

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040763.D
 Acq On : 11 Oct 2023 19:21
 Operator : SY/MD
 Sample : VL1011ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1011ABS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 00:28:08 2023

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

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

QLast Update : Thu Oct 12 00:21:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	986396	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2755451	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2793790m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 1982228 9.642 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.761	85	1706983	9.827	ppbv	99
3) Chlorodifluoromethane	2.706	51	1381160	9.528	ppbv	100
4) Chloromethane	2.845	50	525913	9.188	ppbv	100
5) Vinyl Chloride	2.951	62	554234	9.371	ppbv	99
6) Bromomethane	3.147	94	246675	10.081	ppbv	98
7) Chloroethane	3.227	64	186336	9.678	ppbv	99
8) Dichlorotetrafluoroethane	2.887	85	1273277	9.670	ppbv	98
9) Propene	2.726	41	523645	9.725	ppbv	96
10) Heptane	7.594	43	1277469	9.445	ppbv	100
11) Trichlorofluoromethane	3.587	101	1305886	9.741	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.089	101	908883	9.505	ppbv	99
13) Ethanol	3.269	45	100563	8.274	ppbv	98
14) Bromoethene	3.395	108	407186	9.944	ppbv	99
15) Acetone	3.494	43	935193	9.171	ppbv	99
16) 1,3-Butadiene	3.015	39	528676	9.882	ppbv	99
17) tert-Butyl alcohol	3.903	59	913312	8.735	ppbv	98
18) 1,1-Dichloroethene	3.906	96	425728	9.934	ppbv	100
19) Isopropyl Alcohol	3.600	45	594974	9.064	ppbv #	39
20) Methylene Chloride	3.957	84	342179	8.056	ppbv	98
21) Allyl Chloride	4.018	41	659080	9.800	ppbv	98
22) trans-1,2-Dichloroethene	4.468	96	448461	9.832	ppbv	99
23) Vinyl Acetate	4.649	43	1465816	11.279	ppbv	98
24) 1,1-Dichloroethane	4.584	63	1114943	11.375	ppbv	99
25) Ethyl Acetate	5.224	43	2146323	9.606	ppbv	99
26) Hexane	5.234	57	945175	9.256	ppbv	99
27) Carbon Disulfide	4.147	76	1098950	9.754	ppbv	100
28) Methyl tert-Butyl Ether	4.607	73	917762	11.558	ppbv	99
29) Chloroform	5.295	83	1462884	9.901	ppbv	98
30) Cyclohexane	6.616	84	840440	9.672	ppbv	97
31) cis-1,2-Dichloroethene	5.099	61	961290	10.215	ppbv	98
32) 1,1,1-Trichloroethane	6.021	97	1489969	9.475	ppbv	99
34) 2-Butanone	4.806	43	1349341	10.819	ppbv	98
35) Carbon Tetrachloride	6.510	117	1545610	9.994	ppbv	95
36) Benzene	6.388	78	2061106	9.725	ppbv	98
37) 1,2-Dichloroethane	5.825	62	1091616	10.057	ppbv	100
38) Trichloroethene	7.304	130	797349	8.501	ppbv	97
39) 1,2-Dichloropropane	7.089	63	793240	9.580	ppbv	97
40) 1,4-Dioxane	7.298	88	302704	9.660	ppbv #	97
41) Tetrahydrofuran	5.575	42	850153	9.843	ppbv	99
42) Bromodichloromethane	7.263	83	1629466	10.021	ppbv	98
43) Methyl Methacrylate	7.488	69	843200	9.939	ppbv	98
44) 2,2,4-Trimethylpentane	7.343	57	3326486	9.281	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	718759	10.624	ppbv	98

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

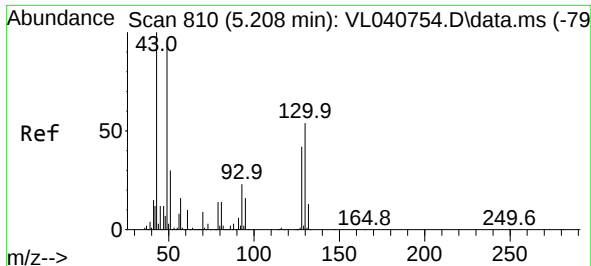
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Thu Oct 12 00:21:08 2023

Response via : Initial Calibration

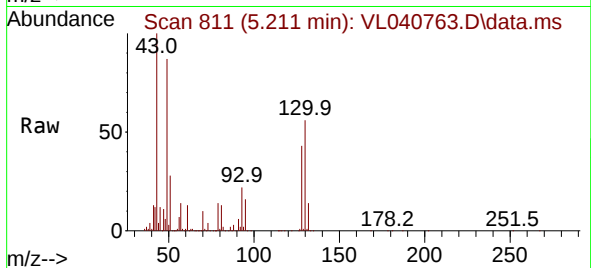
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	824956	9.981	ppbv	98
47) 1,1,2-Trichloroethane	8.909	97	849813	9.770	ppbv	99
48) Dibromochloromethane	9.722	129	1481896	10.167	ppbv	100
49) Bromoform	12.417	173	1228788	10.370	ppbv	100
50) 4-Methyl-2-Pentanone	8.195	43	2069426	9.699	ppbv	100
51) 2-Hexanone	9.558	43	1537619	9.469	ppbv #	98
52) Tetrachloroethene	10.623	164	766173	8.900	ppbv	97
53) Toluene	9.234	91	2387758	9.466	ppbv	98
54) 1,2-Dibromoethane	10.021	107	1236493	10.141	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.520	131	1058660	9.285	ppbv	96
57) Chlorobenzene	11.536	112	1830255	9.143	ppbv	100
58) Ethyl Benzene	12.098	91	3171193	9.015	ppbv	98
59) m/p-Xylene	12.378	91	5240315m	18.101	ppbv	
60) o-Xylene	13.066	91	2475145	8.973	ppbv	99
61) Styrene	12.905	104	1444438	9.451	ppbv	100
62) Isopropylbenzene	14.037	105	3805764	8.968	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.057	83	1761325	8.517	ppbv	99
64) n-propylbenzene	14.925	120	1055786	9.261	ppbv	99
65) tert-Butylbenzene	16.095	119	3348494	8.748	ppbv	100
66) Benzyl Chloride	16.333	91	377943	9.801	ppbv	100
67) sec-Butylbenzene	16.642	105	4691973	8.953	ppbv	99
69) p-Isopropyltoluene	17.002	119	3949604	8.994	ppbv	99
70) n-Butylbenzene	17.892	91	3903545	9.053	ppbv	100
71) 2-Chlorotoluene	14.809	91	2874538	9.017	ppbv	99
72) 4-Ethyltoluene	15.198	105	3017757	9.342	ppbv	99
73) 1,3,5-Trimethylbenzene	15.359	105	2638352	9.277	ppbv	99
74) 1,2,4-Trimethylbenzene	16.114	105	2784049	8.959	ppbv	96
75) 1,3-Dichlorobenzene	16.336	146	1769989	9.159	ppbv	100
76) 1,4-Dichlorobenzene	16.481	146	1755166	9.171	ppbv	99
77) 1,2-Dichlorobenzene	17.150	146	1717681	9.058	ppbv	99
78) Hexachloro-1,3-Butadiene	22.641	225	1098189	8.094	ppbv	99
79) Naphthalene	21.391	128	2599324	10.291	ppbv	100
80) Naphthalene,2-methyl-	24.381	142	740182	10.443	ppbv	98
81) 1,2,4-Trichlorobenzene	21.146	180	1281426	9.344	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

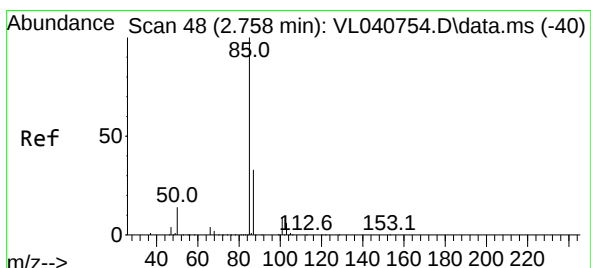
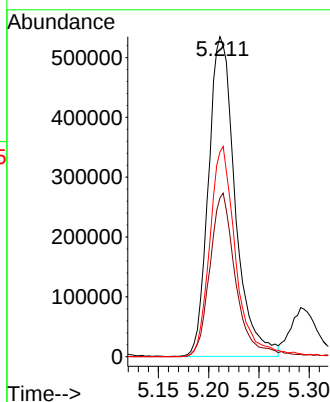
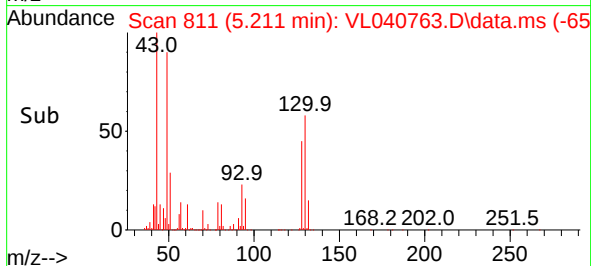
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



Tgt Ion: 49 Resp: 986390
Ion Ratio Lower Upper
49 100
128 50.1 23.9 71.7
130 64.9 30.7 92.1

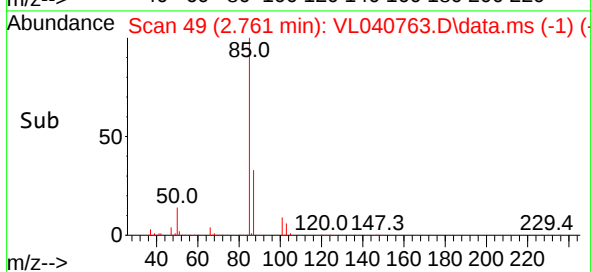
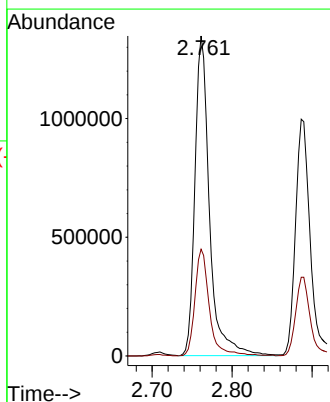
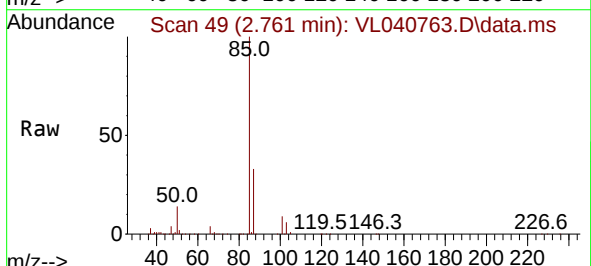
Manual Integrations
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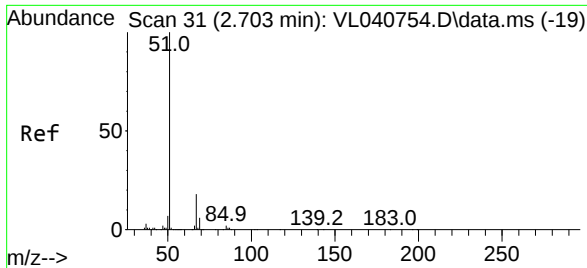
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#2
Dichlorodifluoromethane
Concen: 9.827 ppbv
RT: 2.761 min Scan# 49
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion: 85 Resp: 1706983
Ion Ratio Lower Upper
85 100
87 33.3 26.0 39.0





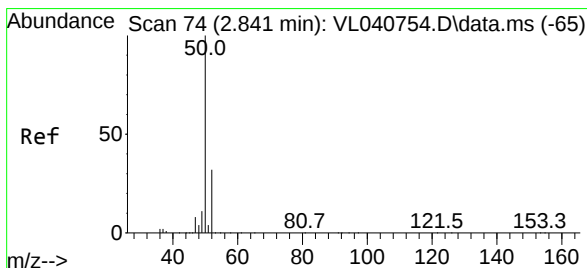
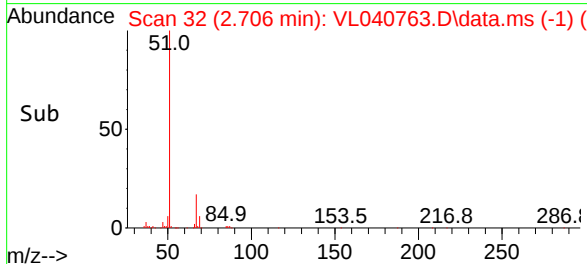
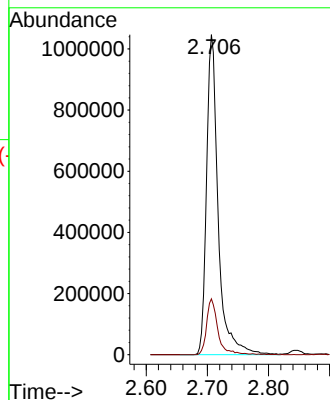
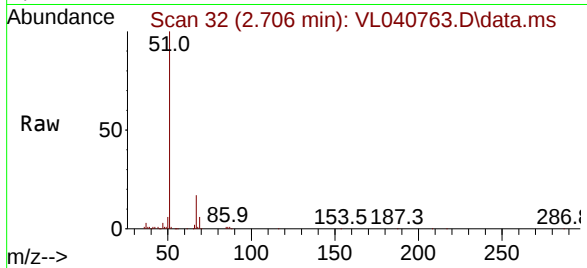
#3
Chlorodifluoromethane
Concen: 9.528 ppbv
RT: 2.706 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01

Tgt Ion: 51 Resp: 1381160
Ion Ratio Lower Upper
51 100
67 17.1 13.8 20.6

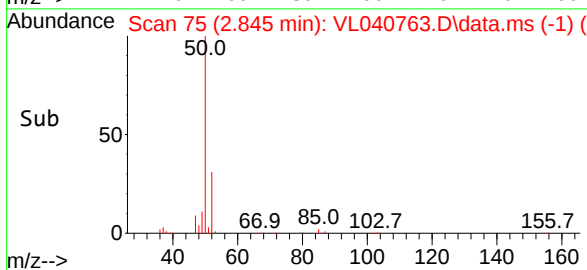
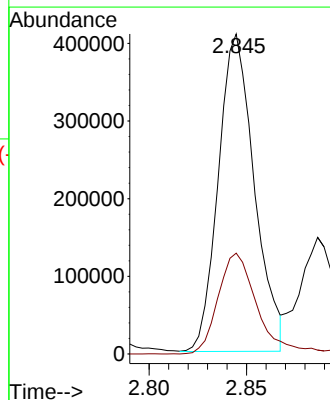
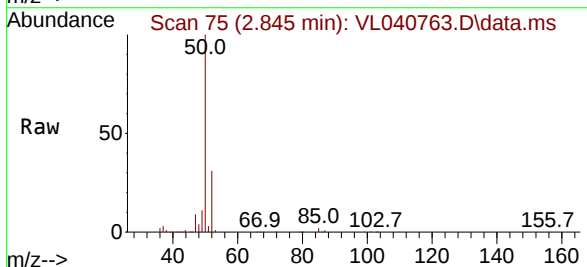
Manual Integrations
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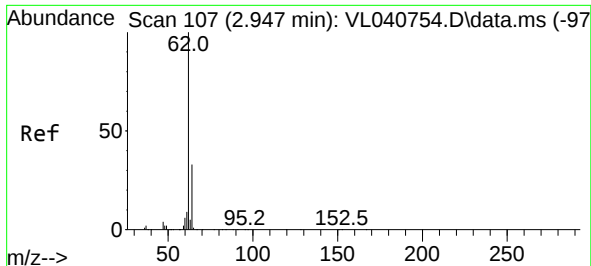
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#4
Chloromethane
Concen: 9.188 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion: 50 Resp: 525913
Ion Ratio Lower Upper
50 100
52 31.8 25.3 37.9





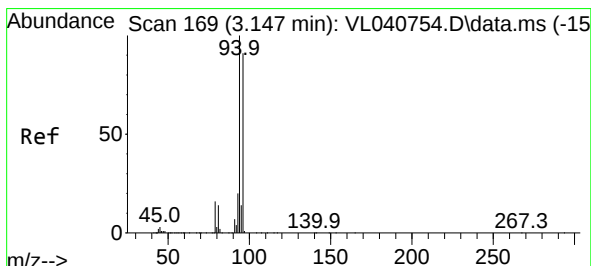
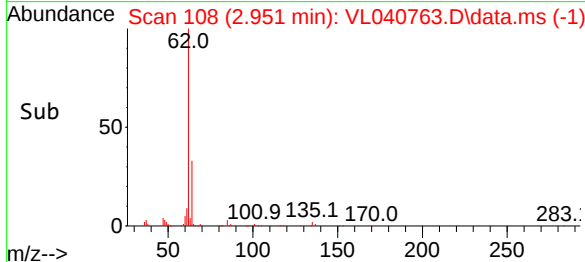
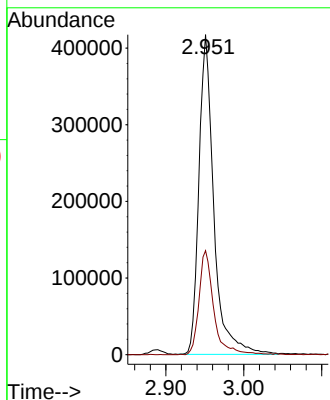
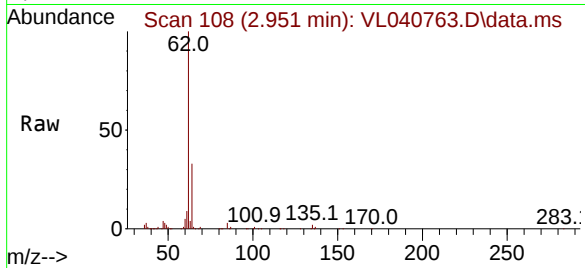
#5
 Vinyl Chloride
 Concen: 9.371 ppbv
 RT: 2.951 min Scan# 107
 Delta R.T. 0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1011ABS01

Tgt Ion: 62 Resp: 554234
 Ion Ratio Lower Upper
 62 100
 64 32.5 26.6 39.8

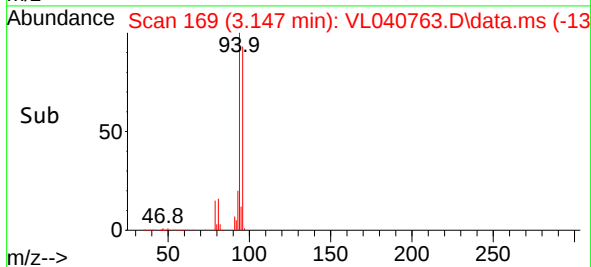
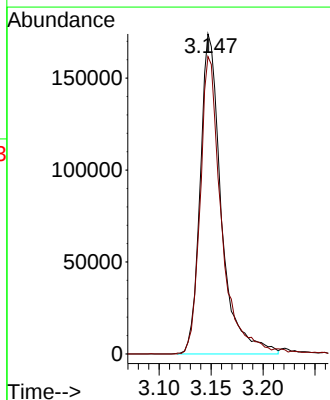
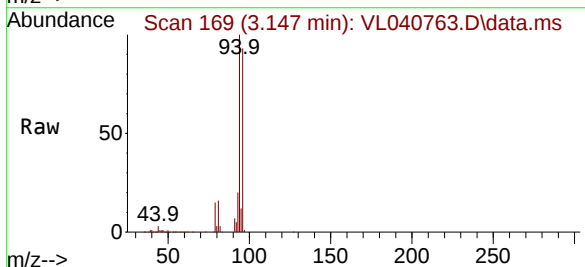
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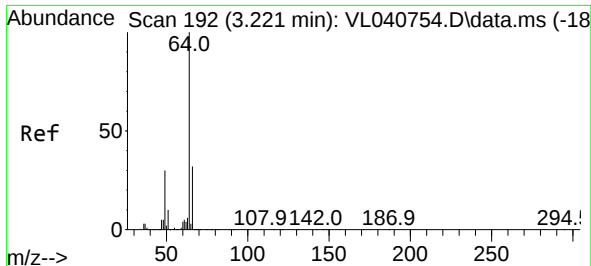
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#6
 Bromomethane
 Concen: 10.081 ppbv
 RT: 3.147 min Scan# 169
 Delta R.T. 0.000 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

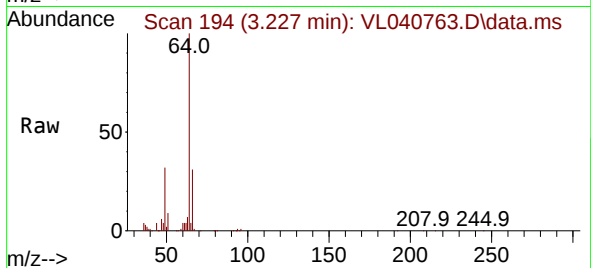
Tgt Ion: 94 Resp: 246675
 Ion Ratio Lower Upper
 94 100
 96 92.6 72.6 109.0





#7
Chloroethane
Concen: 9.678 ppbv
RT: 3.227 min Scan# 192
Delta R.T. 0.007 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

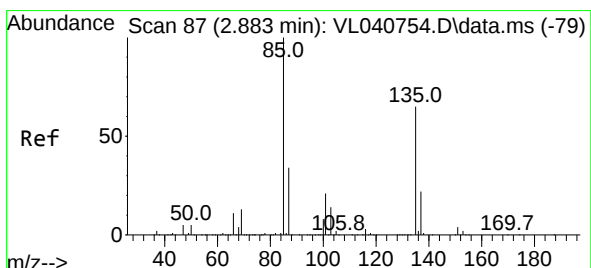
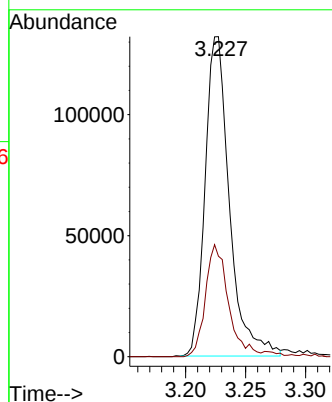
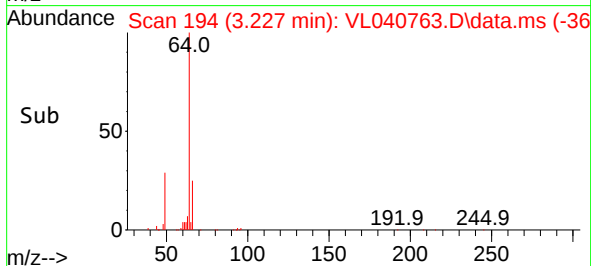
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



Tgt Ion: 64 Resp: 186330
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.2

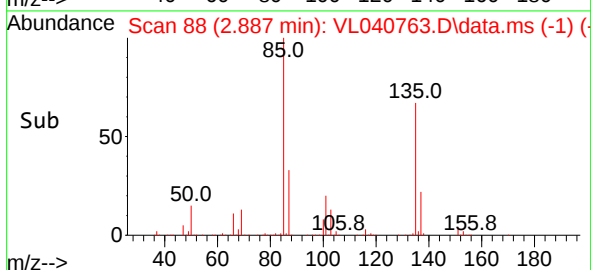
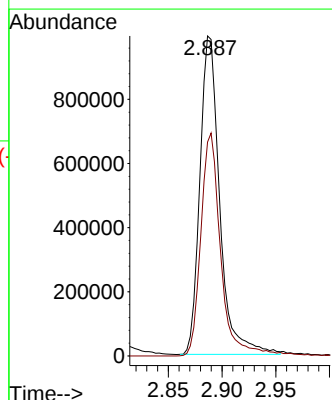
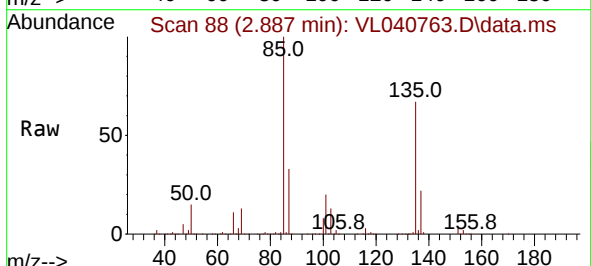
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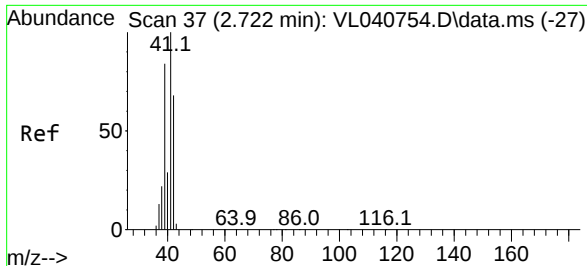
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#8
Dichlorotetrafluoroethane
Concen: 9.670 ppbv
RT: 2.887 min Scan# 88
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

