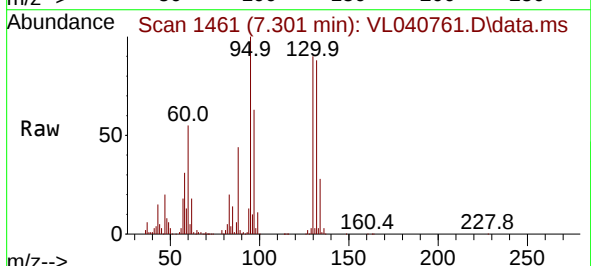
Delta R.T. 0.003 min

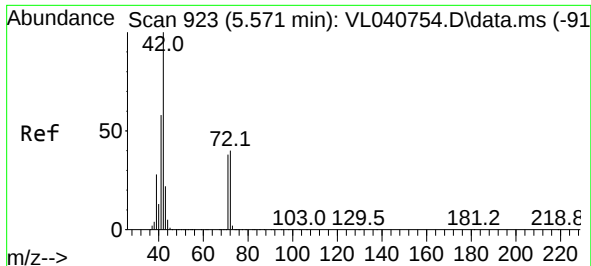
Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Tgt Ion: 88 Resp: 353468

Ion	Ratio	Lower	Upper
88	100		
58	119.0	100.0	150.0
43	231.9	0.0	0.0#
57	1009.1	0.0	0.0#





#41

Tetrahydrofuran

Concen: 9.747 ppbv

RT: 5.578 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101123

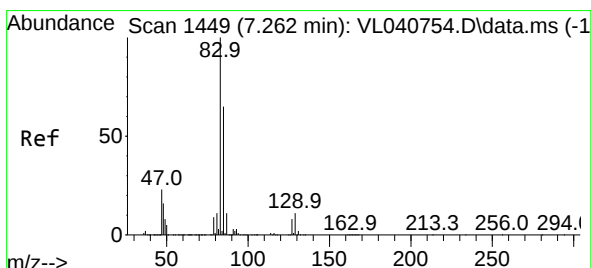
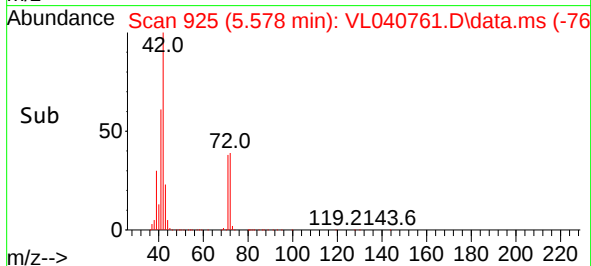
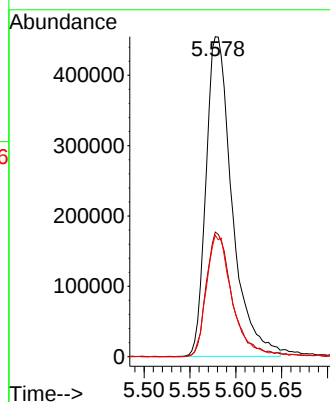
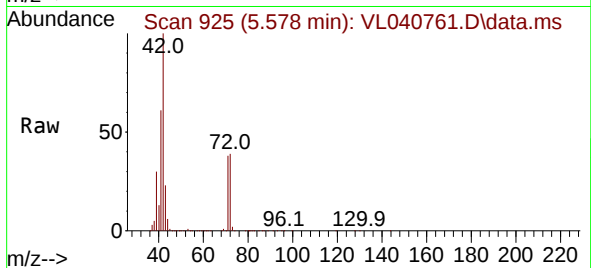
Tgt Ion: 42 Resp: 89867

Ion	Ratio	Lower	Upper
42	100		
72	39.6	31.1	46.7
71	38.7	29.7	44.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#42

Bromodichloromethane

Concen: 9.954 ppbv

RT: 7.269 min Scan# 1451

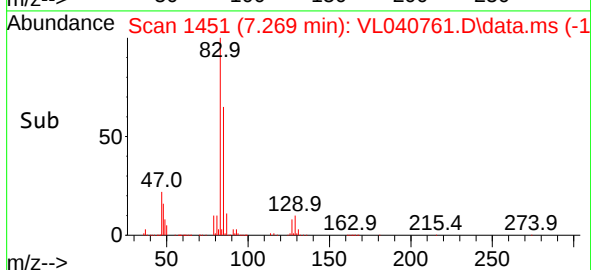
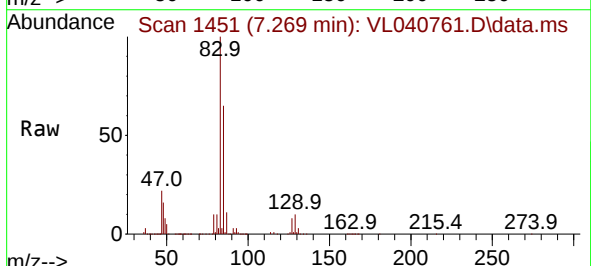
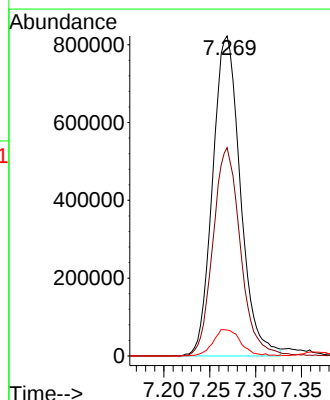
Delta R.T. 0.006 min

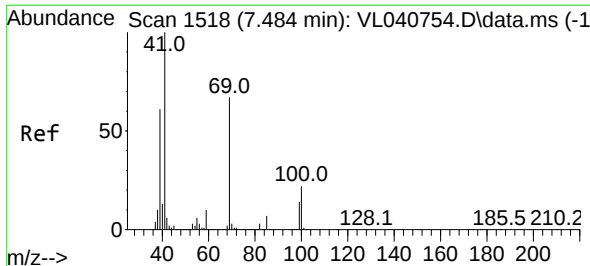
Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Tgt Ion: 83 Resp: 1727848

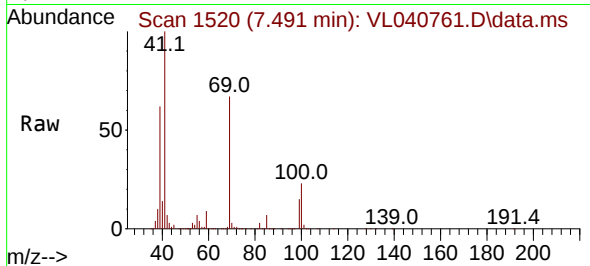
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.1	78.1
127	8.1	6.7	10.1





#43
Methyl Methacrylate
Concen: 9.893 ppbv
RT: 7.491 min Scan# 1520
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

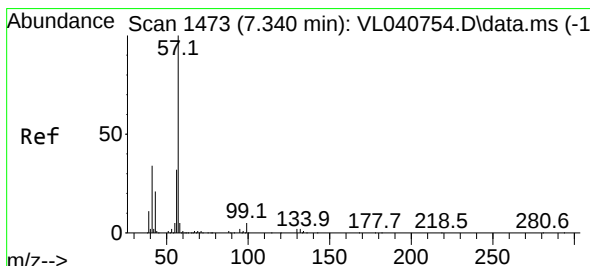
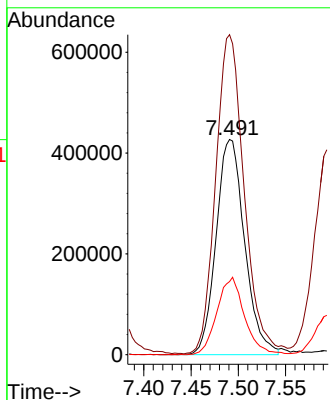
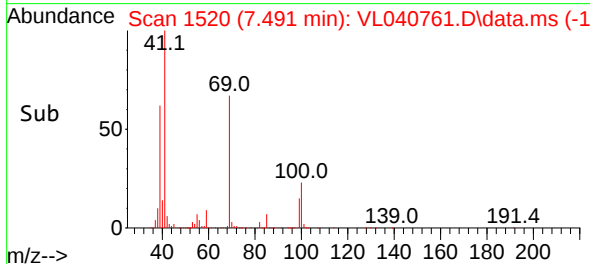
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



Tgt Ion: 69 Resp: 89595
Ion Ratio Lower Upper
69 100
41 148.8 120.6 181.0
100 34.7 27.1 40.7

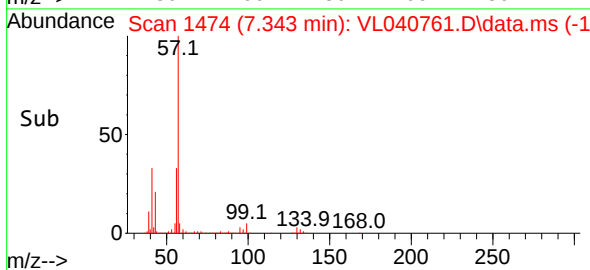
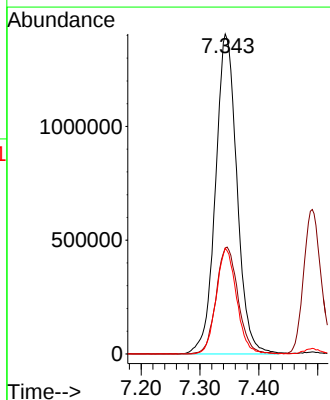
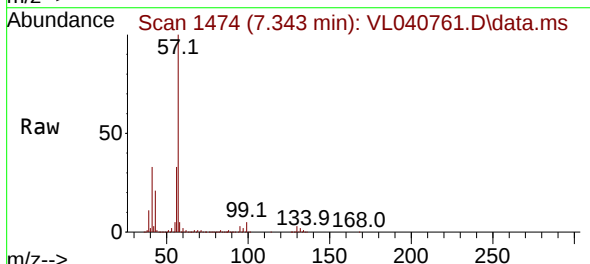
Manual Integrations
APPROVED

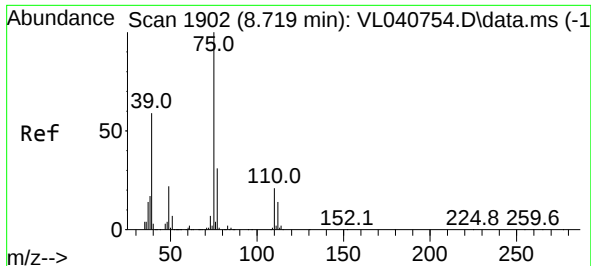
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#44
2,2,4-Trimethylpentane
Concen: 9.310 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

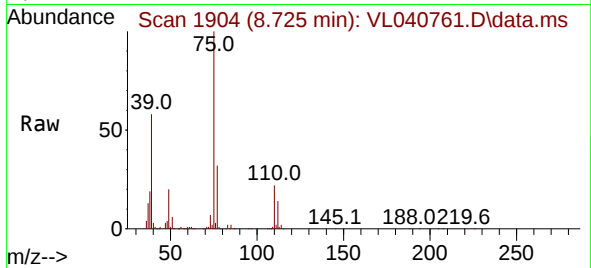
Tgt Ion: 57 Resp: 3562095
Ion Ratio Lower Upper
57 100
41 34.2 27.4 41.0
56 31.4 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 9.182 ppbv
RT: 8.725 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

