

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040108.D
 Acq On : 19 Jan 2023 11:30
 Operator : SY/MD
 Sample : VL0119ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0119ABS01

Quant Time: Jan 20 02:04:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

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

Internal Standards						
1) Bromochloromethane	5.185	49	1111976	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2799770	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2828519m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2192774	9.328	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.716	85	2106647	10.805	ppbv	99
3) Chlorodifluoromethane	2.661	51	1260147	9.448	ppbv	98
4) Chloromethane	2.800	50	807531	9.796	ppbv	100
5) Vinyl Chloride	2.906	62	696704	9.969	ppbv	98
6) Bromomethane	3.108	94	245508	9.627	ppbv	99
7) Chloroethane	3.186	64	247785	9.276	ppbv	99
8) Dichlorotetrafluoroethane	2.845	85	1750784	9.619	ppbv	99
9) Propene	2.681	41	539598	9.738	ppbv	100
10) Heptane	7.578	43	1352493	10.590	ppbv	100
11) Trichlorofluoromethane	3.552	101	1804159	9.272	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.057	101	1318953	9.017	ppbv	97
13) Ethanol	3.234	45	41520m	8.141	ppbv	
14) Bromoethene	3.356	108	541272	9.968	ppbv	100
15) Acetone	3.456	43	1227197	9.202	ppbv	99
16) 1,3-Butadiene	2.973	39	620795	9.985	ppbv	99
17) tert-Butyl alcohol	3.870	59	1245309	10.028	ppbv	100
18) 1,1-Dichloroethene	3.870	96	600182	9.443	ppbv	98
19) Isopropyl Alcohol	3.565	45	608463	9.325	ppbv	99
20) Methylene Chloride	3.925	84	514517	8.745	ppbv	97
21) Allyl Chloride	3.989	41	859843	10.041	ppbv	98
22) trans-1,2-Dichloroethene	4.440	96	619238	9.535	ppbv	95
23) Vinyl Acetate	4.616	43	427532	9.890	ppbv #	97
24) 1,1-Dichloroethane	4.559	63	1256150	9.596	ppbv	99
25) Ethyl Acetate	5.198	43	2491869	10.606	ppbv	100
26) Hexane	5.208	57	1041719	10.132	ppbv	99
27) Carbon Disulfide	4.115	76	1486755	11.162	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	1139801	9.854	ppbv	100
29) Chloroform	5.269	83	1790481	10.892	ppbv	97
30) Cyclohexane	6.600	84	867695	10.616	ppbv	98
31) cis-1,2-Dichloroethene	5.073	61	1036677	10.415	ppbv	98
32) 1,1,1-Trichloroethane	5.999	97	1770004	10.593	ppbv	99
34) 2-Butanone	4.780	43	1381977	10.435	ppbv	100
35) Carbon Tetrachloride	6.494	117	1853626	11.709	ppbv	99
36) Benzene	6.369	78	2231766	10.772	ppbv	99
37) 1,2-Dichloroethane	5.803	62	1393225	10.462	ppbv	100
38) Trichloroethene	7.288	130	1327672	11.291	ppbv	96
39) 1,2-Dichloropropane	7.073	63	872089	10.761	ppbv	97
40) 1,4-Dioxane	7.288	88	355333	11.048	ppbv	95
41) Tetrahydrofuran	5.552	42	875685	11.456	ppbv	99
42) Bromodichloromethane	7.250	83	2000290	11.123	ppbv	100
43) Methyl Methacrylate	7.475	69	899778	11.834	ppbv	100
44) 2,2,4-Trimethylpentane	7.324	57	3682155	10.687	ppbv	99
45) t-1,3-Dichloropropene	8.713	75	875016m	12.906	ppbv	

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 02:04:36 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

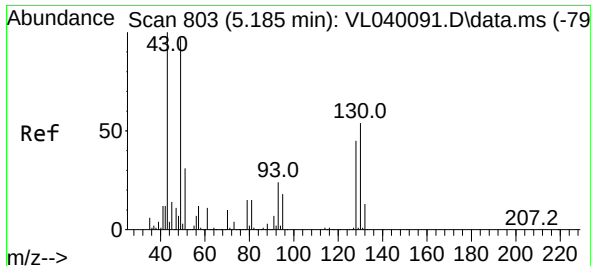
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

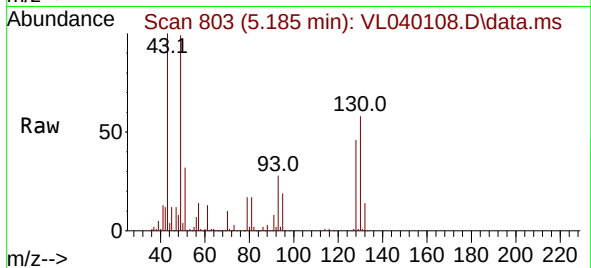
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.144	75	1187528	12.818	ppbv	100
47) 1,1,2-Trichloroethane	8.902	97	934546	10.953	ppbv	99
48) Dibromochloromethane	9.713	129	1626920	11.864	ppbv	99
49) Bromoform	12.414	173	1300450	12.310	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2321320	11.144	ppbv	100
51) 2-Hexanone	9.552	43	1839899	11.659	ppbv #	98
52) Tetrachloroethene	10.619	164	756286	11.158	ppbv	98
53) Toluene	9.224	91	2556482	11.569	ppbv	100
54) 1,2-Dibromoethane	10.012	107	1070118	11.980	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.513	131	1156109	10.502	ppbv	98
57) Chlorobenzene	11.533	112	1950869	10.118	ppbv	97
58) Ethyl Benzene	12.095	91	3479257	11.023	ppbv	99
59) m/p-Xylene	12.378	91	6038898m	21.278	ppbv	
60) o-Xylene	13.063	91	2908024	10.795	ppbv	100
61) Styrene	12.902	104	1683990	11.996	ppbv	99
62) Isopropylbenzene	14.034	105	4053723	10.462	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.057	83	990858	10.130	ppbv	100
64) n-propylbenzene	14.921	120	1031585	10.710	ppbv	98
65) tert-Butylbenzene	16.098	119	3518821	10.607	ppbv	99
66) Benzyl Chloride	16.339	91	262244	11.567	ppbv #	97
67) sec-Butylbenzene	16.645	105	4971926	10.572	ppbv	100
69) p-Isopropyltoluene	17.005	119	3993728	10.806	ppbv	99
70) n-Butylbenzene	17.896	91	4304652	10.801	ppbv	100
71) 2-Chlorotoluene	14.809	91	3170099	10.638	ppbv	99
72) 4-Ethyltoluene	15.201	105	3273140	10.949	ppbv	99
73) 1,3,5-Trimethylbenzene	15.359	105	2910299	10.813	ppbv	98
74) 1,2,4-Trimethylbenzene	16.114	105	3142570	10.540	ppbv	96
75) 1,3-Dichlorobenzene	16.339	146	1752584	10.584	ppbv	100
76) 1,4-Dichlorobenzene	16.481	146	1704354	10.468	ppbv	99
77) 1,2-Dichlorobenzene	17.150	146	1636207	10.332	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1093597m	9.428	ppbv	
79) Naphthalene	21.397	128	2258589	13.224	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	695408	12.083	ppbv	96
81) 1,2,4-Trichlorobenzene	21.149	180	1164848	11.065	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 803
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

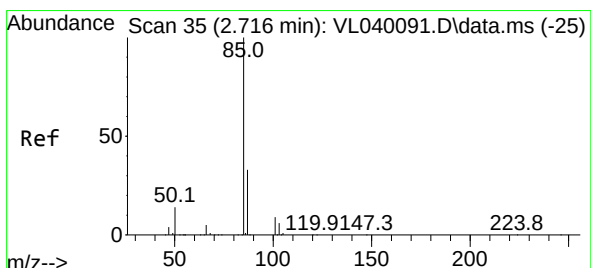
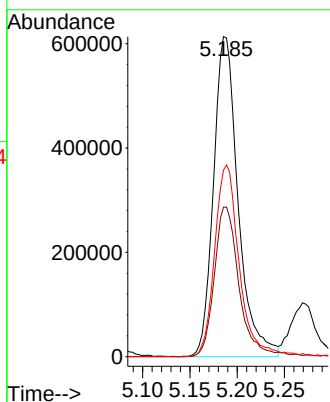
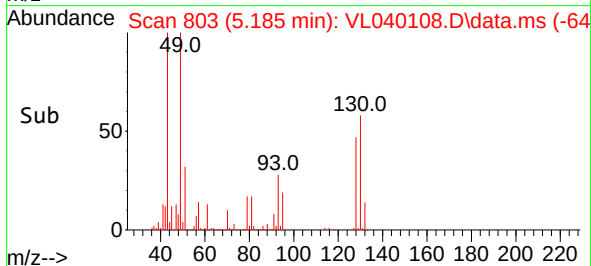
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



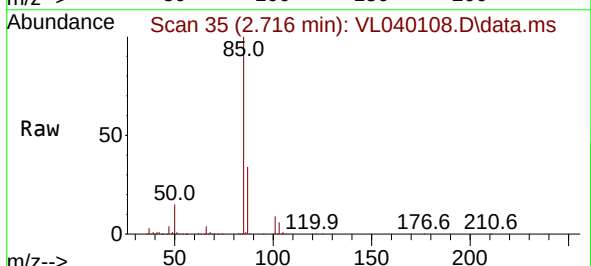
Tgt Ion: 49 Resp: 1111970
Ion Ratio Lower Upper
49 100
128 47.8 23.6 71.0
130 60.4 29.8 89.3

Manual Integrations
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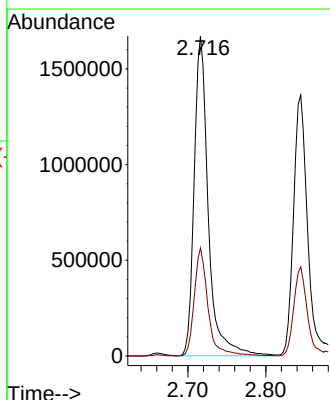
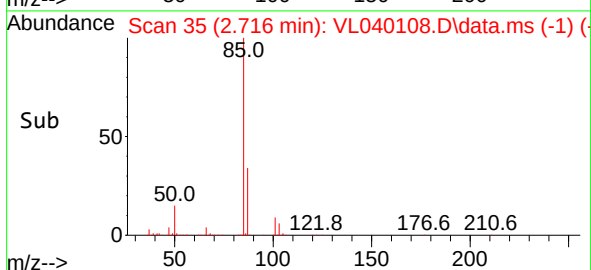
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

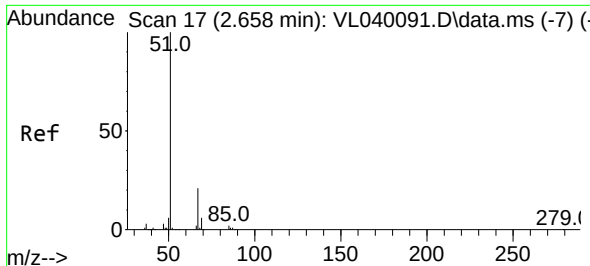


#2
Dichlorodifluoromethane
Concen: 10.805 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30



Tgt Ion: 85 Resp: 2106647
Ion Ratio Lower Upper
85 100
87 33.8 26.5 39.7





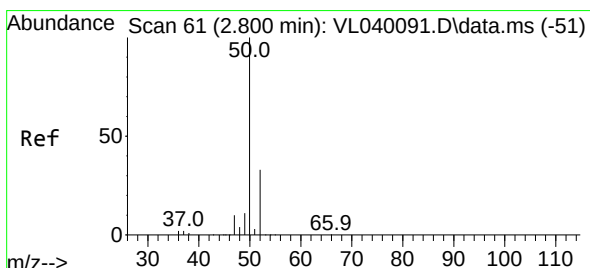
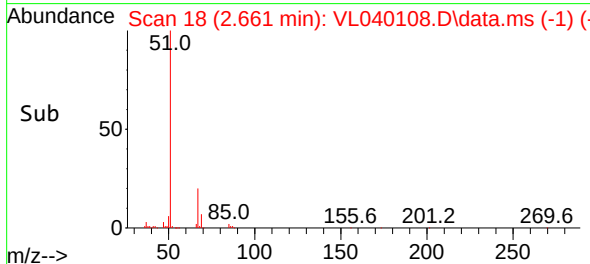
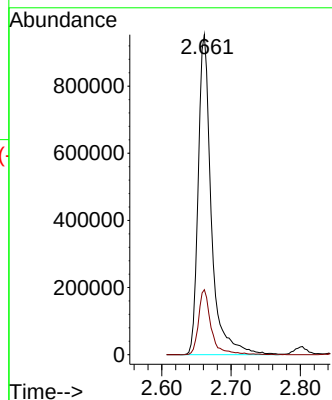
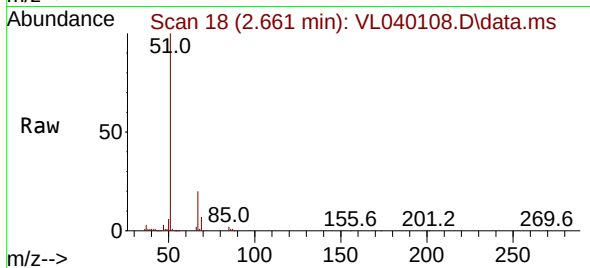
#3
Chlorodifluoromethane
Concen: 9.448 ppbv
RT: 2.661 min Scan# 18
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

Tgt Ion: 51 Resp: 126014
Ion Ratio Lower Upper
51 100
67 19.7 16.4 24.6

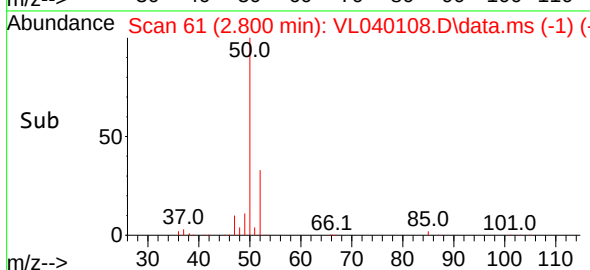
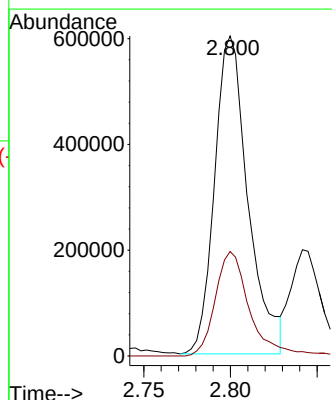
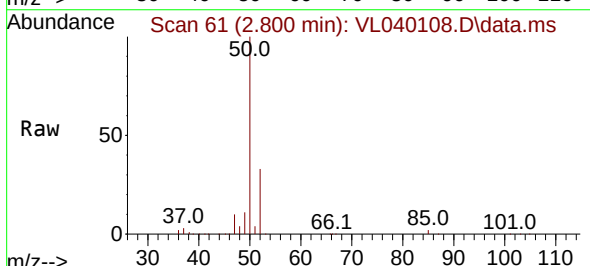
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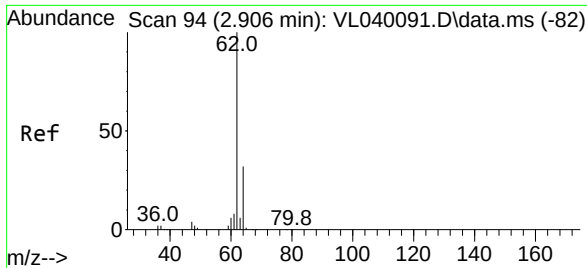
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#4
Chloromethane
Concen: 9.796 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

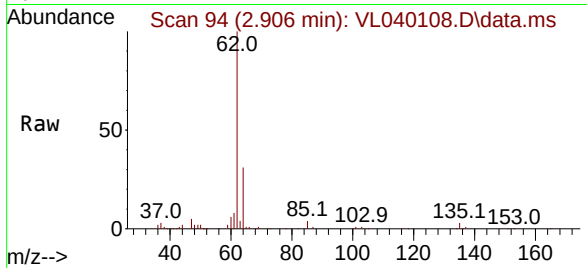
Tgt Ion: 50 Resp: 807531
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.969 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

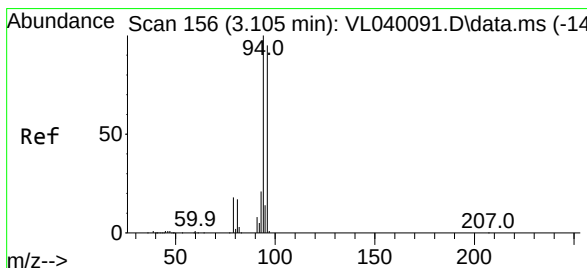
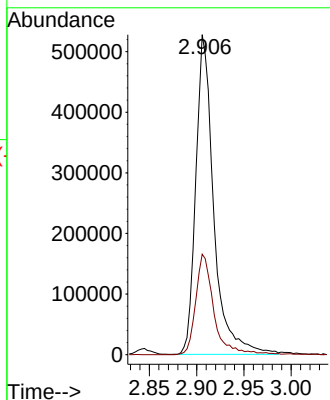
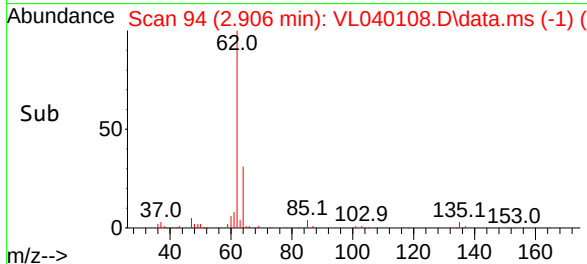
Instrument :
 MSVOA_L
 ClientSampleId :
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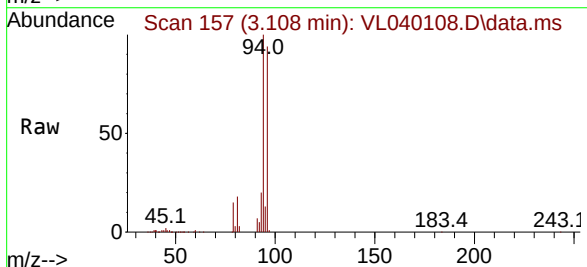
Tgt Ion: 62 Resp: 696704
 Ion Ratio Lower Upper
 62 100
 64 31.3 25.8 38.6

Manual Integrations
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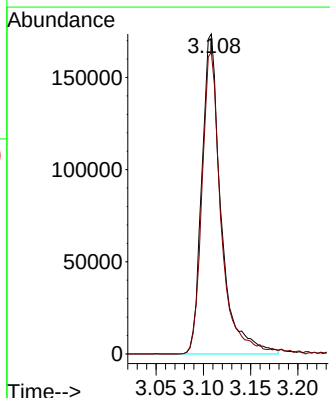
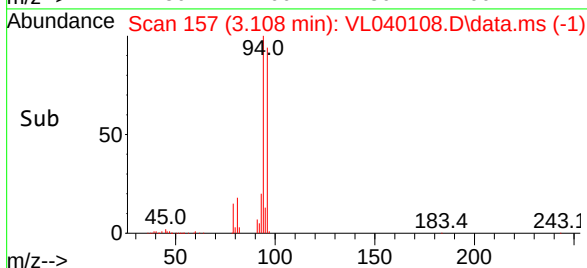
Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

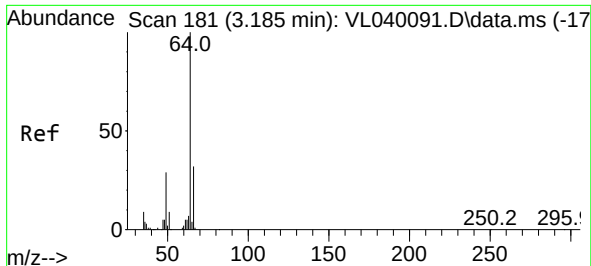


#6
 Bromomethane
 Concen: 9.627 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.003 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30



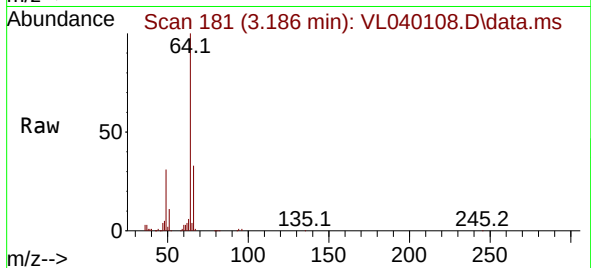
Tgt Ion: 94 Resp: 245508
 Ion Ratio Lower Upper
 94 100
 96 94.3 76.2 114.2





#7
Chloroethane
Concen: 9.276 ppbv
RT: 3.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