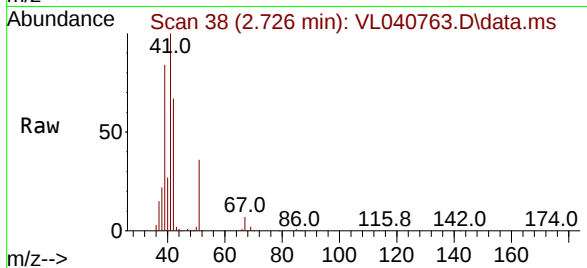
Tgt Ion: 85 Resp: 1273277
Ion Ratio Lower Upper
85 100
135 70.8 55.4 83.2





#9
 Propene
 Concen: 9.725 ppbv
 RT: 2.726 min Scan# 38
 Delta R.T. 0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

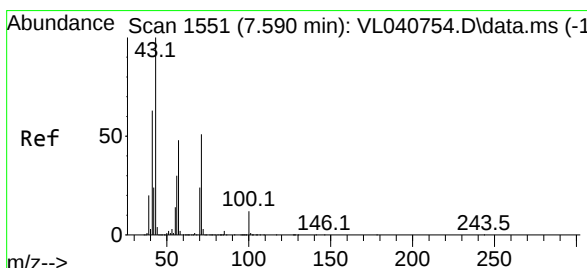
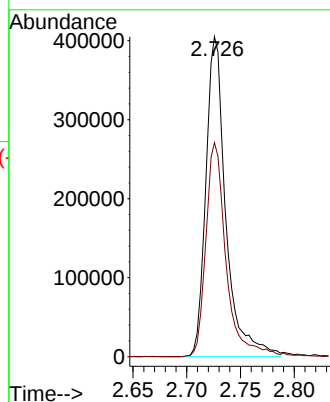
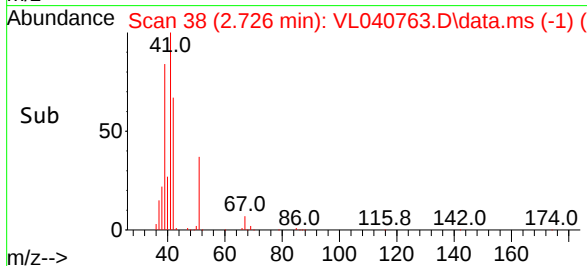
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1011ABS01



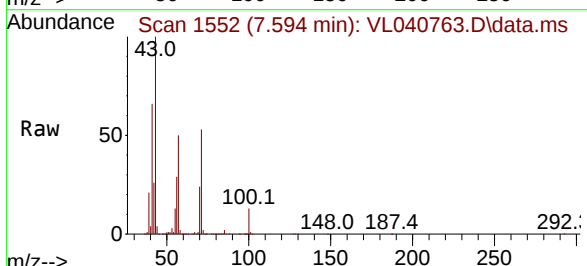
Tgt Ion: 41 Resp: 523645
 Ion Ratio Lower Upper
 41 100
 42 68.4 57.1 85.7

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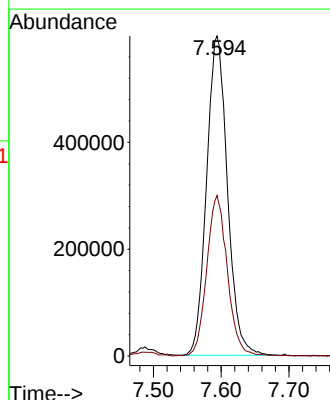
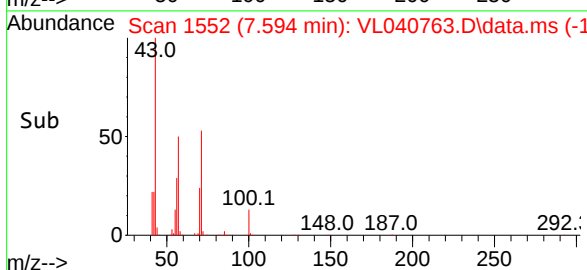
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

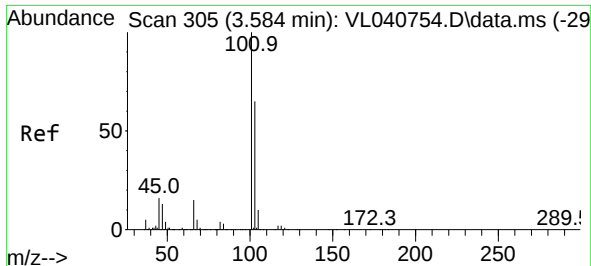


#10
 Heptane
 Concen: 9.445 ppbv
 RT: 7.594 min Scan# 1552
 Delta R.T. 0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21



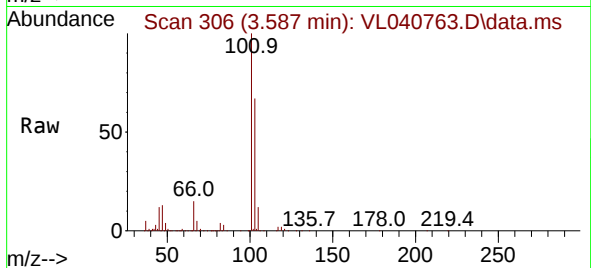
Tgt Ion: 43 Resp: 1277469
 Ion Ratio Lower Upper
 43 100
 57 49.9 40.0 60.0





#11
Trichlorofluoromethane
Concen: 9.741 ppbv
RT: 3.587 min Scan# 305
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

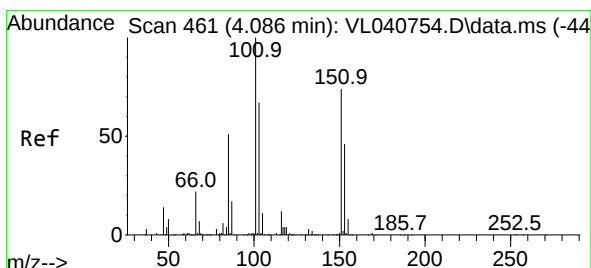
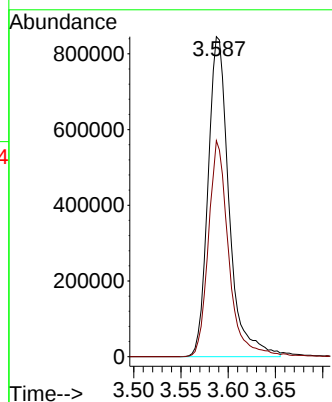
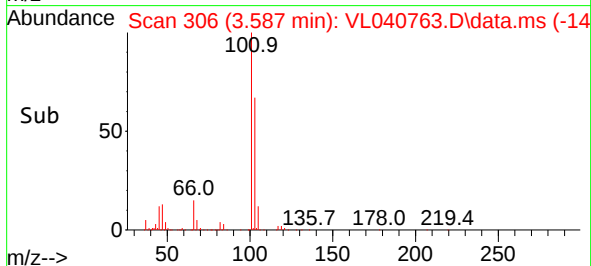
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



Tgt Ion:101 Resp: 130588
Ion Ratio Lower Upper
101 100
103 67.5 52.2 78.2

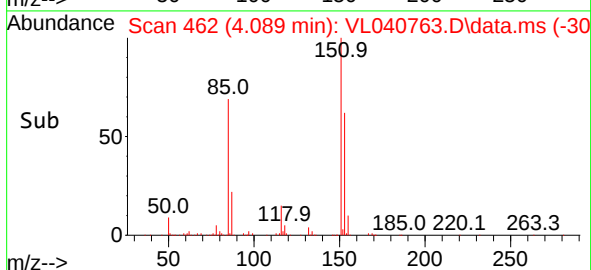
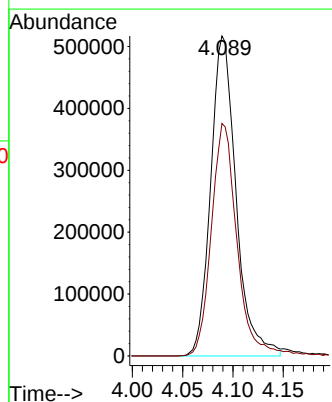
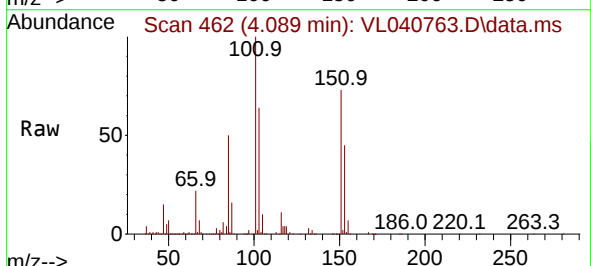
Manual Integrations
APPROVED

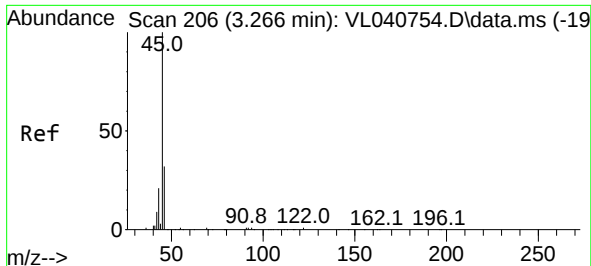
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.505 ppbv
RT: 4.089 min Scan# 462
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion:101 Resp: 908883
Ion Ratio Lower Upper
101 100
151 73.8 58.1 87.1





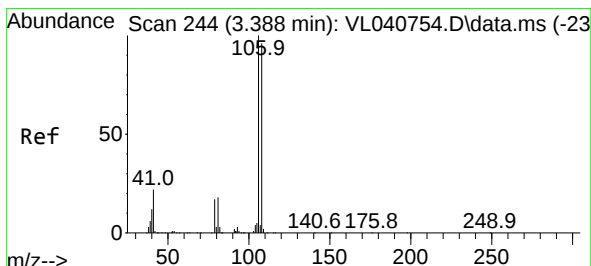
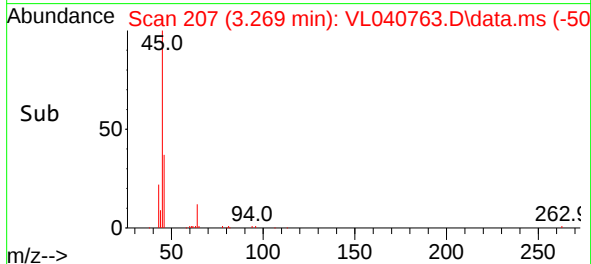
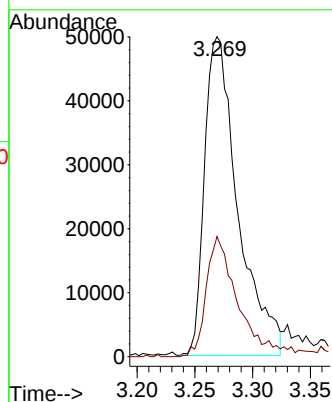
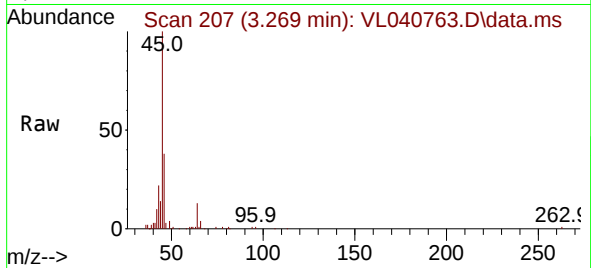
#13
Ethanol
Concen: 8.274 ppbv
RT: 3.269 min Scan# 206
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01

Tgt Ion: 45 Resp: 100561
Ion Ratio Lower Upper
45 100
46 37.8 14.6 58.2

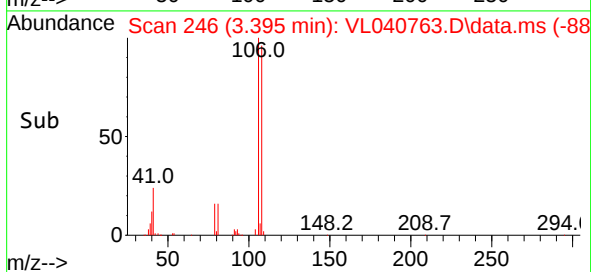
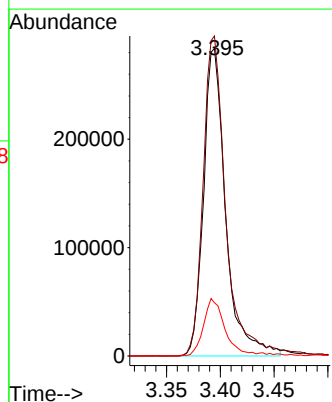
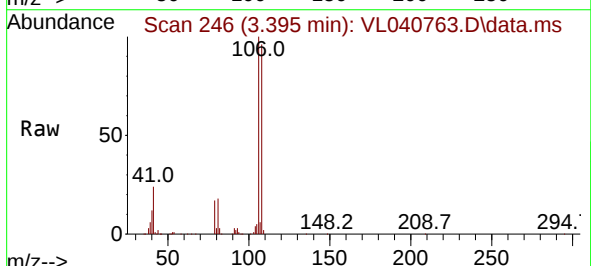
Manual Integrations
APPROVED

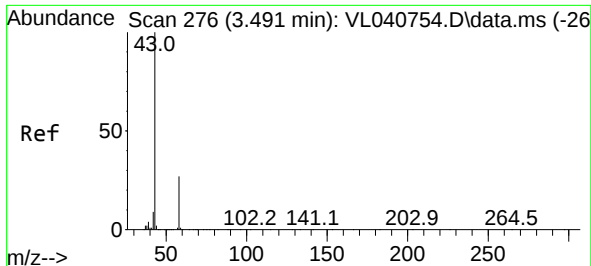
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#14
Bromoethene
Concen: 9.944 ppbv
RT: 3.395 min Scan# 246
Delta R.T. 0.007 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

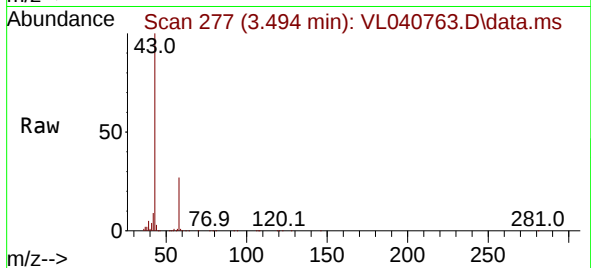
Tgt Ion:108 Resp: 407186
Ion Ratio Lower Upper
108 100
106 107.4 85.2 127.8
79 18.7 15.7 23.5





#15
Acetone
Concen: 9.171 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

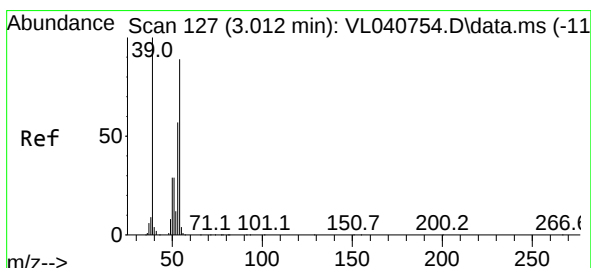
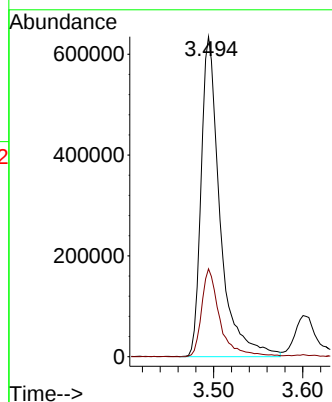
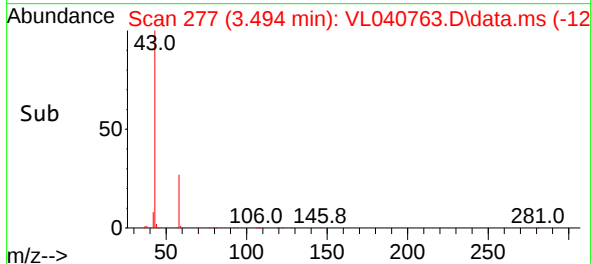
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



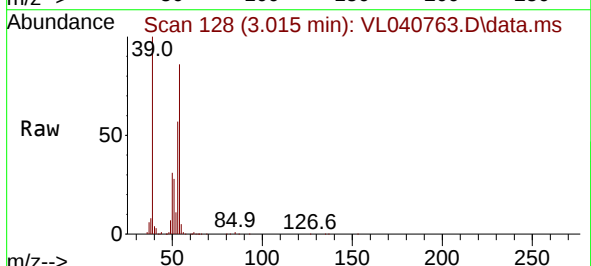
Tgt Ion: 43 Resp: 93519
Ion Ratio Lower Upper
43 100
58 26.6 21.6 32.4

Manual Integrations
APPROVED

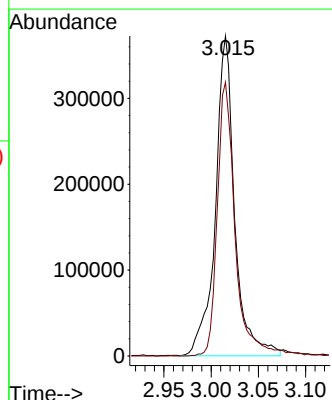
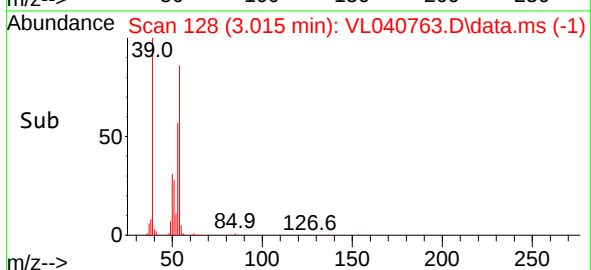
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

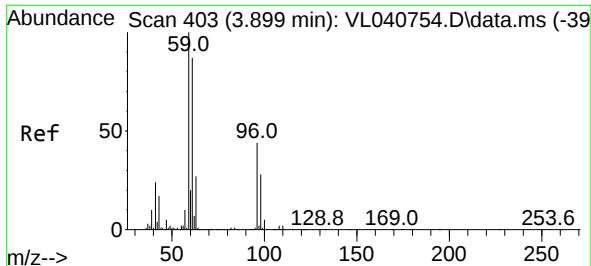


#16
1,3-Butadiene
Concen: 9.882 ppbv
RT: 3.015 min Scan# 128
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



Tgt Ion: 39 Resp: 528676
Ion Ratio Lower Upper
39 100
54 79.8 63.0 94.6





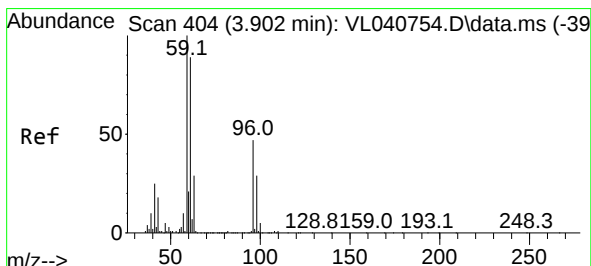
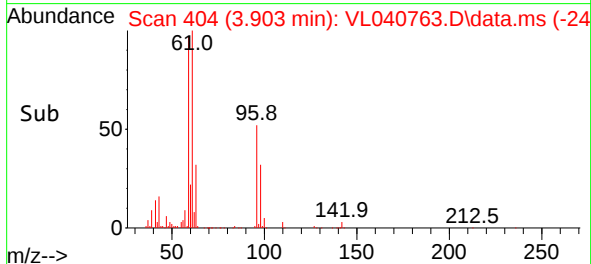
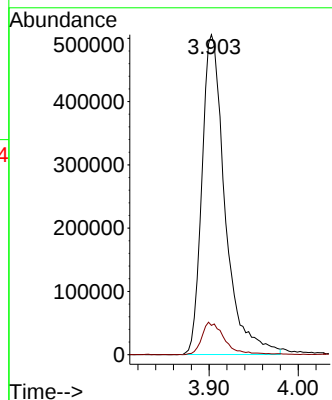
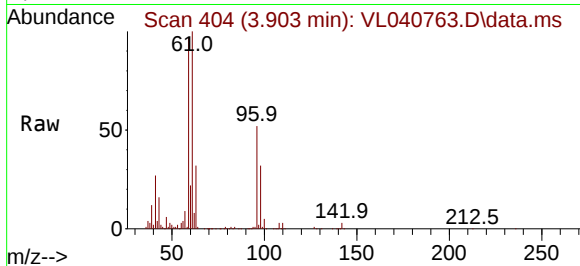
#17
tert-Butyl alcohol
Concen: 8.735 ppbv
RT: 3.903 min Scan# 403
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01

Tgt Ion: 59 Resp: 913312
Ion Ratio Lower Upper
59 100
57 10.2 8.6 13.0

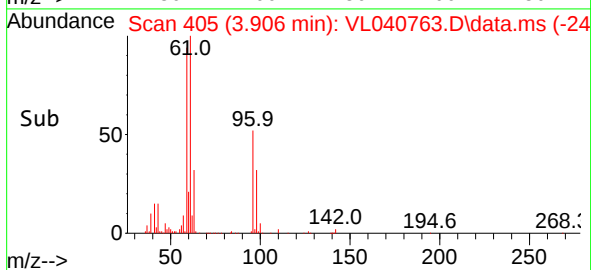
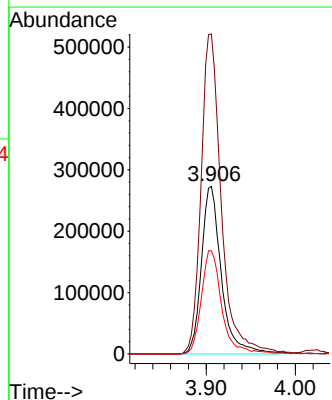
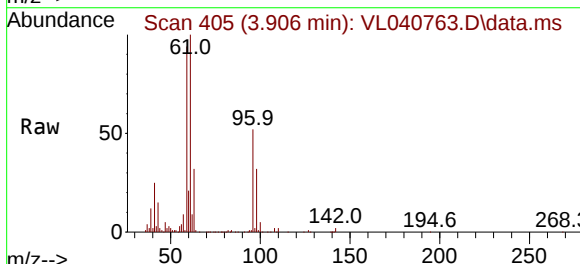
Manual Integrations
APPROVED

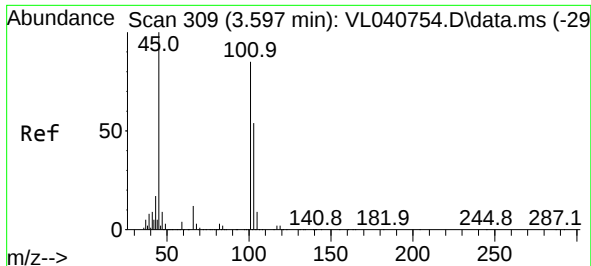
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#18
1,1-Dichloroethene
Concen: 9.934 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