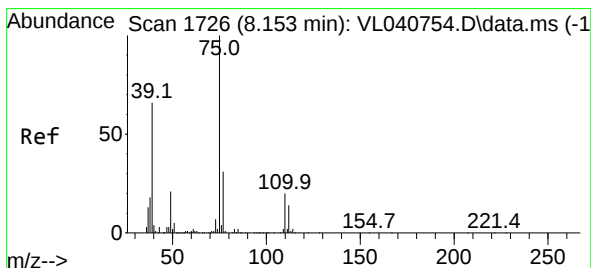
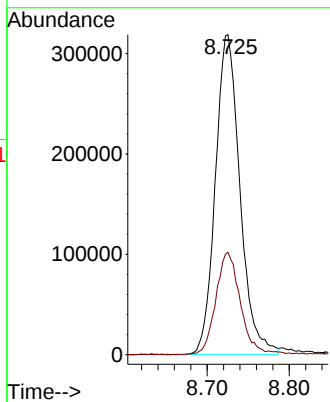
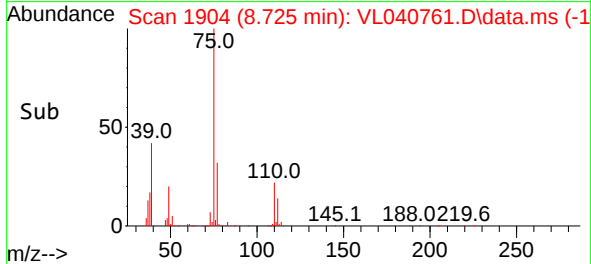
Instrument : MSVOA_L
ClientSampleId : ICVVL101123



Tgt Ion: 75 Resp: 66309
Ion Ratio Lower Upper
75 100
77 32.0 24.9 37.3

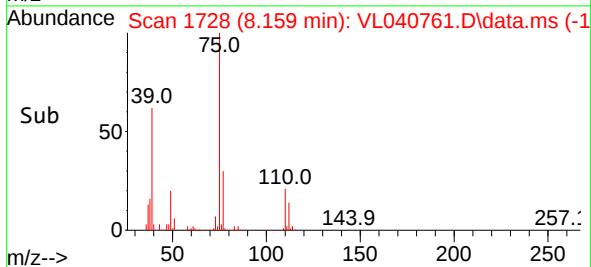
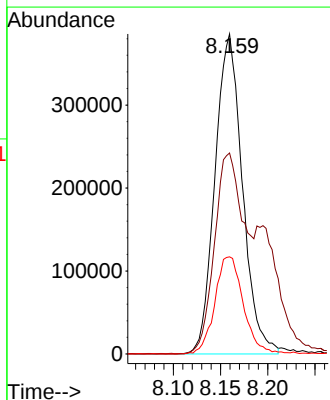
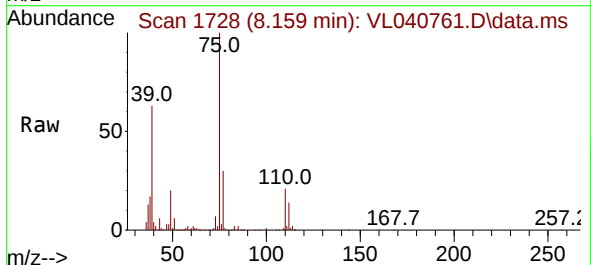
Manual Integrations
APPROVED

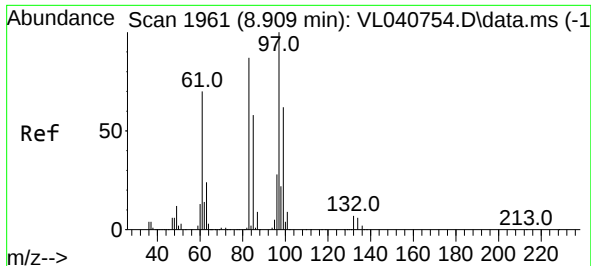
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#46
cis-1,3-Dichloropropene
Concen: 8.823 ppbv
RT: 8.159 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 75 Resp: 778441
Ion Ratio Lower Upper
75 100
39 62.7 52.4 78.6
77 30.3 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 9.538 ppbv

RT: 8.912 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VL040761.D

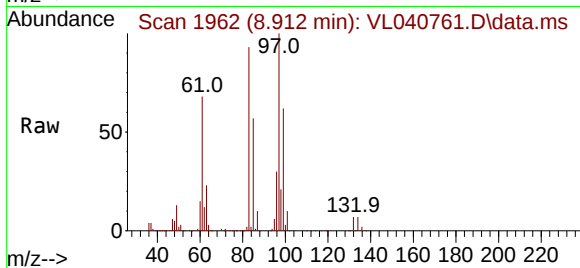
Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101123



Tgt Ion: 97 Resp: 88559

Ion Ratio Lower Upper

97 100

83 92.5 69.5 104.3

85 56.8 46.6 69.8

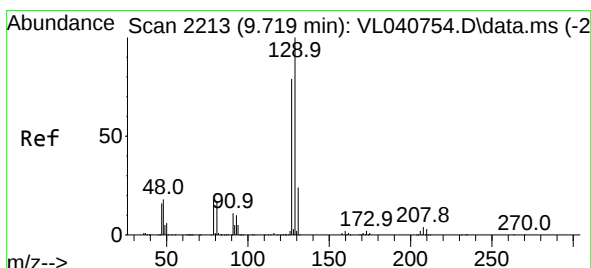
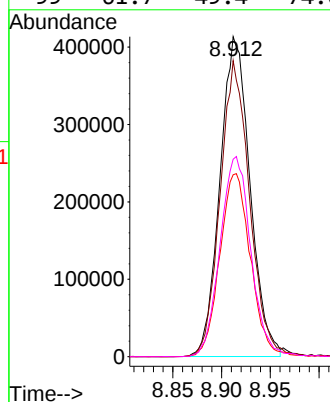
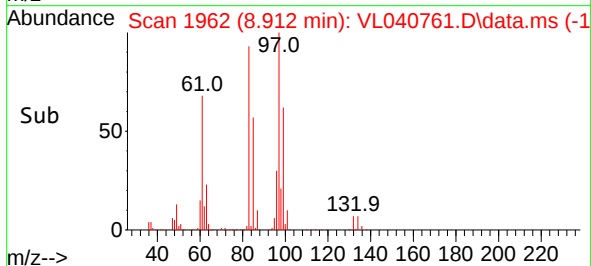
99 61.7 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#48

Dibromochloromethane

Concen: 10.156 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. 0.003 min

Lab File: VL040761.D

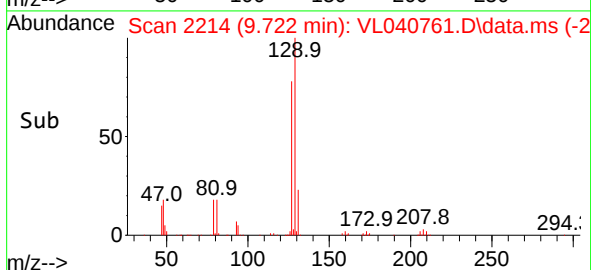
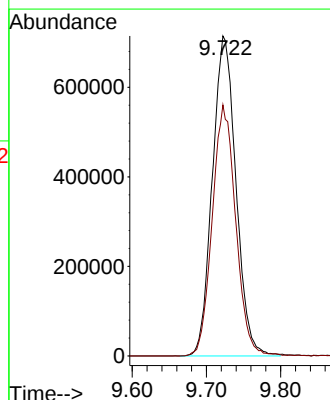
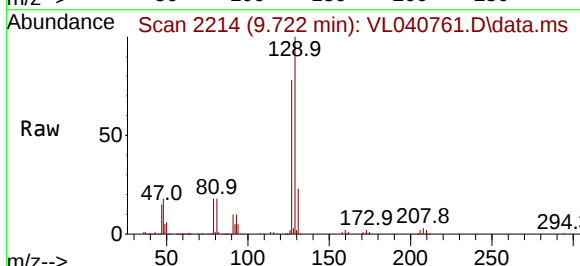
Acq: 11 Oct 2023 16:45

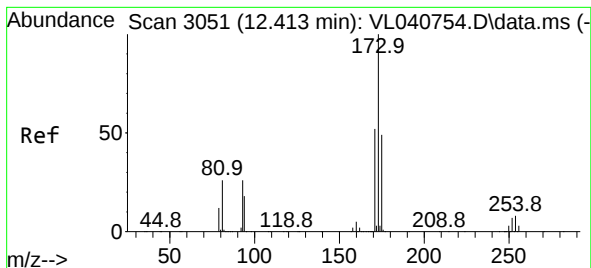
Tgt Ion:129 Resp: 1580287

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.3





#49

Bromoform

Concen: 10.449 ppbv

RT: 12.417 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VL040761.D

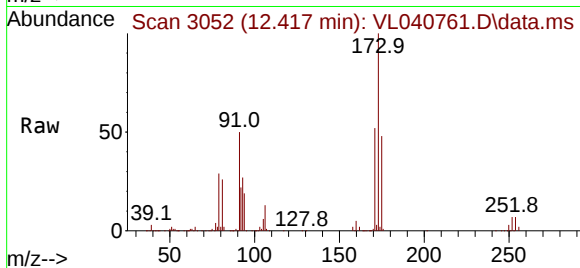
Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101123



Tgt Ion:173 Resp: 1321649

Ion Ratio Lower Upper

173 100

175 48.8 39.2 58.8

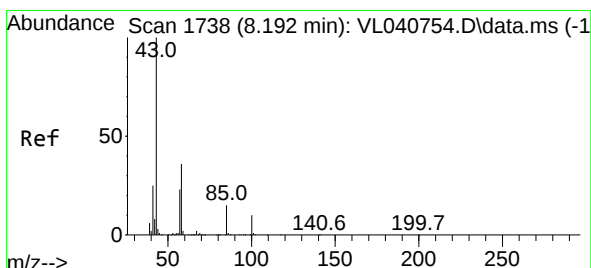
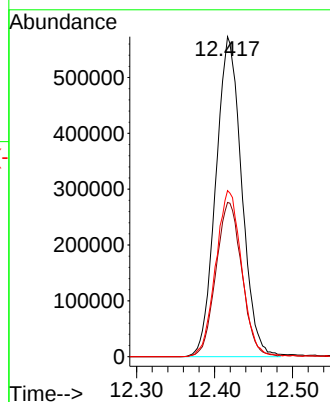
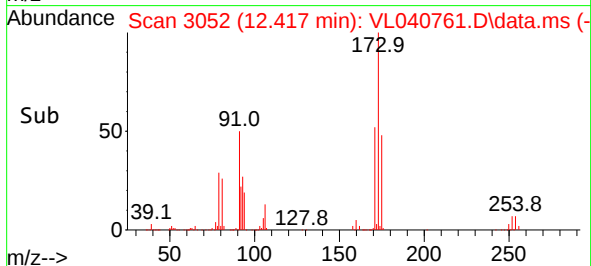
171 52.3 42.0 63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#50

4-Methyl-2-Pentanone

Concen: 9.901 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.003 min

Lab File: VL040761.D

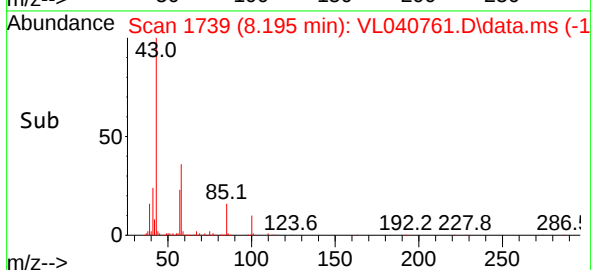
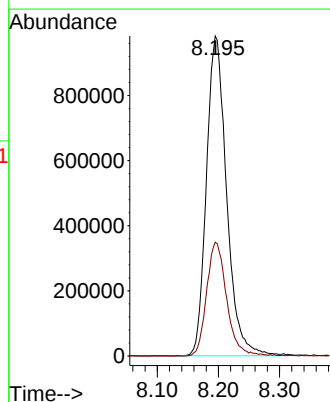
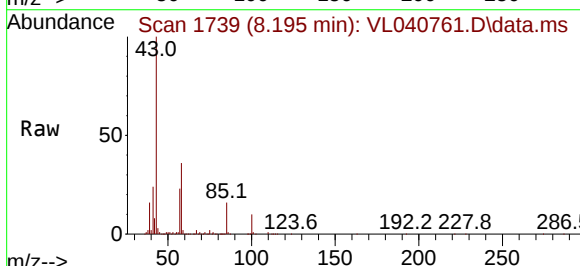
Acq: 11 Oct 2023 16:45