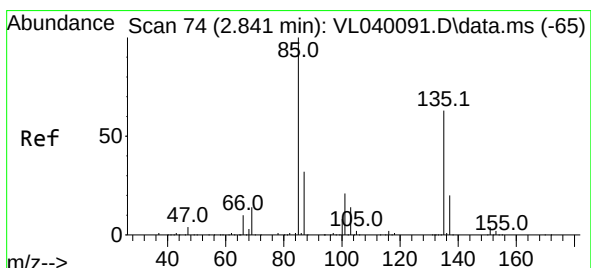
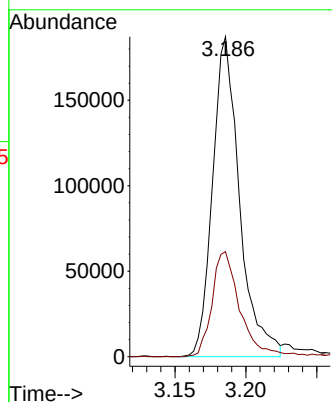
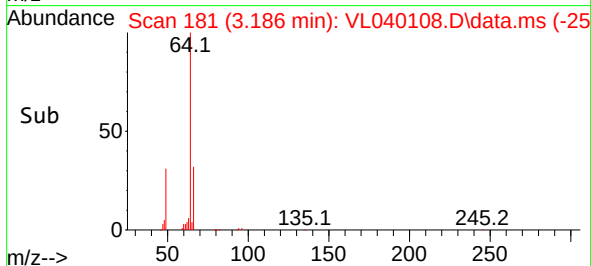
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



Tgt Ion: 64 Resp: 247785
Ion Ratio Lower Upper
64 100
66 32.8 25.6 38.4

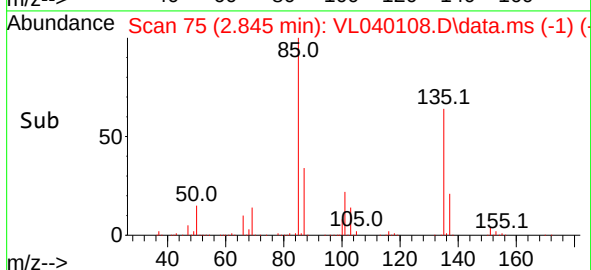
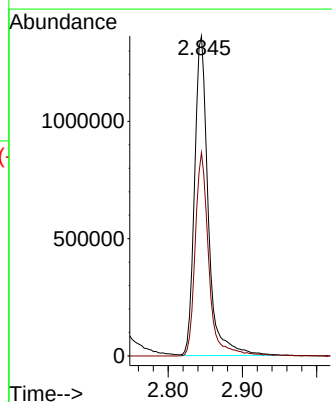
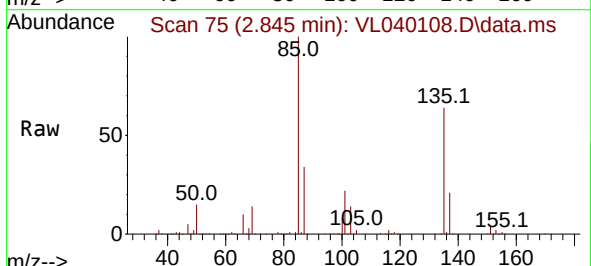
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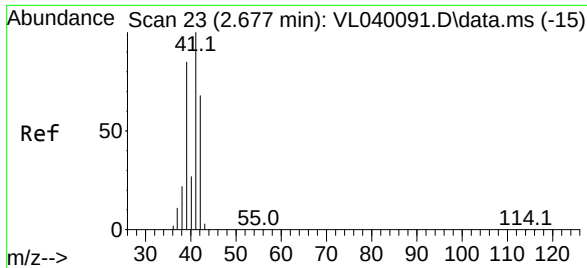
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#8
Dichlorotetrafluoroethane
Concen: 9.619 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 85 Resp: 1750784
Ion Ratio Lower Upper
85 100
135 63.7 51.4 77.2





#9

Propene

Concen: 9.738 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01

Tgt Ion: 41 Resp: 539598

Ion Ratio Lower Upper

41 100

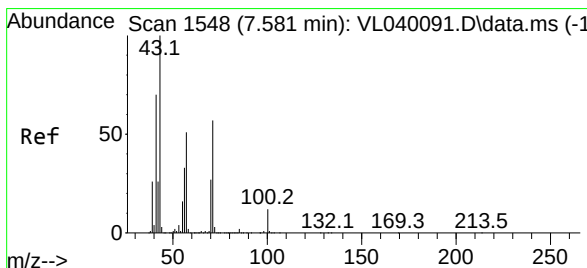
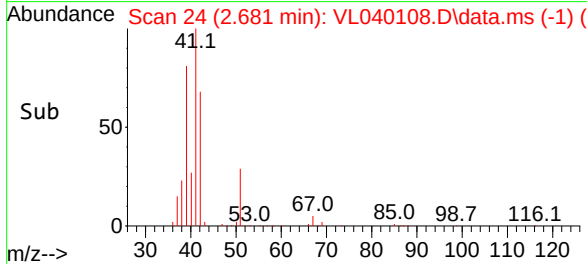
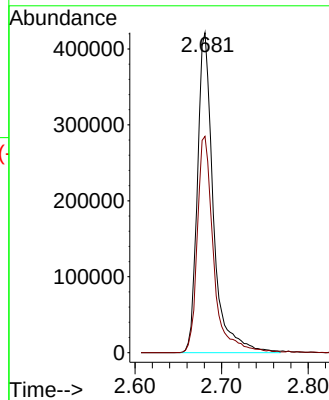
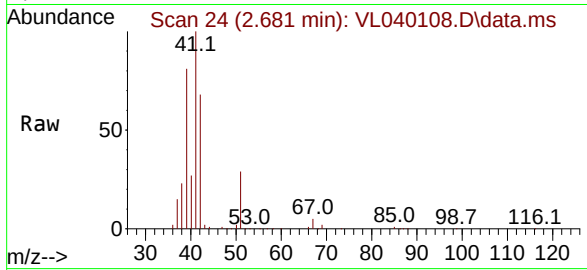
42 69.5 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#10

Heptane

Concen: 10.590 ppbv

RT: 7.578 min Scan# 1547

Delta R.T. -0.003 min

Lab File: VL040108.D

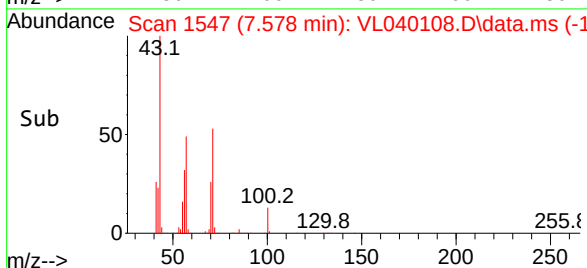
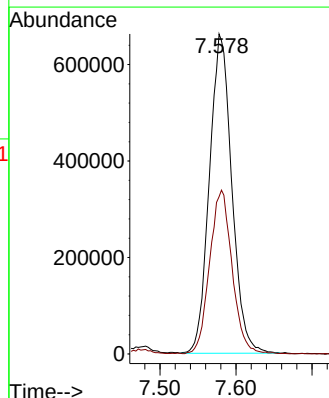
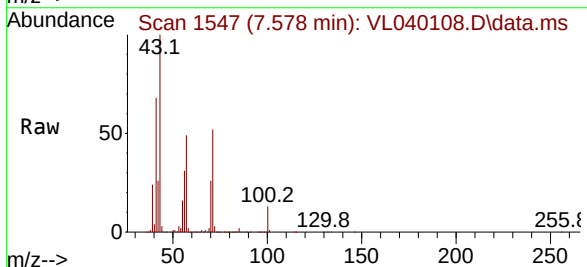
Acq: 19 Jan 2023 11:30

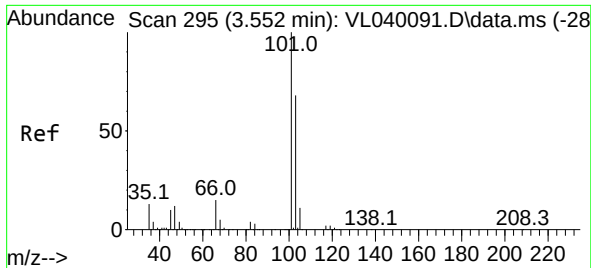
Tgt Ion: 43 Resp: 1352493

Ion Ratio Lower Upper

43 100

57 51.4 40.9 61.3





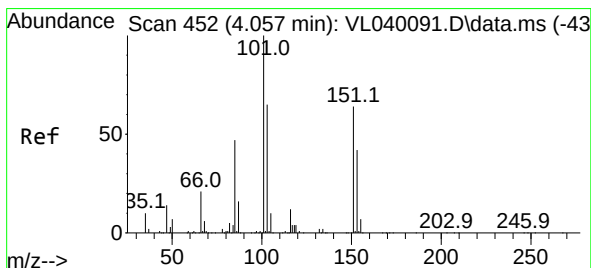
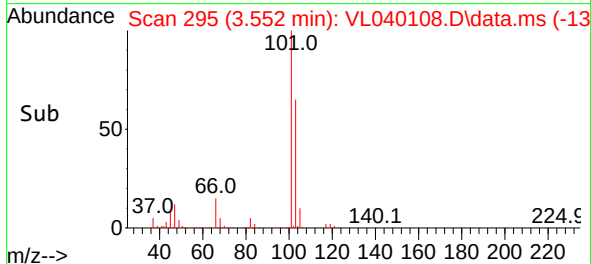
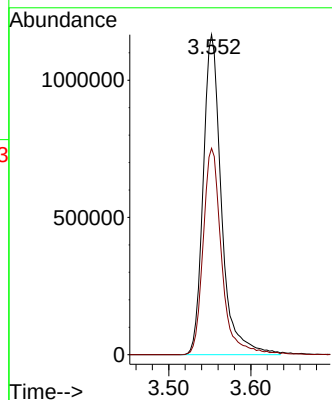
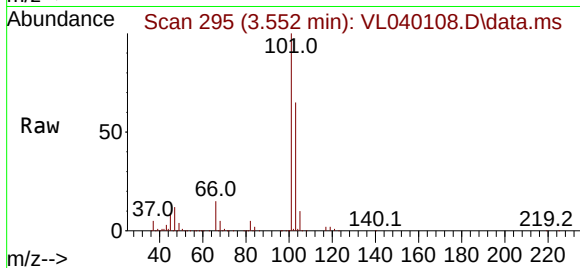
#11
 Trichlorofluoromethane
 Concen: 9.272 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0119ABS01

Tgt Ion:101 Resp: 1804159
 Ion Ratio Lower Upper
 101 100
 103 64.5 54.0 81.0

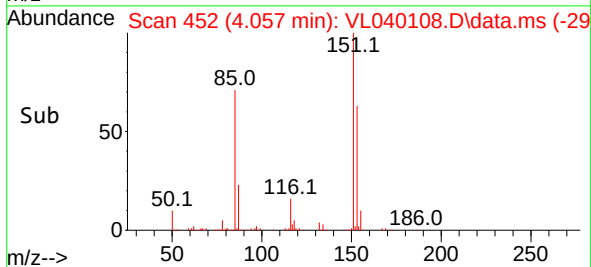
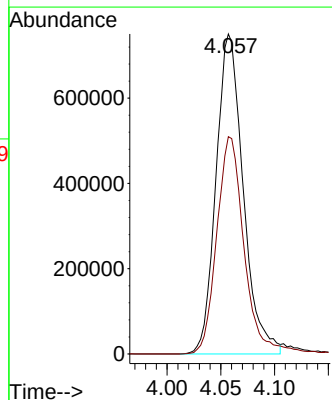
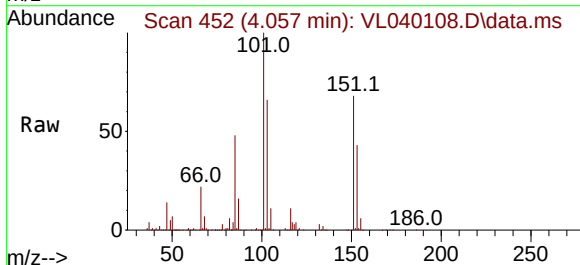
Manual Integrations
 APPROVED

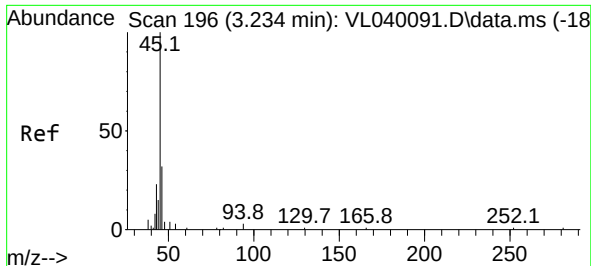
Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.017 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

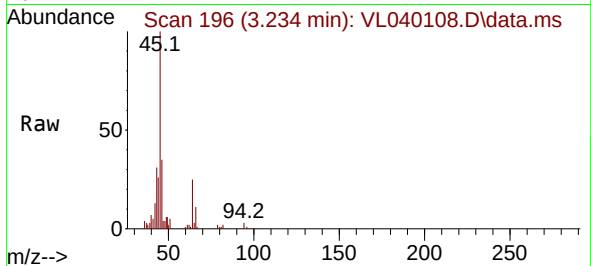
Tgt Ion:101 Resp: 1318953
 Ion Ratio Lower Upper
 101 100
 151 69.2 53.2 79.8





#13
Ethanol
Concen: 8.141 ppbv m
RT: 3.234 min Scan# 196
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

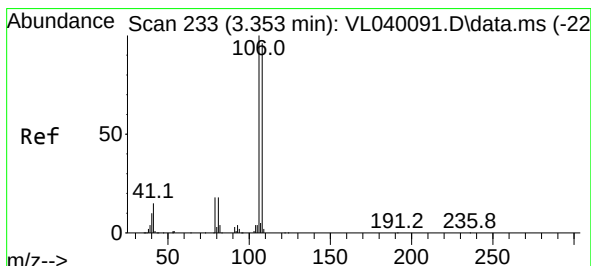
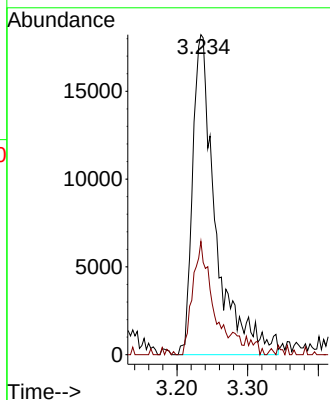
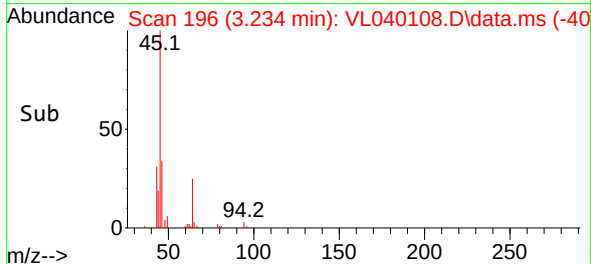
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



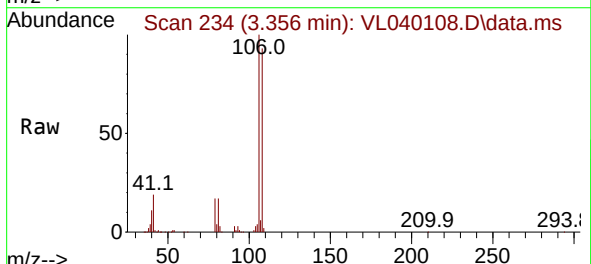
Tgt Ion: 45 Resp: 41520
Ion Ratio Lower Upper
45 100
46 34.4 14.8 59.2

Manual Integrations
APPROVED

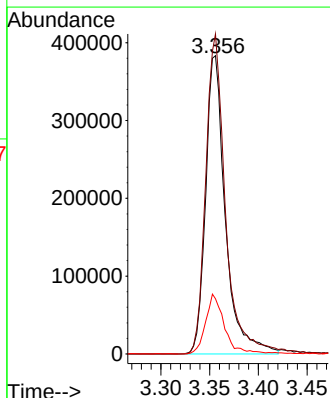
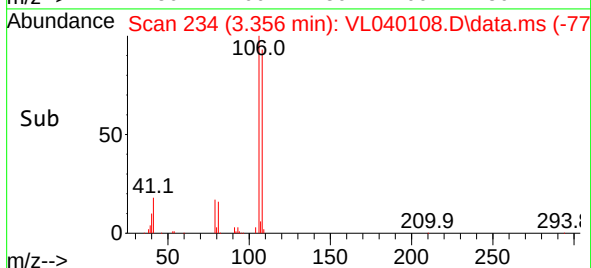
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

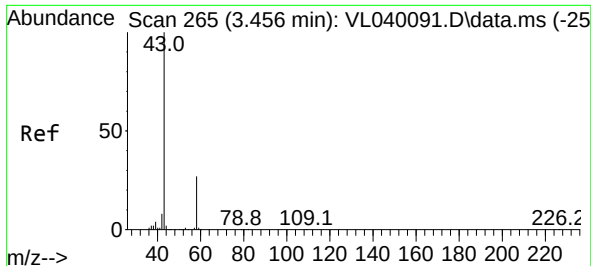


#14
Bromoethene
Concen: 9.968 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30



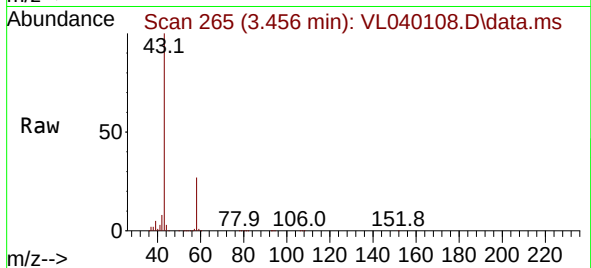
Tgt Ion:108 Resp: 541272
Ion Ratio Lower Upper
108 100
106 108.6 87.0 130.6
79 19.6 16.1 24.1





#15
Acetone
Concen: 9.202 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

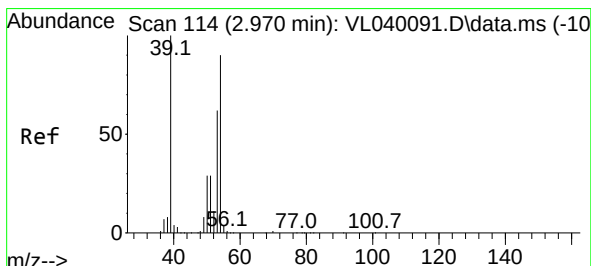
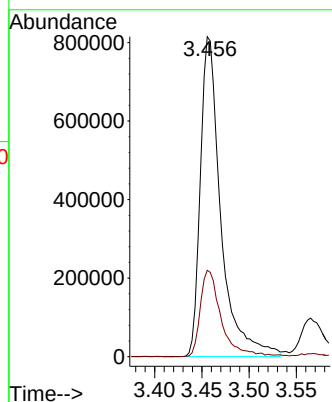
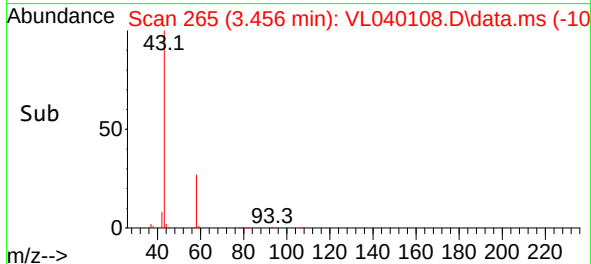
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



Tgt Ion: 43 Resp: 122719
Ion Ratio Lower Upper
43 100
58 27.6 21.8 32.8

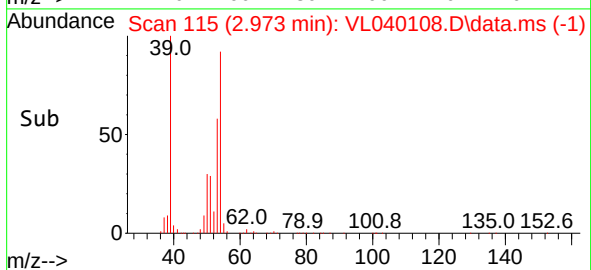
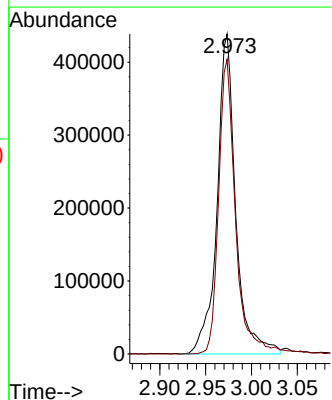
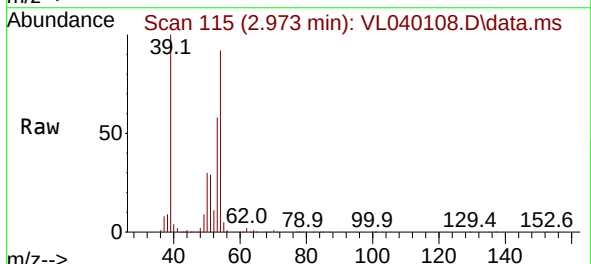
Manual Integrations
APPROVED