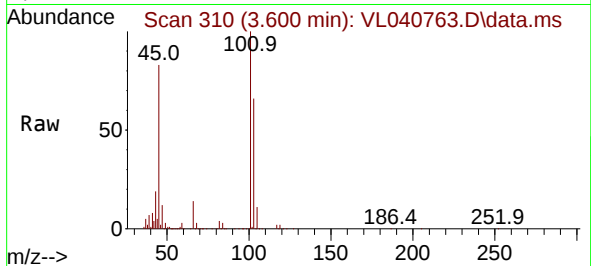
Tgt Ion: 96 Resp: 425728
Ion Ratio Lower Upper
96 100
61 190.9 152.5 228.7
98 61.6 49.6 74.4





#19
Isopropyl Alcohol
Concen: 9.064 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

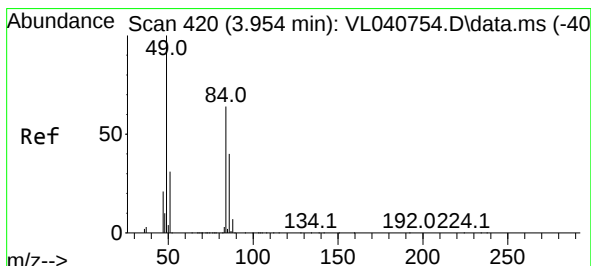
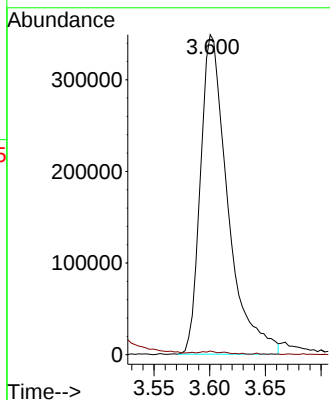
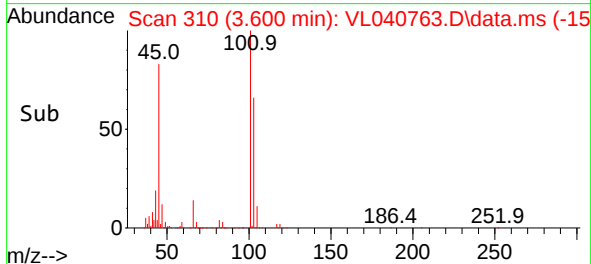
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



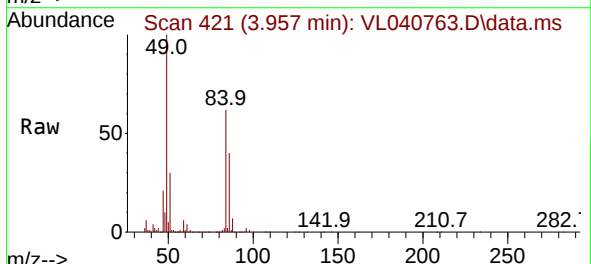
Tgt Ion: 45 Resp: 594974
Ion Ratio Lower Upper
45 100
58 1.4 30.3 45.5

Manual Integrations
APPROVED

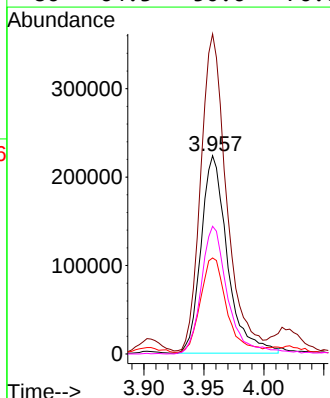
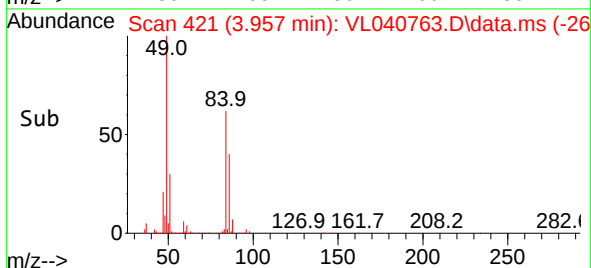
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

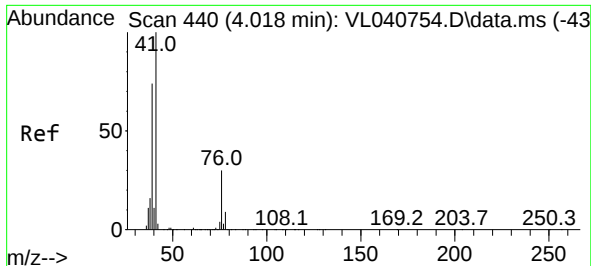


#20
Methylene Chloride
Concen: 8.056 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



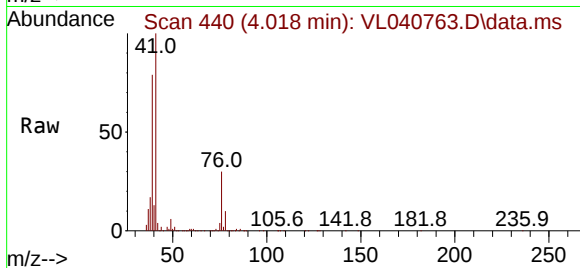
Tgt Ion: 84 Resp: 342179
Ion Ratio Lower Upper
84 100
49 160.4 125.6 188.4
51 47.8 38.9 58.3
86 64.3 50.6 76.0





#21
 Allyl Chloride
 Concen: 9.800 ppbv
 RT: 4.018 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

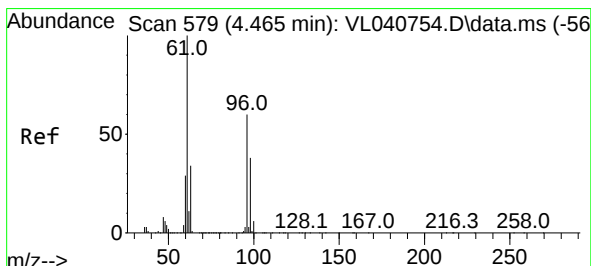
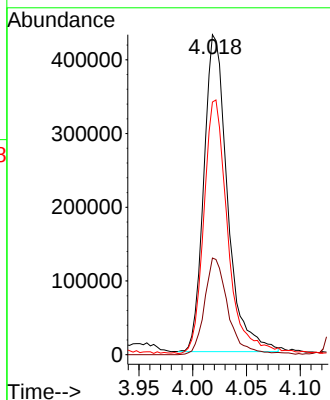
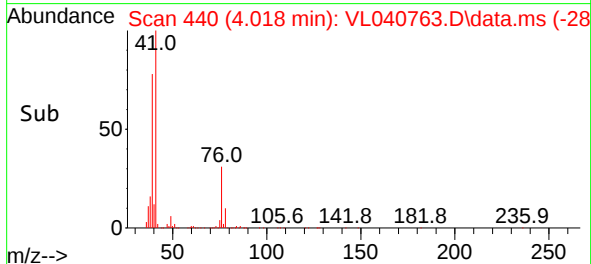
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1011ABS01



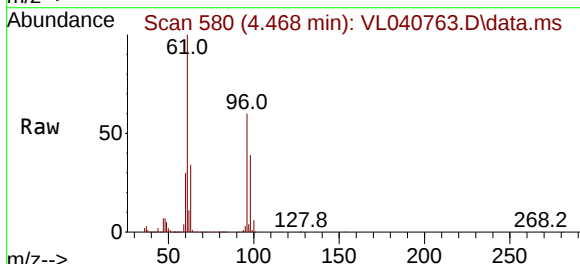
Tgt Ion: 41 Resp: 659080
 Ion Ratio Lower Upper
 41 100
 76 30.5 24.1 36.1
 39 81.7 63.8 95.6

Manual Integrations
 APPROVED

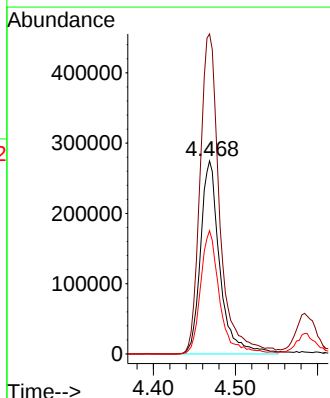
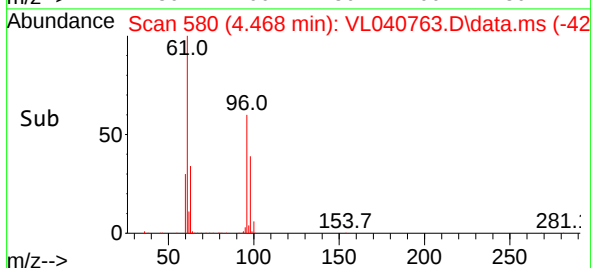
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

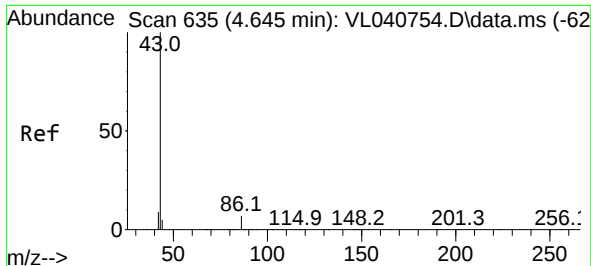


#22
 trans-1,2-Dichloroethene
 Concen: 9.832 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21



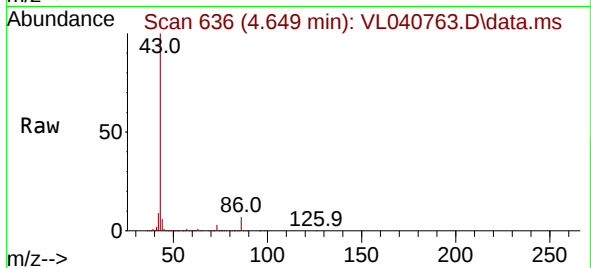
Tgt Ion: 96 Resp: 448461
 Ion Ratio Lower Upper
 96 100
 61 165.7 134.0 201.0
 98 63.9 51.0 76.4





#23
 Vinyl Acetate
 Concen: 11.279 ppbv
 RT: 4.649 min Scan# 616
 Delta R.T. 0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

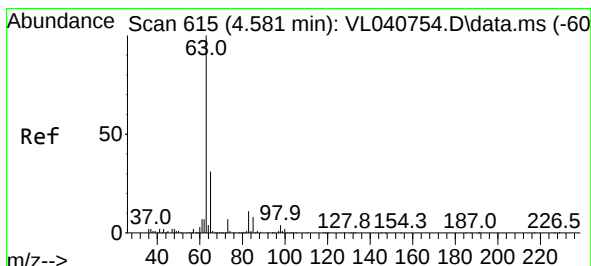
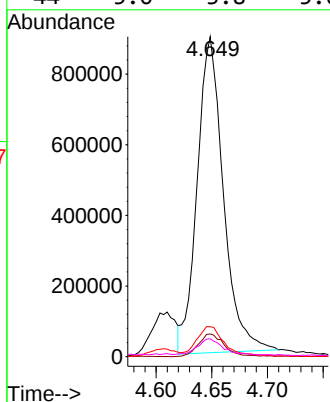
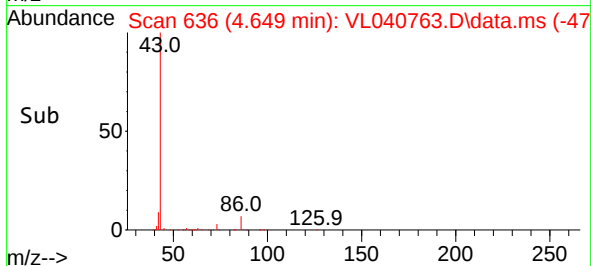
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1011ABS01



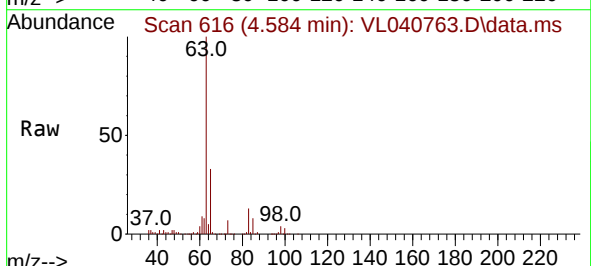
Tgt Ion: 43 Resp: 1465810
 Ion Ratio Lower Upper
 43 100
 86 7.1 4.9 7.3
 42 9.3 7.8 11.6
 44 5.0 3.8 5.6

Manual Integrations
 APPROVED

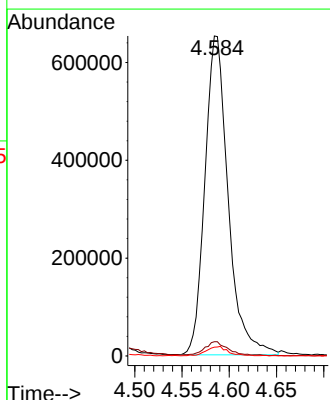
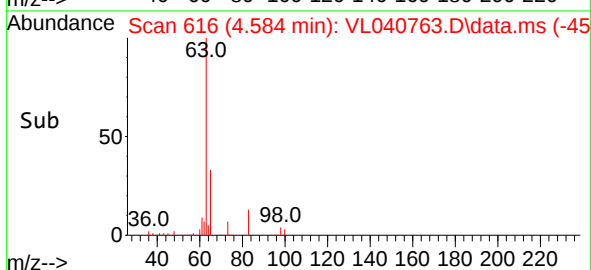
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

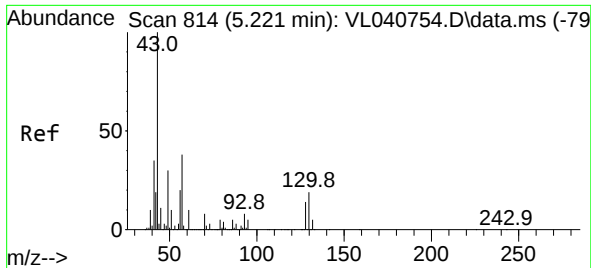


#24
 1,1-Dichloroethane
 Concen: 11.375 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21



Tgt Ion: 63 Resp: 1114943
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.0 5.8
 100 2.7 1.3 3.8





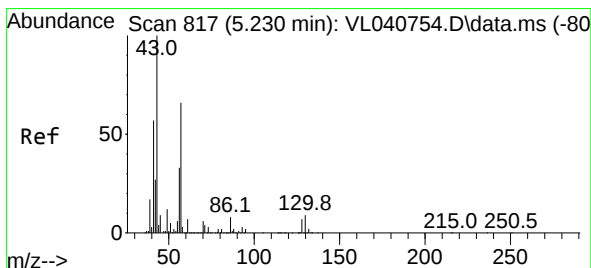
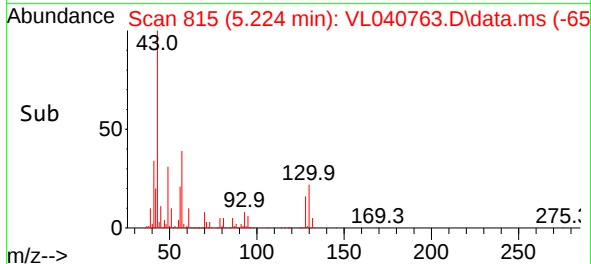
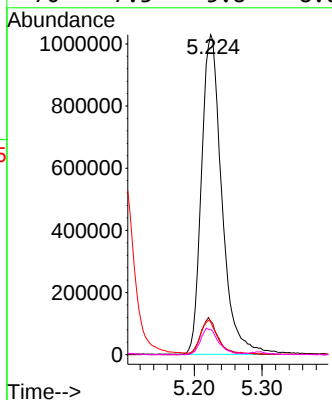
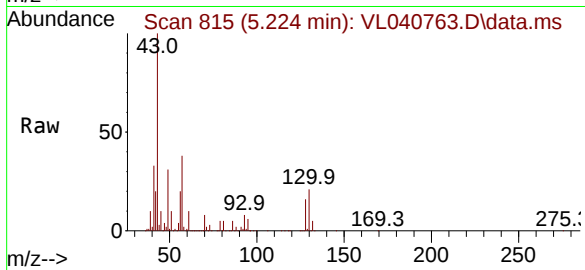
#25
Ethyl Acetate
Concen: 9.606 ppbv
RT: 5.224 min Scan# 814
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01

Tgt Ion: 43 Resp: 214632
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.4
61 9.6 8.2 12.2
70 7.3 5.8 8.6

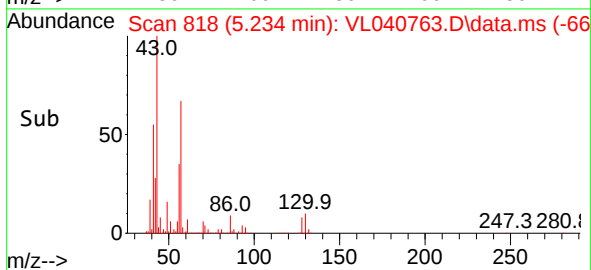
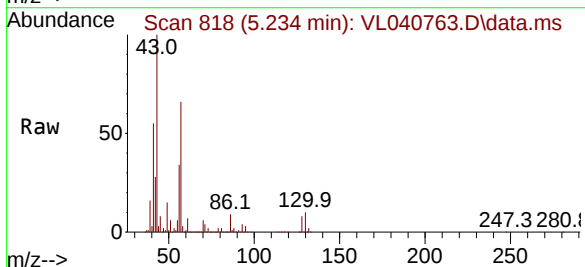
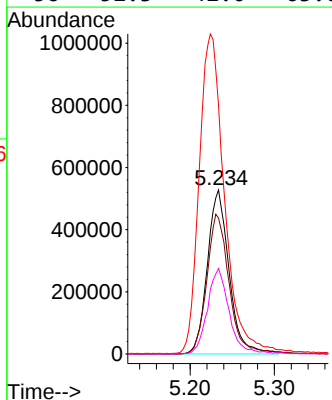
Manual Integrations
APPROVED

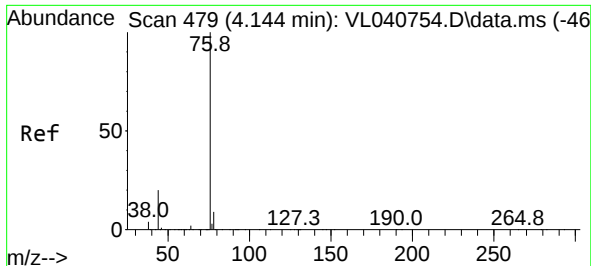
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#26
Hexane
Concen: 9.256 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

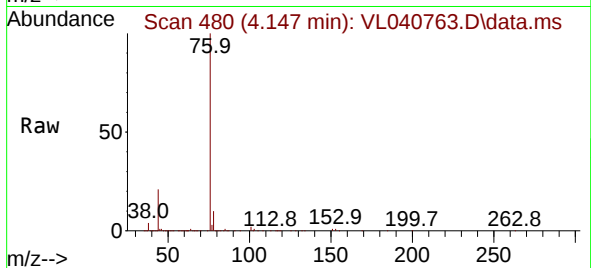
Tgt Ion: 57 Resp: 945175
Ion Ratio Lower Upper
57 100
41 87.9 71.4 107.2
43 228.7 182.3 273.5
56 52.3 42.0 63.0





#27
Carbon Disulfide
Concen: 9.754 ppbv
RT: 4.147 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

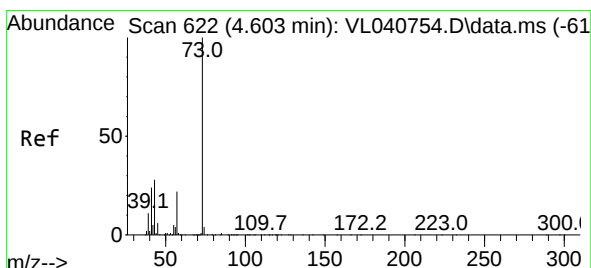
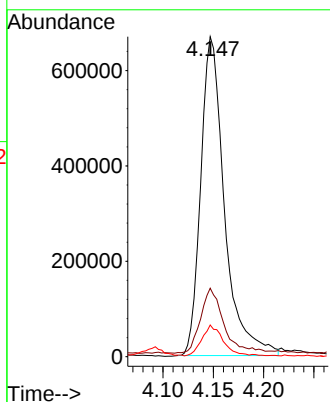
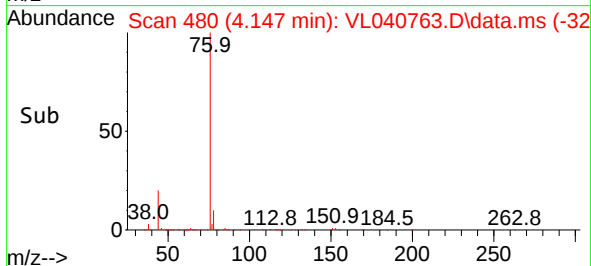
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



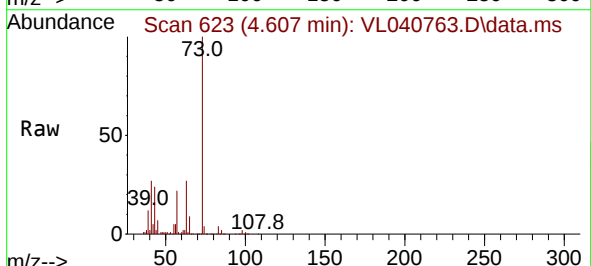
Tgt Ion: 76 Resp: 1098950
Ion Ratio Lower Upper
76 100
44 20.6 16.6 25.0
78 9.5 7.8 11.6

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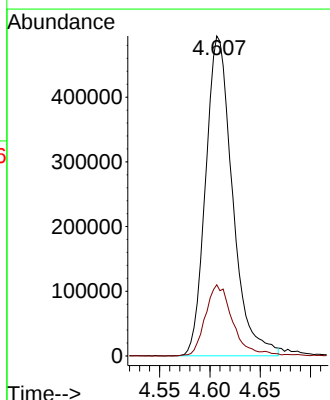
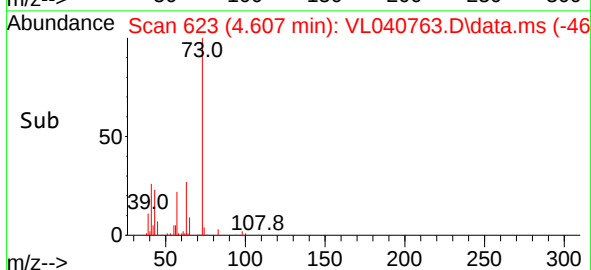
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

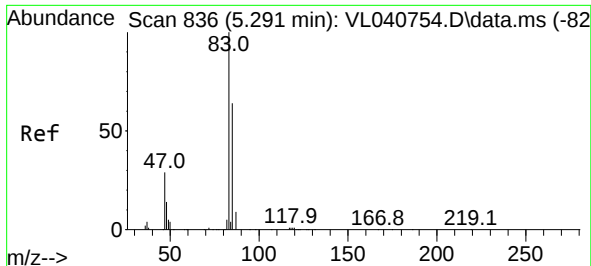


#28
Methyl tert-Butyl Ether
Concen: 11.558 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



Tgt Ion: 73 Resp: 917762
Ion Ratio Lower Upper
73 100
57 23.2 18.9 28.3





#29

Chloroform

Concen: 9.901 ppbv

RT: 5.295 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Instrument :

MSVOA_L

ClientSampleId :