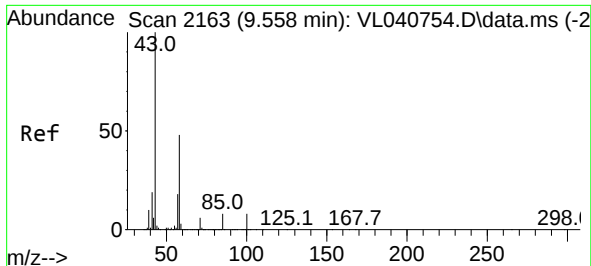
Tgt Ion: 43 Resp: 2255211

Ion Ratio Lower Upper

43 100

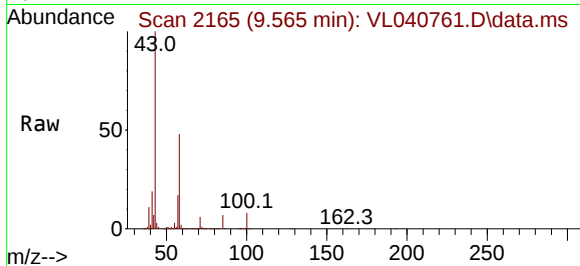
58 35.4 28.8 43.2





#51
2-Hexanone
Concen: 9.775 ppbv
RT: 9.565 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

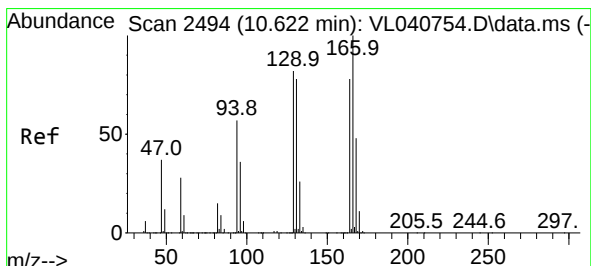
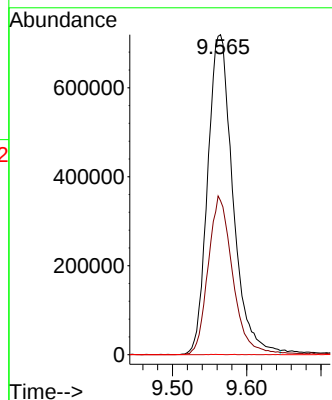
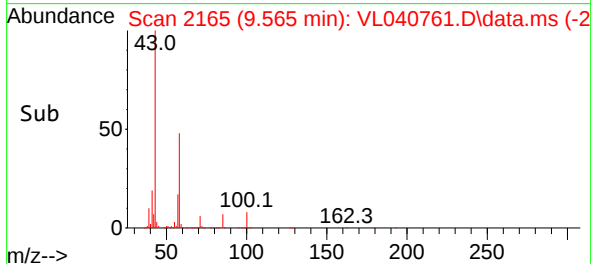
Instrument : MSVOA_L
ClientSampleId : ICVVL101123



Tgt Ion: 43 Resp: 1694470
Ion Ratio Lower Upper
43 100
58 48.7 38.6 58.0
98 0.1 0.0 0.0

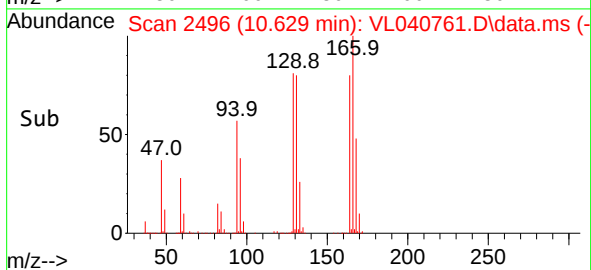
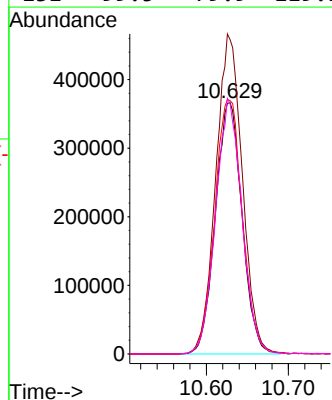
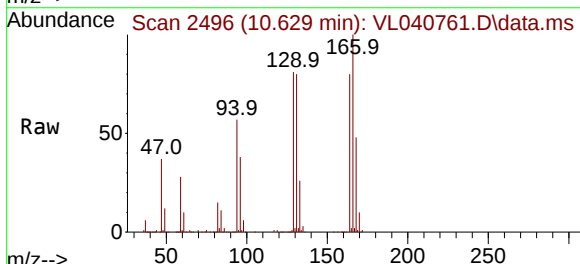
Manual Integrations
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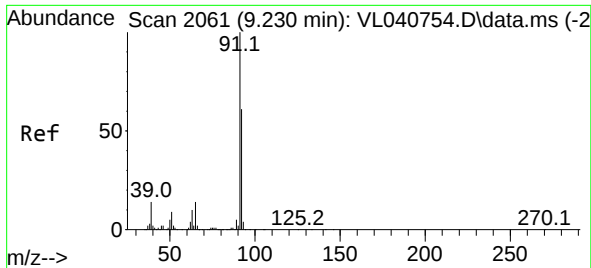
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#52
Tetrachloroethene
Concen: 9.000 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

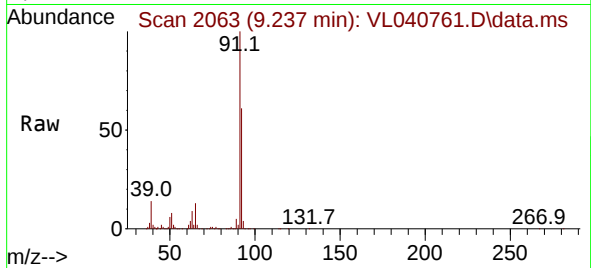
Tgt Ion:164 Resp: 827075
Ion Ratio Lower Upper
164 100
166 125.0 102.4 153.6
129 100.7 84.2 126.4
131 99.5 79.9 119.9





#53
Toluene
Concen: 9.465 ppbv
RT: 9.237 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

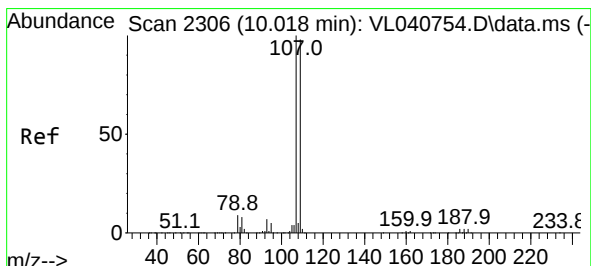
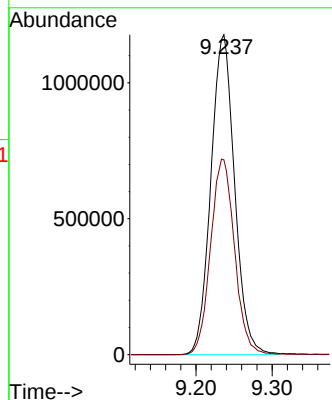
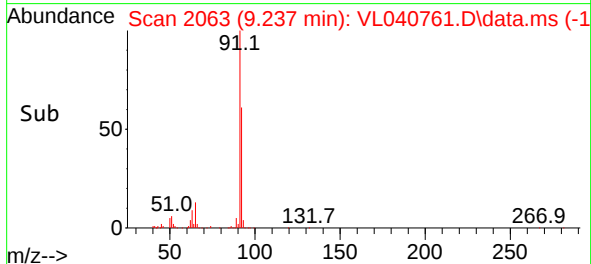
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



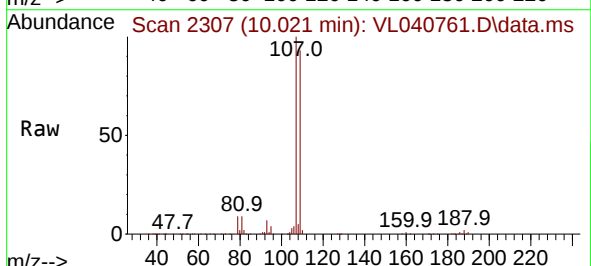
Tgt Ion: 91 Resp: 254866
Ion Ratio Lower Upper
91 100
92 62.0 50.2 75.2

Manual Integrations
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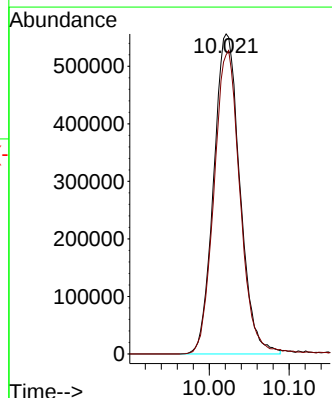
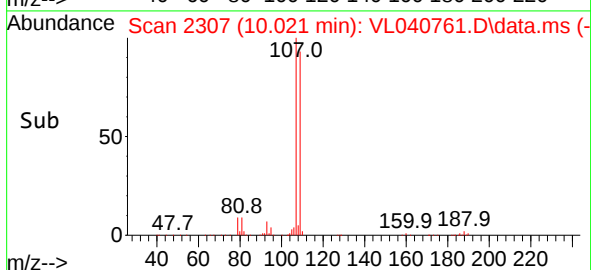
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

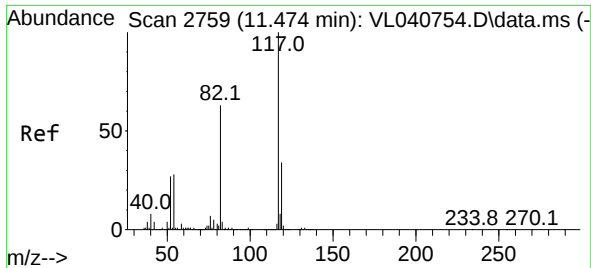


#54
1,2-Dibromoethane
Concen: 9.709 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45



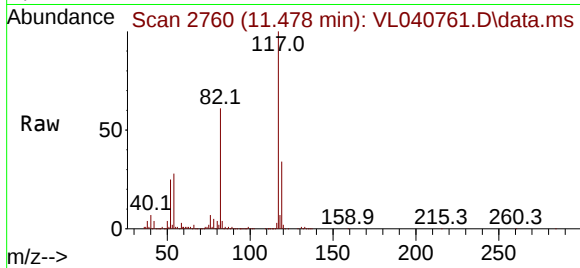
Tgt Ion:107 Resp: 1263716
Ion Ratio Lower Upper
107 100
109 93.5 78.2 117.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.478 min Scan# 2759
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

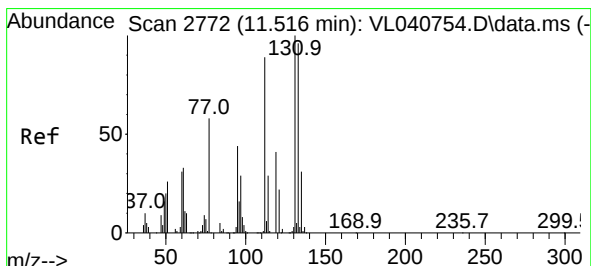
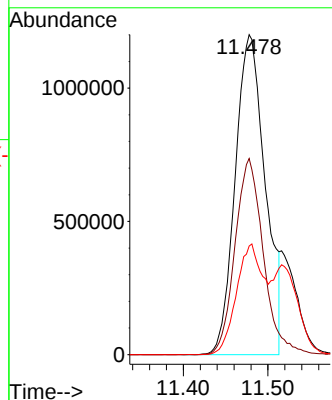
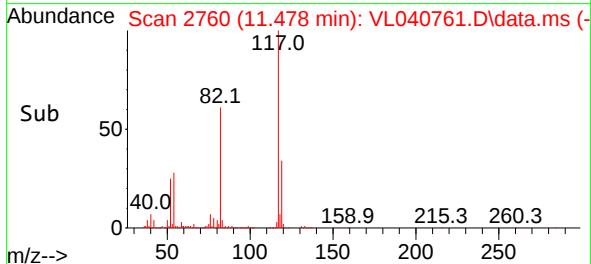
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