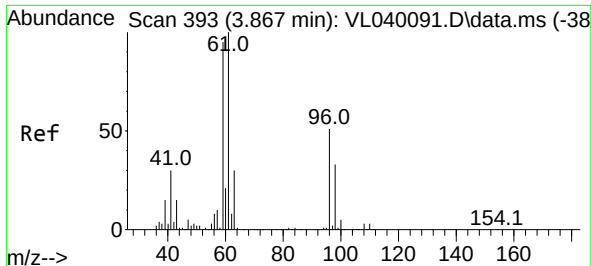
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#16
1,3-Butadiene
Concen: 9.985 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 39 Resp: 620795
Ion Ratio Lower Upper
39 100
54 84.3 67.9 101.9





#17

tert-Butyl alcohol

Concen: 10.028 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01

Tgt Ion: 59 Resp: 1245309

Ion Ratio Lower Upper

59 100

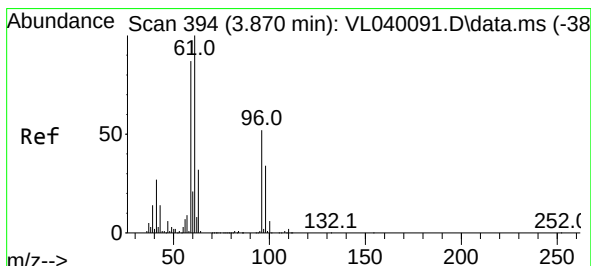
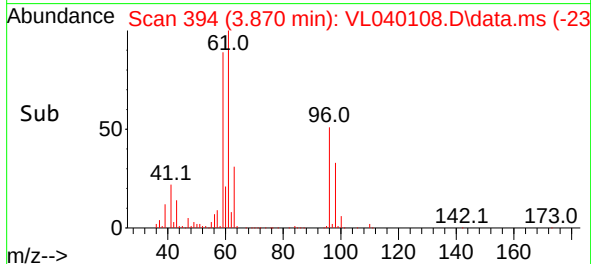
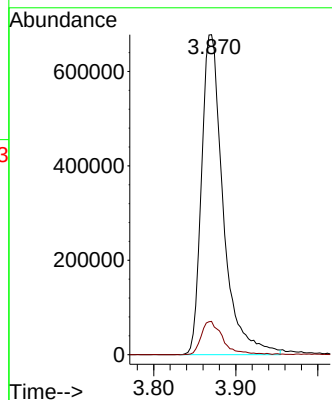
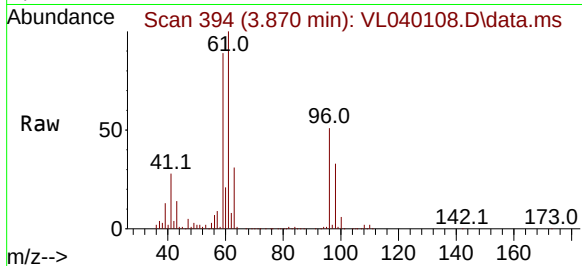
57 10.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#18

1,1-Dichloroethene

Concen: 9.443 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

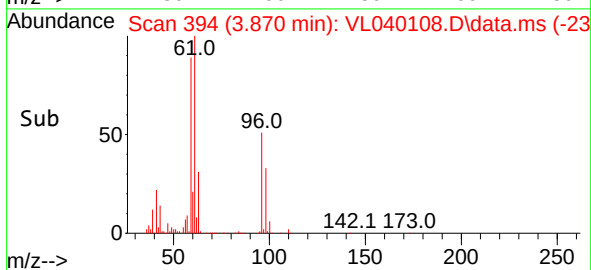
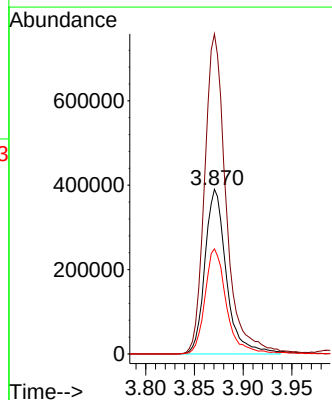
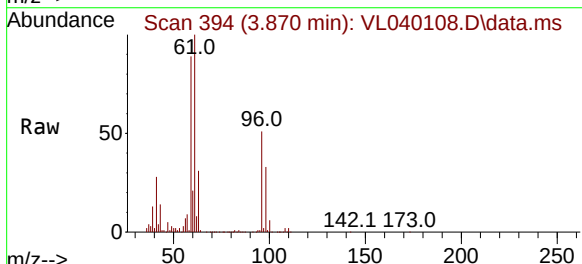
Tgt Ion: 96 Resp: 600182

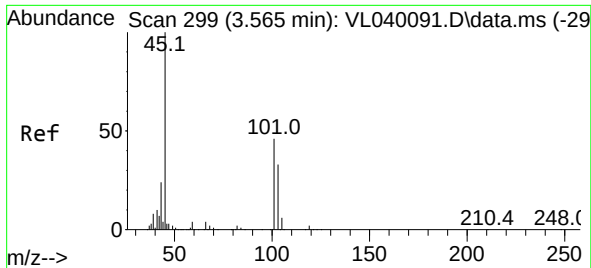
Ion Ratio Lower Upper

96 100

61 194.3 153.0 229.4

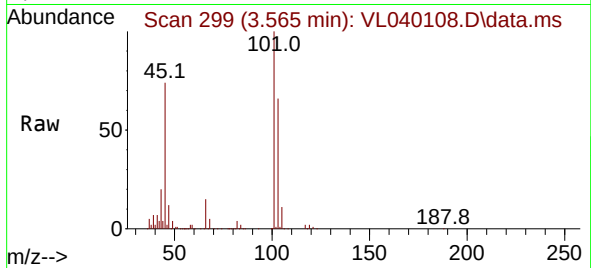
98 63.8 52.7 79.1





#19
Isopropyl Alcohol
Concen: 9.325 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

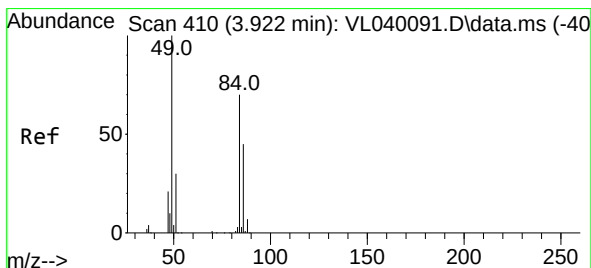
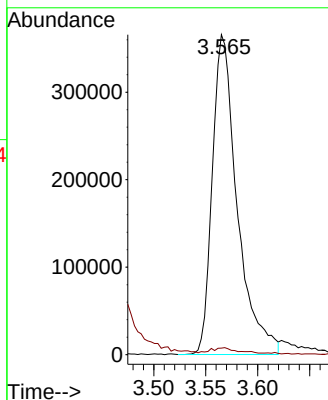
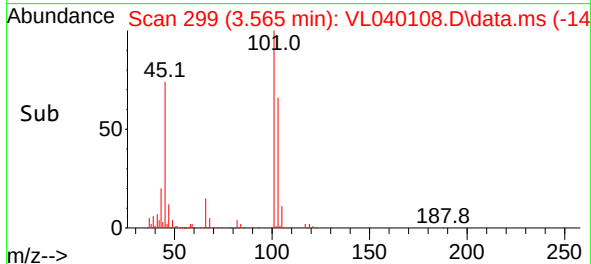
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



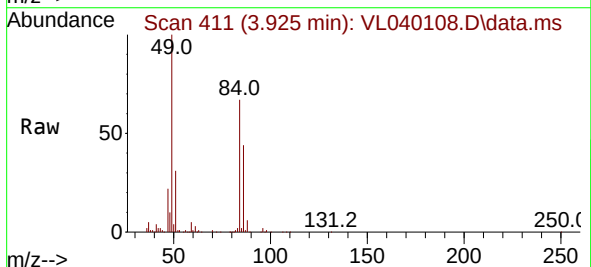
Tgt Ion: 45 Resp: 60846
Ion Ratio Lower Upper
45 100
58 3.1 2.6 4.0

Manual Integrations
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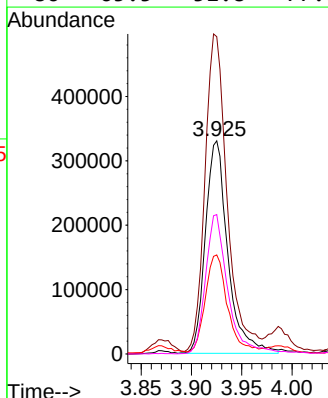
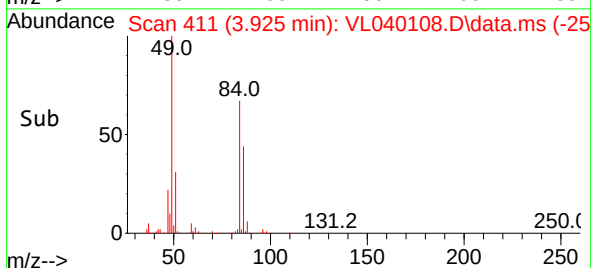
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

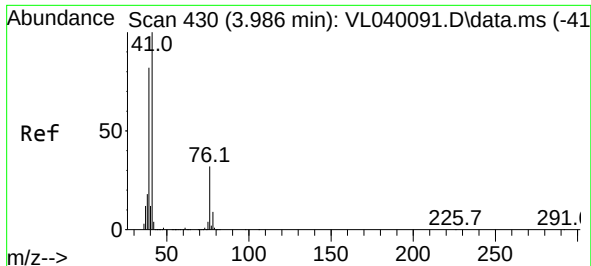


#20
Methylene Chloride
Concen: 8.745 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30



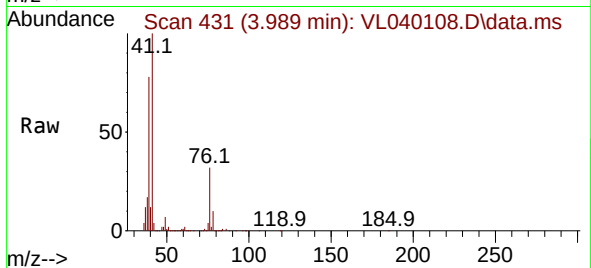
Tgt Ion: 84 Resp: 514517
Ion Ratio Lower Upper
84 100
49 146.9 114.6 171.8
51 45.0 34.3 51.5
86 65.5 51.8 77.8





#21
 Allyl Chloride
 Concen: 10.041 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

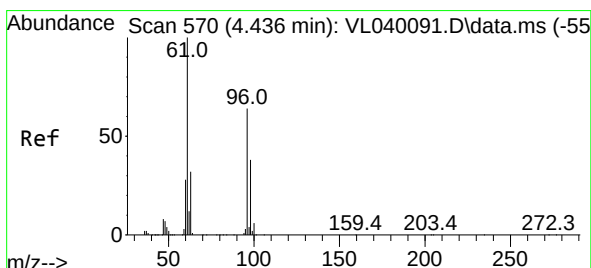
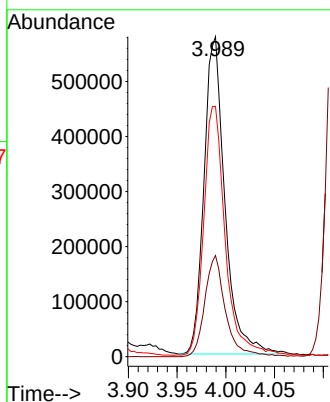
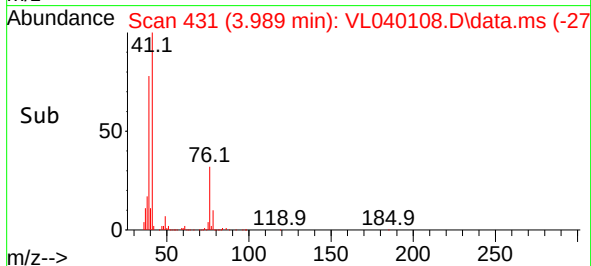
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0119ABS01



Tgt Ion: 41 Resp: 85984
 Ion Ratio Lower Upper
 41 100
 76 31.7 25.9 38.9
 39 81.6 66.8 100.2

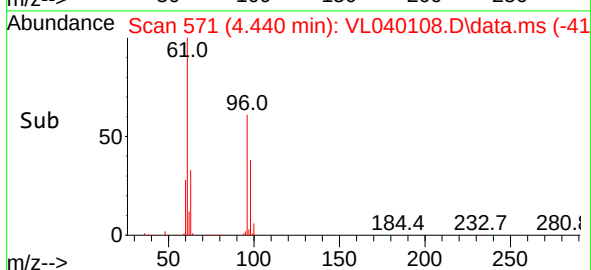
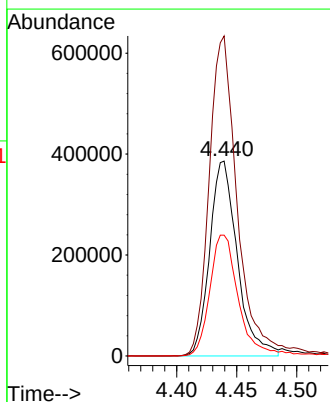
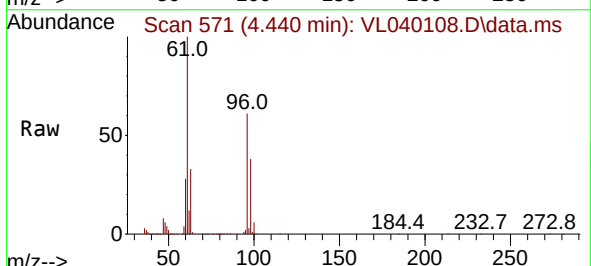
Manual Integrations
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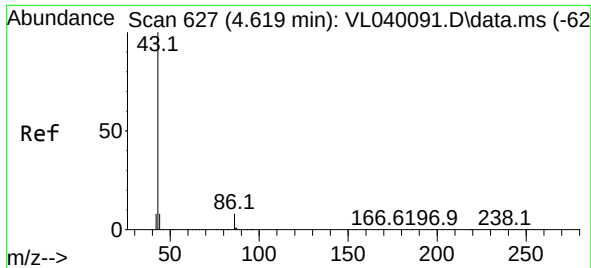
Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.535 ppbv
 RT: 4.440 min Scan# 571
 Delta R.T. 0.003 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

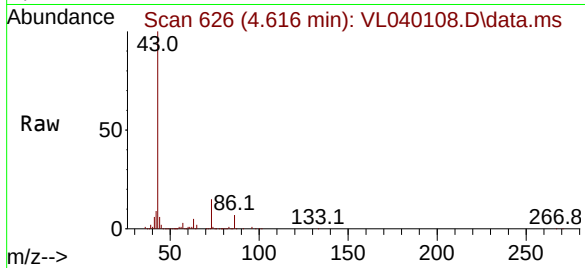
Tgt Ion: 96 Resp: 619238
 Ion Ratio Lower Upper
 96 100
 61 164.0 125.8 188.8
 98 62.0 47.4 71.2





#23
 Vinyl Acetate
 Concen: 9.890 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

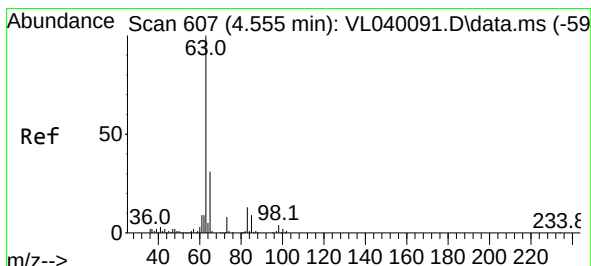
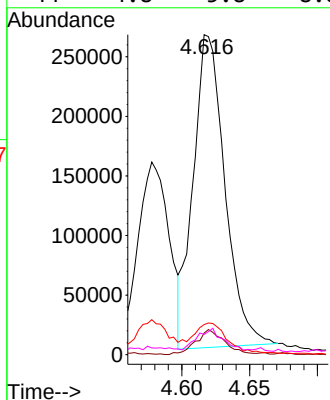
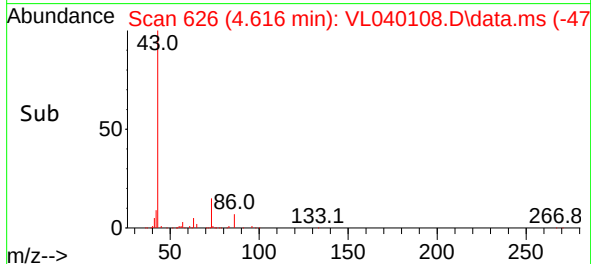
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0119ABS01



Tgt Ion: 43 Resp: 427532
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.6 8.4
 42 9.2 7.7 11.5
 44 4.8 5.8 8.8#

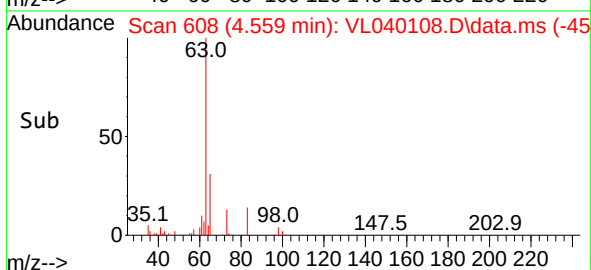
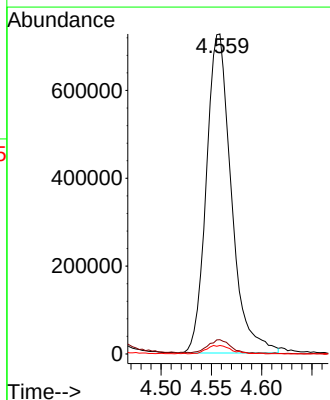
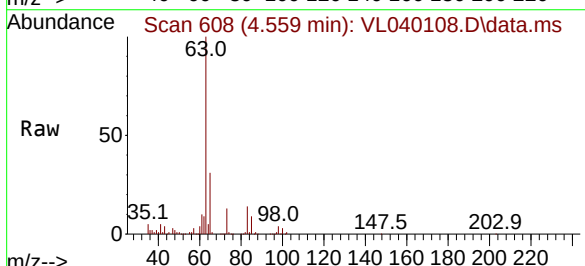
Manual Integrations
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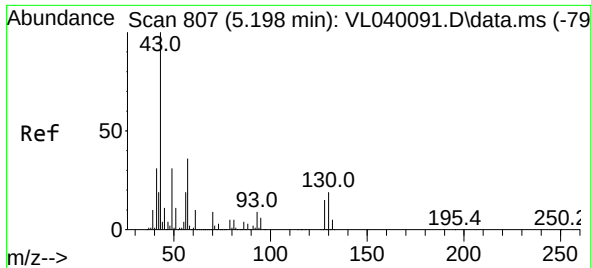
Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#24
 1,1-Dichloroethane
 Concen: 9.596 ppbv
 RT: 4.559 min Scan# 608
 Delta R.T. 0.003 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

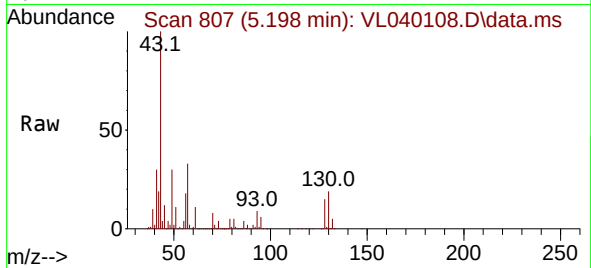
Tgt Ion: 63 Resp: 1256150
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.0 5.8
 100 2.6 1.1 3.5





#25
Ethyl Acetate
Concen: 10.606 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

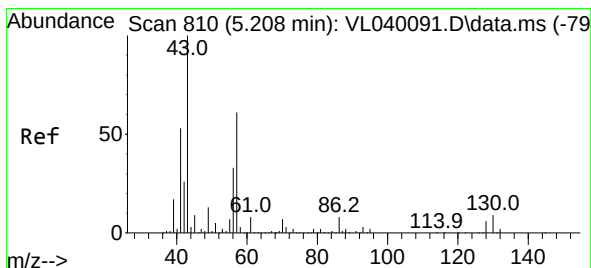
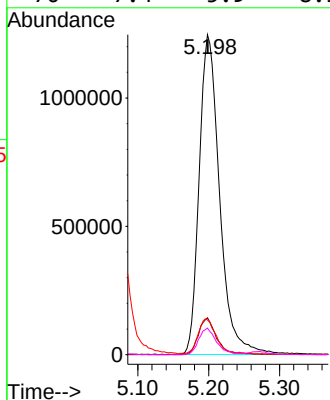
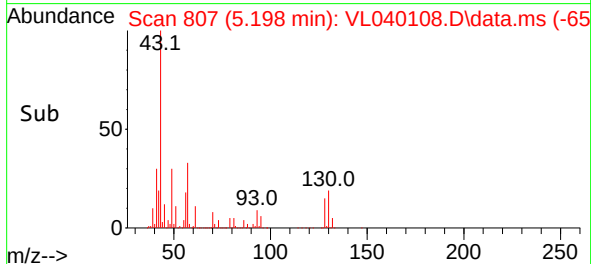