VL1011ABS01

Tgt Ion: 83 Resp: 1462884

Ion Ratio Lower Upper

83 100

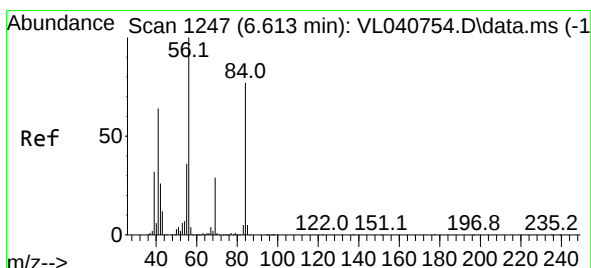
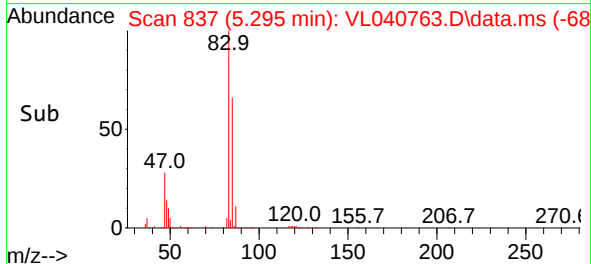
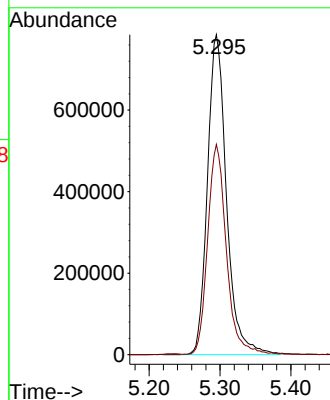
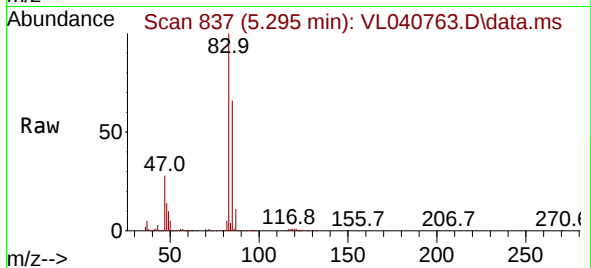
85 65.5 51.3 76.9

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Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#30

Cyclohexane

Concen: 9.672 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

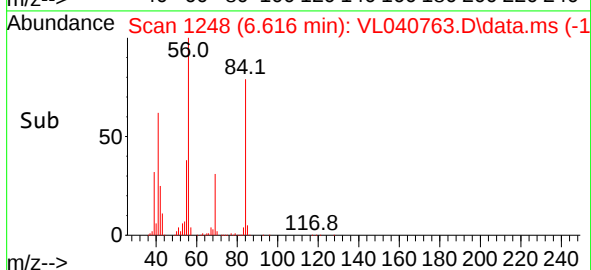
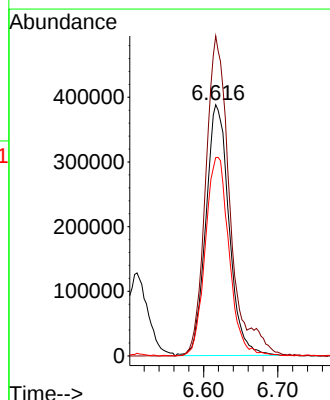
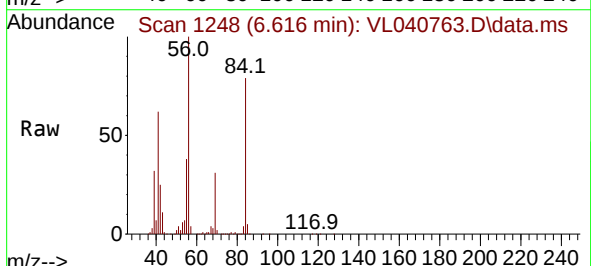
Tgt Ion: 84 Resp: 840440

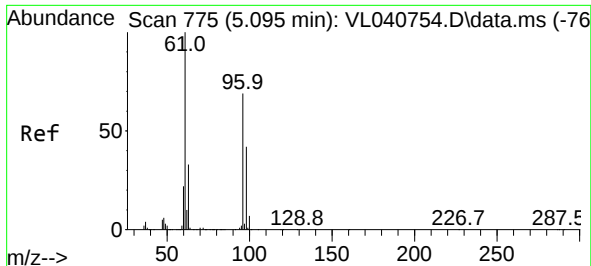
Ion Ratio Lower Upper

84 100

56 133.8 110.3 165.5

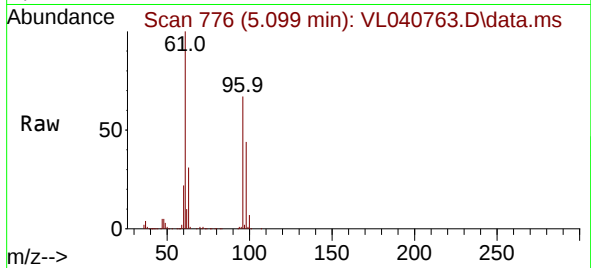
41 81.8 67.4 101.2





#31
 cis-1,2-Dichloroethene
 Concen: 10.215 ppbv
 RT: 5.099 min Scan# 775
 Delta R.T. 0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

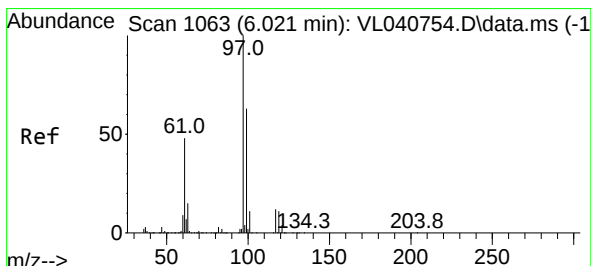
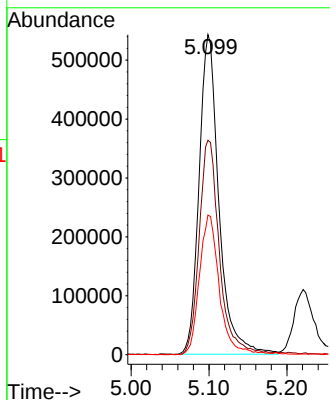
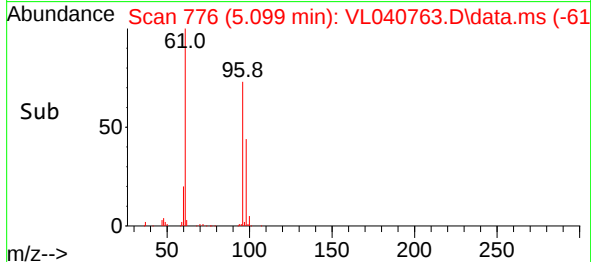
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1011ABS01



Tgt Ion: 61 Resp: 961290
 Ion Ratio Lower Upper
 61 100
 96 67.0 55.1 82.7
 98 43.6 33.5 50.3

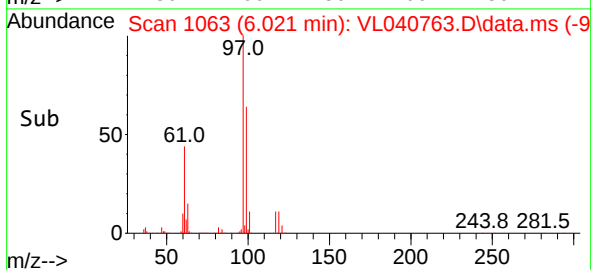
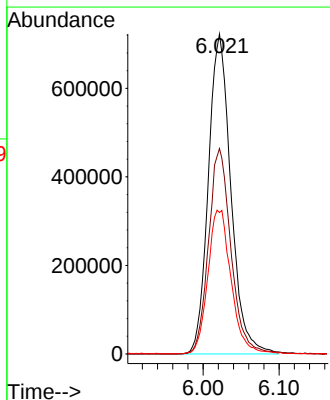
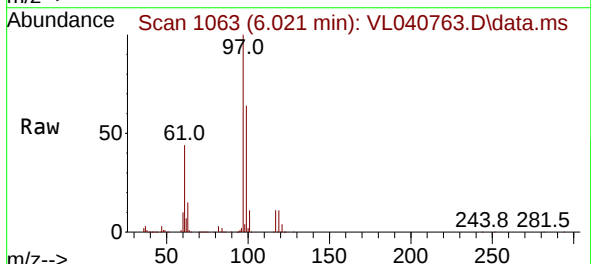
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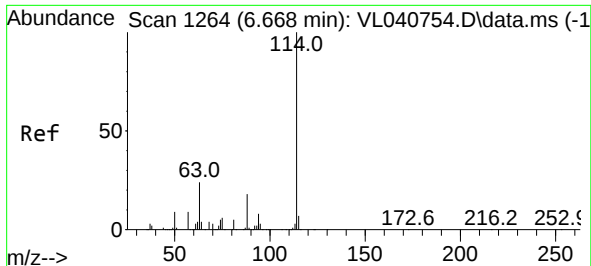
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.475 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.000 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

Tgt Ion: 97 Resp: 1489969
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.8 77.6
 61 46.7 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Instrument :

MSVOA_L

ClientSampleId :

VL1011ABS01

Tgt Ion:114 Resp: 275545

Ion Ratio Lower Upper

114 100

63 23.9 19.8 29.6

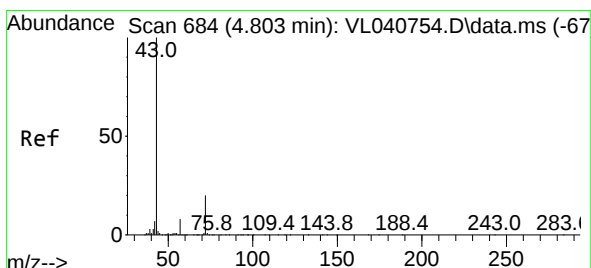
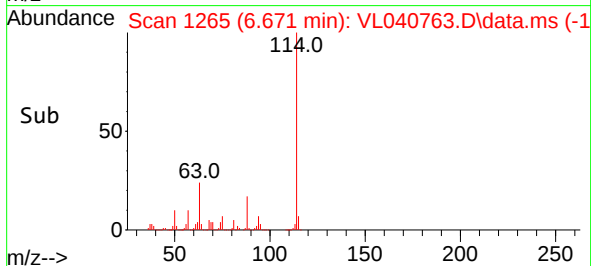
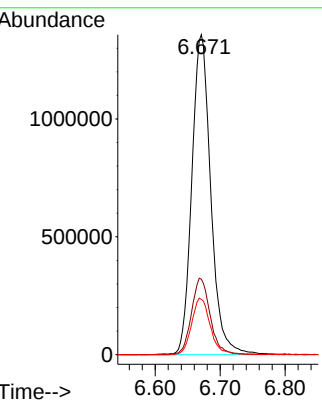
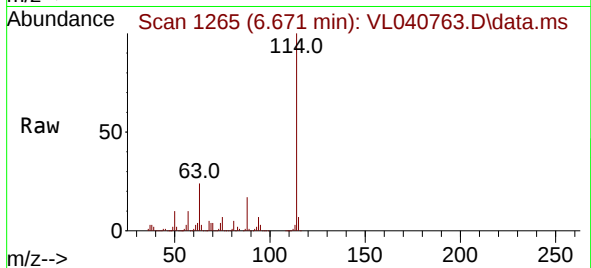
88 17.4 14.2 21.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#34

2-Butanone

Concen: 10.819 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.003 min

Lab File: VL040763.D

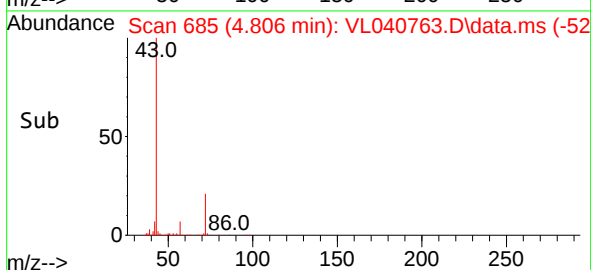
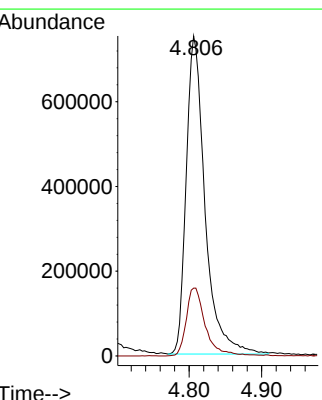
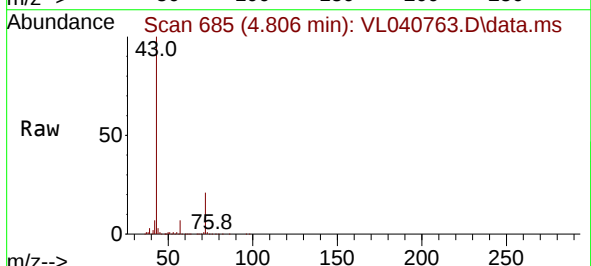
Acq: 11 Oct 2023 19:21

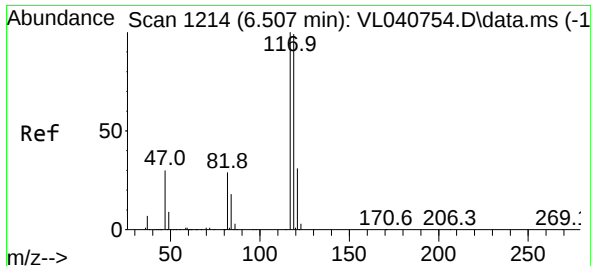
Tgt Ion: 43 Resp: 1349341

Ion Ratio Lower Upper

43 100

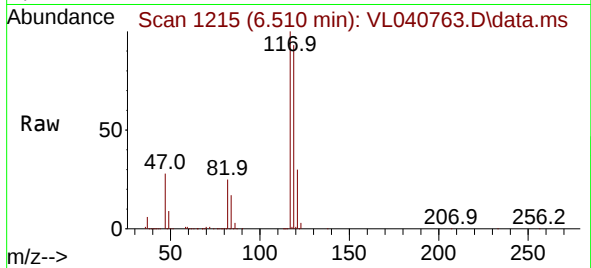
72 22.0 16.8 25.2





#35
Carbon Tetrachloride
Concen: 9.994 ppbv
RT: 6.510 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

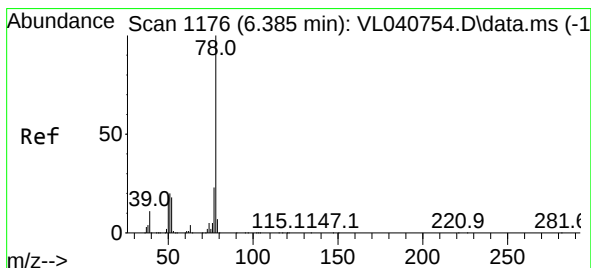
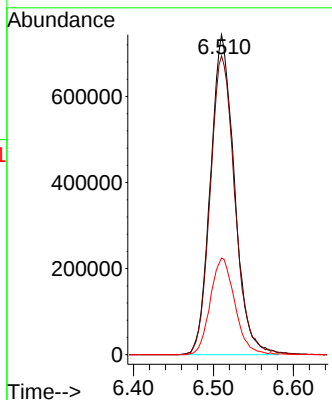
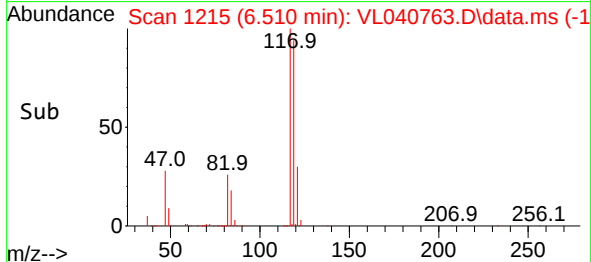
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



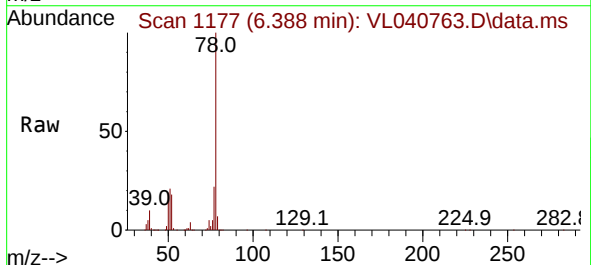
Tgt Ion:117 Resp: 1545610
Ion Ratio Lower Upper
117 100
119 93.4 79.4 119.0
121 30.2 25.0 37.4

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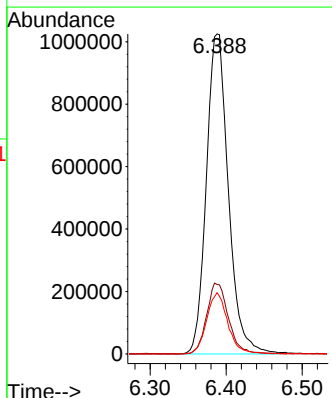
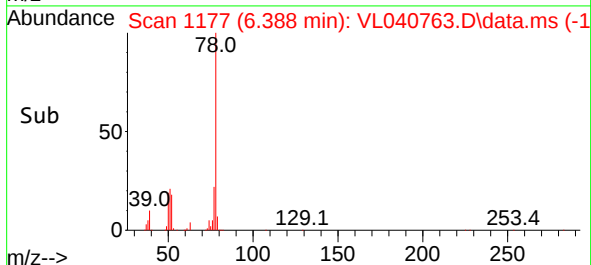
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

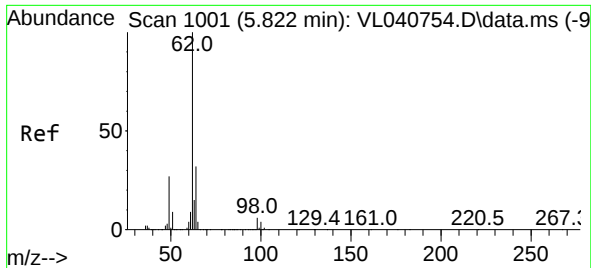


#36
Benzene
Concen: 9.725 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



Tgt Ion: 78 Resp: 2061106
Ion Ratio Lower Upper
78 100
77 21.7 18.4 27.6
50 19.1 15.0 22.4





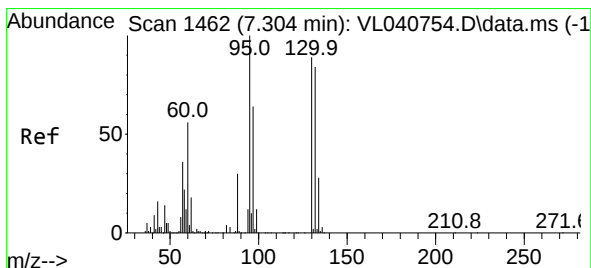
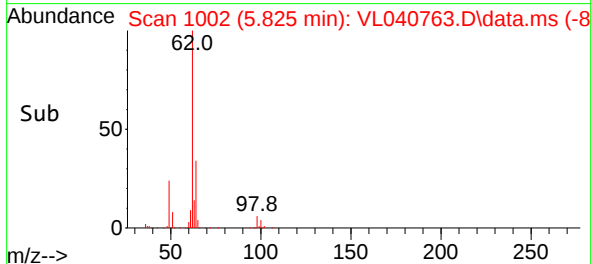
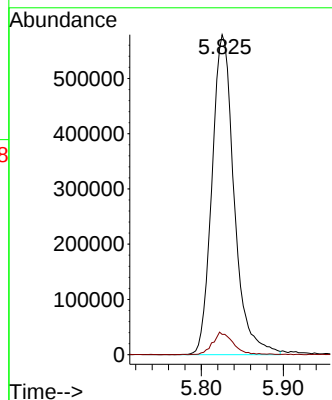
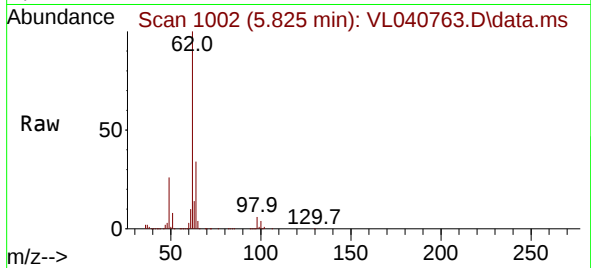
#37
1,2-Dichloroethane
Concen: 10.057 ppbv
RT: 5.825 min Scan# 1001
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01

Tgt Ion: 62 Resp: 1091610
Ion Ratio Lower Upper
62 100
98 6.6 5.4 8.0

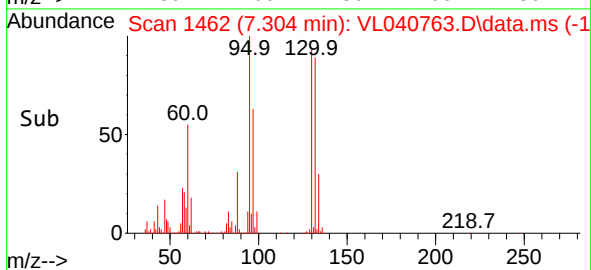
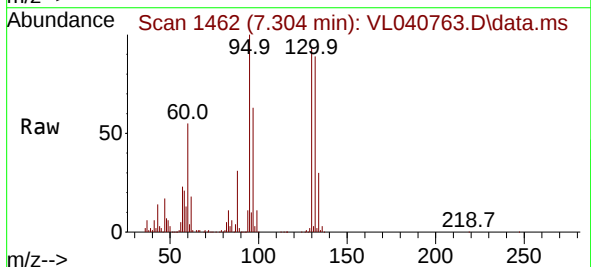
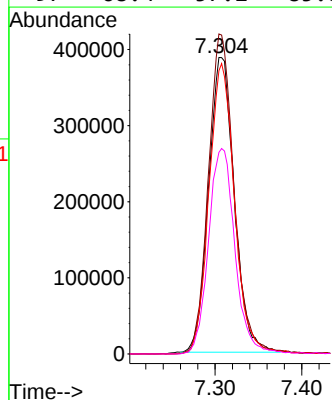
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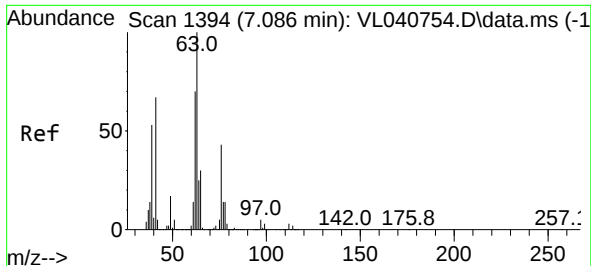
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#38
Trichloroethene
Concen: 8.501 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion:130 Resp: 797349
Ion Ratio Lower Upper
130 100
95 108.4 89.4 134.2
132 95.9 74.8 112.2
97 68.4 57.2 85.8





#39

1,2-Dichloropropane

Concen: 9.580 ppbv

RT: 7.089 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Instrument :

MSVOA_L

ClientSampleId :

VL1011ABS01

Tgt Ion: 63 Resp: 793240

Ion Ratio Lower Upper

63 100

41 69.9 53.7 80.5

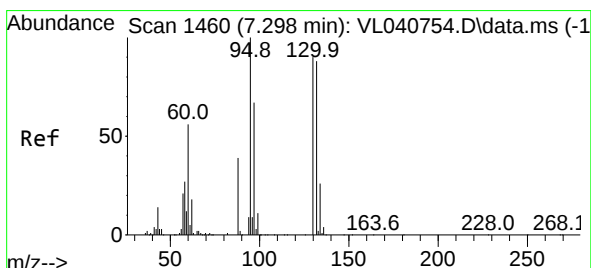
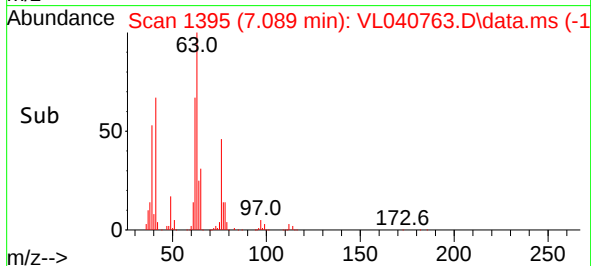
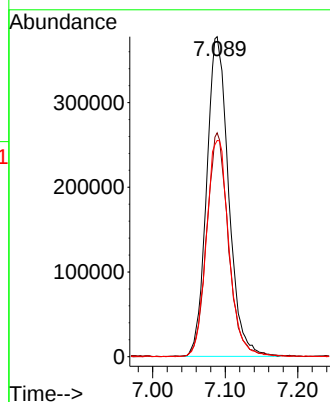
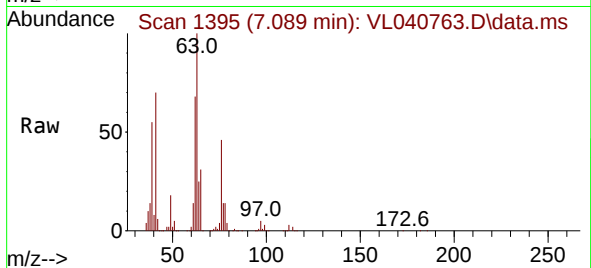
62 67.6 55.7 83.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#40