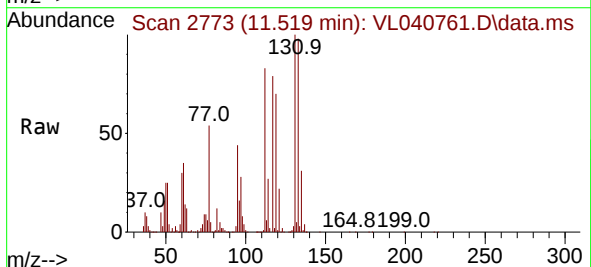
Tgt Ion:117 Resp: 296620
Ion Ratio Lower Upper
117 100
82 58.4 46.6 70.0
119 34.6 26.0 39.0

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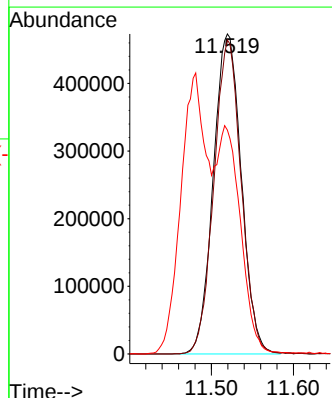
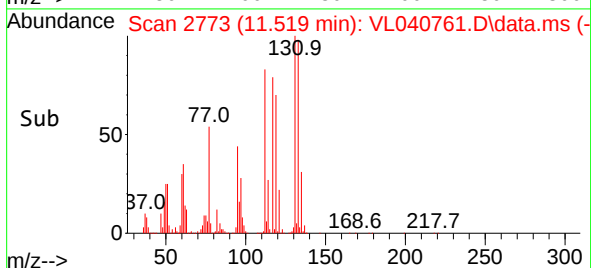
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

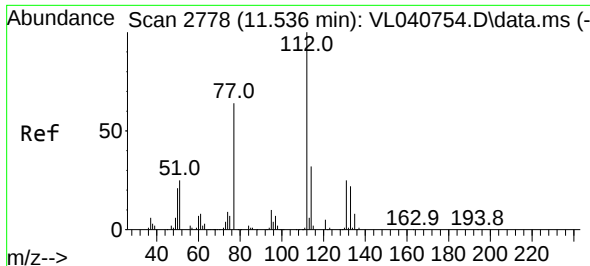


#56
1,1,1,2-Tetrachloroethane
Concen: 9.277 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45



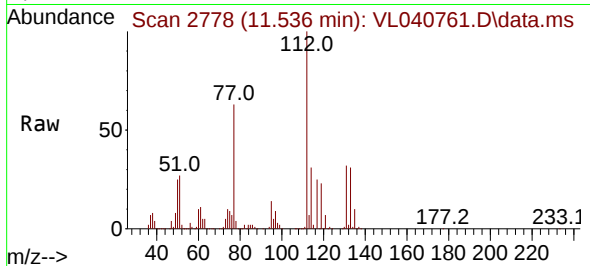
Tgt Ion:131 Resp: 1123036
Ion Ratio Lower Upper
131 100
133 95.8 75.0 112.6
119 64.1 45.4 68.0





#57
Chlorobenzene
Concen: 9.178 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

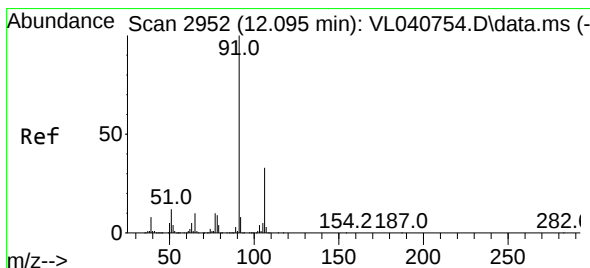
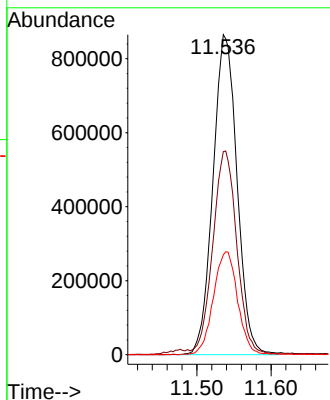
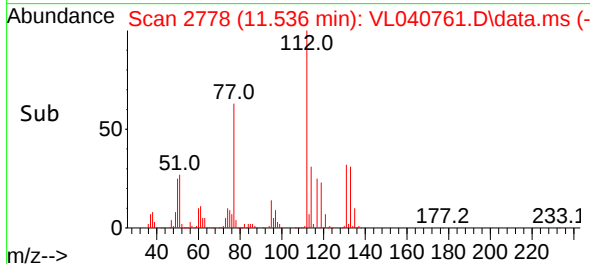
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



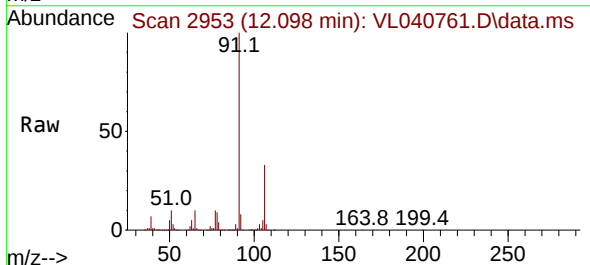
Tgt Ion: 112 Resp: 1950604
Ion Ratio Lower Upper
112 100
77 63.1 51.9 77.9
114 31.2 28.6 35.0

Manual Integrations
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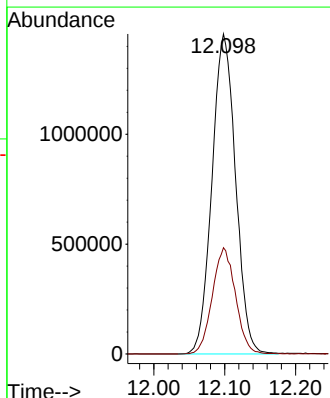
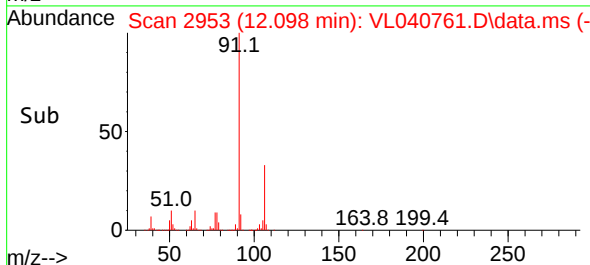
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

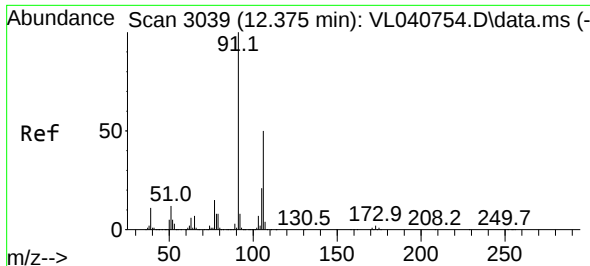


#58
Ethyl Benzene
Concen: 9.034 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45



Tgt Ion: 91 Resp: 3373967
Ion Ratio Lower Upper
91 100
106 33.2 26.7 40.1





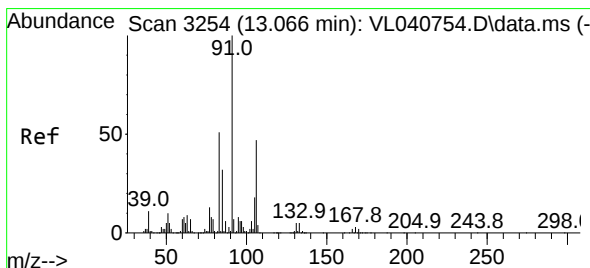
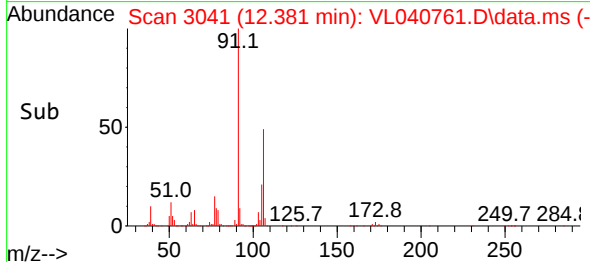
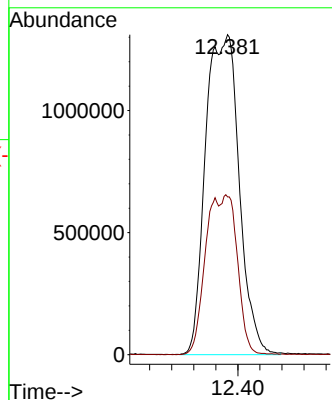
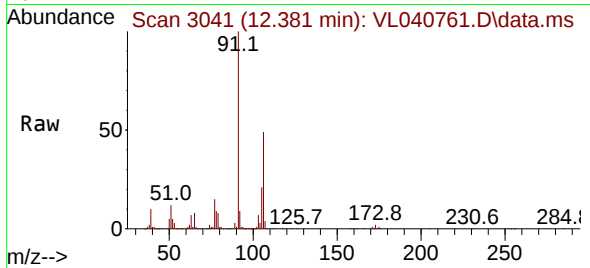
#59
m/p-Xylene
Concen: 18.036 ppbv m
RT: 12.381 min Scan# 3039
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123

Tgt Ion: 91 Resp: 5543929
Ion Ratio Lower Upper
91 100
106 47.1 37.7 56.5

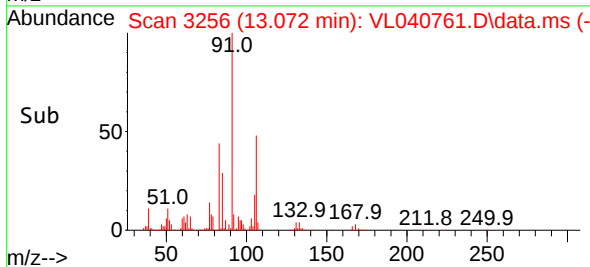
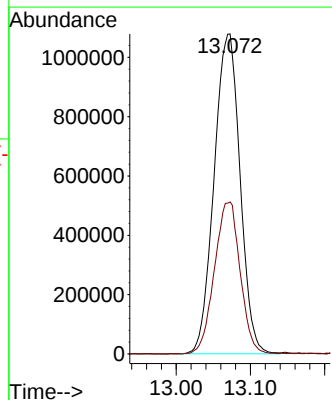
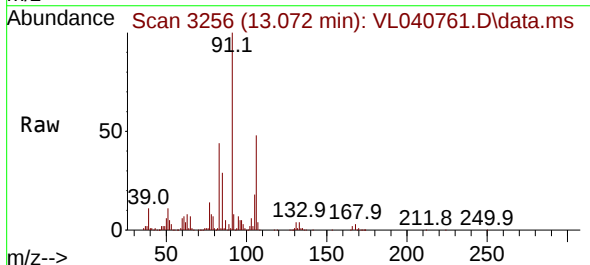
Manual Integrations
APPROVED

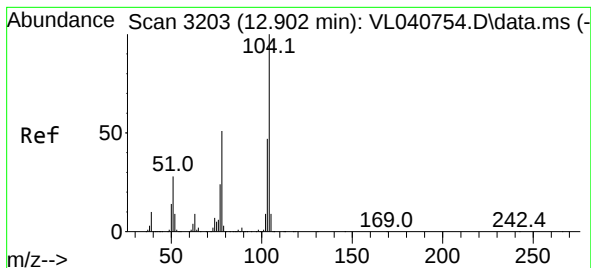
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#60
o-Xylene
Concen: 8.944 ppbv
RT: 13.072 min Scan# 3256
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 91 Resp: 2619599
Ion Ratio Lower Upper
91 100
106 47.2 23.5 70.5