Tgt Ion: 43 Resp: 249186

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.4	8.4	12.6
70	7.4	5.9	8.9

Manual Integrations
APPROVED

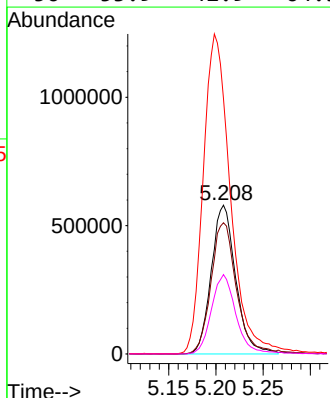
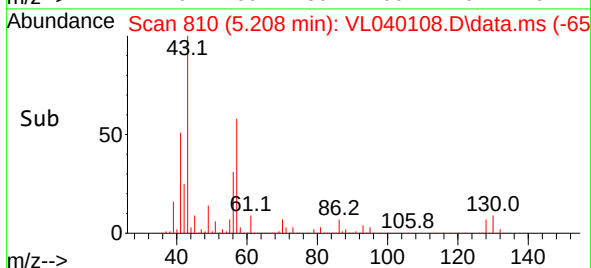
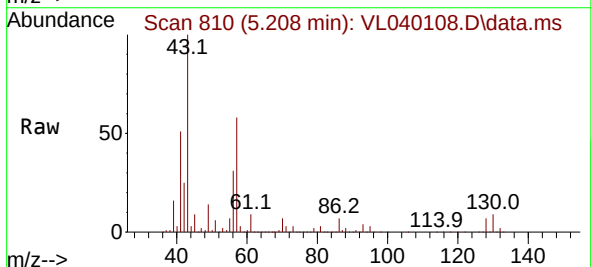
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

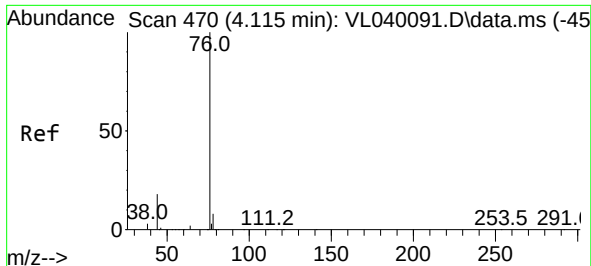


#26
Hexane
Concen: 10.132 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 57 Resp: 1041719

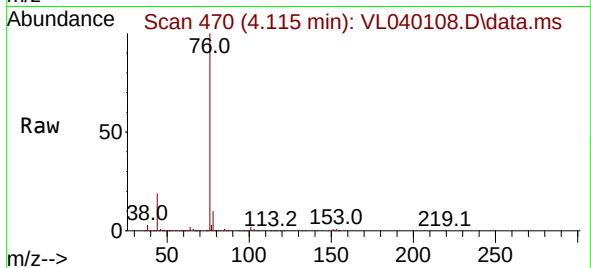
Ion	Ratio	Lower	Upper
57	100		
41	93.8	72.2	108.4
43	239.6	192.1	288.1
56	53.9	42.9	64.3





#27
Carbon Disulfide
Concen: 11.162 ppbv
RT: 4.115 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

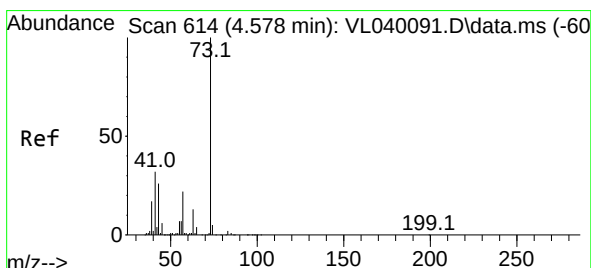
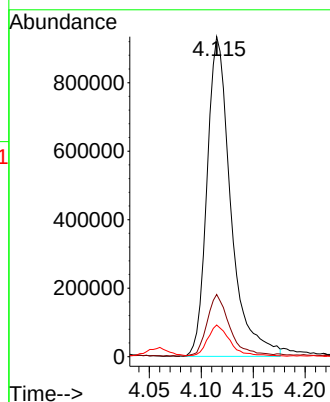
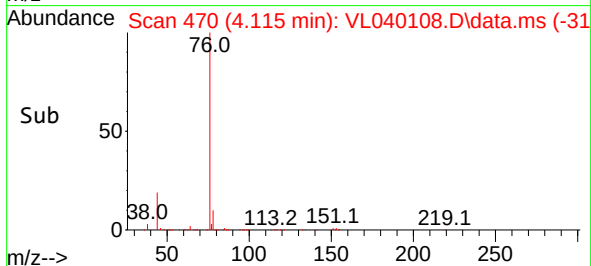
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



Tgt Ion: 76 Resp: 148675
Ion Ratio Lower Upper
76 100
44 19.0 14.9 22.3
78 9.9 8.2 12.2

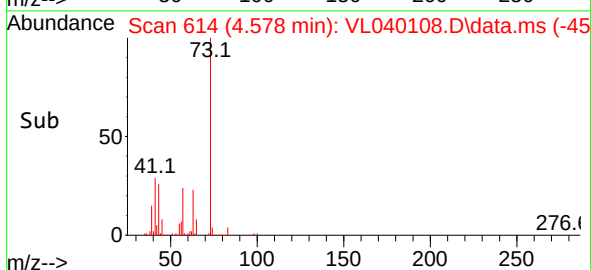
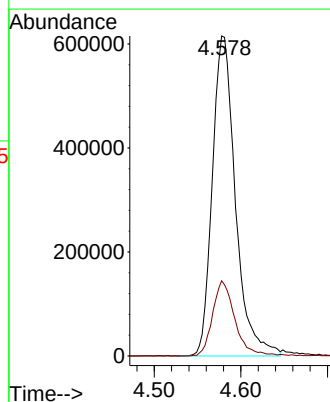
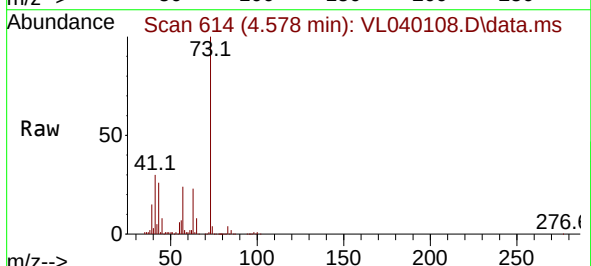
Manual Integrations
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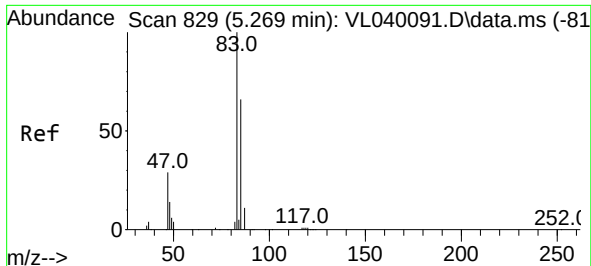
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#28
Methyl tert-Butyl Ether
Concen: 9.854 ppbv
RT: 4.578 min Scan# 614
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 73 Resp: 1139801
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5





#29

Chloroform

Concen: 10.892 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040108.D

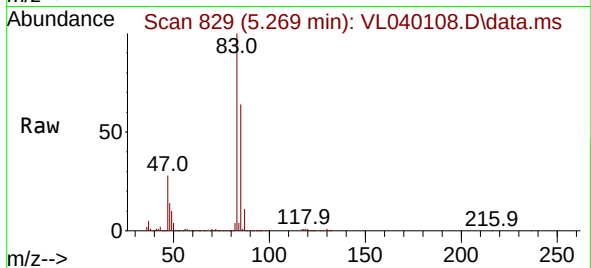
Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01



Tgt Ion: 83 Resp: 179048

Ion Ratio Lower Upper

83 100

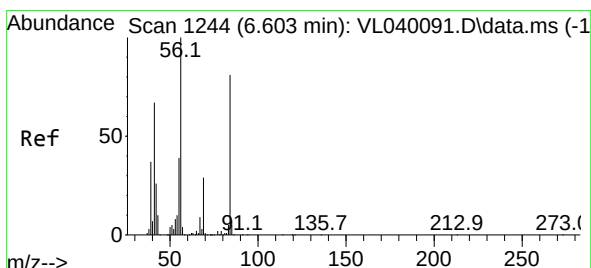
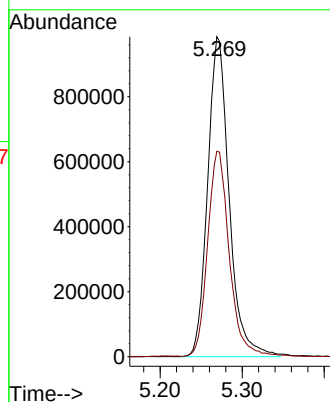
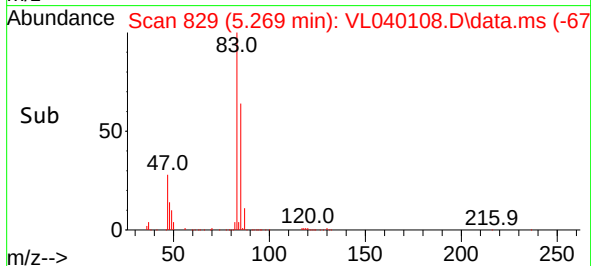
85 64.0 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#30

Cyclohexane

Concen: 10.616 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

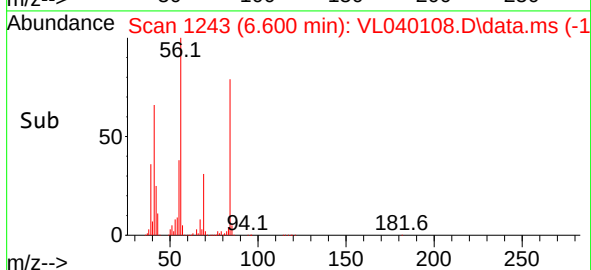
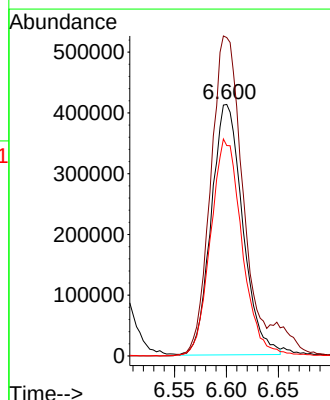
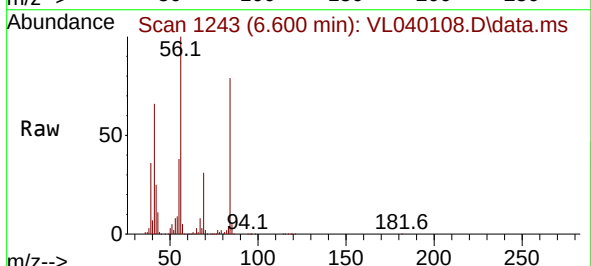
Tgt Ion: 84 Resp: 867695

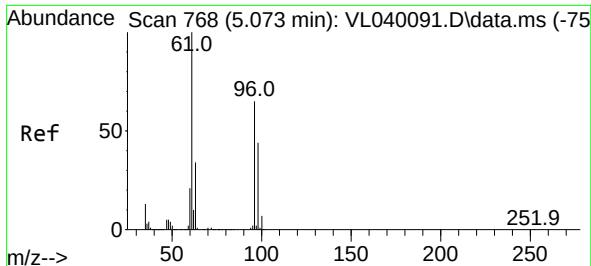
Ion Ratio Lower Upper

84 100

56 138.7 111.5 167.3

41 86.4 71.4 107.0





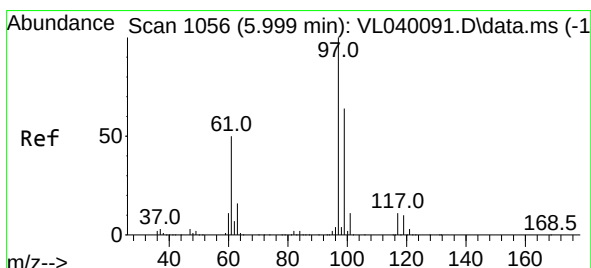
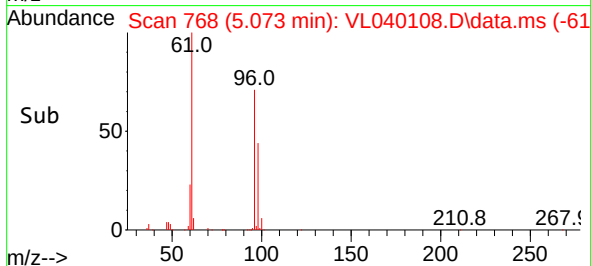
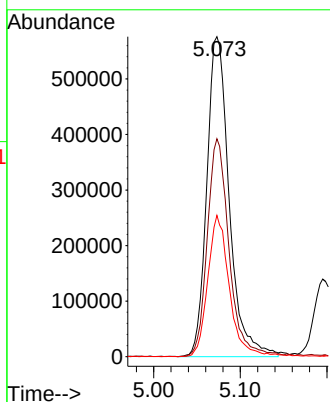
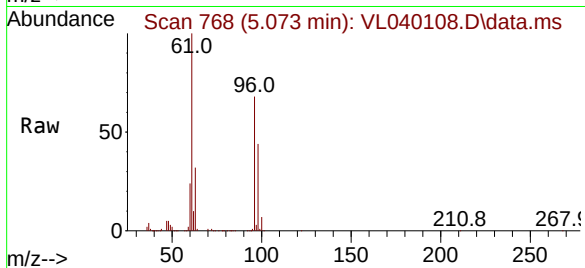
#31
 cis-1,2-Dichloroethene
 Concen: 10.415 ppbv
 RT: 5.073 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0119ABS01

Tgt Ion: 61 Resp: 103667
 Ion Ratio Lower Upper
 61 100
 96 68.0 52.0 78.0
 98 44.1 35.3 52.9

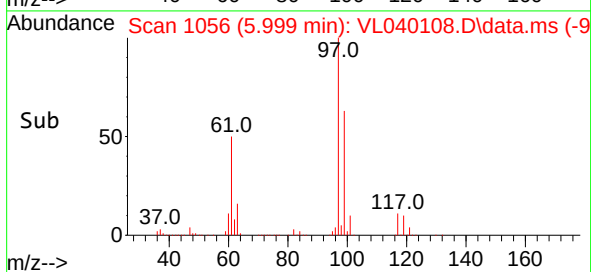
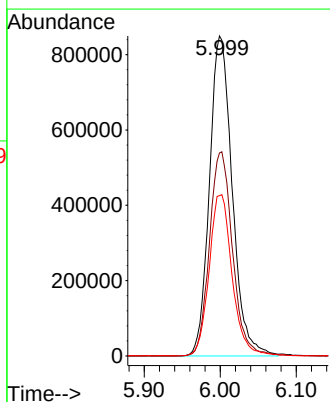
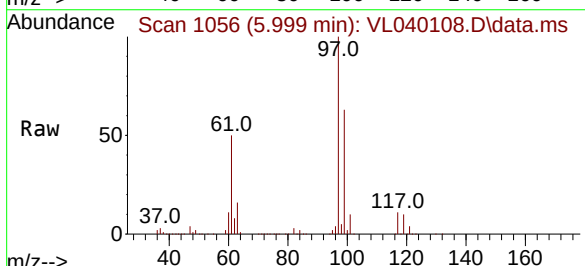
Manual Integrations
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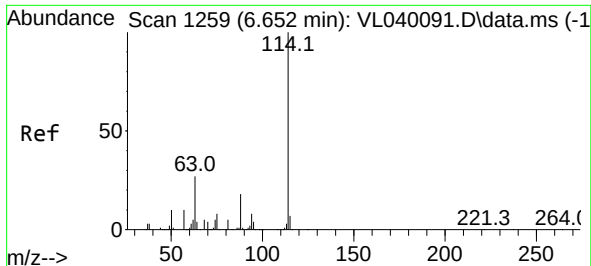
Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.593 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

Tgt Ion: 97 Resp: 1770004
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.8 77.6
 61 51.2 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01

Tgt Ion:114 Resp: 2799770

Ion Ratio Lower Upper

114 100

63 26.1 21.8 32.8

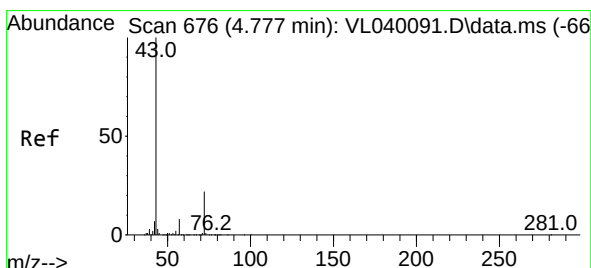
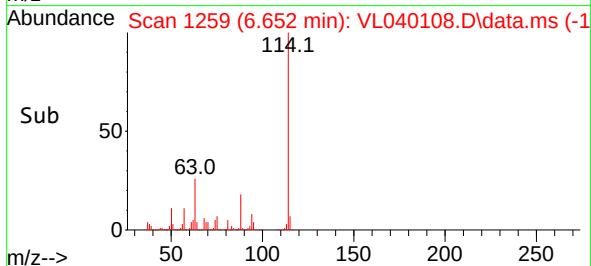
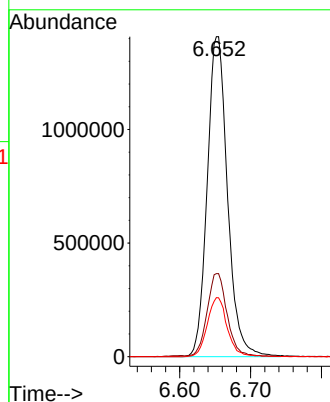
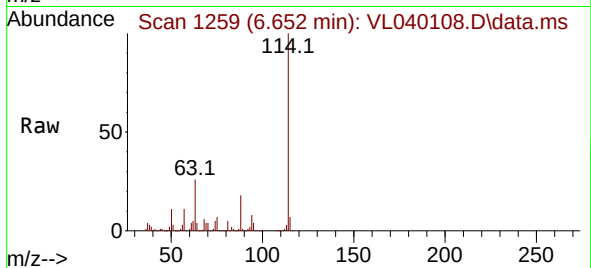
88 18.2 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#34

2-Butanone

Concen: 10.435 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.003 min

Lab File: VL040108.D

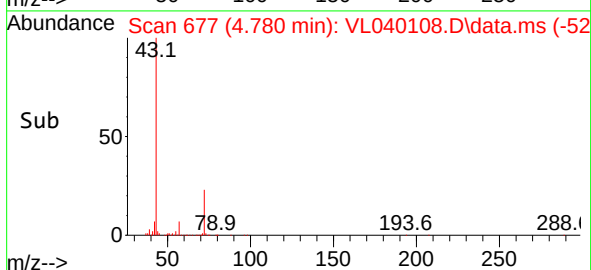
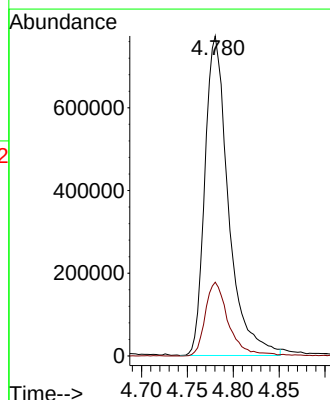
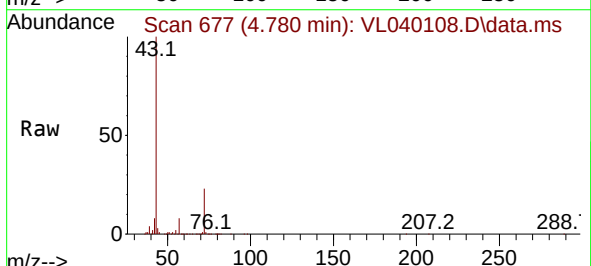
Acq: 19 Jan 2023 11:30

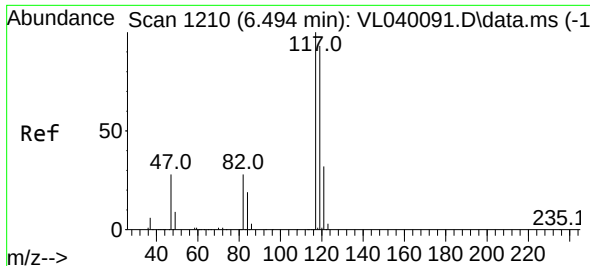
Tgt Ion: 43 Resp: 1381977

Ion Ratio Lower Upper

43 100

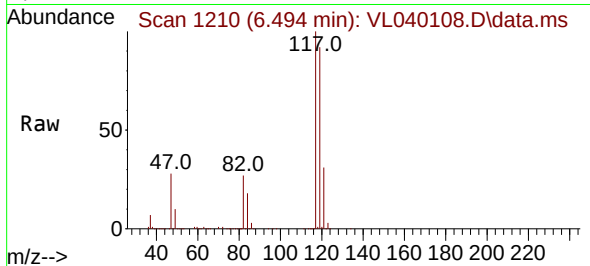
72 23.1 18.4 27.6





#35
Carbon Tetrachloride
Concen: 11.709 ppbv
RT: 6.494 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