1,4-Dioxane

Concen: 9.660 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Tgt Ion: 88 Resp: 302704

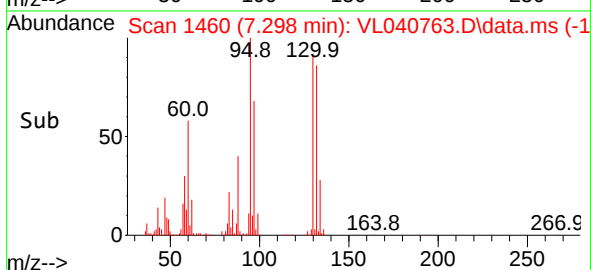
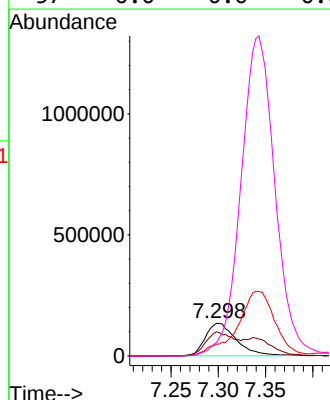
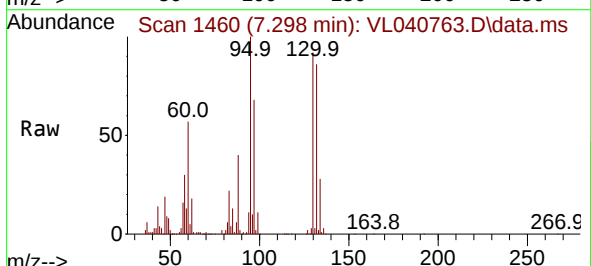
Ion Ratio Lower Upper

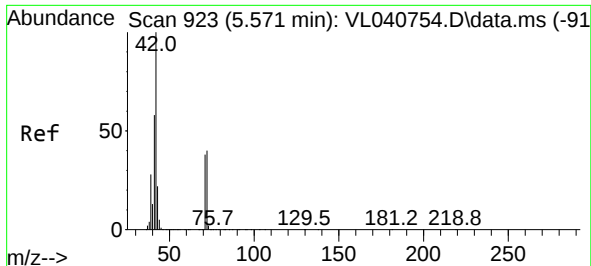
88 100

58 121.6 100.0 150.0

43 0.0 0.0 0.0

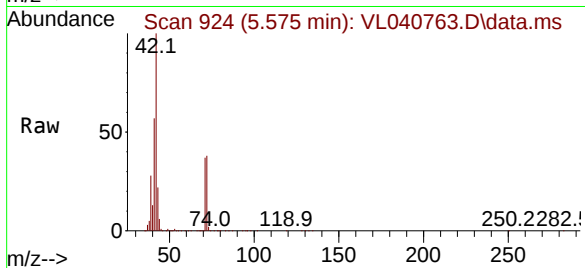
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.843 ppbv
RT: 5.575 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

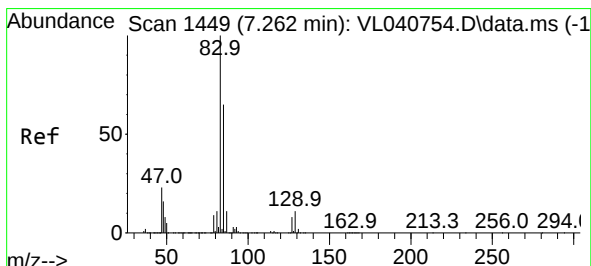
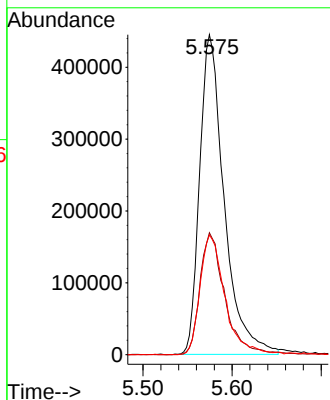
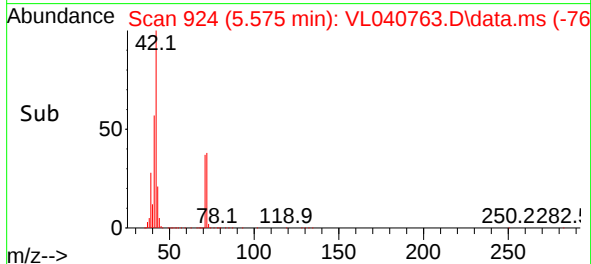
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



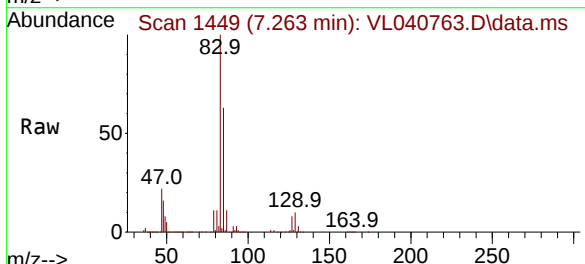
Tgt Ion: 42 Resp: 85015
Ion Ratio Lower Upper
42 100
72 39.1 31.1 46.7
71 38.7 29.7 44.5

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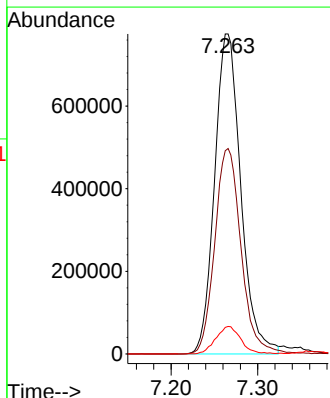
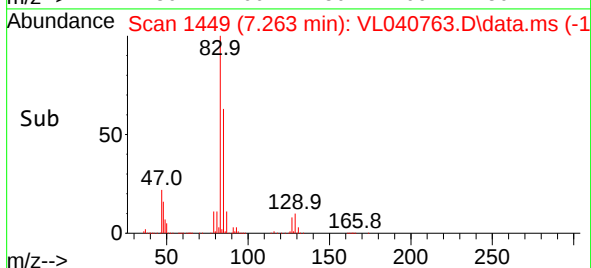
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

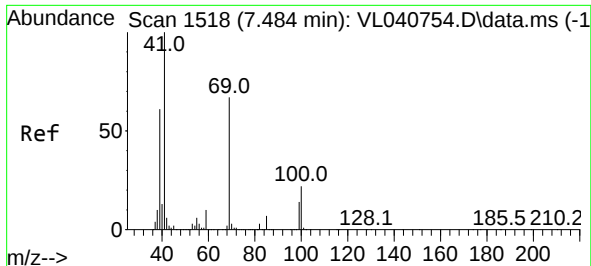


#42
Bromodichloromethane
Concen: 10.021 ppbv
RT: 7.263 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



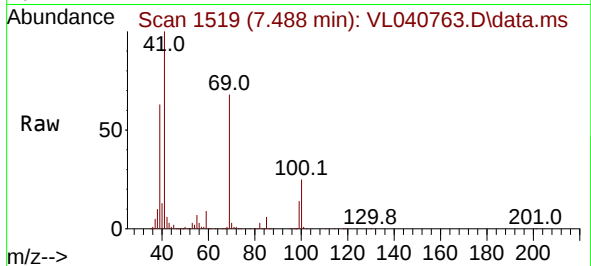
Tgt Ion: 83 Resp: 1629466
Ion Ratio Lower Upper
83 100
85 63.5 52.1 78.1
127 8.3 6.7 10.1





#43
Methyl Methacrylate
Concen: 9.939 ppbv
RT: 7.488 min Scan# 1519
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

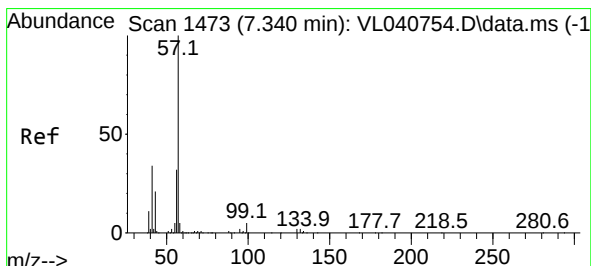
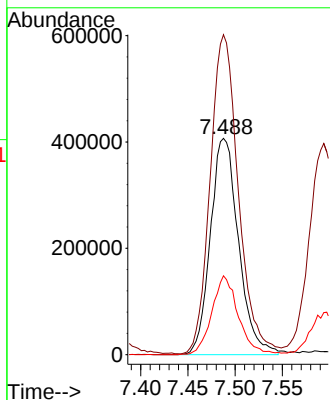
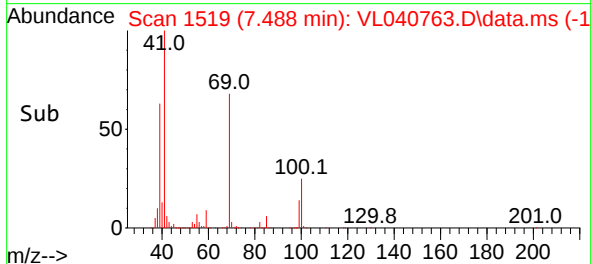
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



Tgt Ion: 69 Resp: 843200
Ion Ratio Lower Upper
69 100
41 148.4 120.6 181.0
100 34.3 27.1 40.7

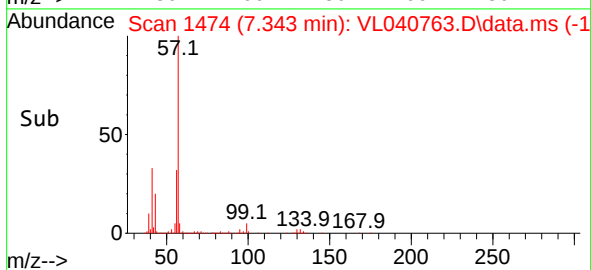
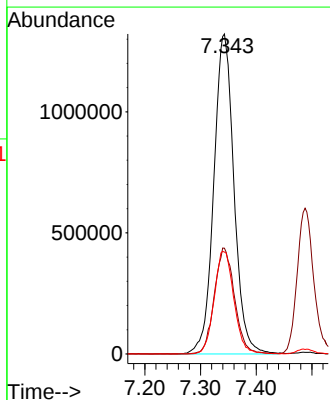
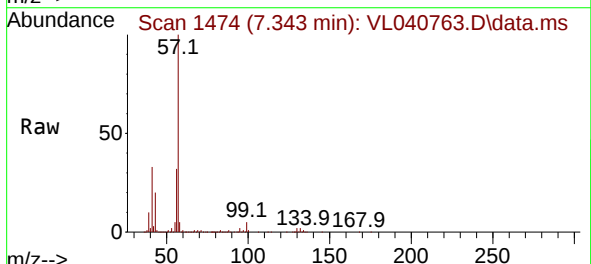
Manual Integrations
APPROVED

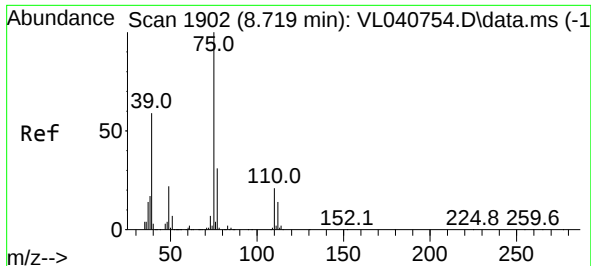
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#44
2,2,4-Trimethylpentane
Concen: 9.281 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion: 57 Resp: 3326486
Ion Ratio Lower Upper
57 100
41 33.1 27.4 41.0
56 31.5 25.0 37.6





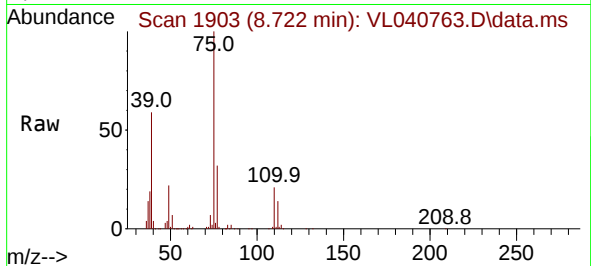
#45
t-1,3-Dichloropropene
Concen: 10.624 ppbv
RT: 8.722 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :

MSVOA_L

ClientSampleId :

VL1011ABS01

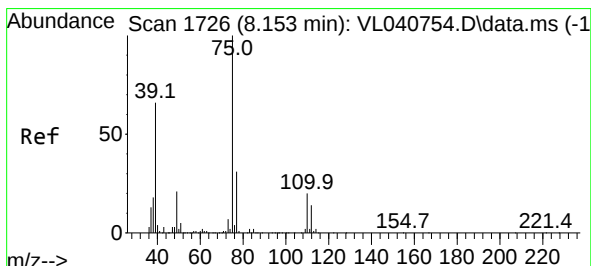
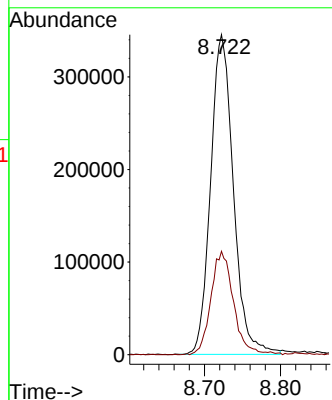
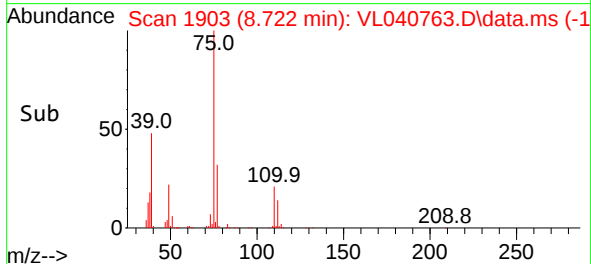


Tgt Ion: 75 Resp: 71875
Ion Ratio Lower Upper
75 100
77 32.3 24.9 37.3

Manual Integrations

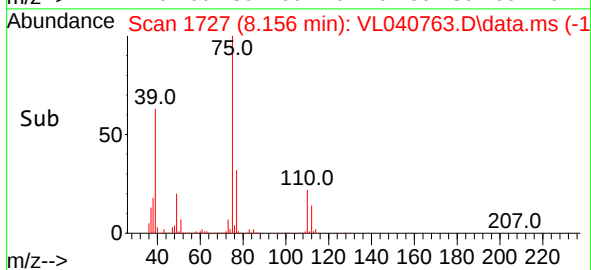
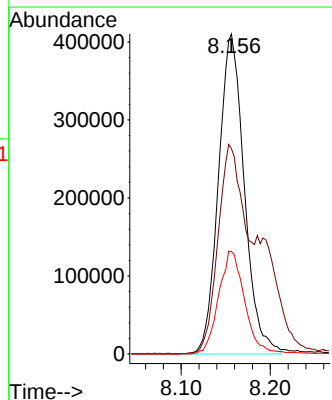
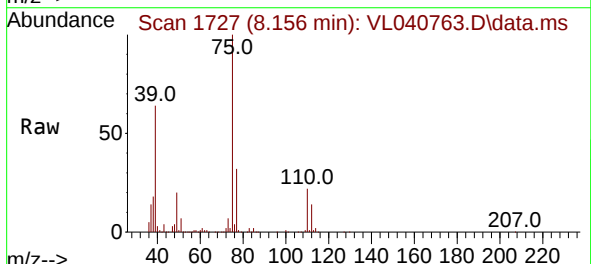
APPROVED

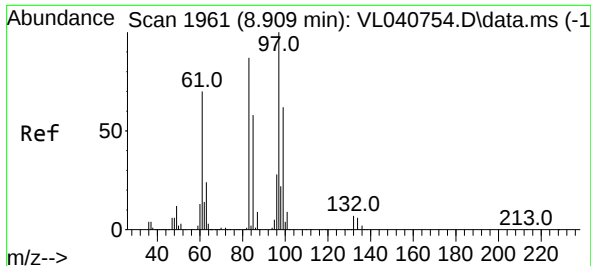
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#46
cis-1,3-Dichloropropene
Concen: 9.981 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

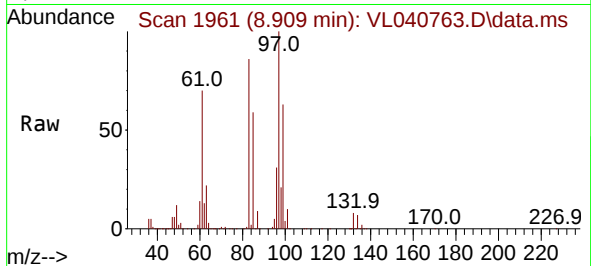
Tgt Ion: 75 Resp: 824956
Ion Ratio Lower Upper
75 100
39 64.1 52.4 78.6
77 32.0 25.1 37.7





#47
1,1,2-Trichloroethane
Concen: 9.770 ppbv
RT: 8.909 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

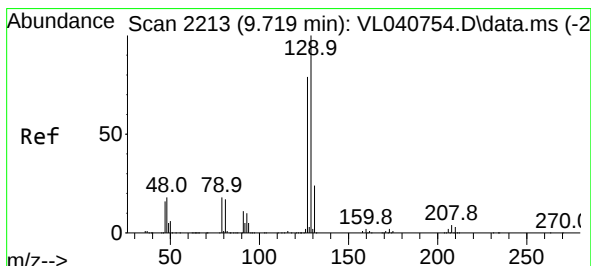
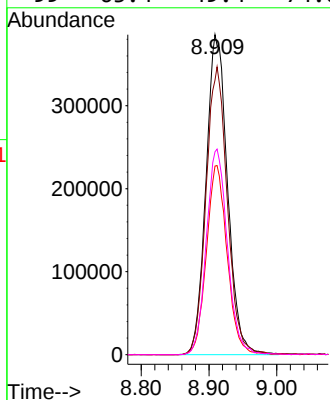
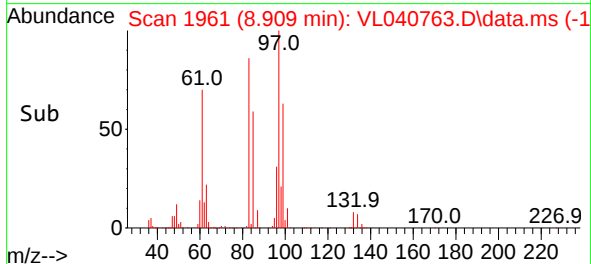
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



Tgt Ion: 97	Resp: 84981
Ion Ratio	Lower Upper
97 100	
83 85.8	69.5 104.3
85 59.0	46.6 69.8
99 63.4	49.4 74.0

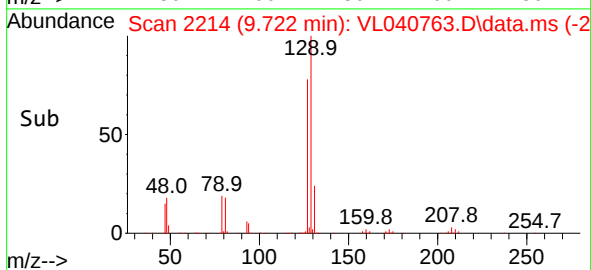
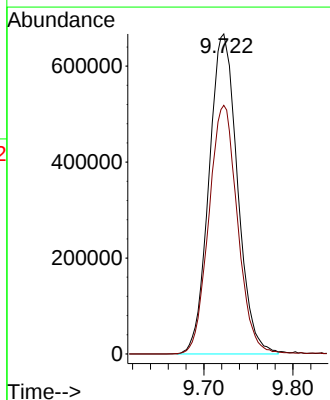
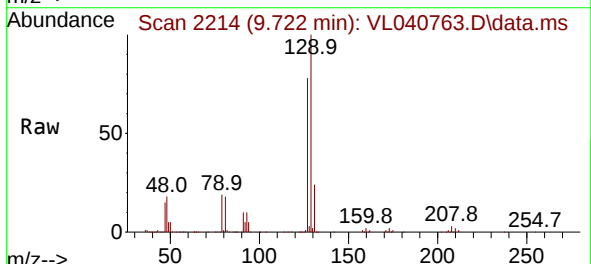
Manual Integrations
APPROVED

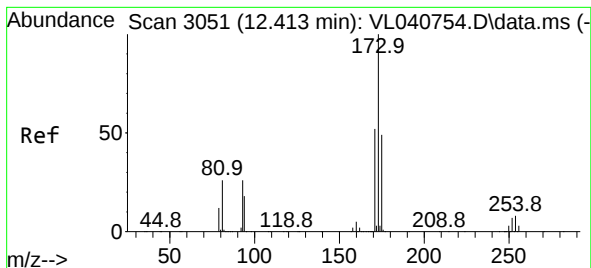
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#48
Dibromochloromethane
Concen: 10.167 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion:129	Resp: 1481896
Ion Ratio	Lower Upper
129 100	
127 78.6	39.1 117.3





#49

Bromoform

Concen: 10.370 ppbv

RT: 12.417 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Instrument :

MSVOA_L

ClientSampleId :

VL1011ABS01

Tgt Ion:173 Resp: 1228788

Ion Ratio Lower Upper

173 100

175 49.2 39.2 58.8

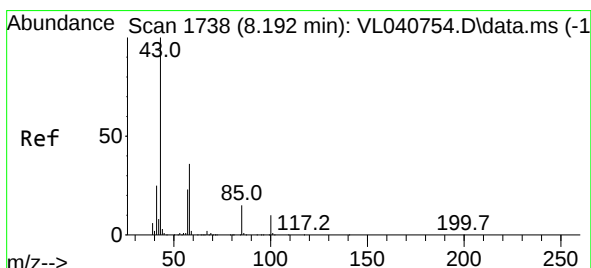
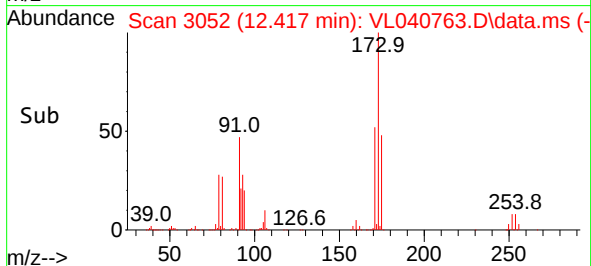
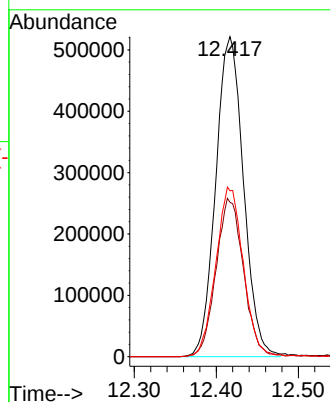
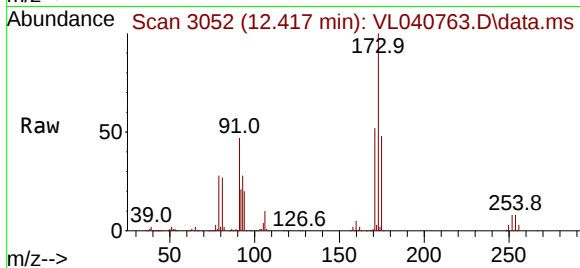
171 52.6 42.0 63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#50