#61

Styrene

Concen: 9.499 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101123

Tgt Ion:104 Resp: 1541469

Ion Ratio Lower Upper

104 100

78 48.8 39.8 59.6

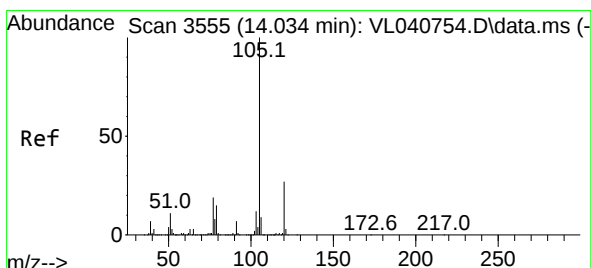
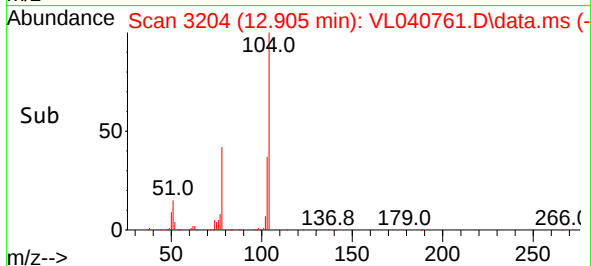
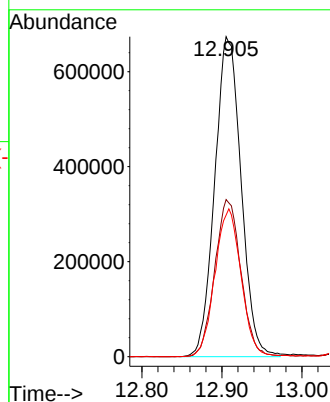
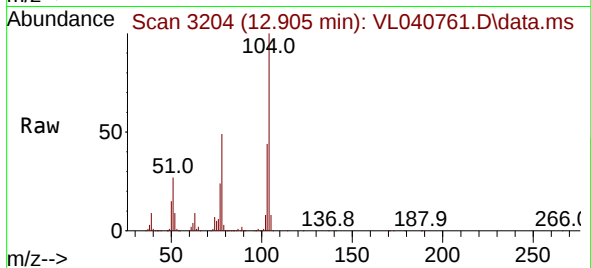
103 46.1 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#62

Isopropylbenzene

Concen: 8.898 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. 0.003 min

Lab File: VL040761.D

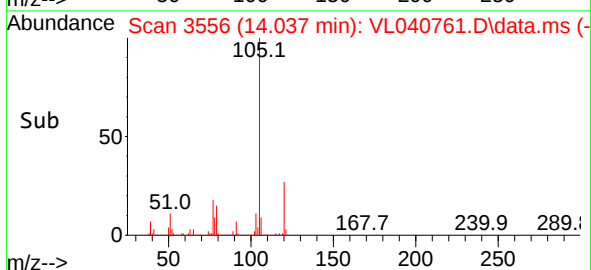
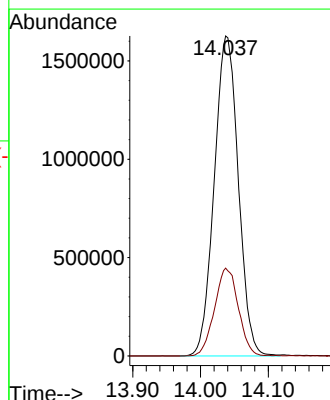
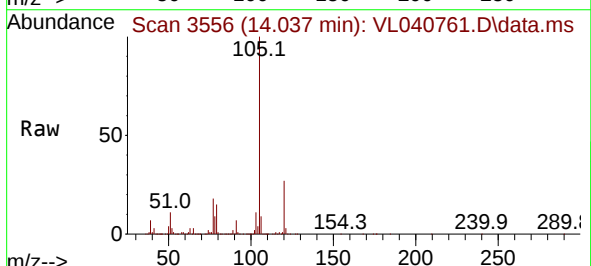
Acq: 11 Oct 2023 16:45

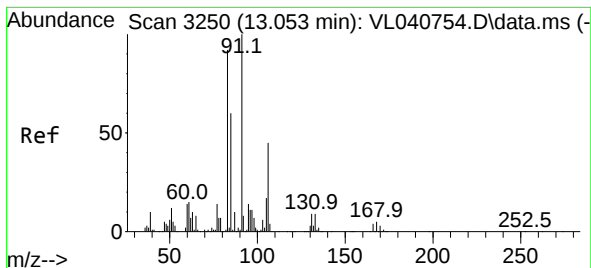
Tgt Ion:105 Resp: 4009173

Ion Ratio Lower Upper

105 100

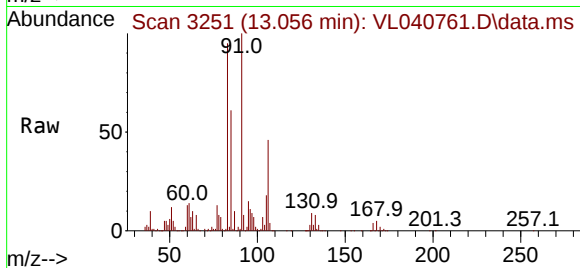
120 27.2 21.5 32.3





#63
1,1,2,2-Tetrachloroethane
Concen: 8.437 ppbv
RT: 13.056 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

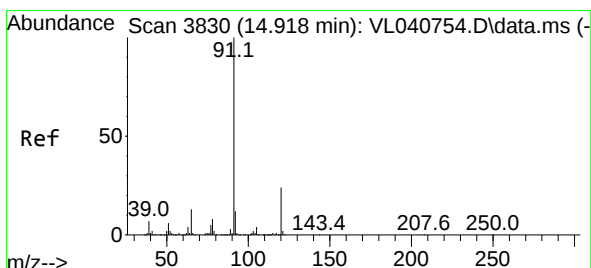
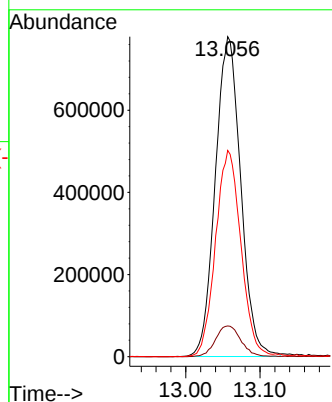
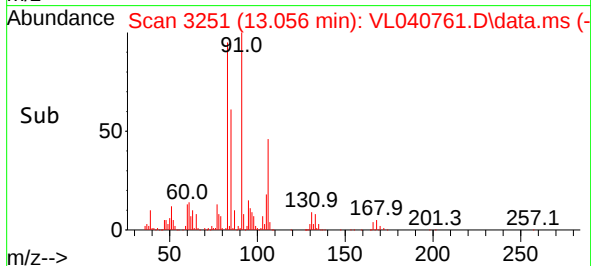
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



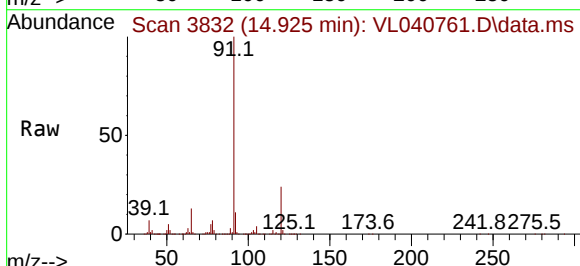
Tgt Ion: 83 Resp: 185255
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 65.2 32.9 98.7

Manual Integrations
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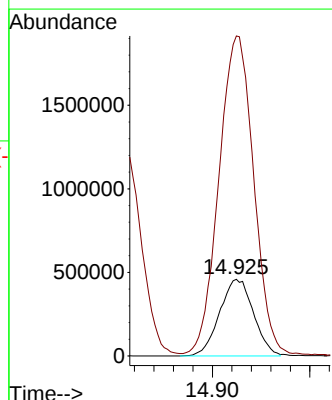
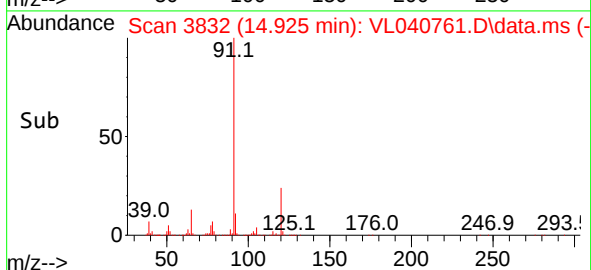
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

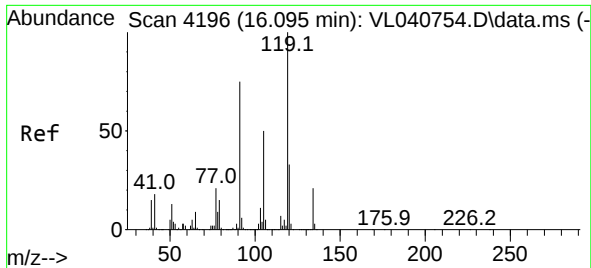


#64
n-propylbenzene
Concen: 9.155 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45



Tgt Ion:120 Resp: 1108047
Ion Ratio Lower Upper
120 100
91 433.5 345.9 518.9





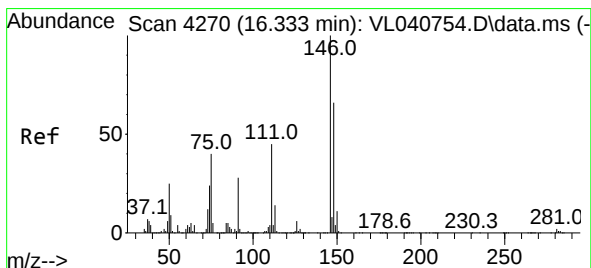
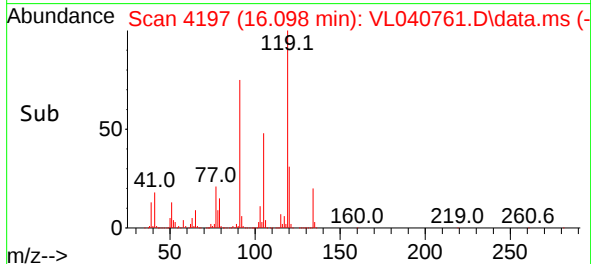
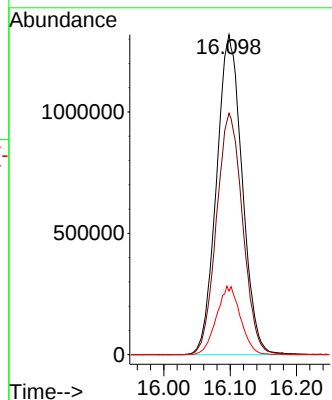
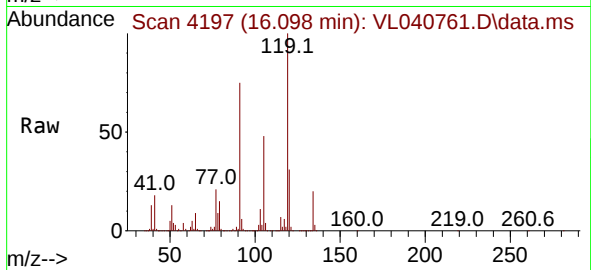
#65
tert-Butylbenzene
Concen: 8.714 ppbv
RT: 16.098 min Scan# 4196
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Instrument : MSVOA_L
ClientSampleId : ICVVL101123

Tgt Ion: 119 Resp: 3541064
Ion Ratio Lower Upper
119 100
91 77.1 62.2 93.2
134 20.1 16.1 24.1