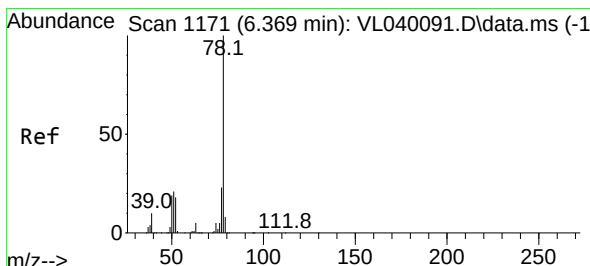
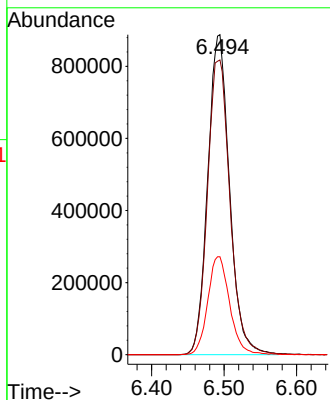
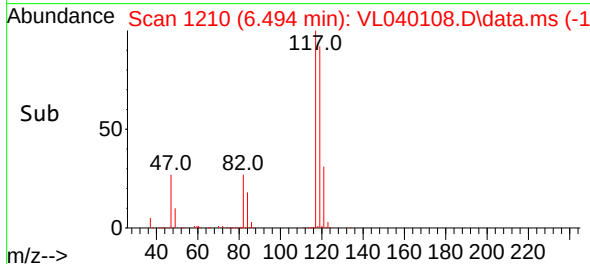
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



Tgt Ion:117 Resp: 1853620
Ion Ratio Lower Upper
117 100
119 92.1 74.5 111.7
121 30.6 25.4 38.0

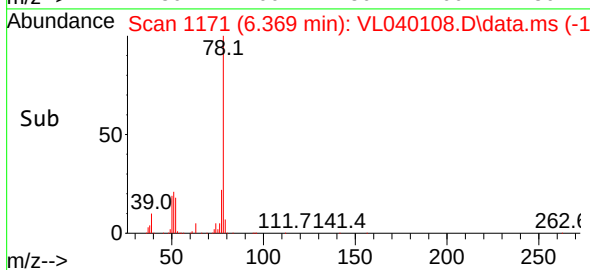
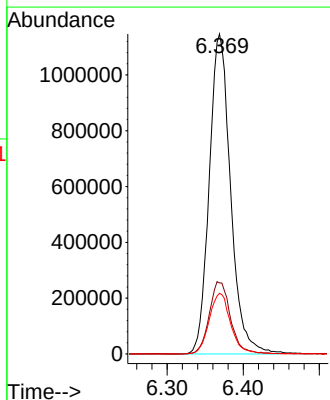
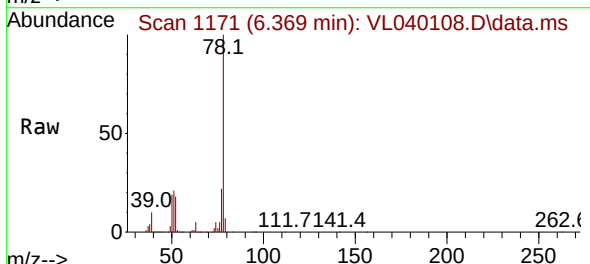
Manual Integrations
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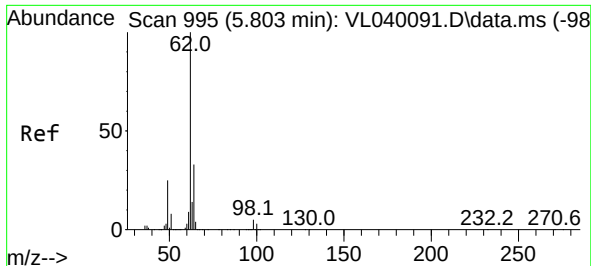
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#36
Benzene
Concen: 10.772 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 78 Resp: 2231766
Ion Ratio Lower Upper
78 100
77 22.1 18.1 27.1
50 19.0 15.6 23.4





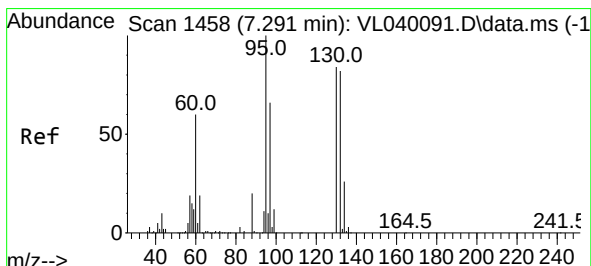
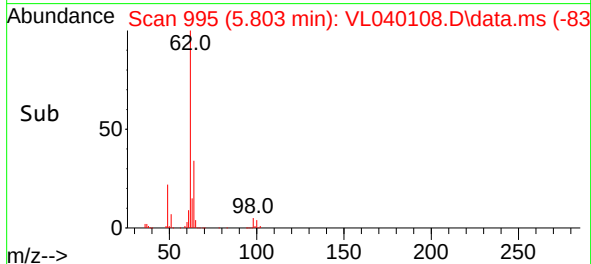
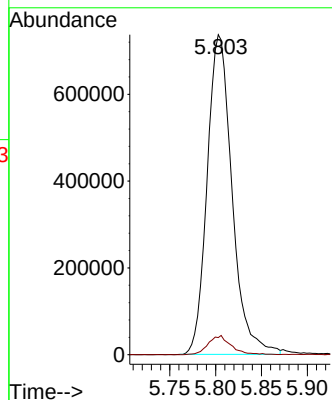
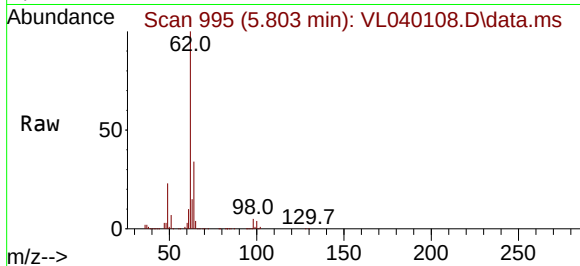
#37
1,2-Dichloroethane
Concen: 10.462 ppbv
RT: 5.803 min Scan# 995
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

Tgt Ion: 62 Resp: 1393225
Ion Ratio Lower Upper
62 100
98 5.6 4.4 6.6

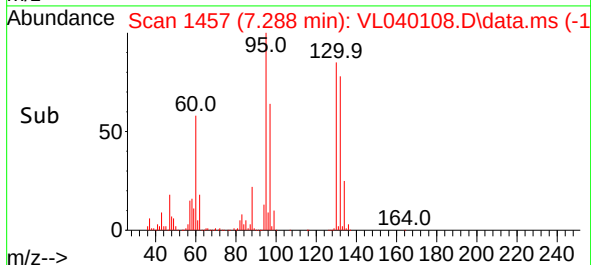
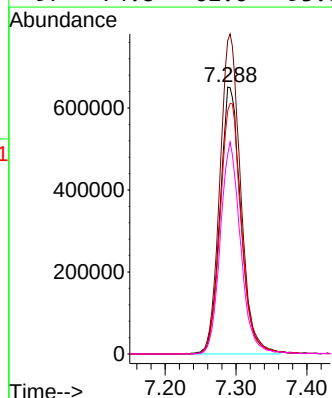
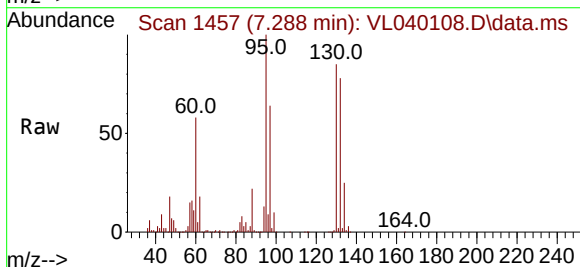
Manual Integrations
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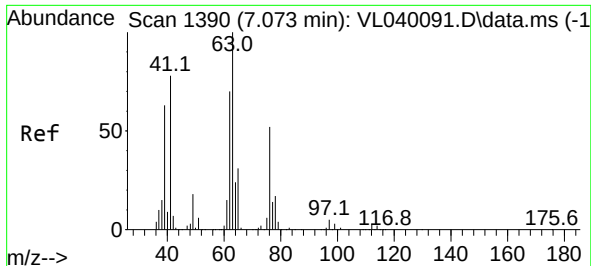
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#38
Trichloroethene
Concen: 11.291 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion:130 Resp: 1327672
Ion Ratio Lower Upper
130 100
95 117.5 95.0 142.6
132 91.2 77.9 116.9
97 74.8 62.6 93.8





#39

1,2-Dichloropropane

Concen: 10.761 ppbv

RT: 7.073 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VL040108.D

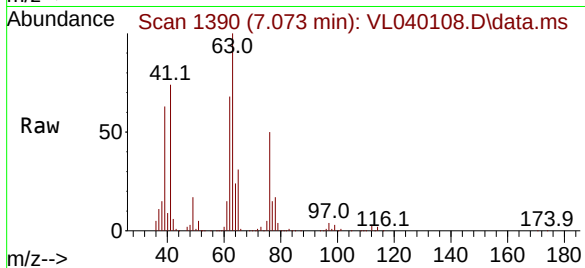
Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01



Tgt Ion: 63 Resp: 872089

Ion Ratio Lower Upper

63 100

41 73.8 62.2 93.4

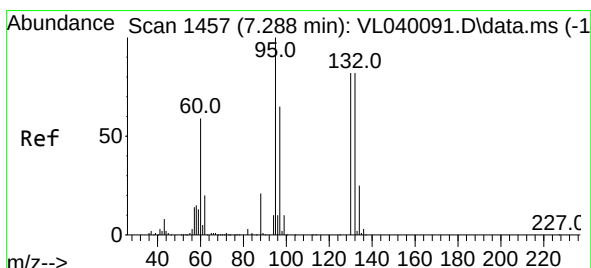
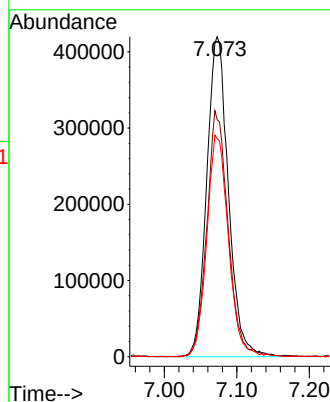
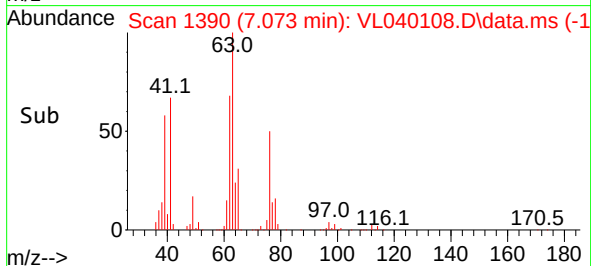
62 68.1 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#40

1,4-Dioxane

Concen: 11.048 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Tgt Ion: 88 Resp: 355333

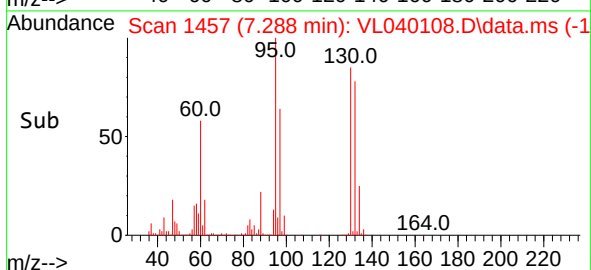
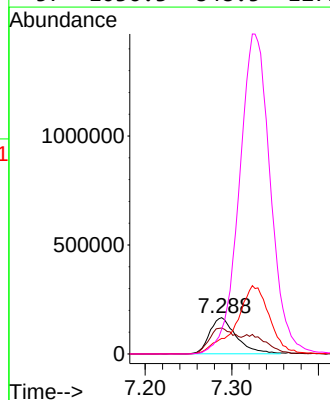
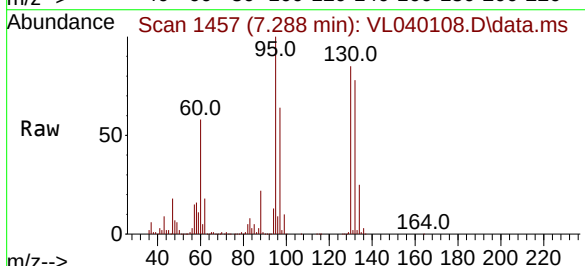
Ion Ratio Lower Upper

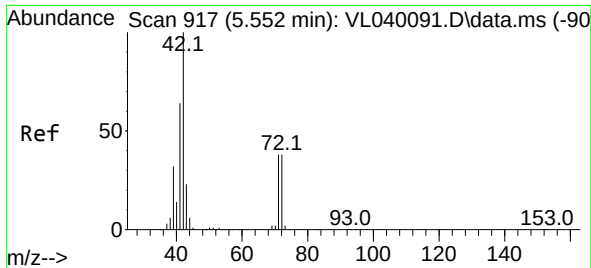
88 100

58 119.7 97.5 146.3

43 238.1 195.0 292.4

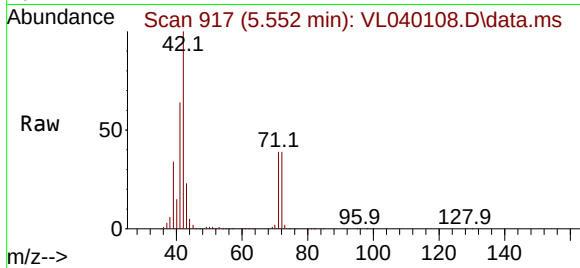
57 1036.3 848.5 1272.7





#41
Tetrahydrofuran
Concen: 11.456 ppbv
RT: 5.552 min Scan# 917
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

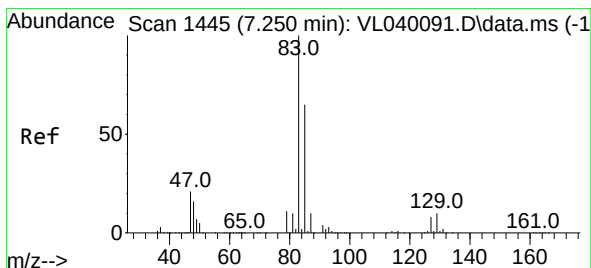
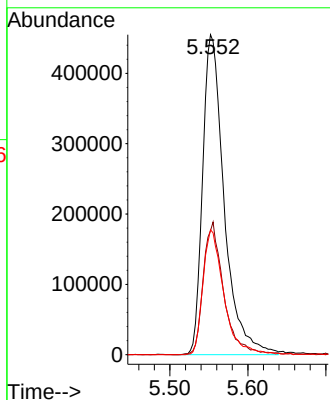
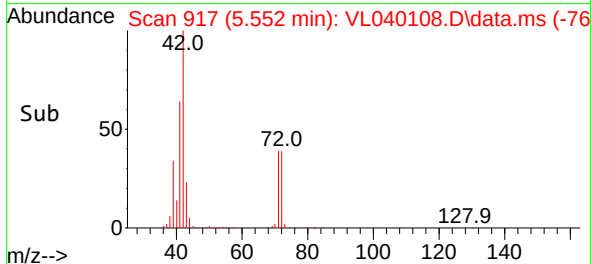
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



Tgt Ion: 42 Resp: 875685
Ion Ratio Lower Upper
42 100
72 39.5 31.9 47.9
71 37.9 31.4 47.2

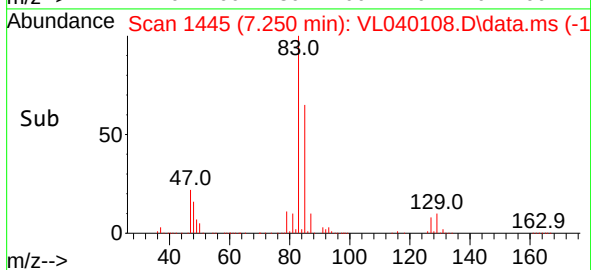
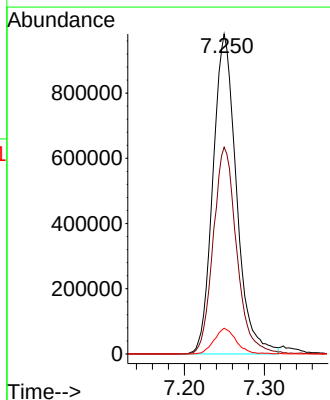
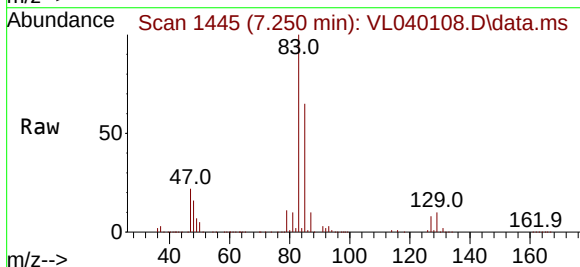
Manual Integrations
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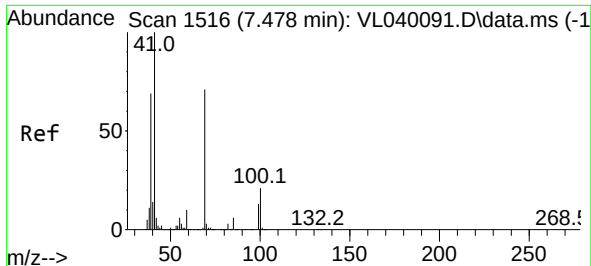
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#42
Bromodichloromethane
Concen: 11.123 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

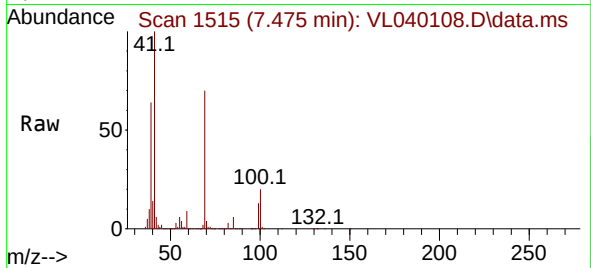
Tgt Ion: 83 Resp: 2000290
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5
127 8.0 6.2 9.2





#43
Methyl Methacrylate
Concen: 11.834 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

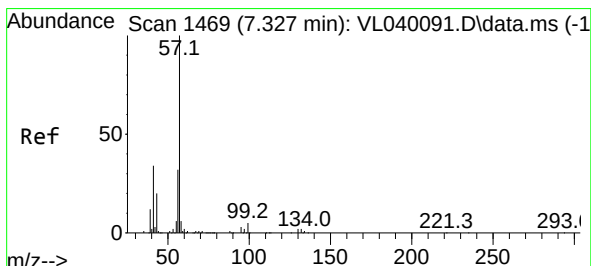
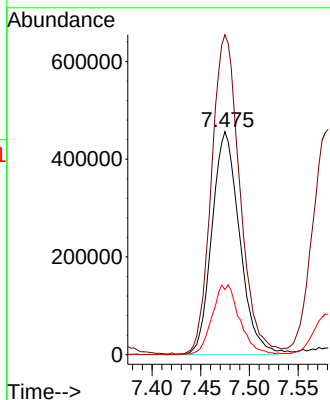
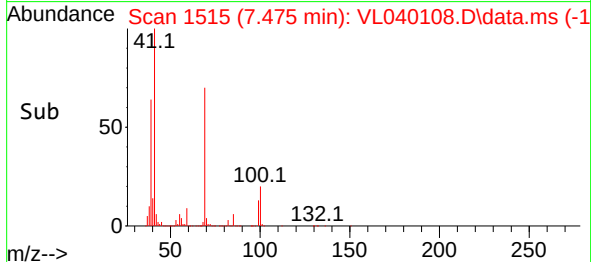
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



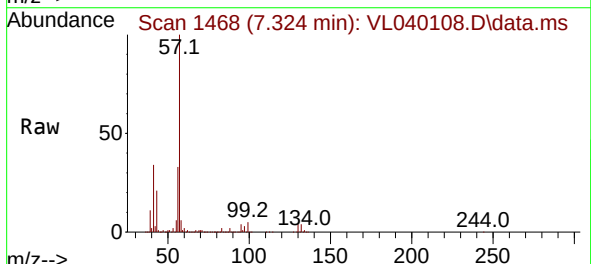
Tgt Ion: 69 Resp: 899778
Ion Ratio Lower Upper
69 100
41 147.5 118.2 177.2
100 31.3 24.2 36.4

Manual Integrations
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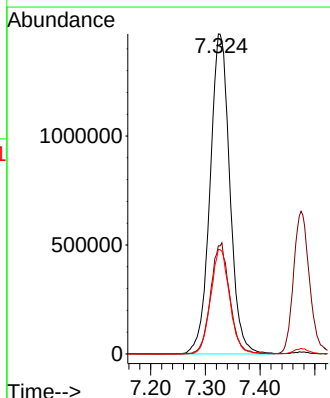
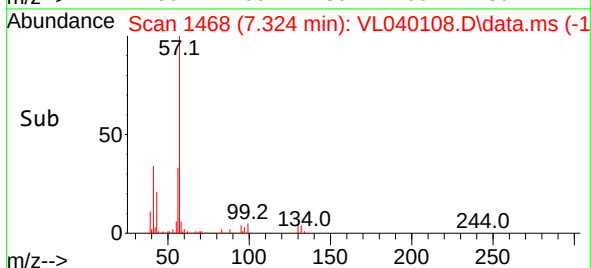
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