4-Methyl-2-Pentanone

Concen: 9.699 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.003 min

Lab File: VL040763.D

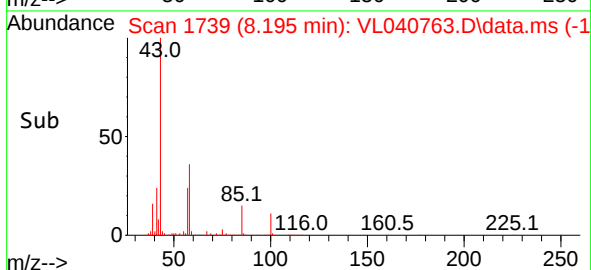
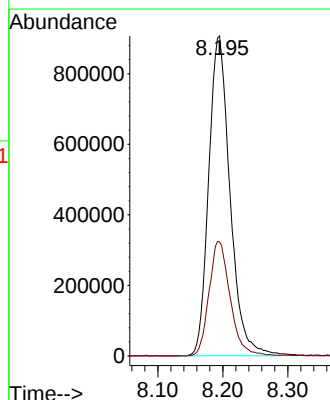
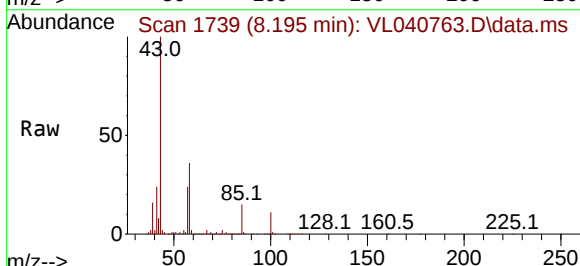
Acq: 11 Oct 2023 19:21

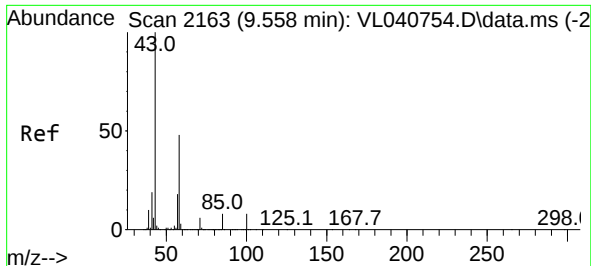
Tgt Ion: 43 Resp: 2069426

Ion Ratio Lower Upper

43 100

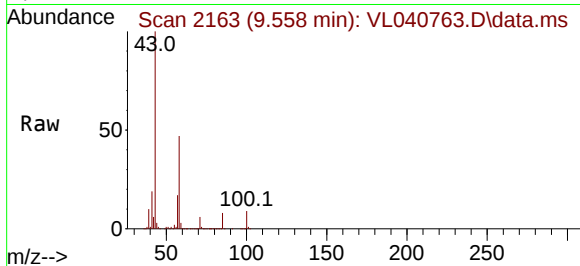
58 35.7 28.8 43.2





#51
2-Hexanone
Concen: 9.469 ppbv
RT: 9.558 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

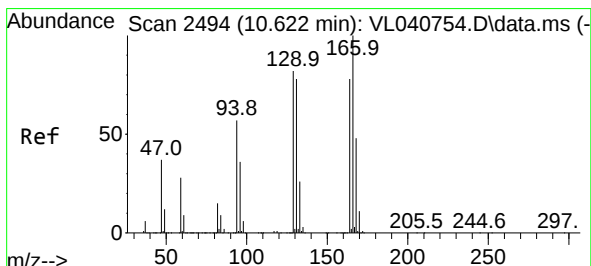
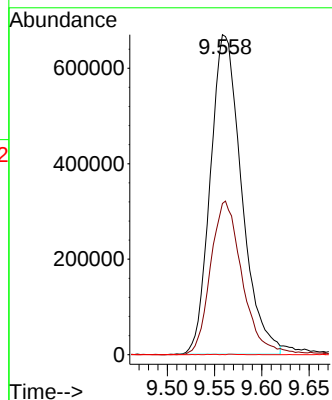
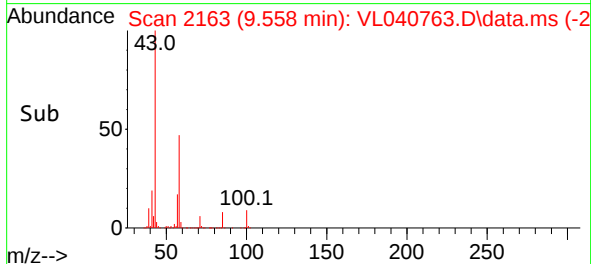
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



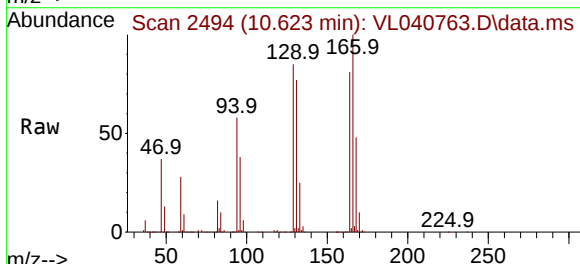
Tgt Ion: 43 Resp: 1537619
Ion Ratio Lower Upper
43 100
58 49.3 38.6 58.0
98 0.1 0.0 0.0

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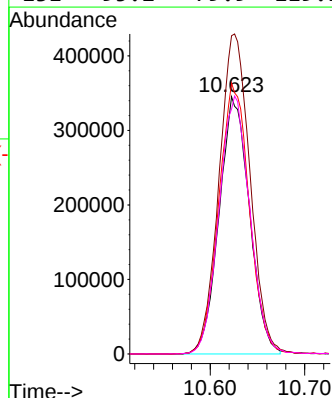
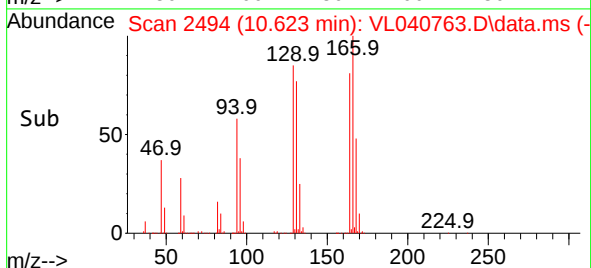
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

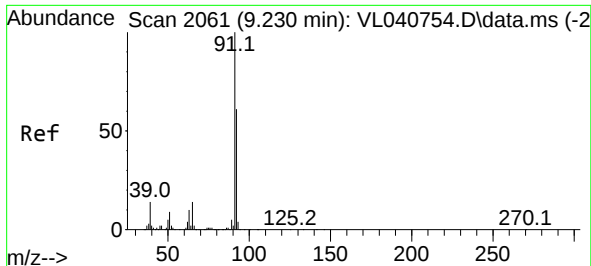


#52
Tetrachloroethene
Concen: 8.900 ppbv
RT: 10.623 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



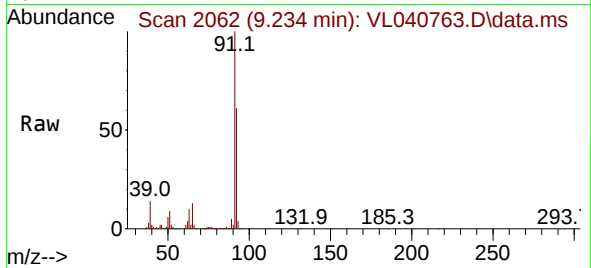
Tgt Ion:164 Resp: 766173
Ion Ratio Lower Upper
164 100
166 123.7 102.4 153.6
129 105.2 84.2 126.4
131 95.2 79.9 119.9





#53
Toluene
Concen: 9.466 ppbv
RT: 9.234 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

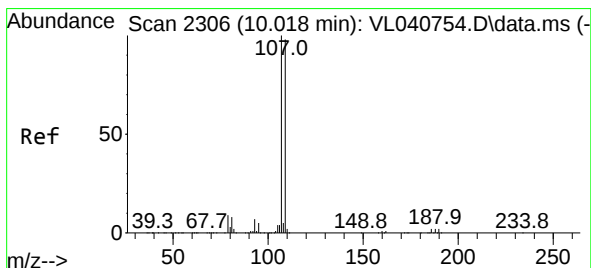
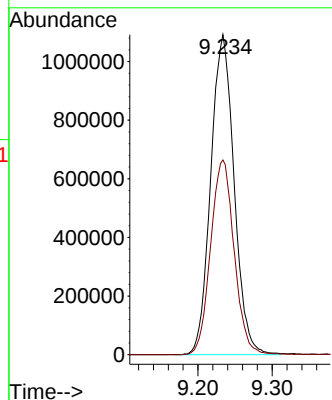
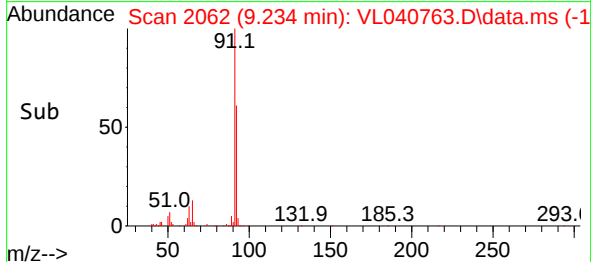
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



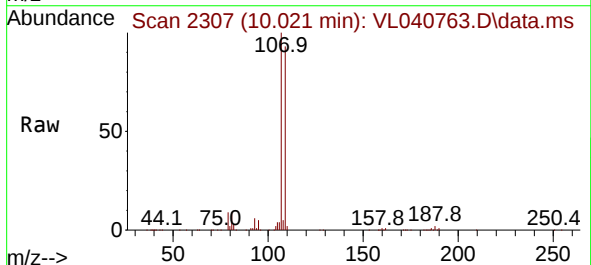
Tgt Ion: 91 Resp: 2387758
Ion Ratio Lower Upper
91 100
92 61.5 50.2 75.2

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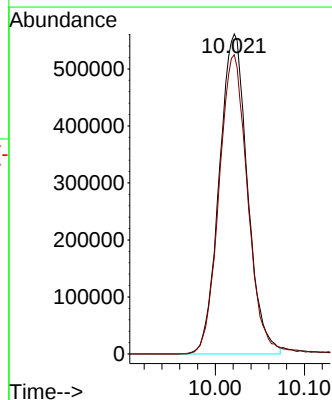
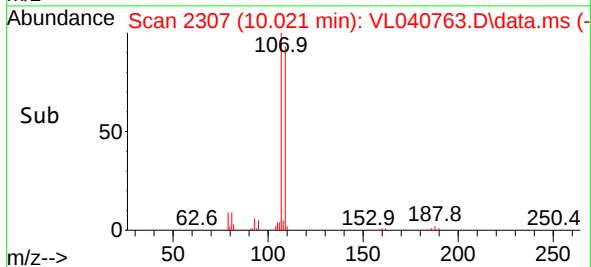
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

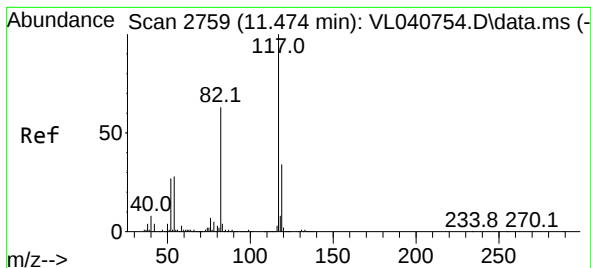


#54
1,2-Dibromoethane
Concen: 10.141 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



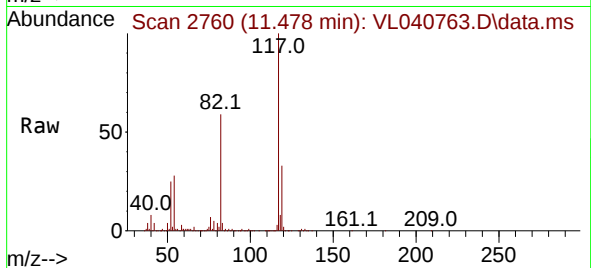
Tgt Ion:107 Resp: 1236493
Ion Ratio Lower Upper
107 100
109 93.5 78.2 117.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.478 min Scan# 2759
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

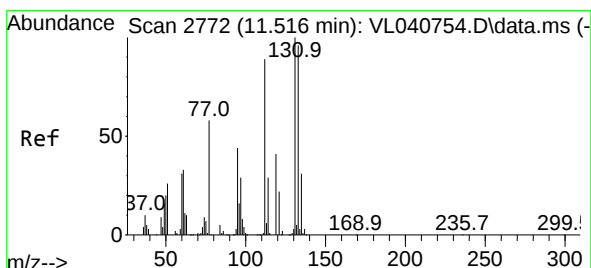
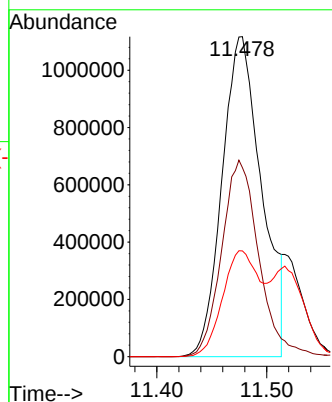
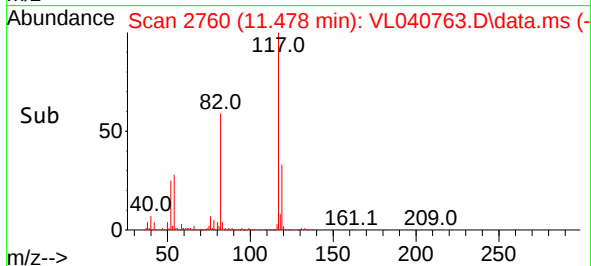
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



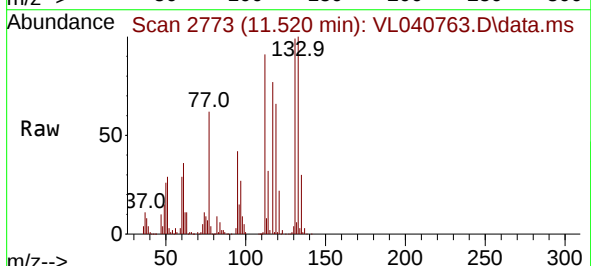
Tgt Ion:117 Resp: 2793790
Ion Ratio Lower Upper
117 100
82 58.4 46.6 70.0
119 31.9 26.0 39.0

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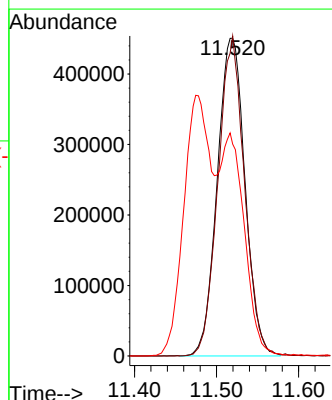
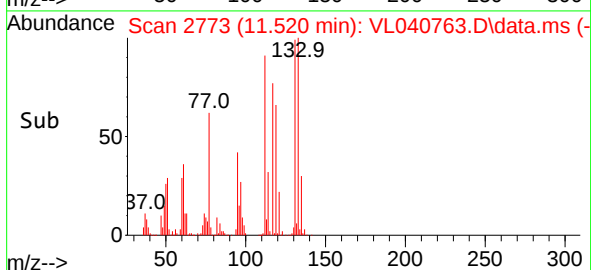
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

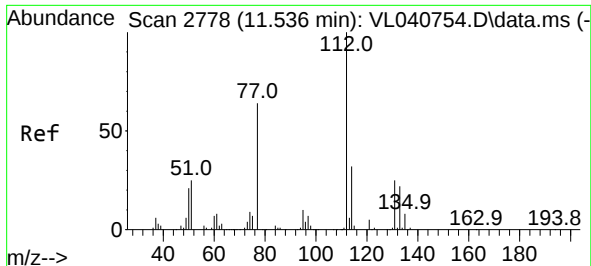


#56
1,1,1,2-Tetrachloroethane
Concen: 9.285 ppbv
RT: 11.520 min Scan# 2773
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



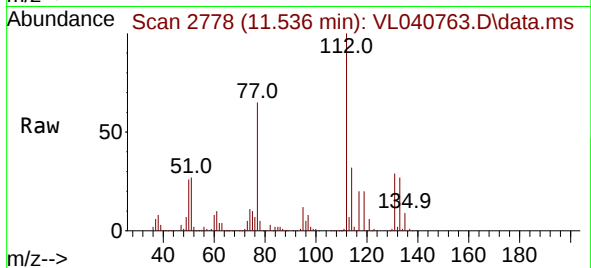
Tgt Ion:131 Resp: 1058660
Ion Ratio Lower Upper
131 100
133 96.0 75.0 112.6
119 61.2 45.4 68.0





#57
Chlorobenzene
Concen: 9.143 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

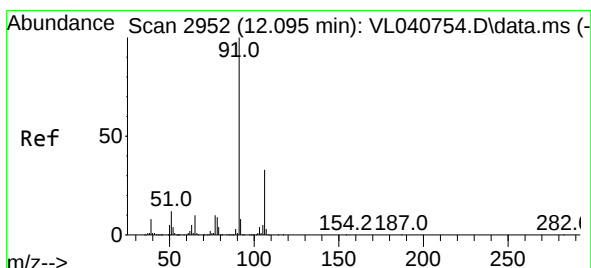
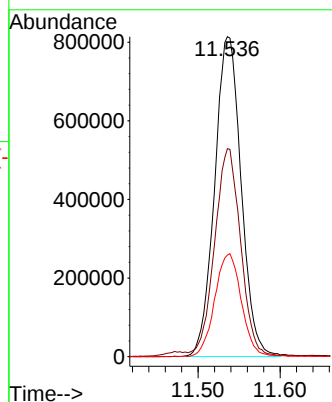
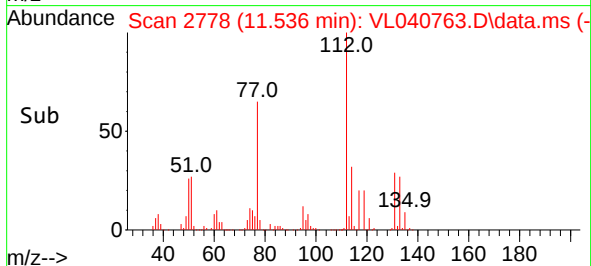
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



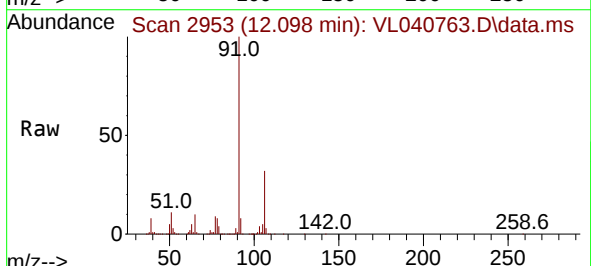
Tgt Ion: 112 Resp: 183025
Ion Ratio Lower Upper
112 100
77 64.6 51.9 77.9
114 31.6 28.6 35.0

Manual Integrations
APPROVED

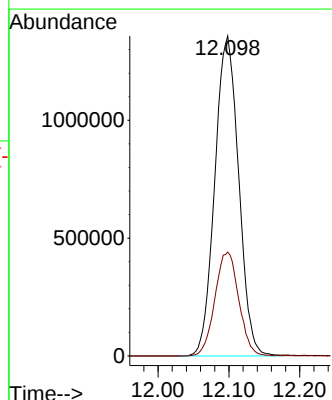
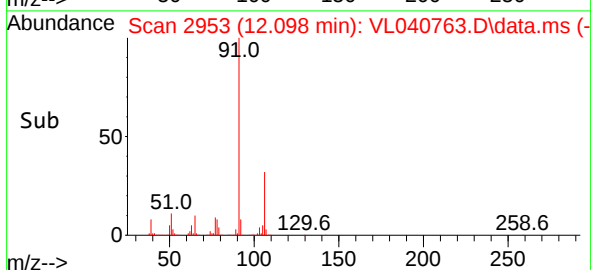
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

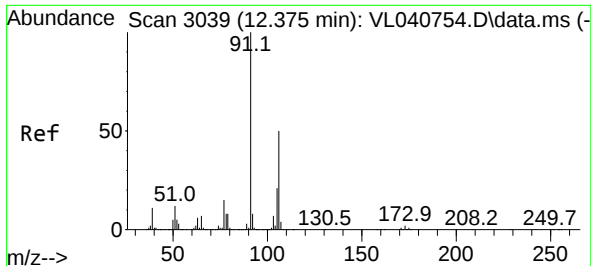


#58
Ethyl Benzene
Concen: 9.015 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



Tgt Ion: 91 Resp: 3171193
Ion Ratio Lower Upper
91 100
106 32.4 26.7 40.1





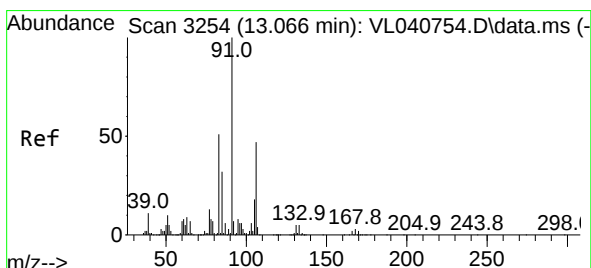
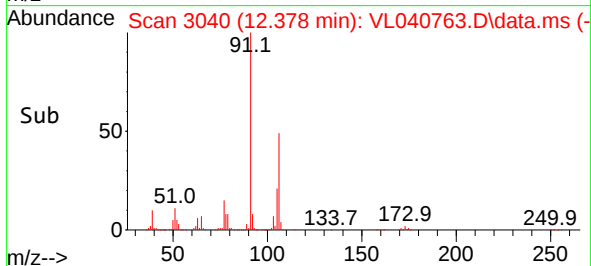
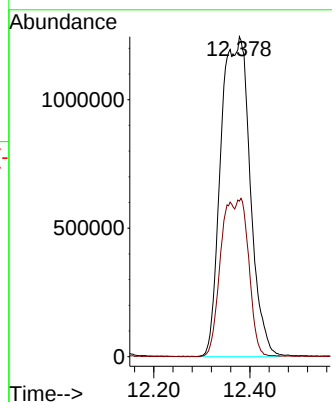
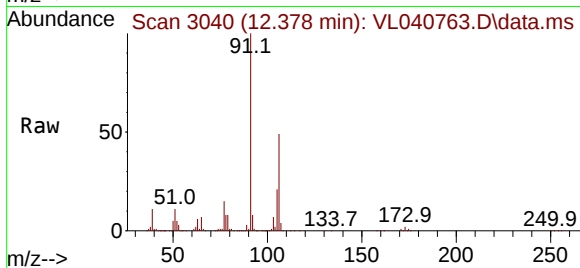
#59
m/p-Xylene
Concen: 18.101 ppbv m
RT: 12.378 min Scan# 3039
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01

Tgt Ion: 91 Resp: 524031
Ion Ratio Lower Upper
91 100
106 47.1 37.7 56.5

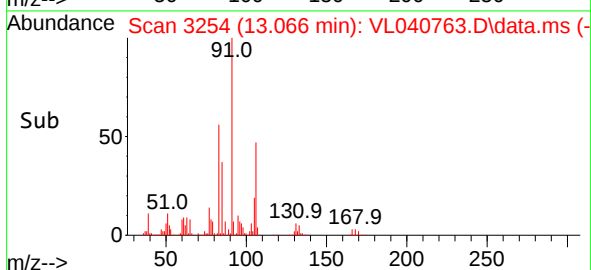
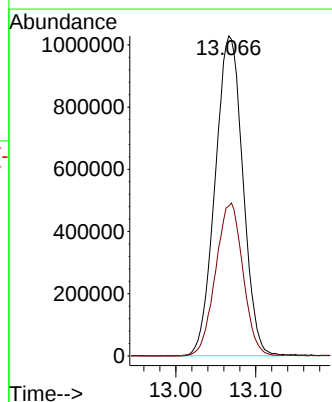
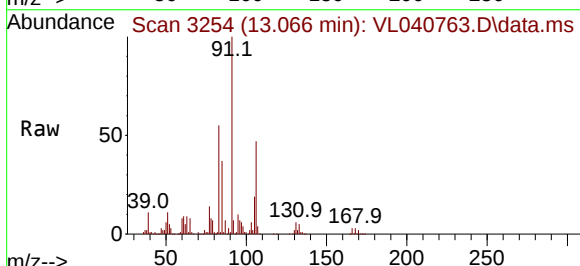
Manual Integrations
APPROVED