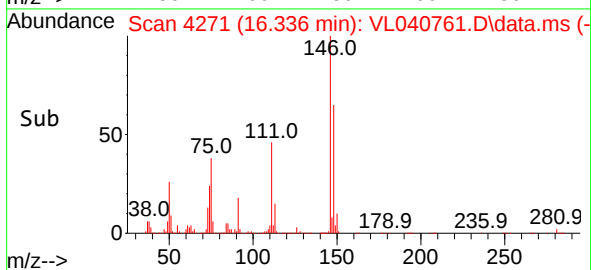
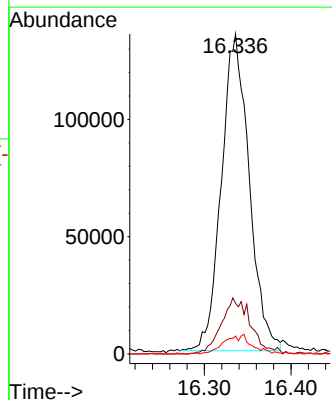
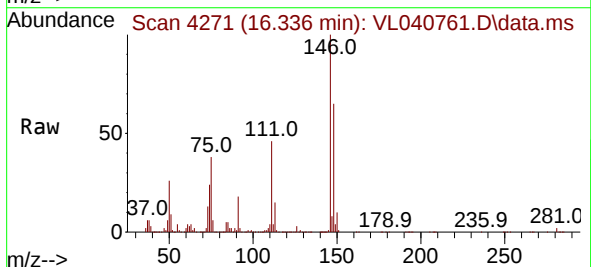
Manual Integrations
APPROVED

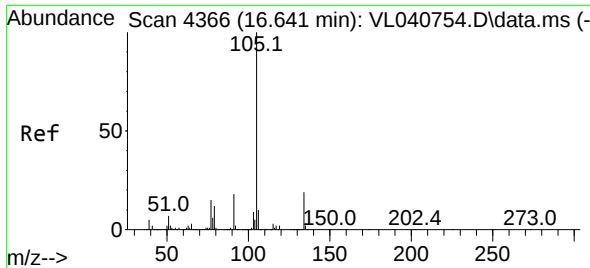
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#66
Benzyl Chloride
Concen: 7.348 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

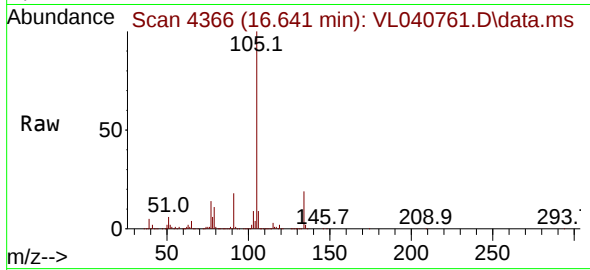
Tgt Ion: 91 Resp: 300841
Ion Ratio Lower Upper
91 100
126 19.1 16.1 24.1
128 6.3 5.2 7.8





#67
 sec-Butylbenzene
 Concen: 8.818 ppbv
 RT: 16.641 min Scan# 4366
 Delta R.T. 0.000 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

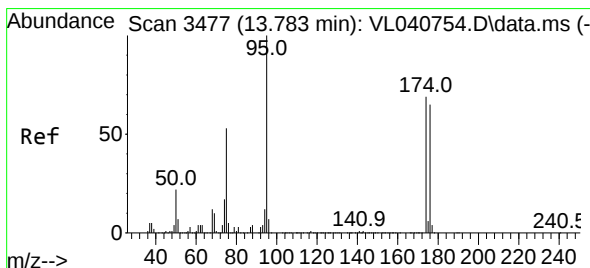
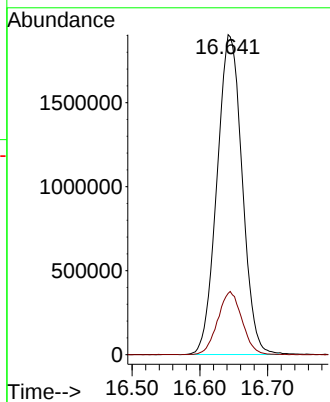
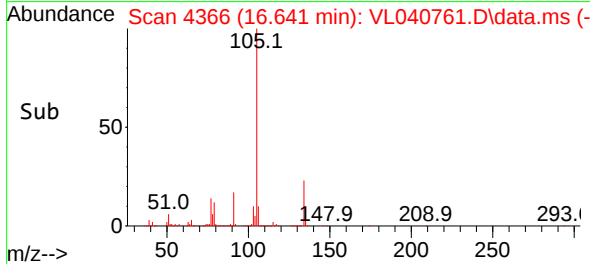
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101123



Tgt Ion: 105 Resp: 490642
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.2

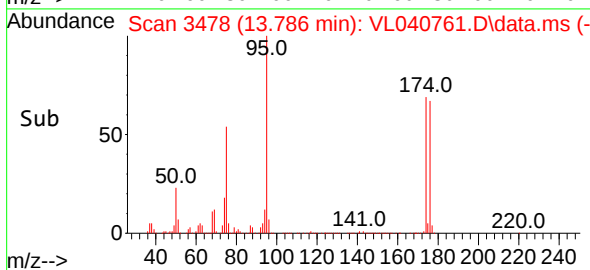
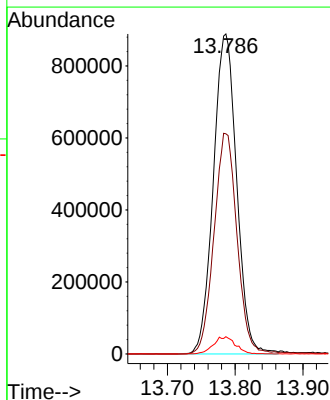
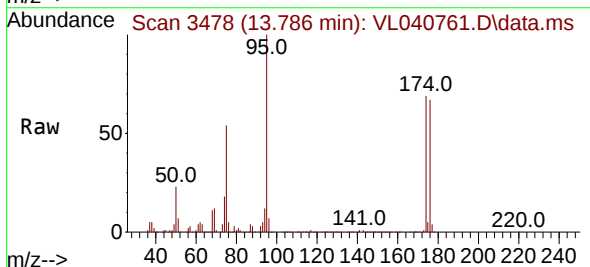
Manual Integrations
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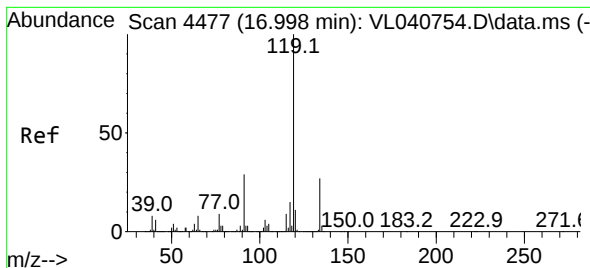
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.737 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.003 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

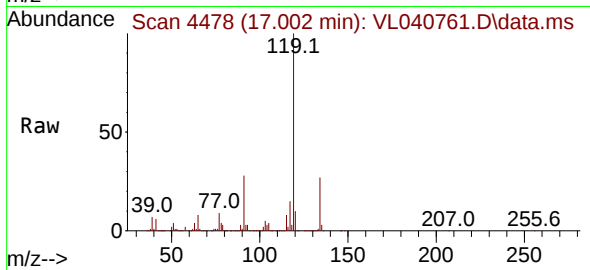
Tgt Ion: 95 Resp: 2125235
 Ion Ratio Lower Upper
 95 100
 174 68.6 54.7 82.1
 175 5.2 4.2 6.4





#69
p-Isopropyltoluene
Concen: 8.891 ppbv
RT: 17.002 min Scan# 4478
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

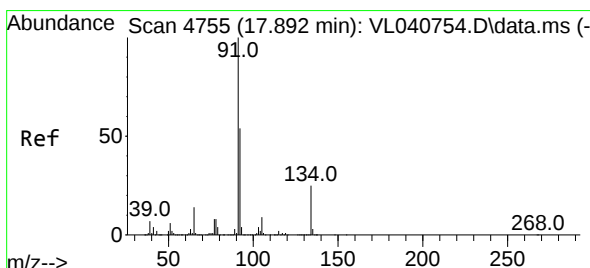
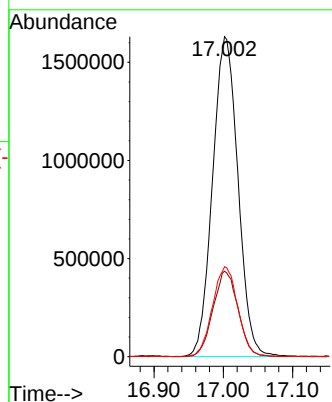
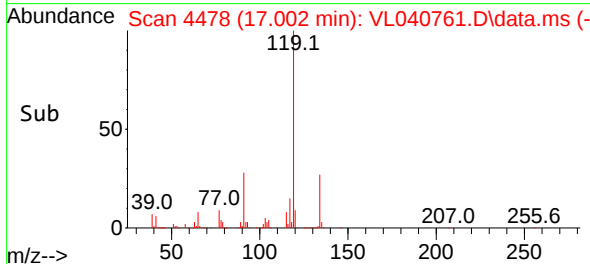
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



Tgt Ion:119 Resp: 414511
Ion Ratio Lower Upper
119 100
134 26.4 21.0 31.4
91 28.1 22.8 34.2

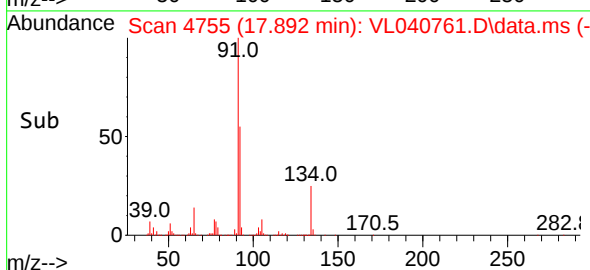
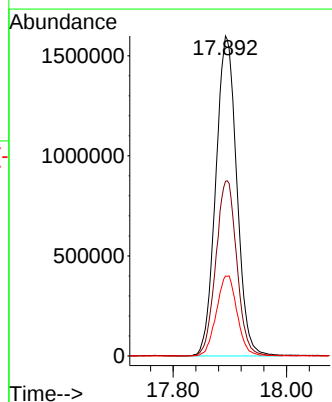
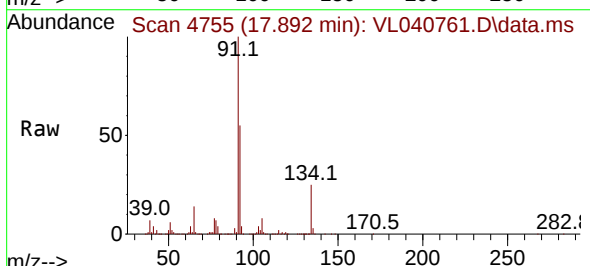
Manual Integrations
APPROVED

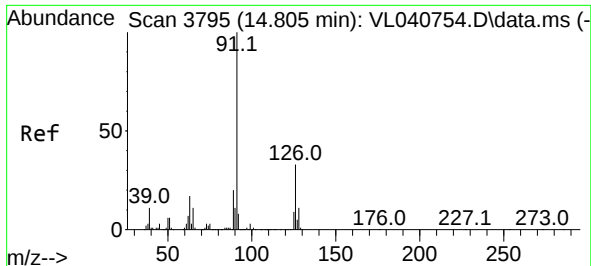
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#70
n-Butylbenzene
Concen: 8.980 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.000 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 91 Resp: 4111100
Ion Ratio Lower Upper
91 100
92 54.6 44.1 66.1
134 24.9 19.5 29.3