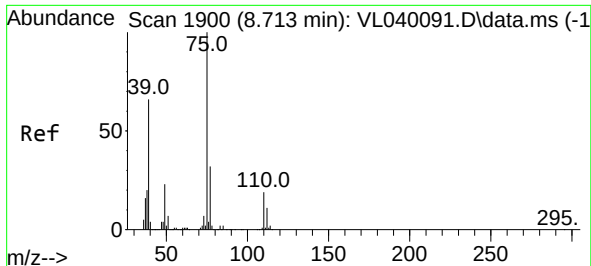


#44
2,2,4-Trimethylpentane
Concen: 10.687 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30



Tgt Ion: 57 Resp: 3682155
Ion Ratio Lower Upper
57 100
41 33.3 27.1 40.7
56 31.5 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 12.906 ppbv m

RT: 8.713 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01

Tgt Ion: 75 Resp: 875010

Ion Ratio Lower Upper

75 100

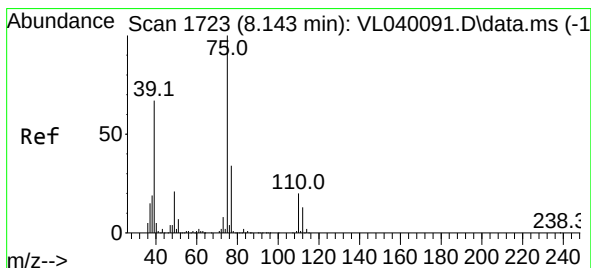
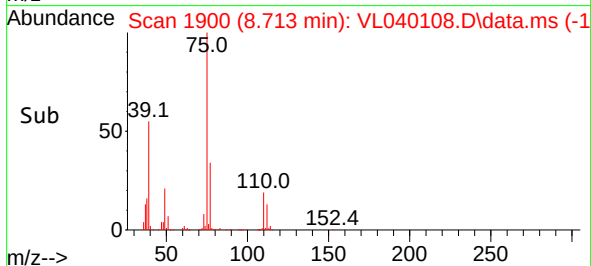
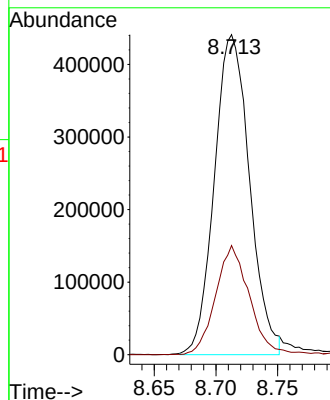
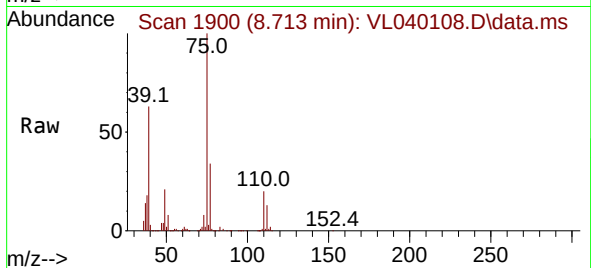
77 34.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#46

cis-1,3-Dichloropropene

Concen: 12.818 ppbv

RT: 8.144 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

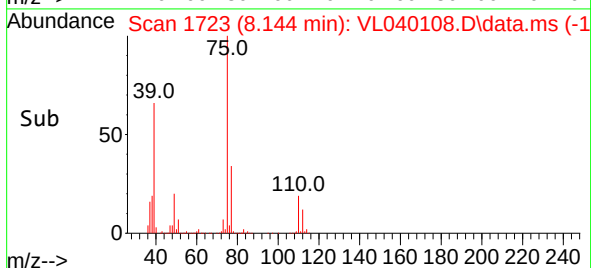
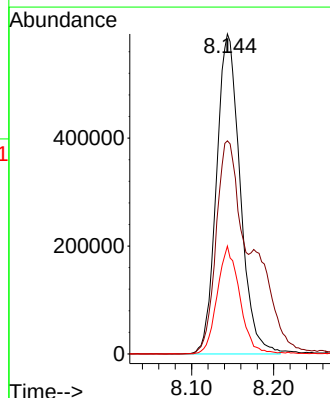
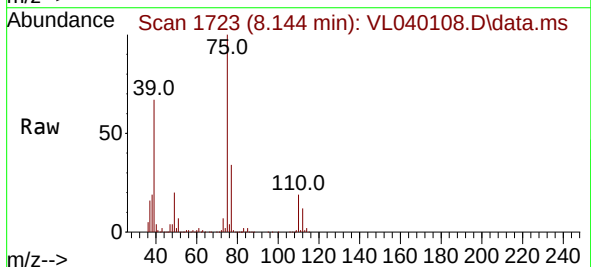
Tgt Ion: 75 Resp: 1187528

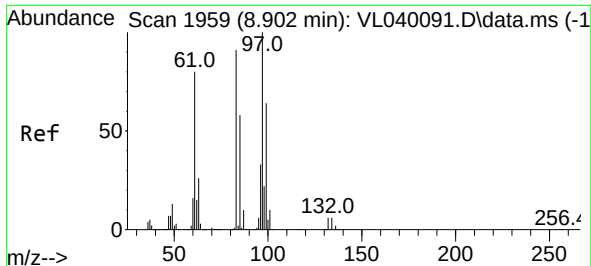
Ion Ratio Lower Upper

75 100

39 66.6 53.6 80.4

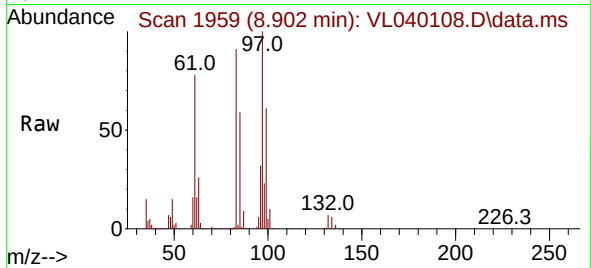
77 33.7 26.9 40.3





#47
1,1,2-Trichloroethane
Concen: 10.953 ppbv
RT: 8.902 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

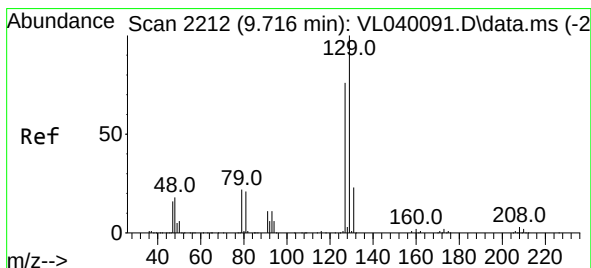
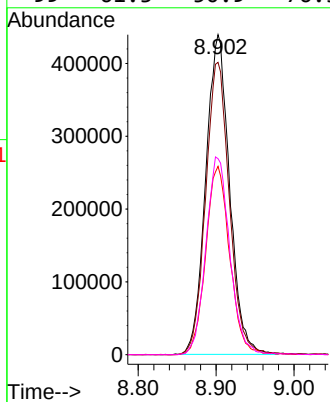
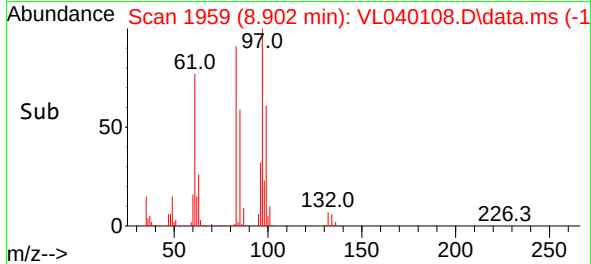
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



Tgt Ion: 97 Resp: 934540
Ion Ratio Lower Upper
97 100
83 91.3 72.9 109.3
85 58.8 46.0 69.0
99 61.3 50.9 76.3

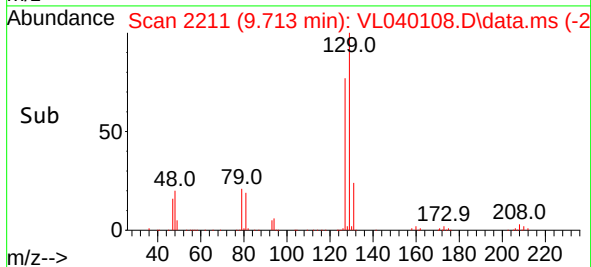
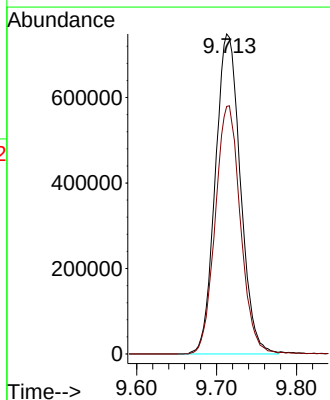
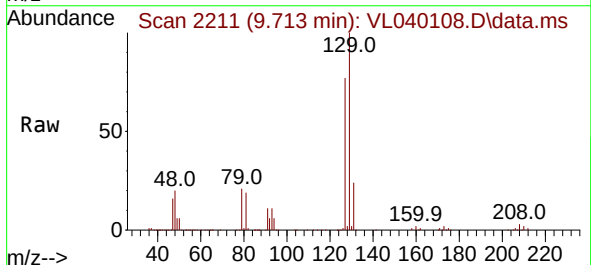
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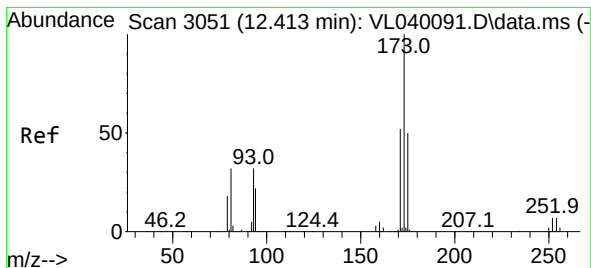
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#48
Dibromochloromethane
Concen: 11.864 ppbv
RT: 9.713 min Scan# 2211
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion:129 Resp: 1626920
Ion Ratio Lower Upper
129 100
127 78.1 39.3 117.9





#49

Bromoform

Concen: 12.310 ppbv

RT: 12.414 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01

Tgt Ion:173 Resp: 1300450

Ion Ratio Lower Upper

173 100

175 49.4 39.7 59.5

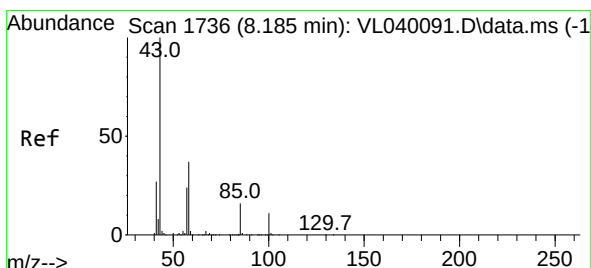
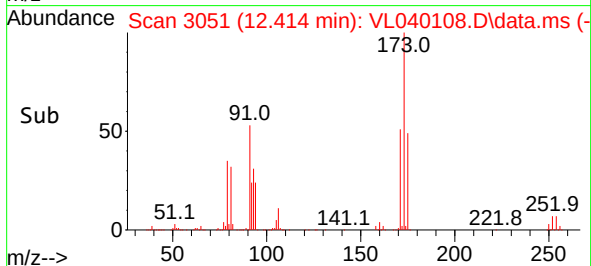
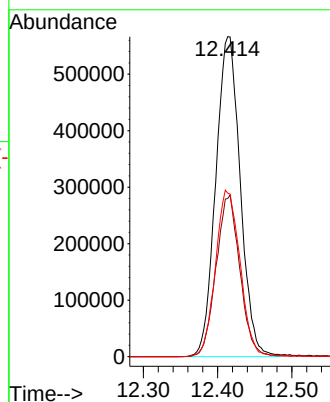
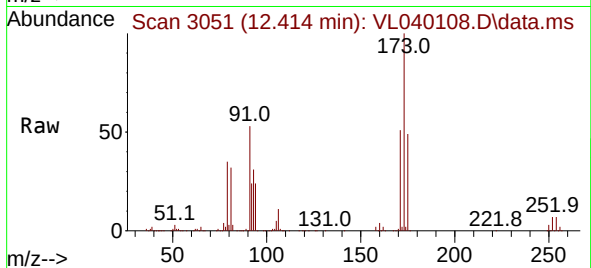
171 52.4 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#50

4-Methyl-2-Pentanone

Concen: 11.144 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VL040108.D

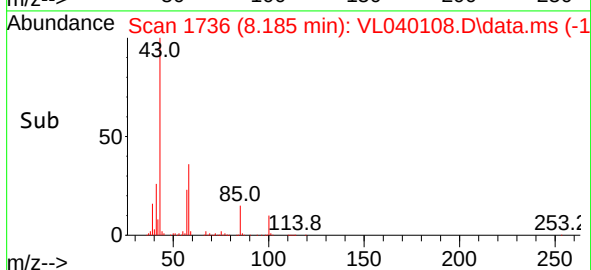
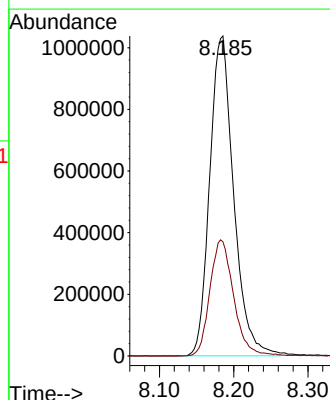
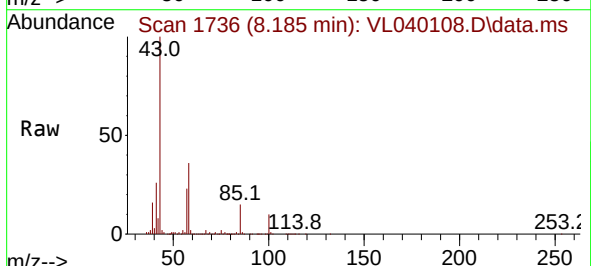
Acq: 19 Jan 2023 11:30

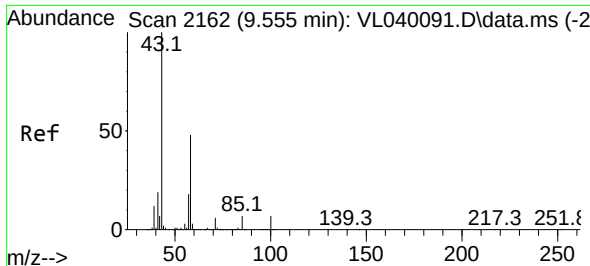
Tgt Ion: 43 Resp: 2321320

Ion Ratio Lower Upper

43 100

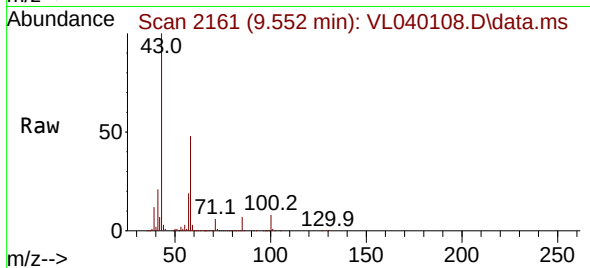
58 36.3 28.8 43.2





#51
2-Hexanone
Concen: 11.659 ppbv
RT: 9.552 min Scan# 2162
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

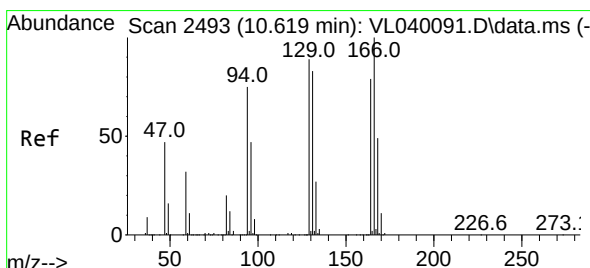
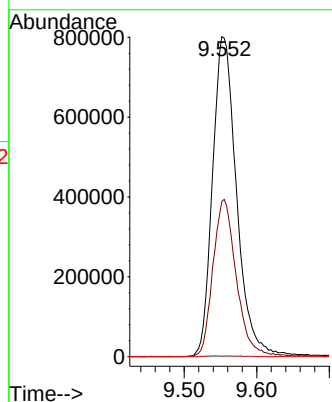
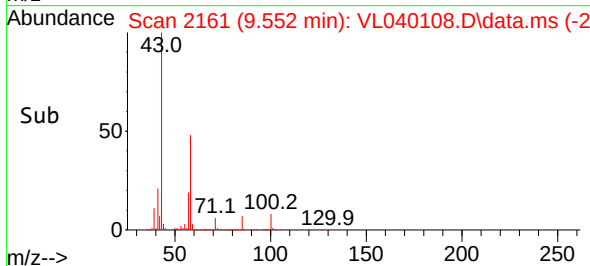
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



Tgt Ion: 43 Resp: 183989
Ion Ratio Lower Upper
43 100
58 48.3 37.5 56.3
98 0.2 0.4 0.6

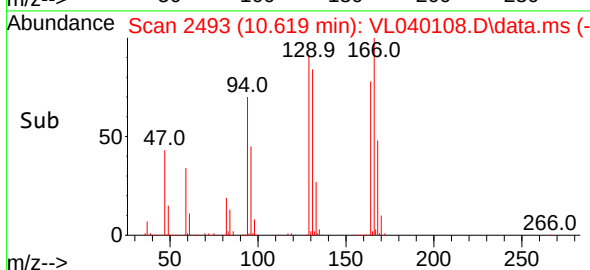
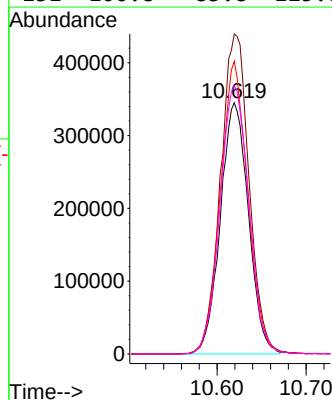
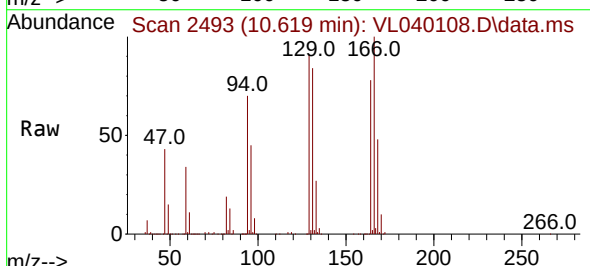
Manual Integrations
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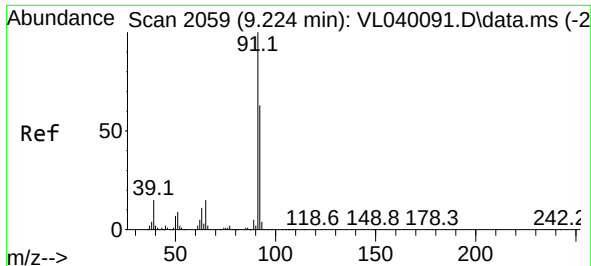
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#52
Tetrachloroethene
Concen: 11.158 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

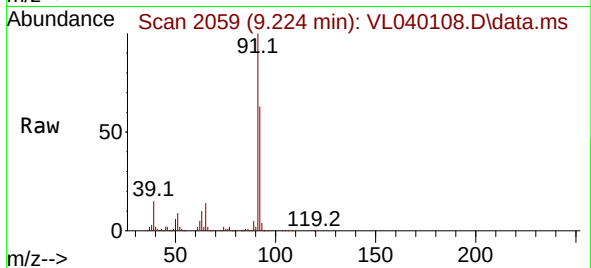
Tgt Ion:164 Resp: 756286
Ion Ratio Lower Upper
164 100
166 127.4 101.2 151.8
129 116.5 90.2 135.2
131 106.8 83.8 125.8





#53
Toluene
Concen: 11.569 ppbv
RT: 9.224 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

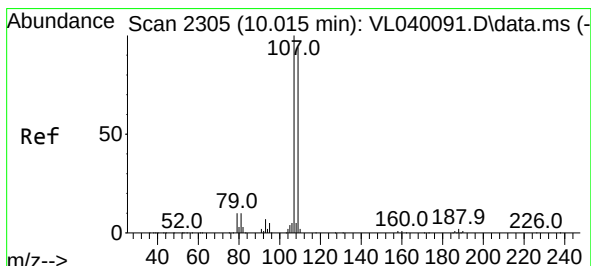
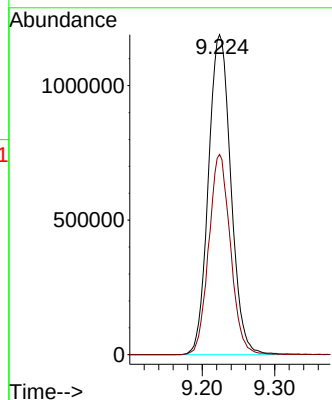
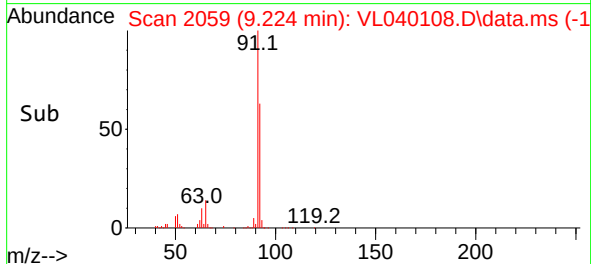
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