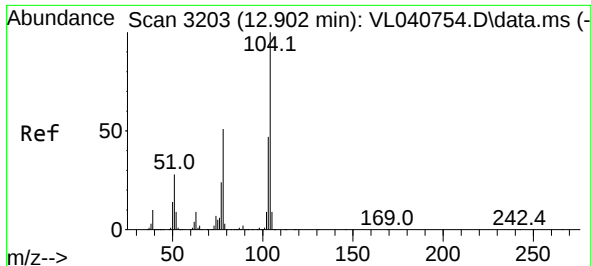
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#60
o-Xylene
Concen: 8.973 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

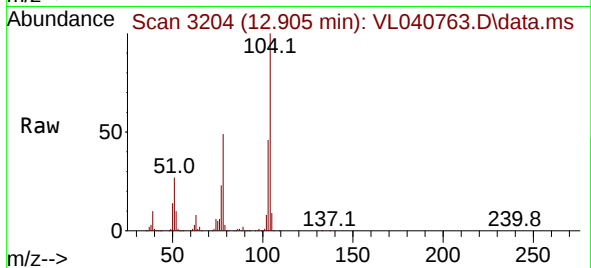
Tgt Ion: 91 Resp: 2475145
Ion Ratio Lower Upper
91 100
106 47.5 23.5 70.5





#61
Styrene
Concen: 9.451 ppbv
RT: 12.905 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

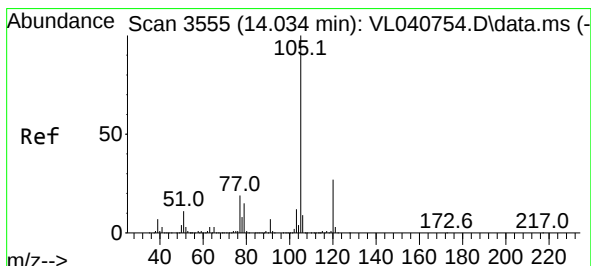
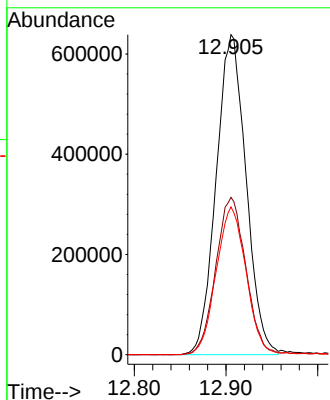
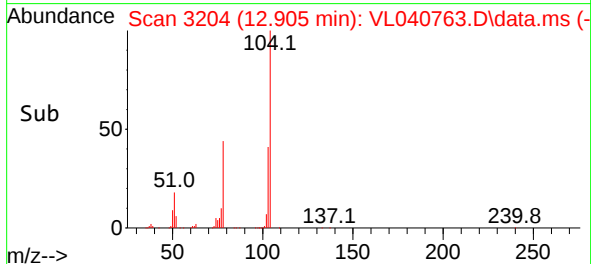
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



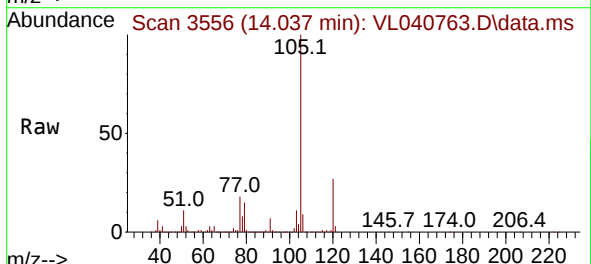
Tgt Ion:104 Resp: 1444438
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.6
103 46.5 37.5 56.3

Manual Integrations
APPROVED

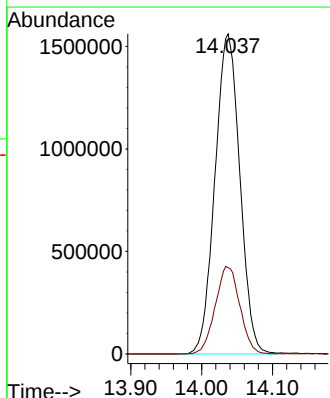
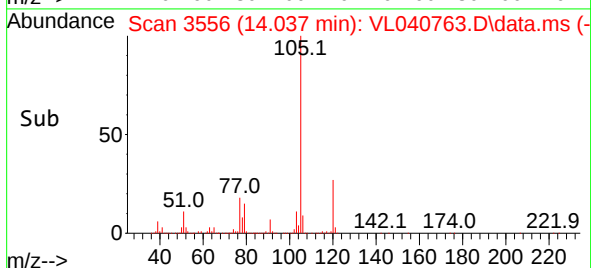
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

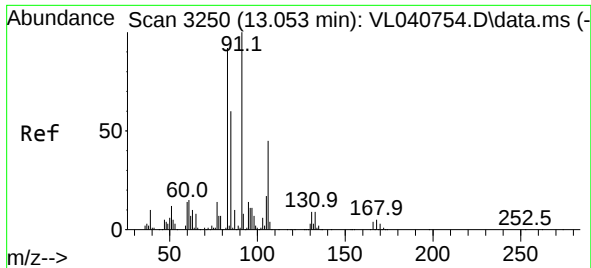


#62
Isopropylbenzene
Concen: 8.968 ppbv
RT: 14.037 min Scan# 3556
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



Tgt Ion:105 Resp: 3805764
Ion Ratio Lower Upper
105 100
120 27.0 21.5 32.3





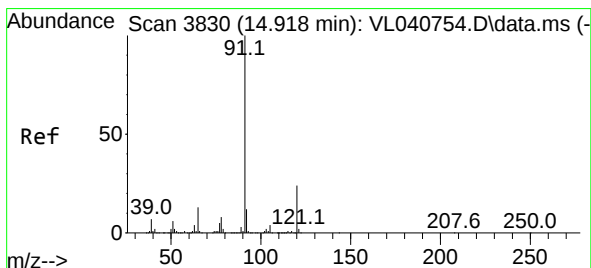
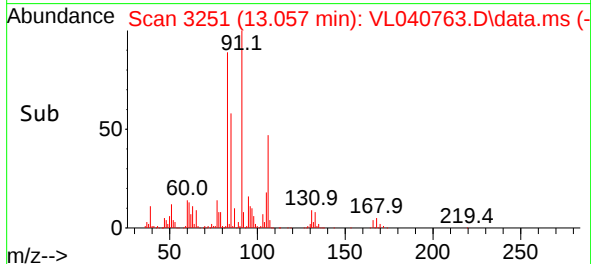
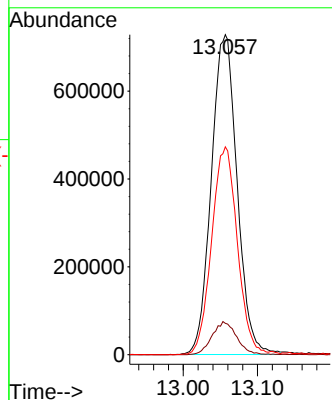
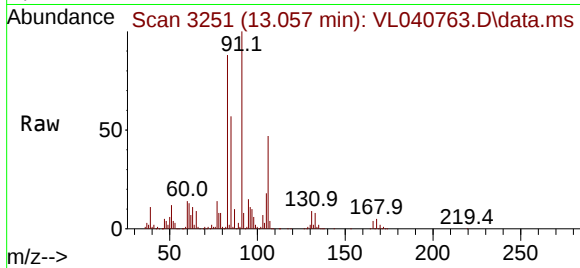
#63
1,1,2,2-Tetrachloroethane
Concen: 8.517 ppbv
RT: 13.057 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01

Tgt Ion: 83 Resp: 1761329
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.6
85 65.4 32.9 98.7

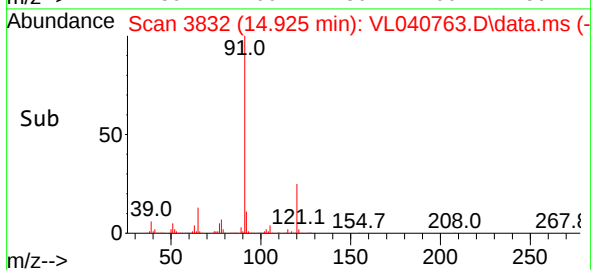
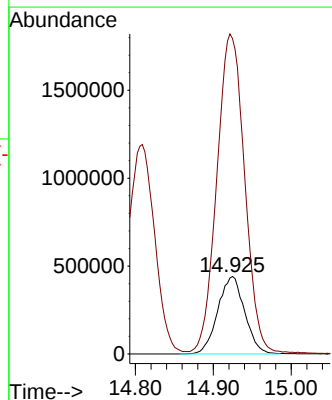
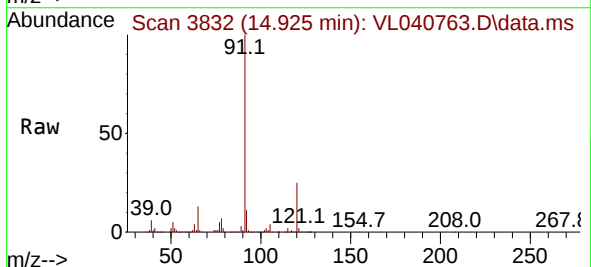
Manual Integrations
APPROVED

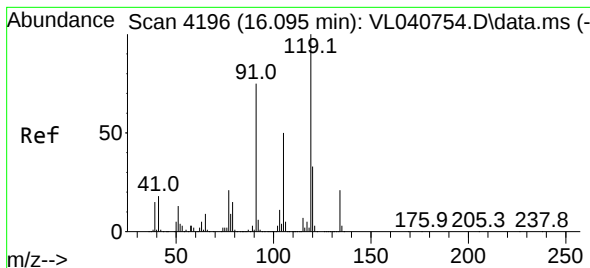
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#64
n-propylbenzene
Concen: 9.261 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. 0.007 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

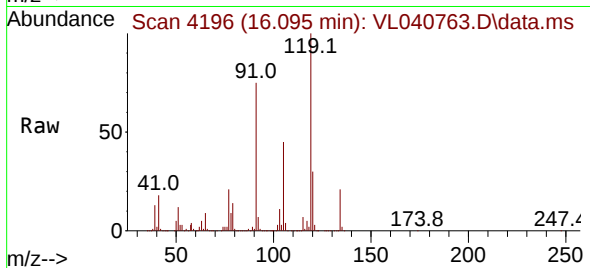
Tgt Ion:120 Resp: 1055786
Ion Ratio Lower Upper
120 100
91 429.8 345.9 518.9





#65
tert-Butylbenzene
Concen: 8.748 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

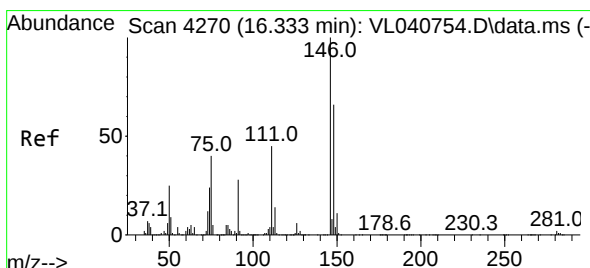
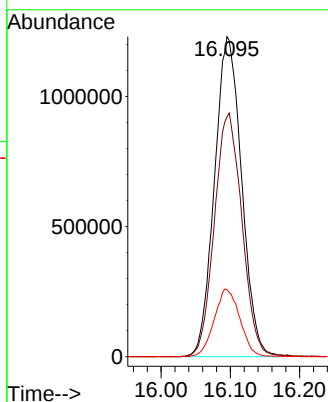
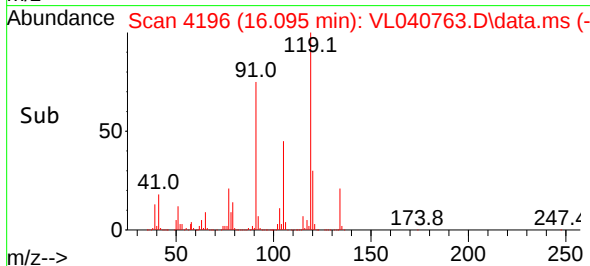
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



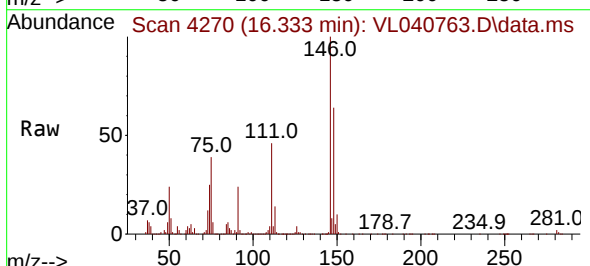
Tgt Ion:119 Resp: 3348494
Ion Ratio Lower Upper
119 100
91 77.2 62.2 93.2
134 20.1 16.1 24.1

Manual Integrations
APPROVED

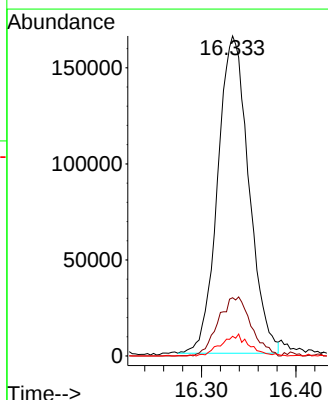
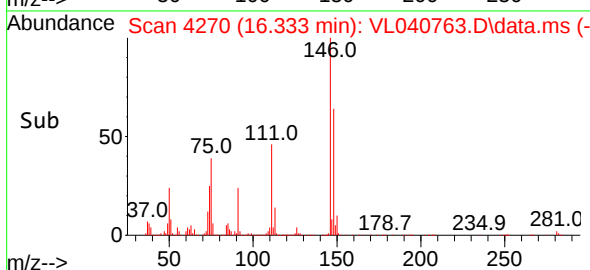
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

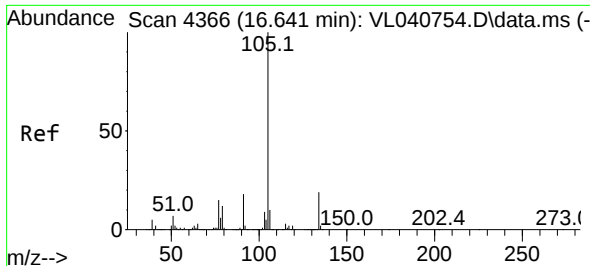


#66
Benzyl Chloride
Concen: 9.801 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



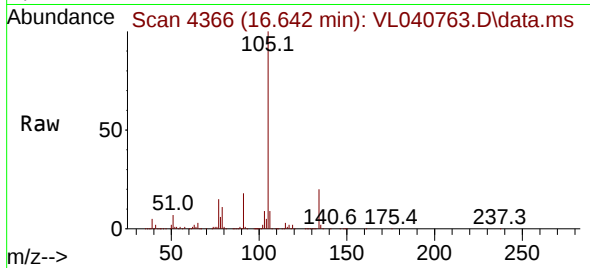
Tgt Ion: 91 Resp: 377943
Ion Ratio Lower Upper
91 100
126 20.1 16.1 24.1
128 6.3 5.2 7.8





#67
 sec-Butylbenzene
 Concen: 8.953 ppbv
 RT: 16.642 min Scan# 4366
 Delta R.T. 0.000 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

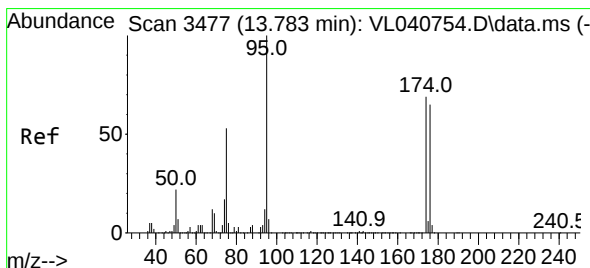
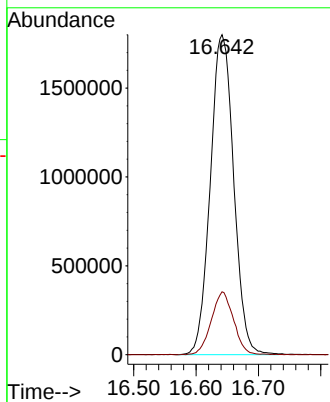
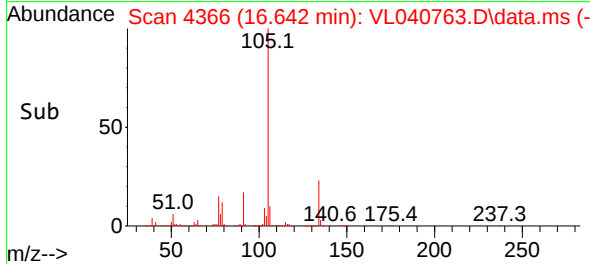
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1011ABS01



Tgt Ion:105 Resp: 469197
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.4 23.2

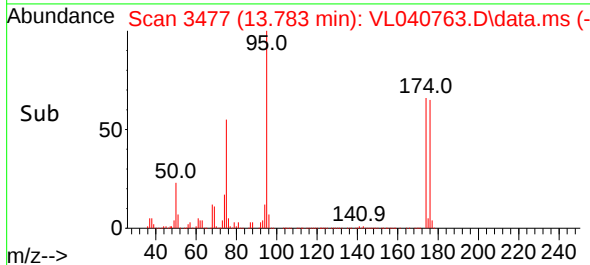
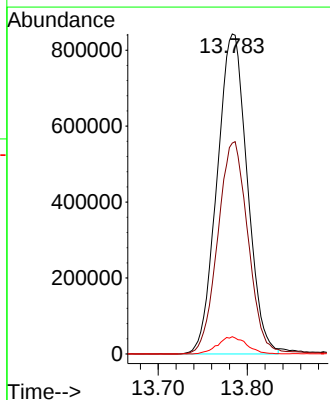
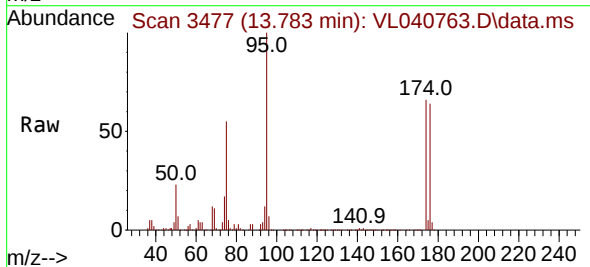
Manual Integrations
 APPROVED

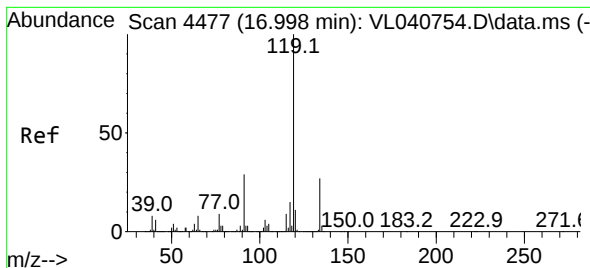
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.642 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

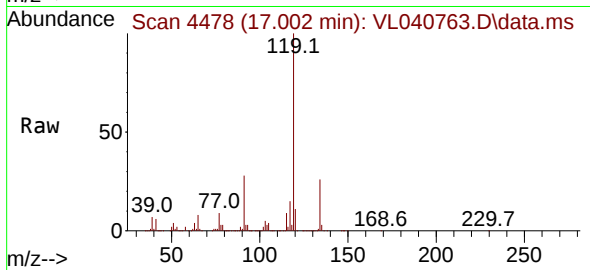
Tgt Ion: 95 Resp: 1982228
 Ion Ratio Lower Upper
 95 100
 174 67.5 54.7 82.1
 175 5.2 4.2 6.4





#69
p-Isopropyltoluene
Concen: 8.994 ppbv
RT: 17.002 min Scan# 4477
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

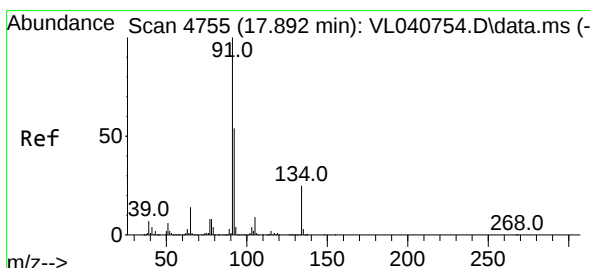
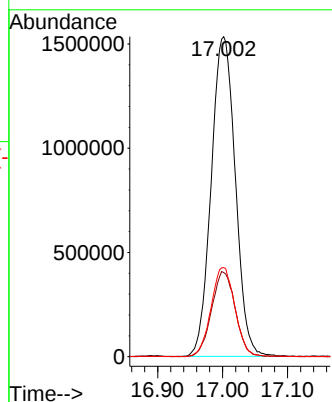
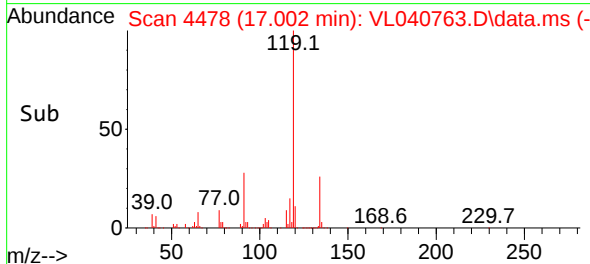
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



Tgt Ion:119 Resp: 3949604
Ion Ratio Lower Upper
119 100
134 26.2 21.0 31.4
91 27.6 22.8 34.2

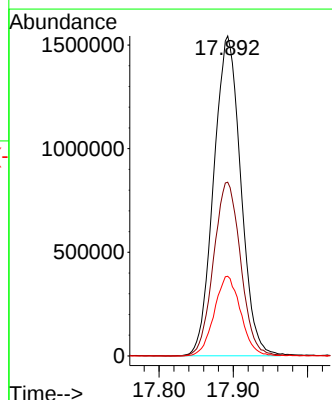
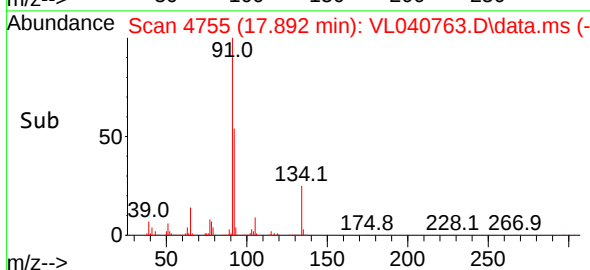
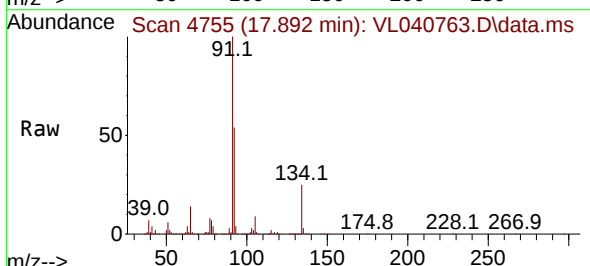
Manual Integrations
APPROVED

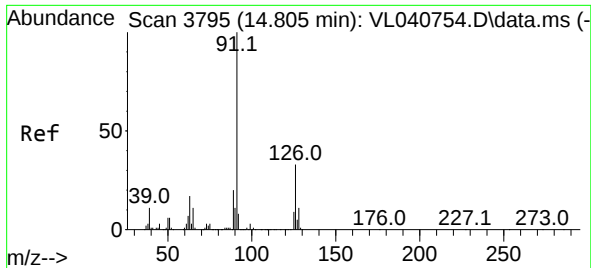
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#70
n-Butylbenzene
Concen: 9.053 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion: 91 Resp: 3903545
Ion Ratio Lower Upper
91 100
92 54.9 44.1 66.1
134 24.5 19.5 29.3