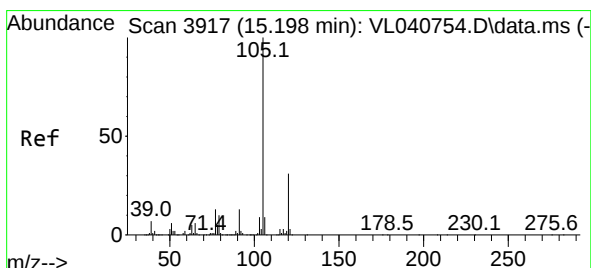
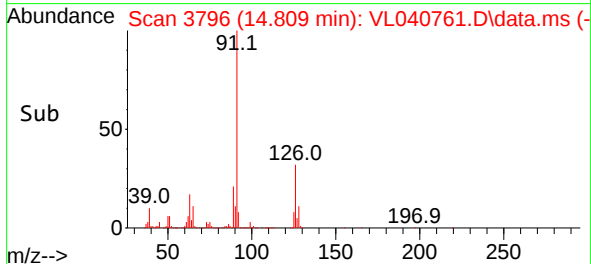
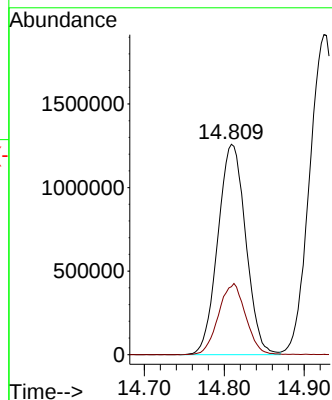
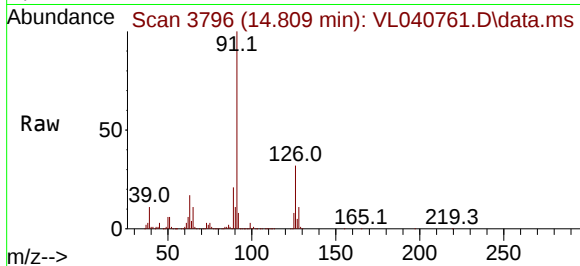
#71
2-Chlorotoluene
Concen: 9.012 ppbv
RT: 14.809 min Scan# 3795
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Instrument : MSVOA_L
ClientSampleId : ICVVL101123

Tgt Ion: 91 Resp: 3050029
Ion Ratio Lower Upper
91 100
126 33.0 13.3 53.1

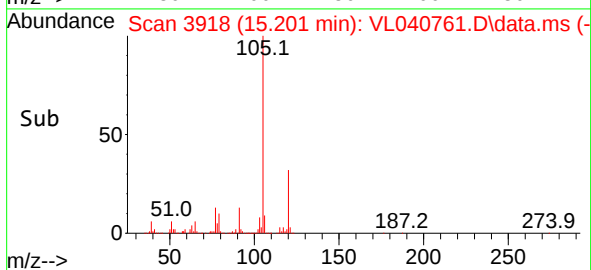
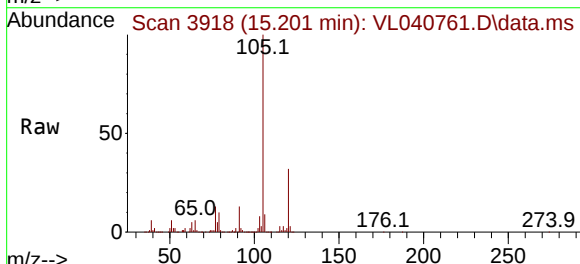
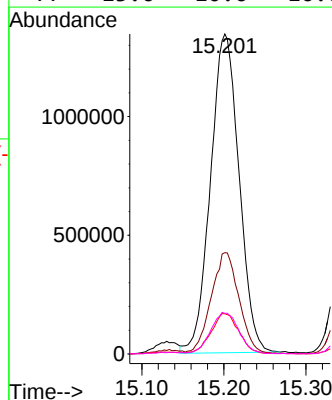
Manual Integrations
APPROVED

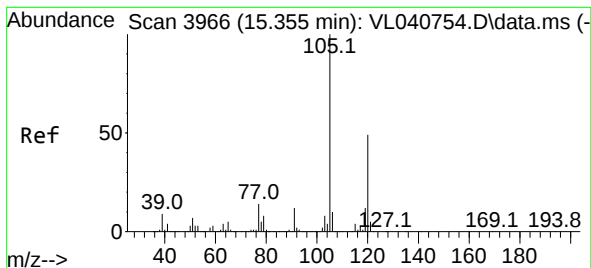
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#72
4-Ethyltoluene
Concen: 9.484 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion:105 Resp: 3252920
Ion Ratio Lower Upper
105 100
120 31.3 25.0 37.4
91 13.1 9.8 14.8
77 13.6 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 9.187 ppbv

RT: 15.359 min Scan# 3966

Delta R.T. 0.003 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101123

Tgt Ion:105 Resp: 277414

Ion Ratio Lower Upper

105 100

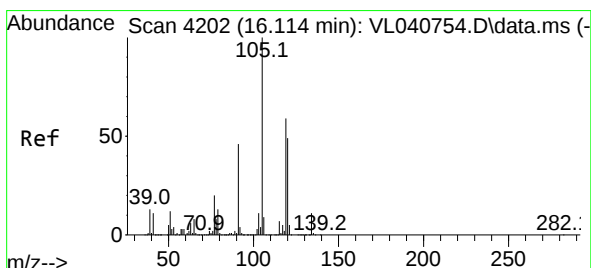
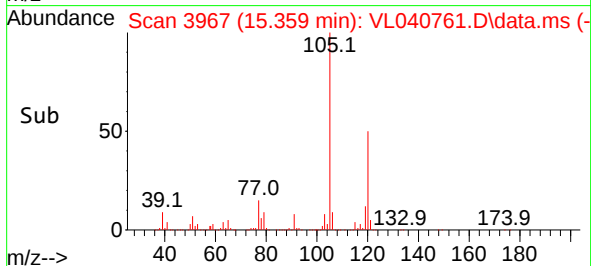
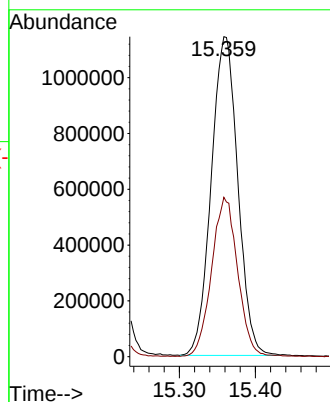
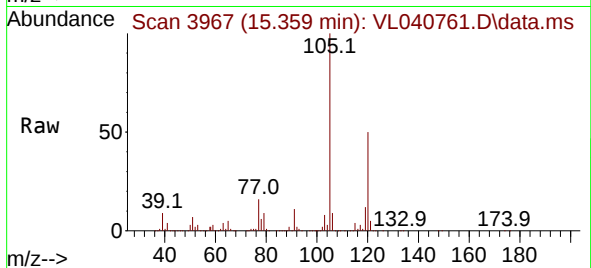
120 49.9 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#74

1,2,4-Trimethylbenzene

Concen: 8.948 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.003 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Tgt Ion:105 Resp: 2952224

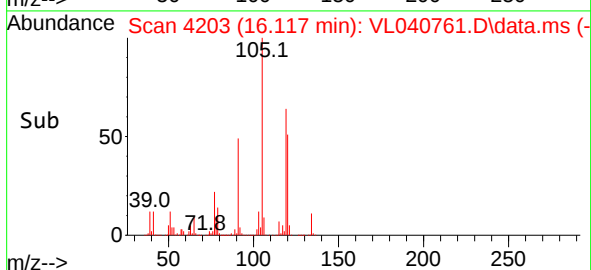
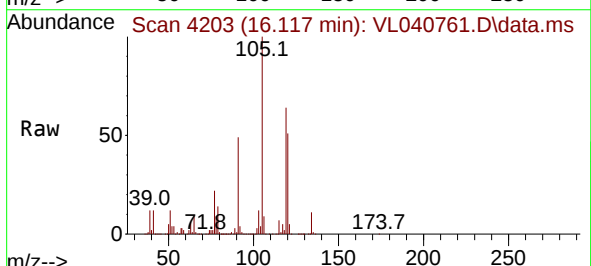
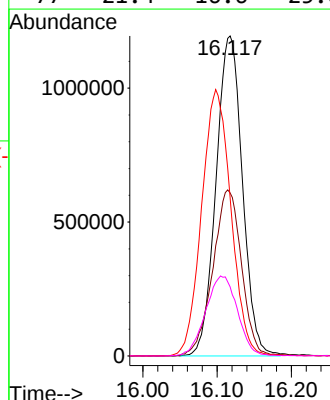
Ion Ratio Lower Upper

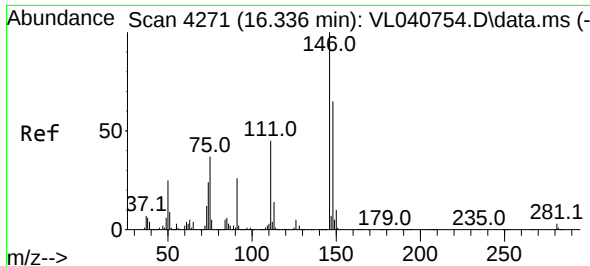
105 100

120 50.8 39.4 59.2

91 49.2 38.6 58.0

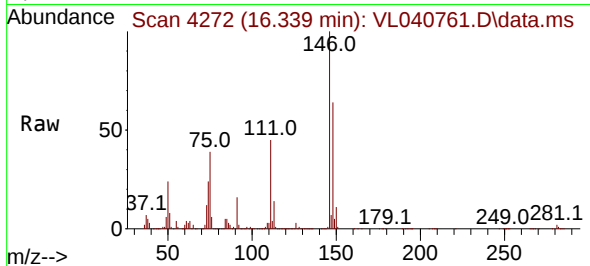
77 21.4 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 9.160 ppbv
RT: 16.339 min Scan# 4271
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

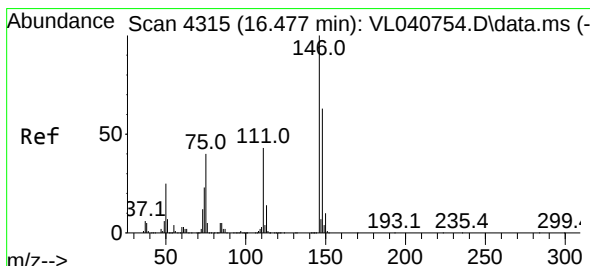
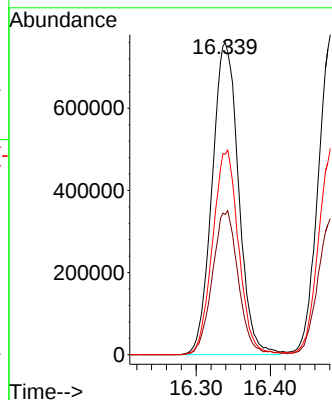
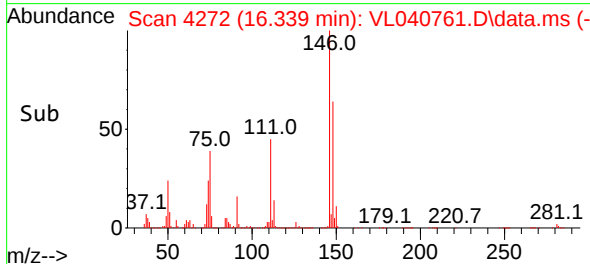
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



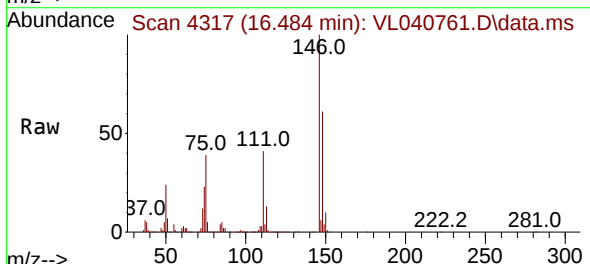
Tgt Ion:146 Resp: 187943
Ion Ratio Lower Upper
146 100
111 45.3 22.6 67.7
148 64.6 32.4 97.0