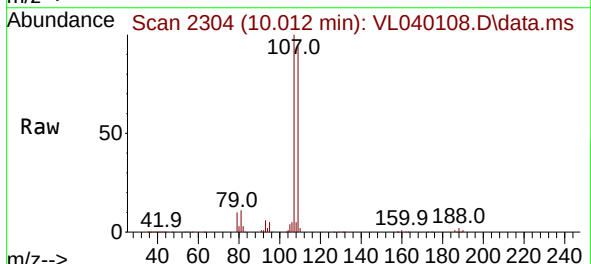
Tgt Ion: 91 Resp: 255648
Ion Ratio Lower Upper
91 100
92 60.4 48.3 72.5

Manual Integrations
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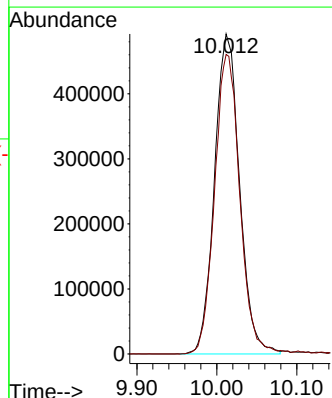
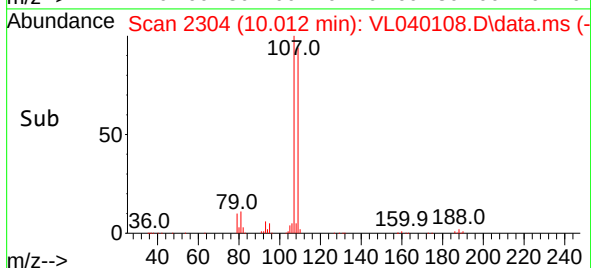
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

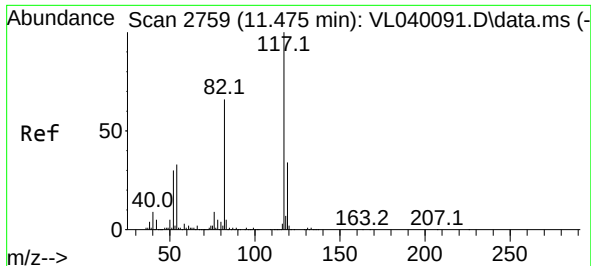


#54
1,2-Dibromoethane
Concen: 11.980 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30



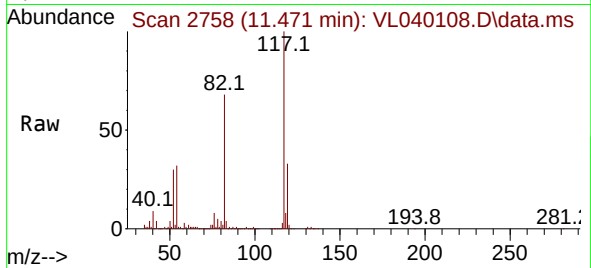
Tgt Ion:107 Resp: 1070118
Ion Ratio Lower Upper
107 100
109 93.6 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.471 min Scan# 2759
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

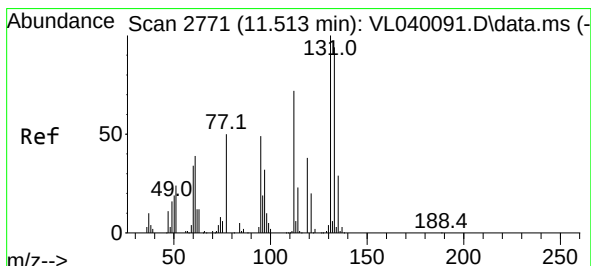
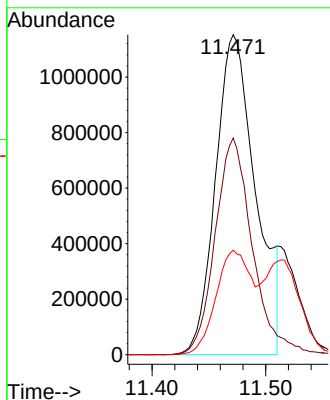
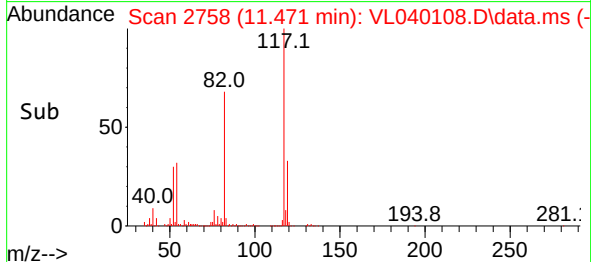
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



Tgt Ion:117 Resp: 2828519
Ion Ratio Lower Upper
117 100
82 63.1 54.4 81.6
119 31.6 26.8 40.2

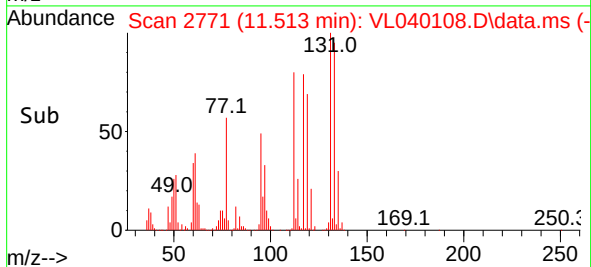
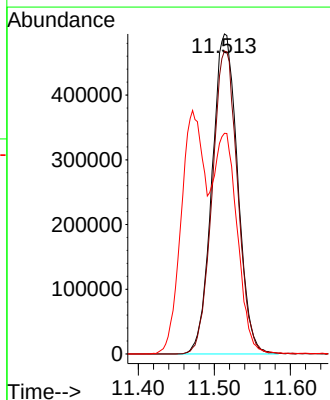
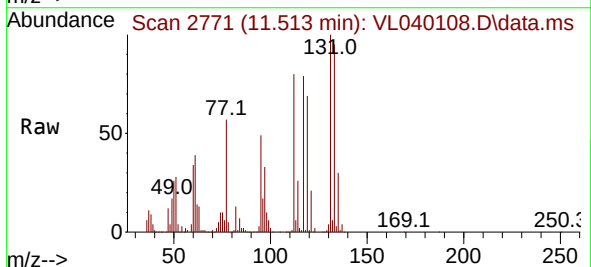
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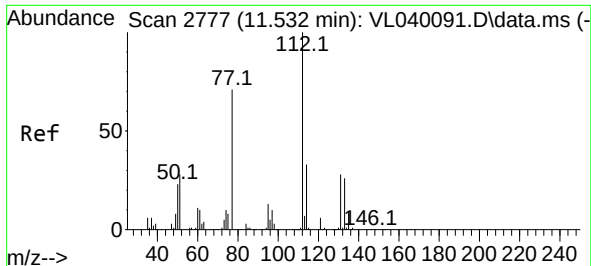
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.502 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

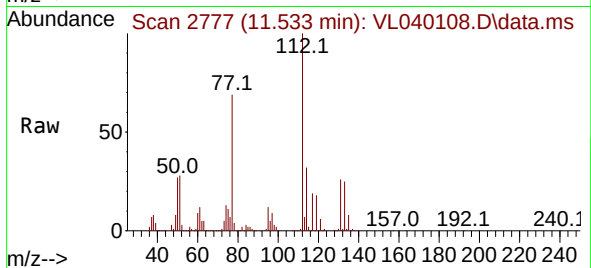
Tgt Ion:131 Resp: 1156109
Ion Ratio Lower Upper
131 100
133 94.0 75.6 113.4
119 63.1 47.2 70.8





#57
Chlorobenzene
Concen: 10.118 ppbv
RT: 11.533 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

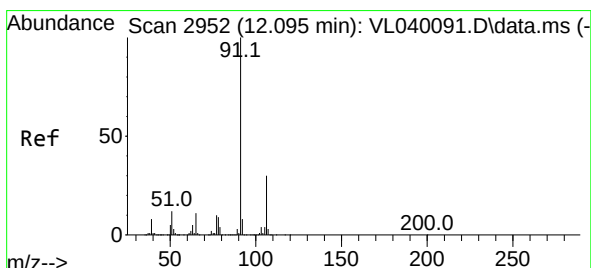
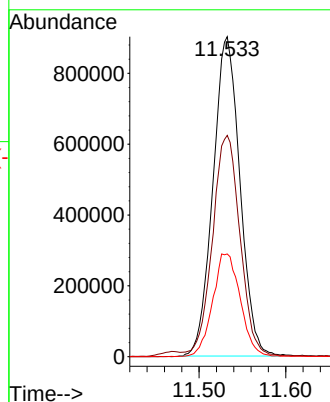
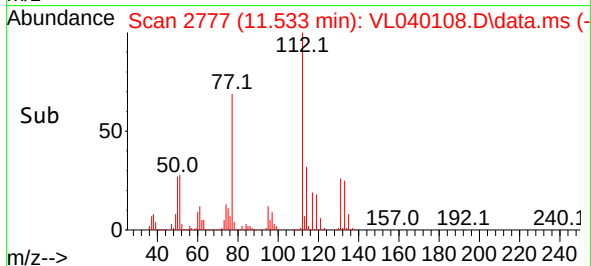
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



Tgt Ion:112 Resp: 1950869
Ion Ratio Lower Upper
112 100
77 68.9 57.3 85.9
114 32.0 29.6 36.2

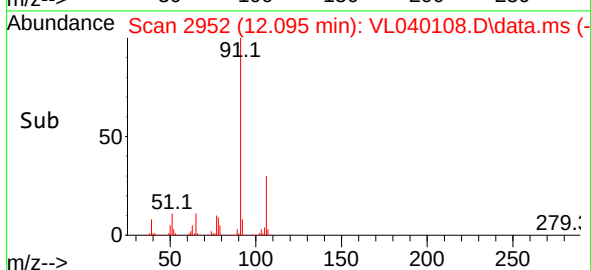
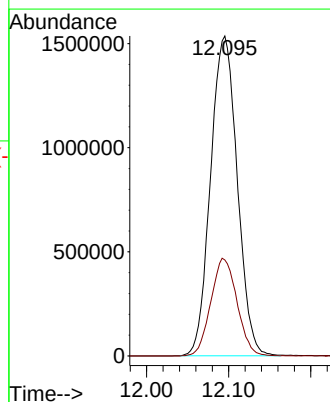
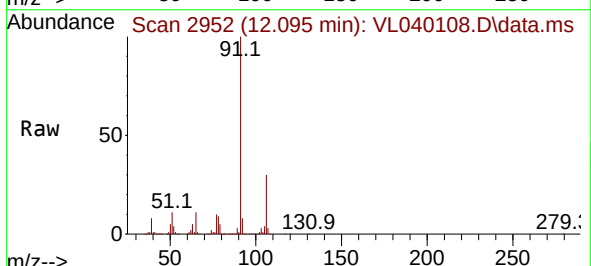
Manual Integrations
APPROVED

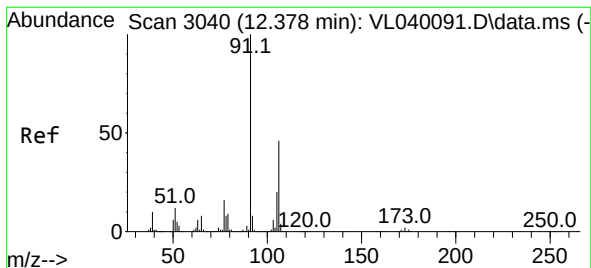
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#58
Ethyl Benzene
Concen: 11.023 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

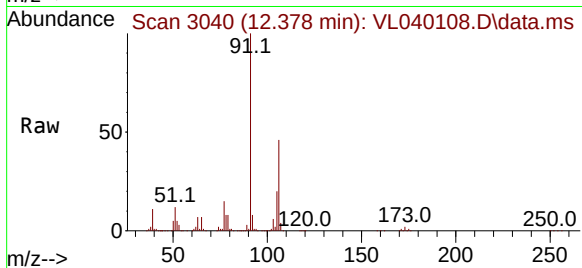
Tgt Ion: 91 Resp: 3479257
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5





#59
m/p-Xylene
Concen: 21.278 ppbv m
RT: 12.378 min Scan# 3040
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

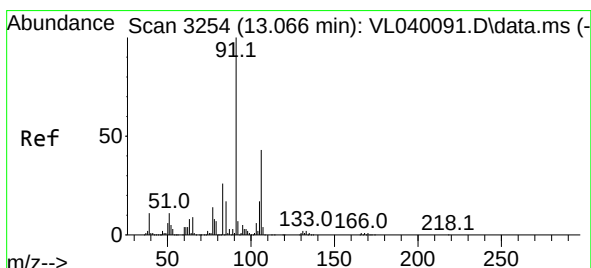
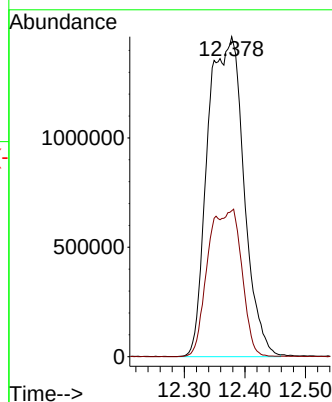
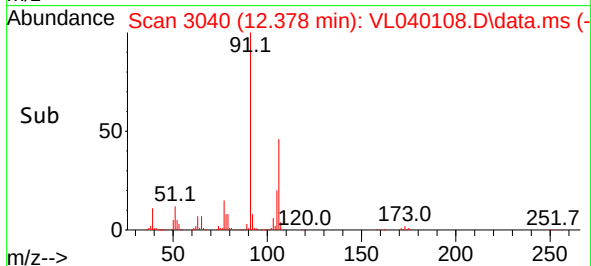
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



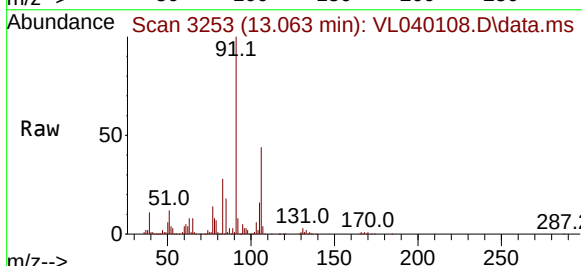
Tgt Ion: 91 Resp: 603889
Ion Ratio Lower Upper
91 100
106 43.2 34.2 51.4

Manual Integrations
APPROVED

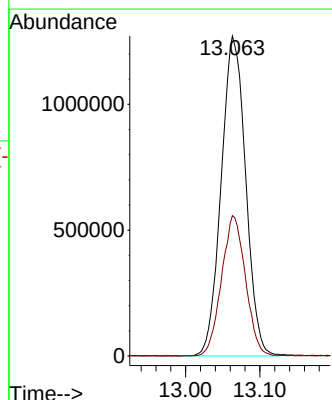
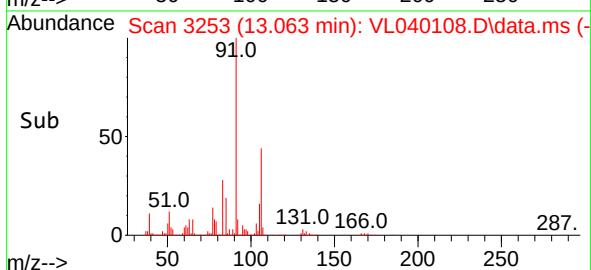
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

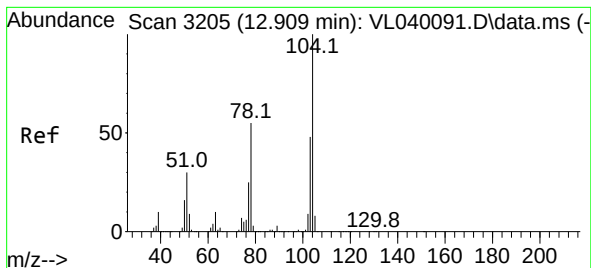


#60
o-Xylene
Concen: 10.795 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30



Tgt Ion: 91 Resp: 2908024
Ion Ratio Lower Upper
91 100
106 43.1 21.6 64.8





#61

Styrene

Concen: 11.996 ppbv

RT: 12.902 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01

Tgt Ion:104 Resp: 1683990

Ion Ratio Lower Upper

104 100

78 54.1 44.0 66.0

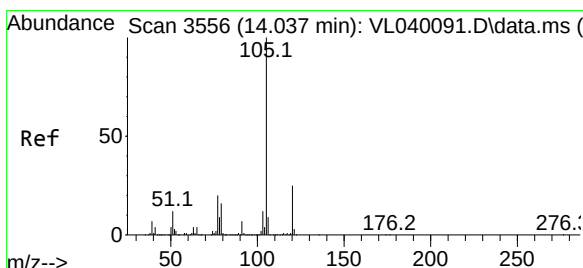
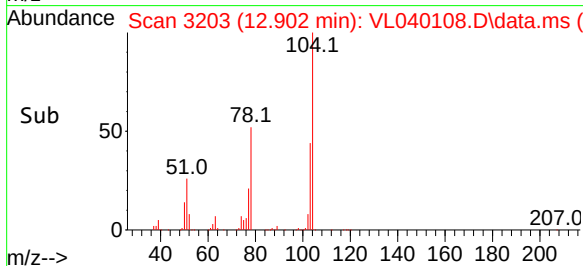
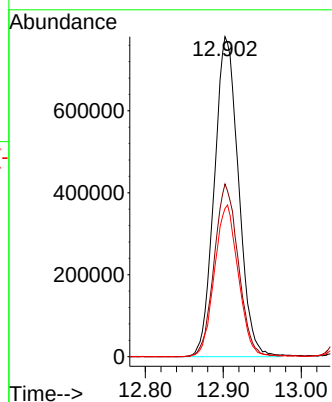
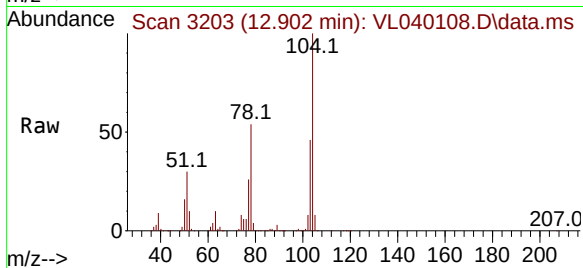
103 47.0 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#62

Isopropylbenzene

Concen: 10.462 ppbv

RT: 14.034 min Scan# 3555

Delta R.T. -0.003 min

Lab File: VL040108.D

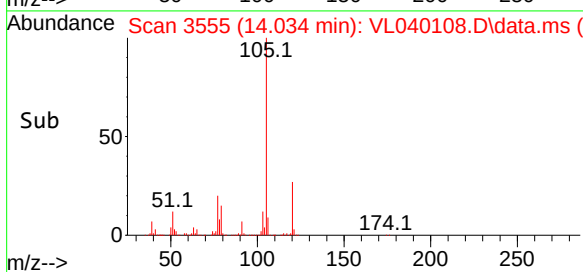
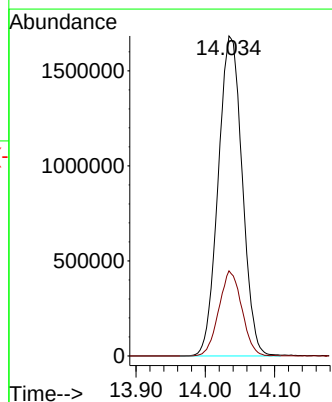
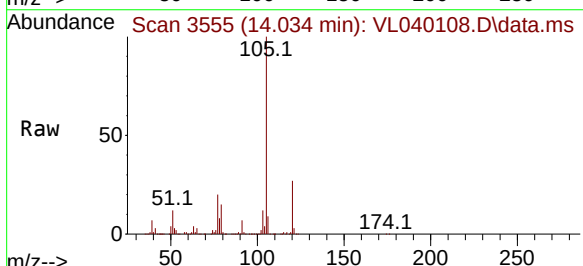
Acq: 19 Jan 2023 11:30