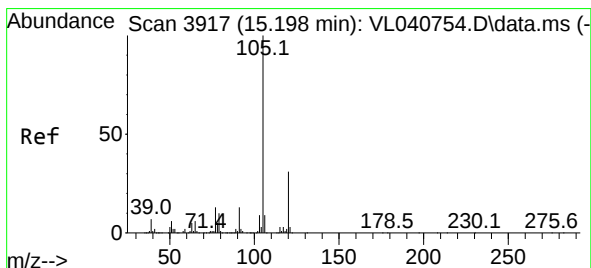
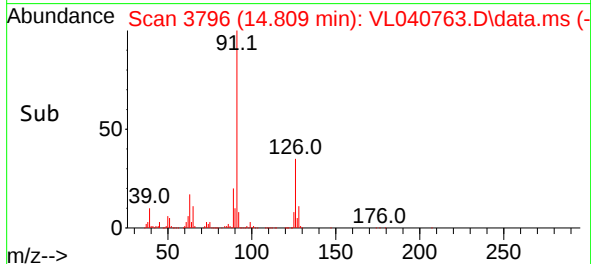
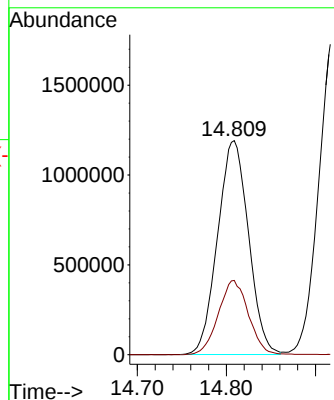
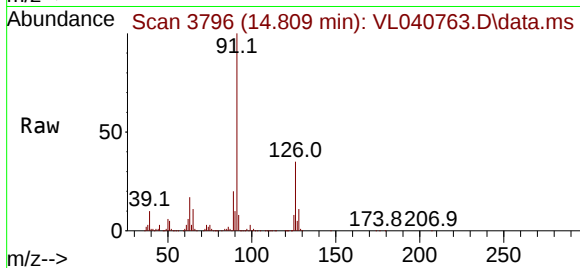
#71
2-Chlorotoluene
Concen: 9.017 ppbv
RT: 14.809 min Scan# 3795
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01

Tgt Ion: 91 Resp: 2874538
Ion Ratio Lower Upper
91 100
126 33.9 13.3 53.1

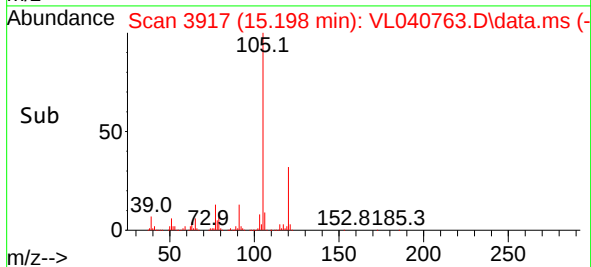
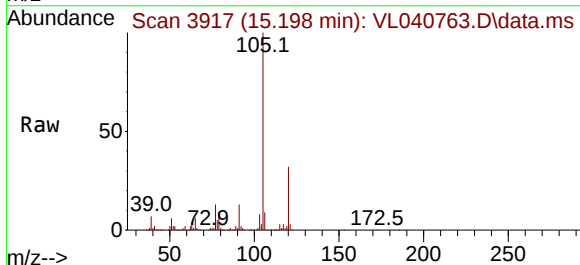
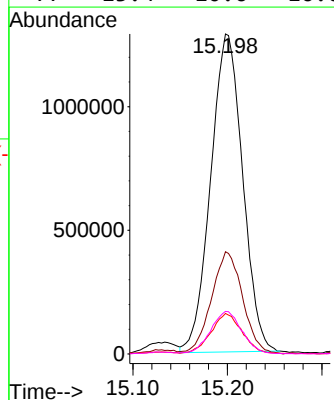
Manual Integrations
APPROVED

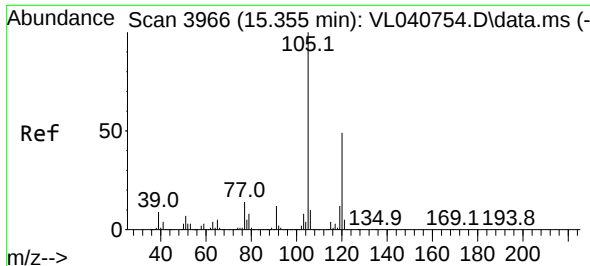
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#72
4-Ethyltoluene
Concen: 9.342 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

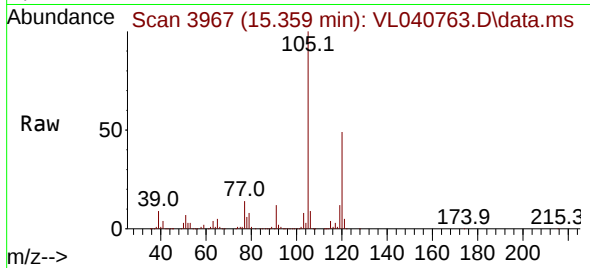
Tgt Ion:105 Resp: 3017757
Ion Ratio Lower Upper
105 100
120 31.7 25.0 37.4
91 12.3 9.8 14.8
77 13.4 10.6 16.0





#73
1,3,5-Trimethylbenzene
Concen: 9.277 ppbv
RT: 15.359 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

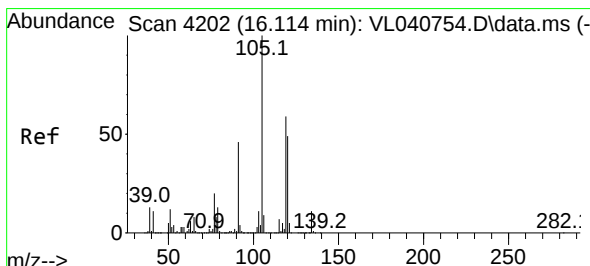
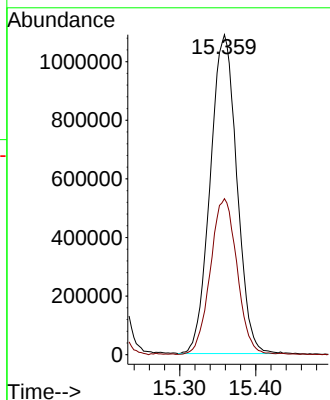
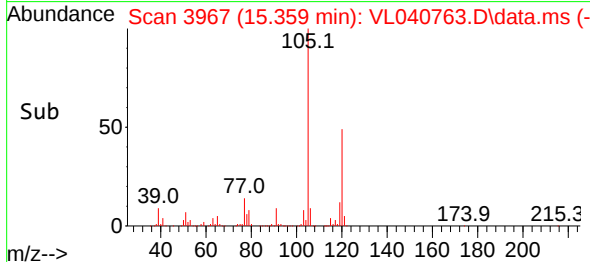
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



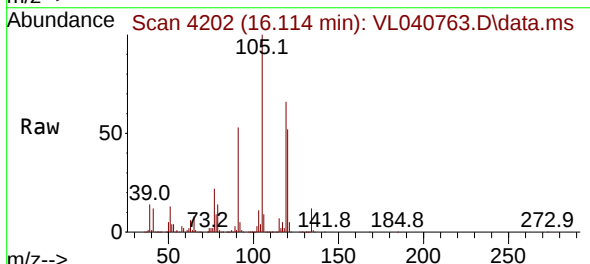
Tgt Ion:105 Resp: 263835
Ion Ratio Lower Upper
105 100
120 48.9 39.4 59.2

Manual Integrations
APPROVED

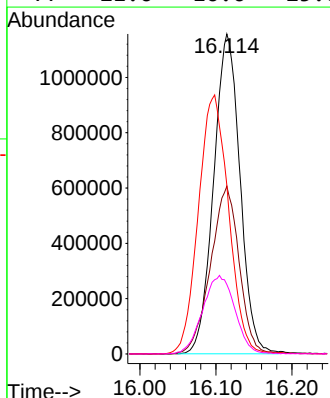
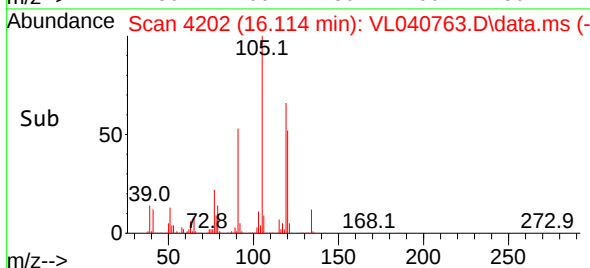
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

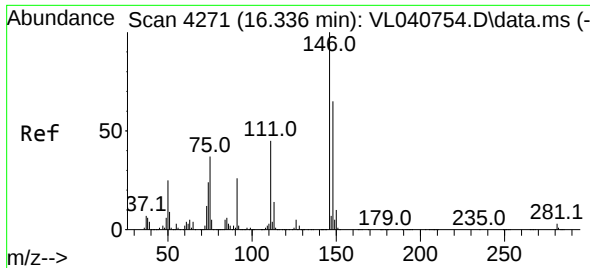


#74
1,2,4-Trimethylbenzene
Concen: 8.959 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



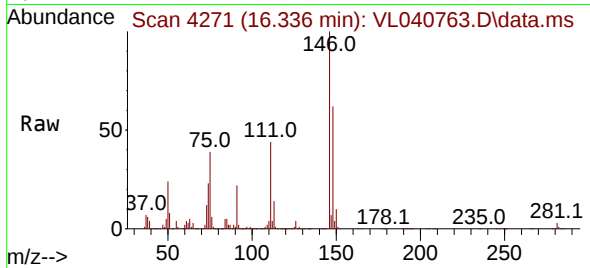
Tgt Ion:105 Resp: 2784049
Ion Ratio Lower Upper
105 100
120 52.0 39.4 59.2
91 52.4 38.6 58.0
77 21.6 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 9.159 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

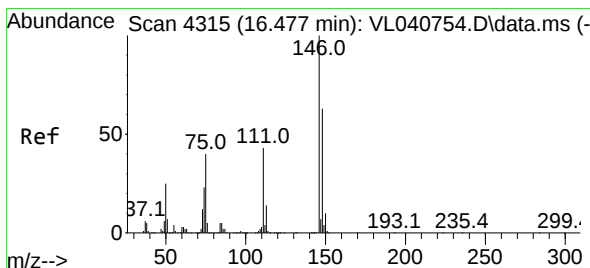
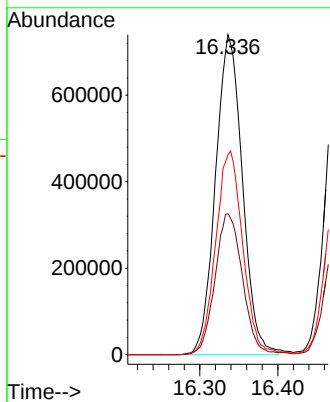
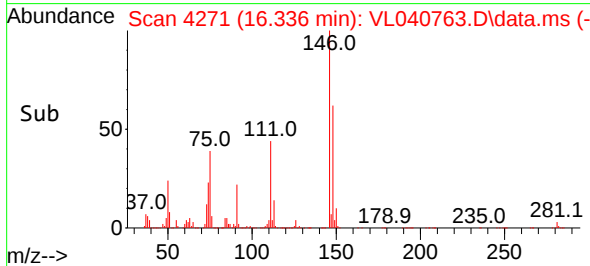
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



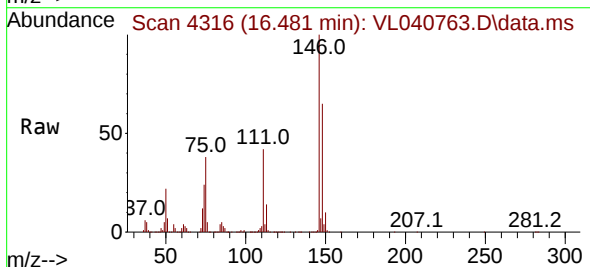
Tgt Ion:146 Resp: 1769989
Ion Ratio Lower Upper
146 100
111 45.1 22.6 67.7
148 64.5 32.4 97.0

Manual Integrations
APPROVED

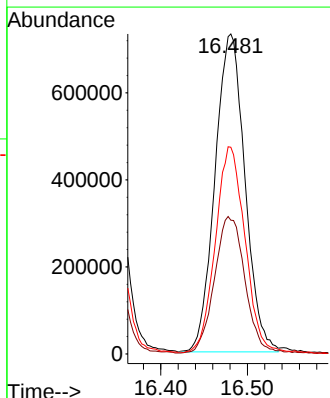
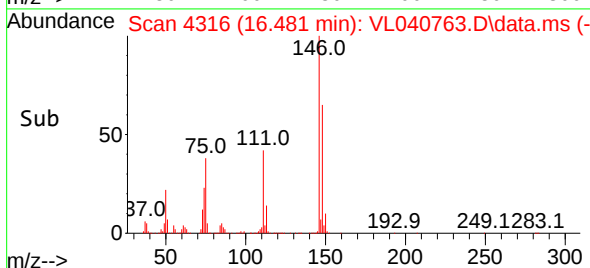
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

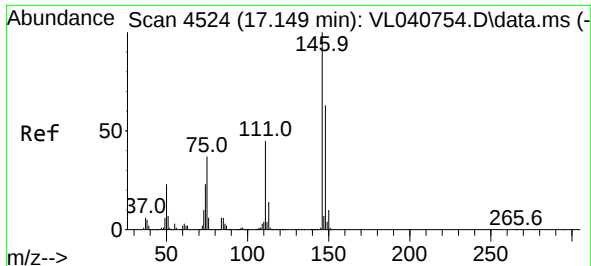


#76
1,4-Dichlorobenzene
Concen: 9.171 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



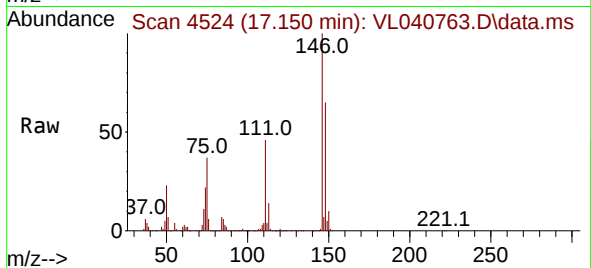
Tgt Ion:146 Resp: 1755166
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 65.3 33.4 100.1





#77
1,2-Dichlorobenzene
Concen: 9.058 ppbv
RT: 17.150 min Scan# 4524
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

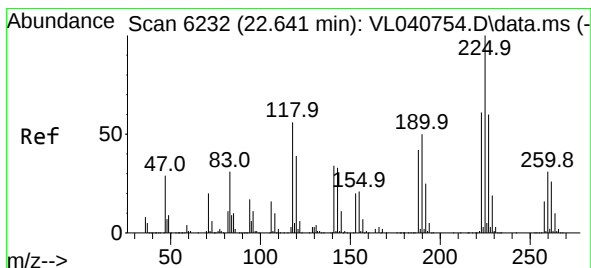
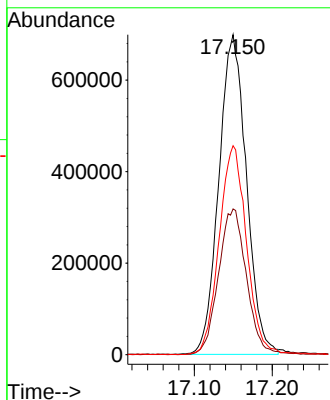
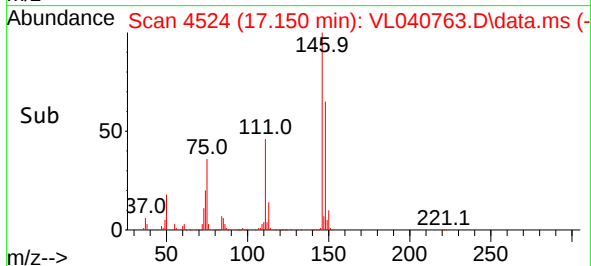
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



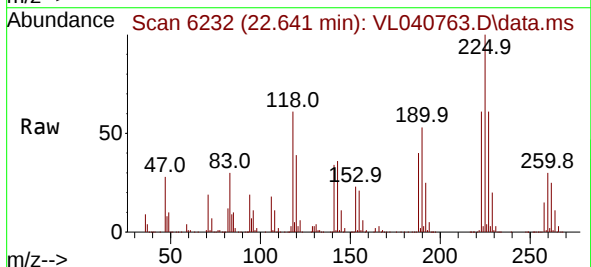
Tgt Ion:146 Resp: 171768
Ion Ratio Lower Upper
146 100
111 46.5 22.9 68.8
148 65.1 32.3 96.8

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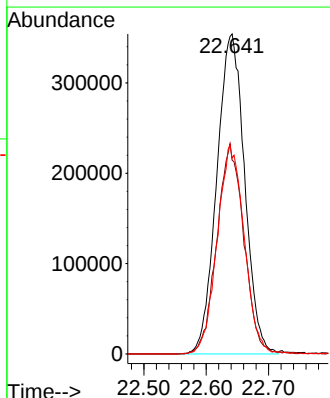
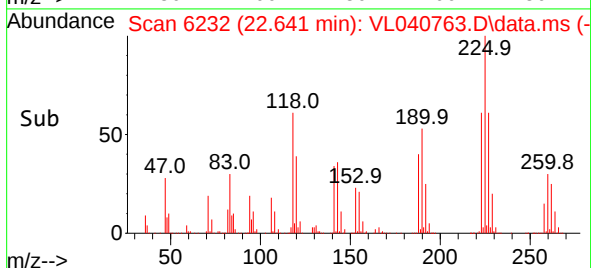
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

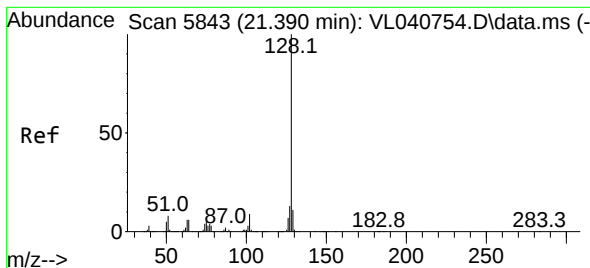


#78
Hexachloro-1,3-Butadiene
Concen: 8.094 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



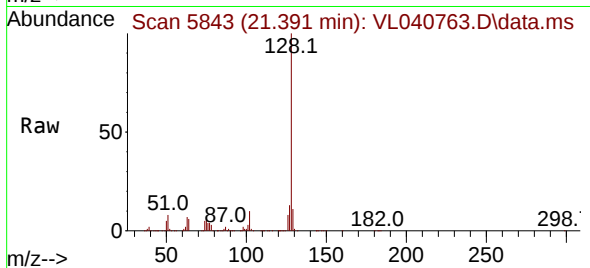
Tgt Ion:225 Resp: 1098189
Ion Ratio Lower Upper
225 100
223 63.7 50.7 76.1
227 63.7 51.4 77.0





#79
Naphthalene
Concen: 10.291 ppbv
RT: 21.391 min Scan# 5843
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

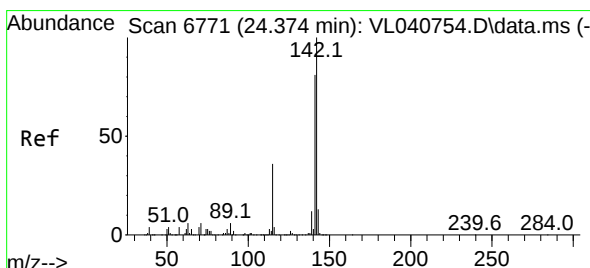
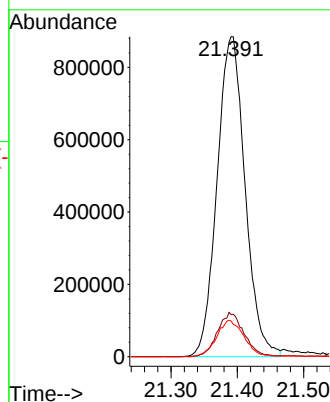
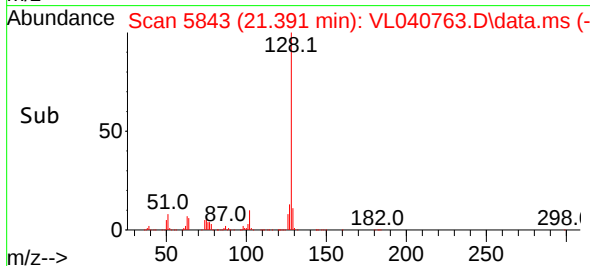
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01



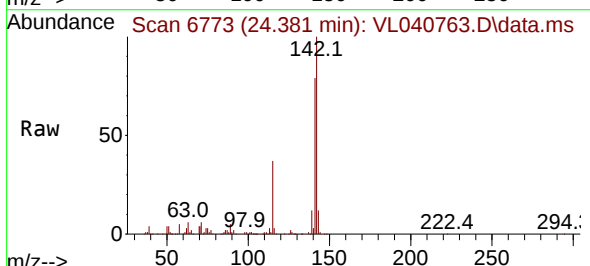
Tgt Ion:128 Resp: 2599324
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 9.0 13.4

Manual Integrations
APPROVED

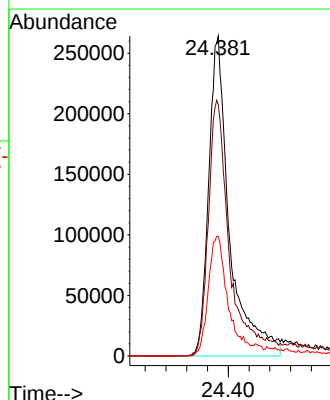
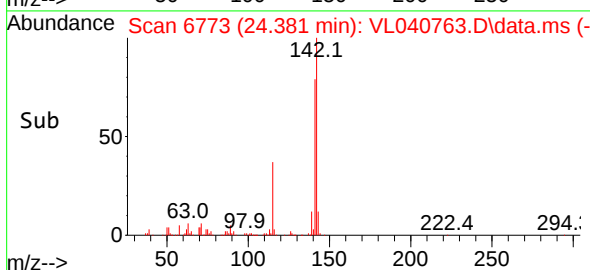
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

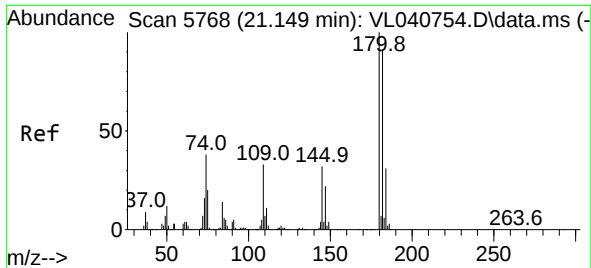


#80
Naphthalene,2-methyl-
Concen: 10.443 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. 0.007 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21



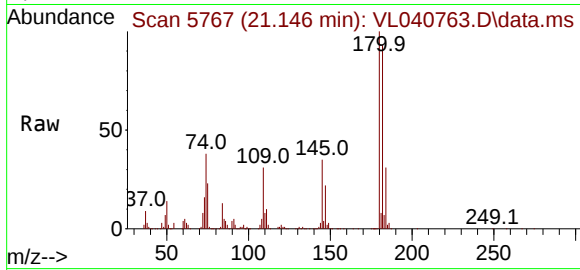
Tgt Ion:142 Resp: 740182
Ion Ratio Lower Upper
142 100
141 82.2 66.3 99.5
115 40.5 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.344 ppbv
 RT: 21.146 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1011ABS01



Tgt Ion:180 Resp: 1281420
 Ion Ratio Lower Upper
 180 100
 182 98.5 77.9 116.9
 184 31.7 25.0 37.6

Manual Integrations
 APPROVED

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