Manual Integrations
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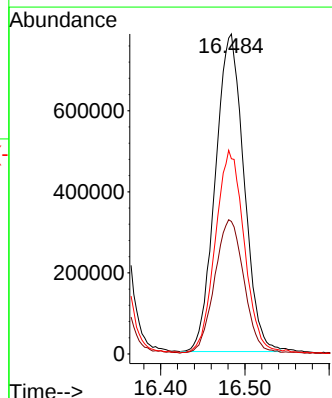
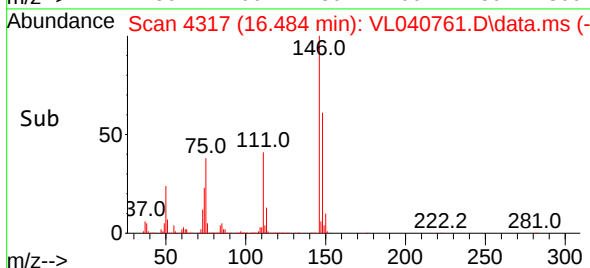
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

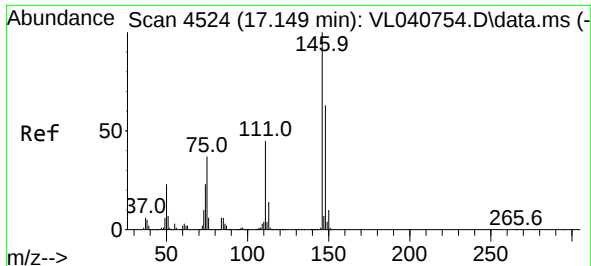


#76
1,4-Dichlorobenzene
Concen: 9.111 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45



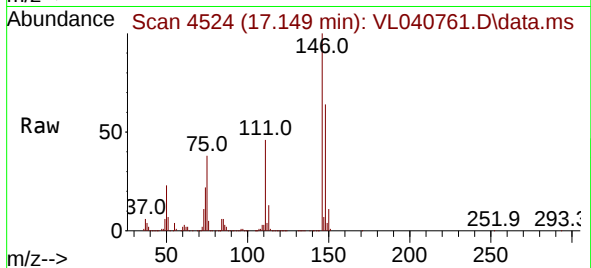
Tgt Ion:146 Resp: 1851420
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 65.7 33.4 100.1





#77
1,2-Dichlorobenzene
Concen: 8.957 ppbv
RT: 17.149 min Scan# 4524
Delta R.T. 0.000 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

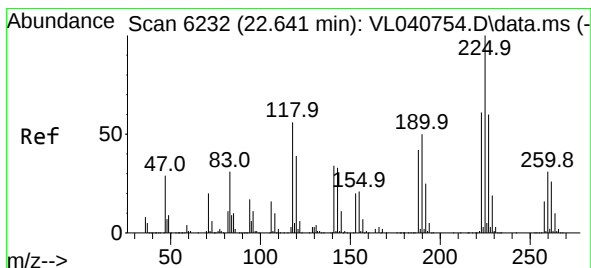
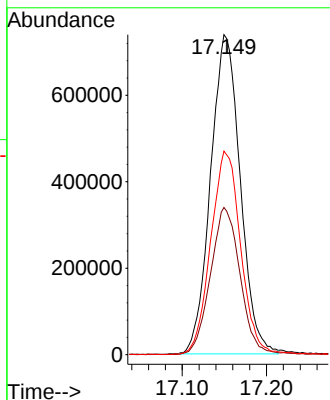
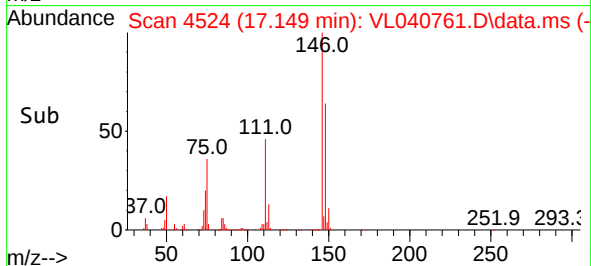
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



Tgt Ion:146 Resp: 1803349
Ion Ratio Lower Upper
146 100
111 46.3 22.9 68.8
148 64.7 32.3 96.8

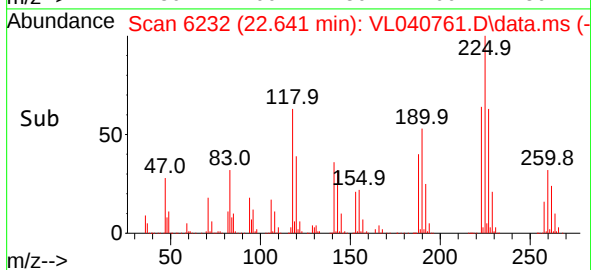
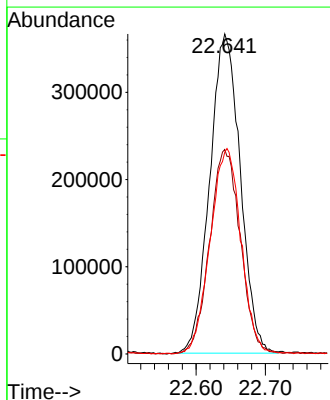
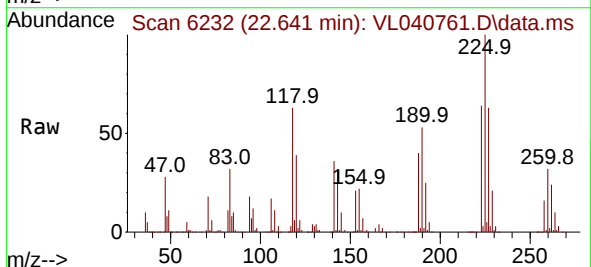
Manual Integrations
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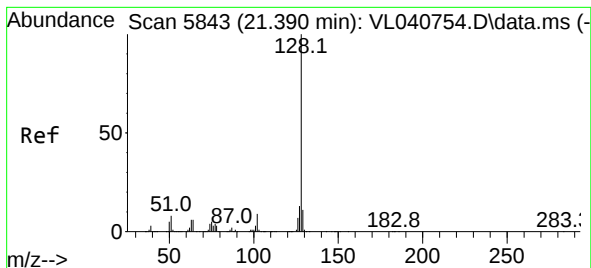
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#78
Hexachloro-1,3-Butadiene
Concen: 8.348 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. 0.000 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

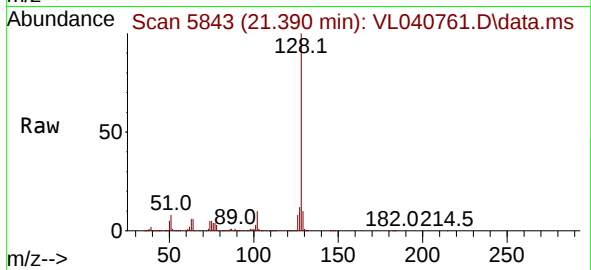
Tgt Ion:225 Resp: 1120908
Ion Ratio Lower Upper
225 100
223 64.6 50.7 76.1
227 64.9 51.4 77.0





#79
Naphthalene
Concen: 10.418 ppbv
RT: 21.390 min Scan# 5843
Delta R.T. 0.000 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

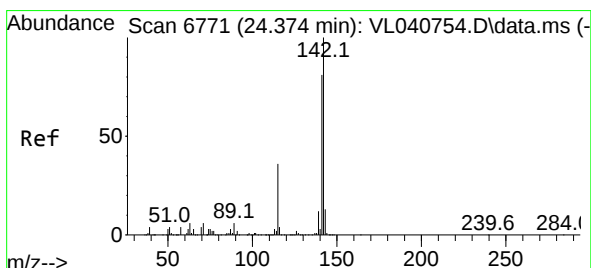
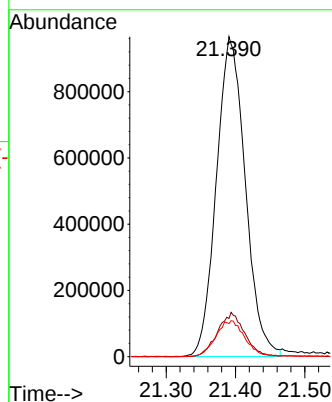
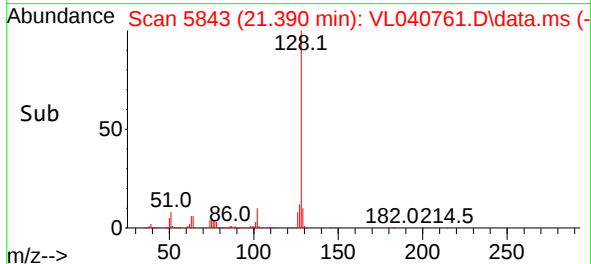
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101123



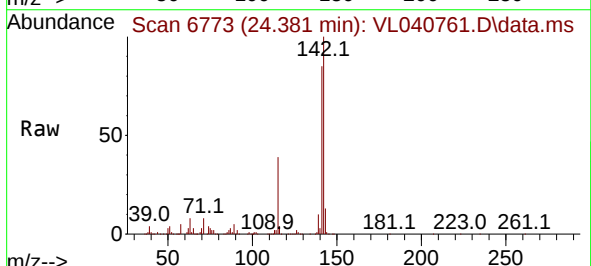
Tgt Ion:128 Resp: 2793820
Ion Ratio Lower Upper
128 100
127 11.9 10.6 15.8
129 10.3 9.0 13.4

Manual Integrations
APPROVED

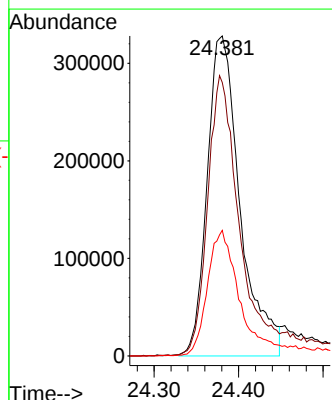
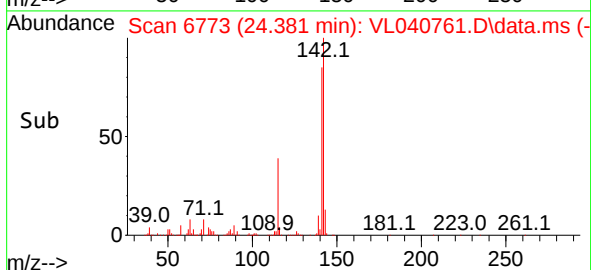
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

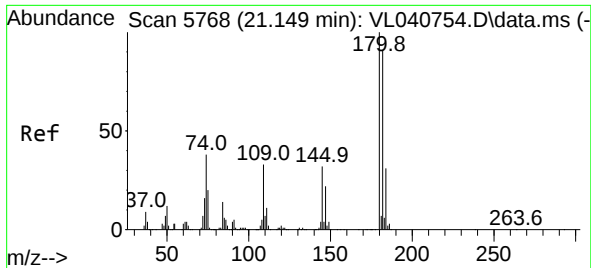


#80
Naphthalene,2-methyl-
Concen: 11.845 ppbv m
RT: 24.381 min Scan# 6773
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45



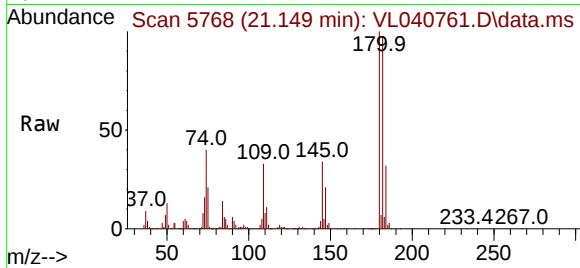
Tgt Ion:142 Resp: 891412
Ion Ratio Lower Upper
142 100
141 93.9 66.3 99.5
115 43.0 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.835 ppbv
 RT: 21.149 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101123



Tgt Ion:180 Resp: 1388860
 Ion Ratio Lower Upper
 180 100
 182 97.2 77.9 116.9
 184 31.0 25.0 37.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