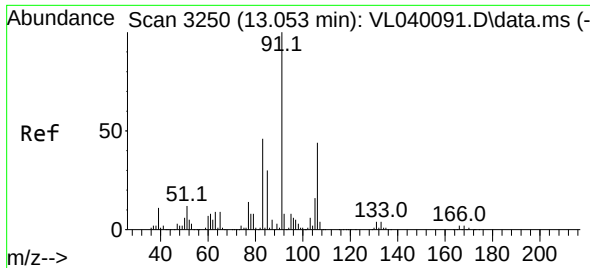
Tgt Ion:105 Resp: 4053723

Ion Ratio Lower Upper

105 100

120 25.5 20.2 30.2





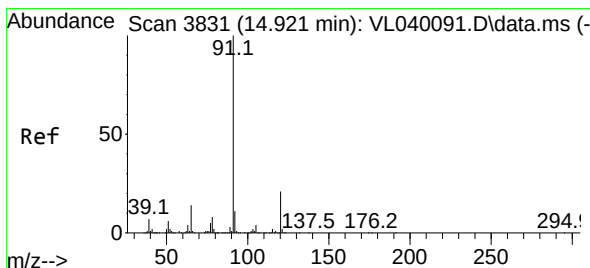
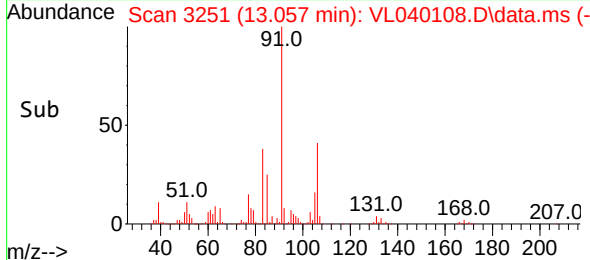
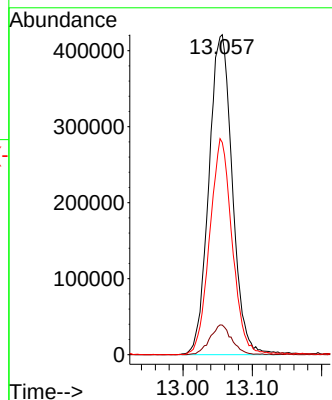
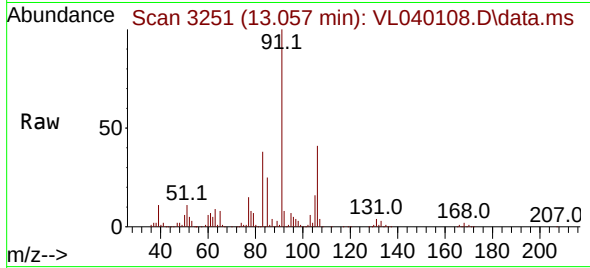
#63
1,1,2,2-Tetrachloroethane
Concen: 10.130 ppbv
RT: 13.057 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

Tgt Ion: 83 Resp: 990858
Ion Ratio Lower Upper
83 100
131 8.7 4.3 13.1
85 65.0 32.5 97.5

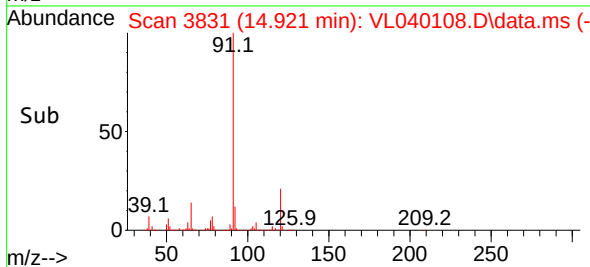
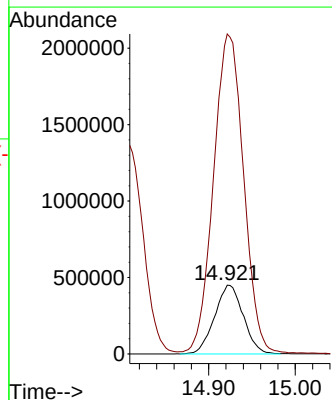
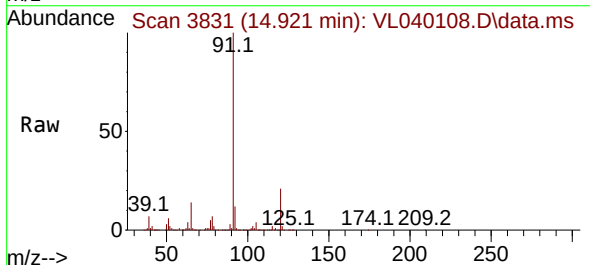
Manual Integrations
APPROVED

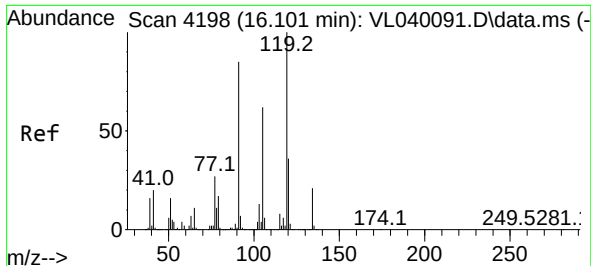
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#64
n-propylbenzene
Concen: 10.710 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

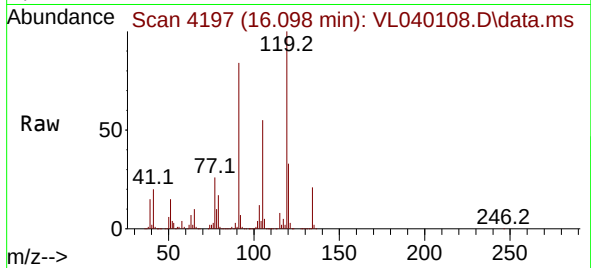
Tgt Ion:120 Resp: 1031585
Ion Ratio Lower Upper
120 100
91 491.8 397.0 595.4





#65
tert-Butylbenzene
Concen: 10.607 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

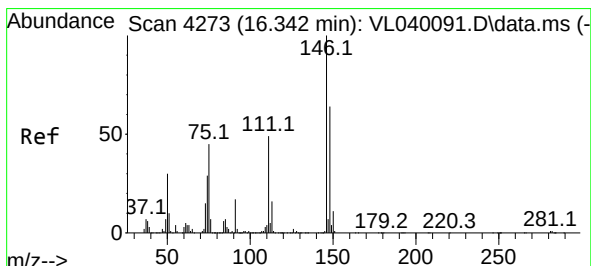
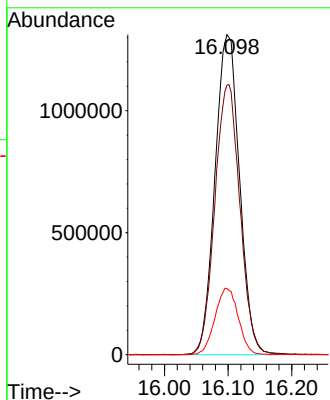
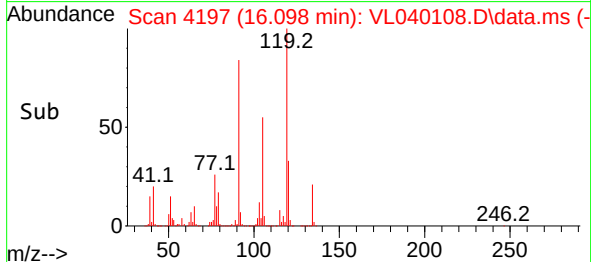
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



Tgt Ion: 119 Resp: 351882
Ion Ratio Lower Upper
119 100
91 86.2 69.5 104.3
134 19.7 15.8 23.8

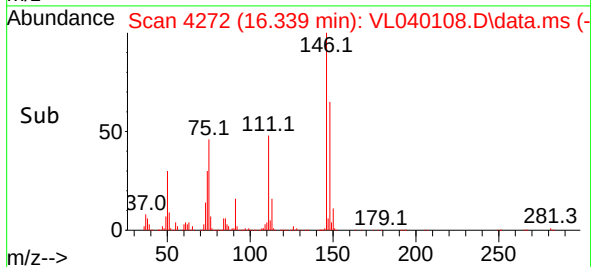
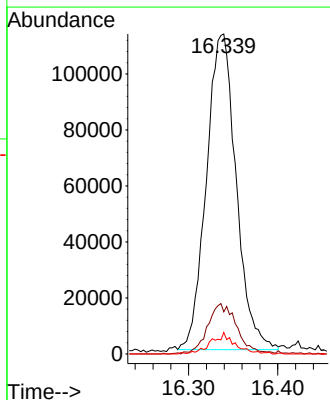
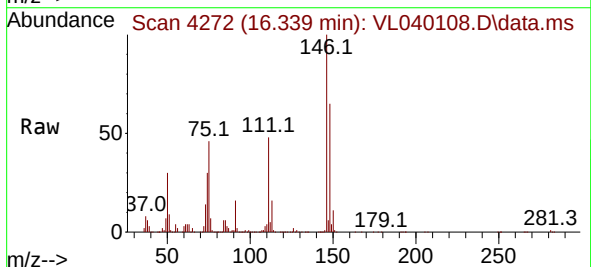
Manual Integrations
APPROVED

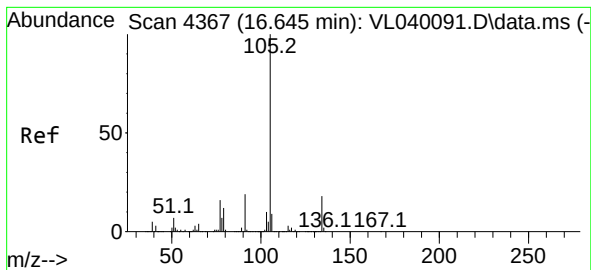
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#66
Benzyl Chloride
Concen: 11.567 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 91 Resp: 262244
Ion Ratio Lower Upper
91 100
126 15.8 11.5 17.3
128 5.5 0.0 0.0#





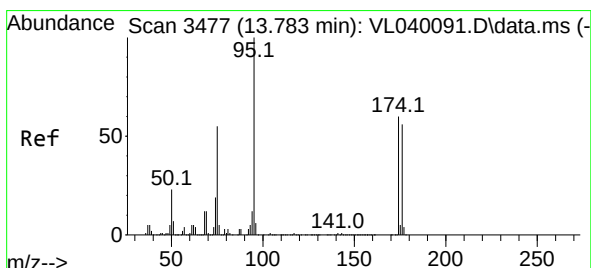
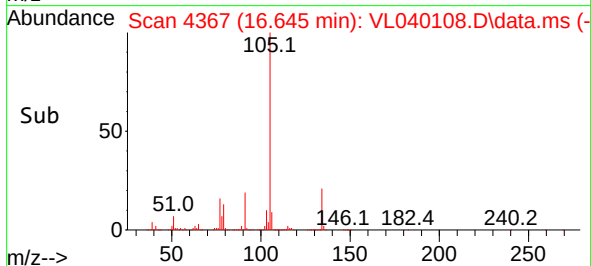
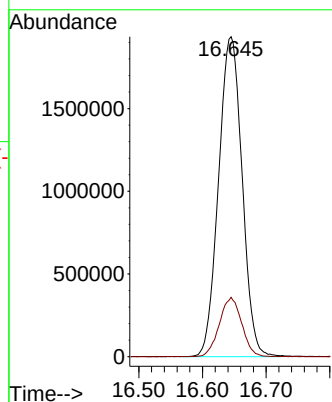
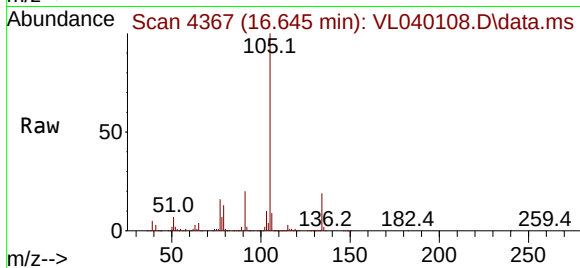
#67
 sec-Butylbenzene
 Concen: 10.572 ppbv
 RT: 16.645 min Scan# 4367
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0119ABS01

Tgt Ion:105 Resp: 4971920
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.1 21.1

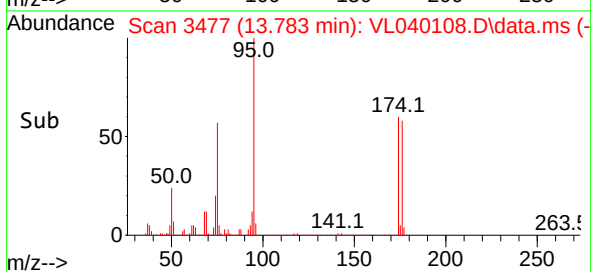
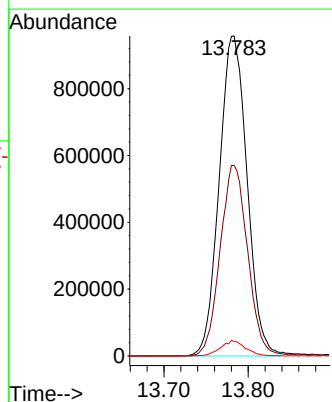
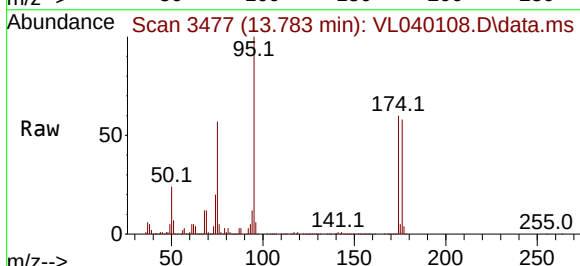
Manual Integrations
 APPROVED

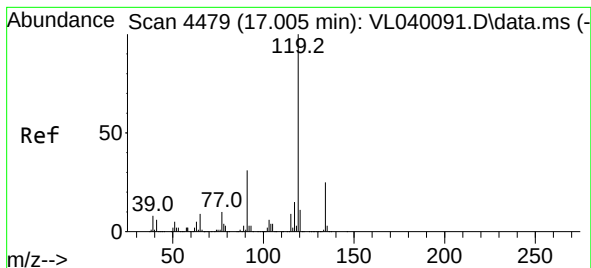
Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.328 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

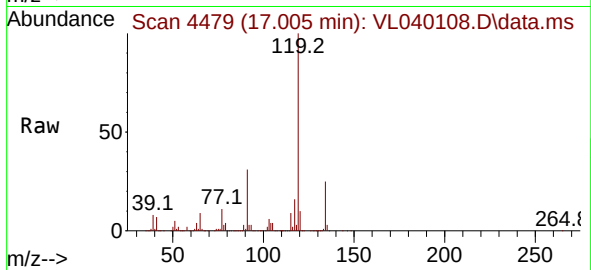
Tgt Ion: 95 Resp: 2192774
 Ion Ratio Lower Upper
 95 100
 174 59.4 47.7 71.5
 175 4.4 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.806 ppbv
RT: 17.005 min Scan# 4479
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

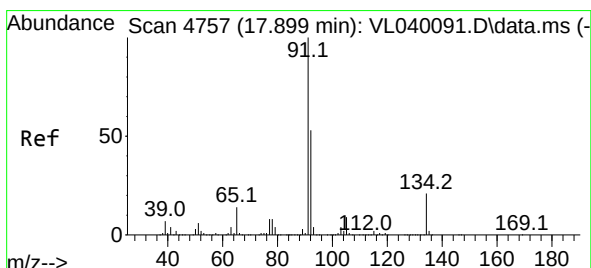
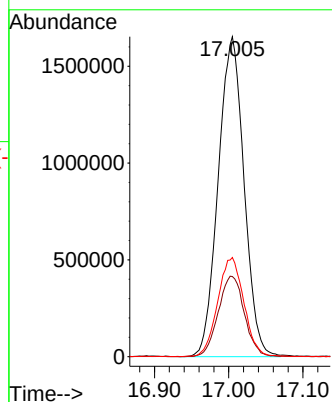
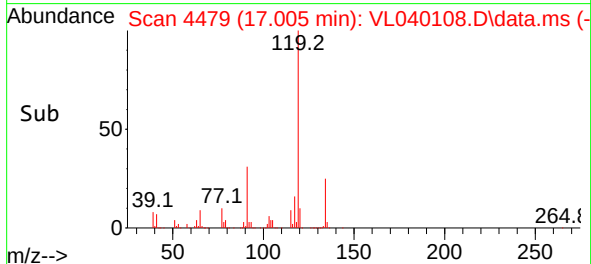
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



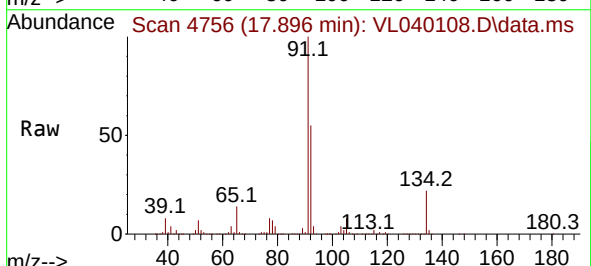
Tgt Ion:119 Resp: 3993728
Ion Ratio Lower Upper
119 100
134 25.5 20.1 30.1
91 31.4 25.0 37.4

Manual Integrations
APPROVED

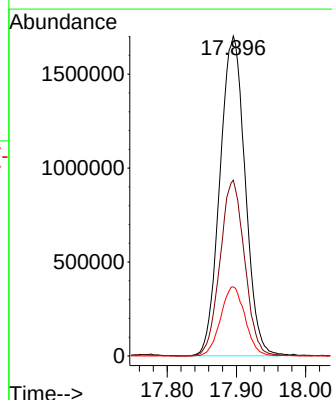
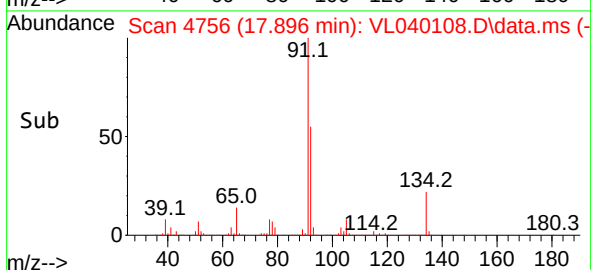
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

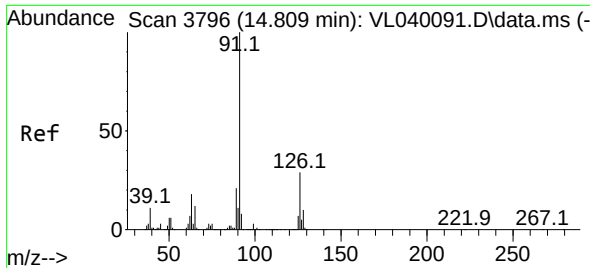


#70
n-Butylbenzene
Concen: 10.801 ppbv
RT: 17.896 min Scan# 4756
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30



Tgt Ion: 91 Resp: 4304652
Ion Ratio Lower Upper
91 100
92 53.5 42.8 64.2
134 21.1 16.9 25.3





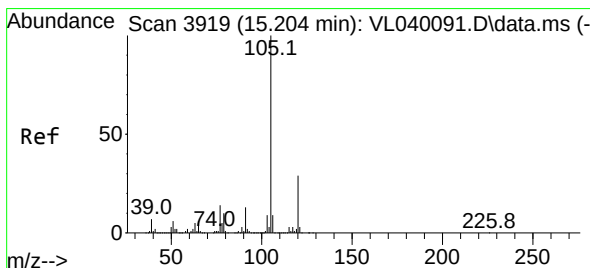
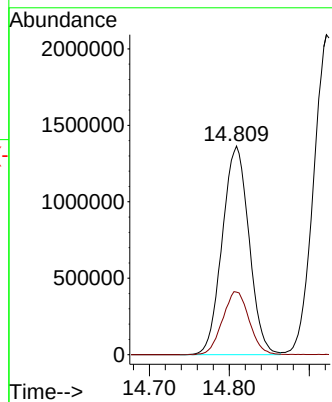
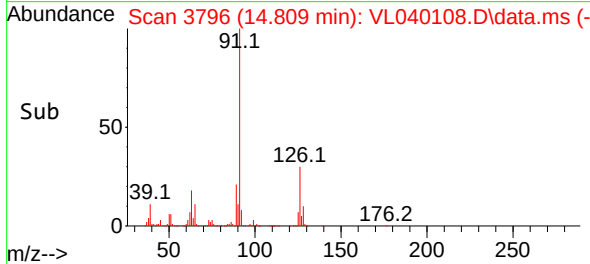
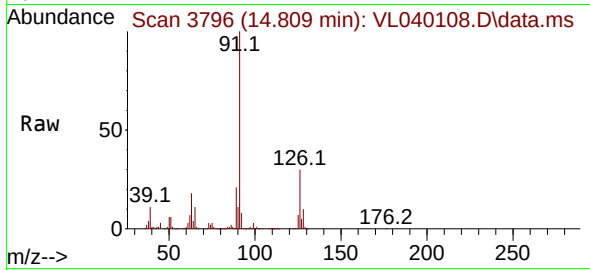
#71
2-Chlorotoluene
Concen: 10.638 ppbv
RT: 14.809 min Scan# 3796
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

Tgt Ion: 91 Resp: 3170099
Ion Ratio Lower Upper
91 100
126 30.1 11.9 47.5

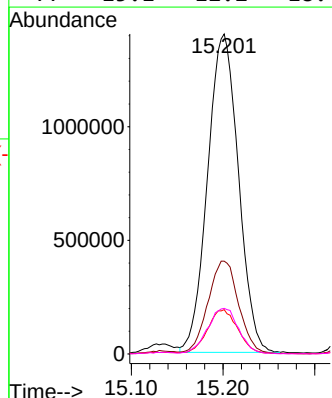
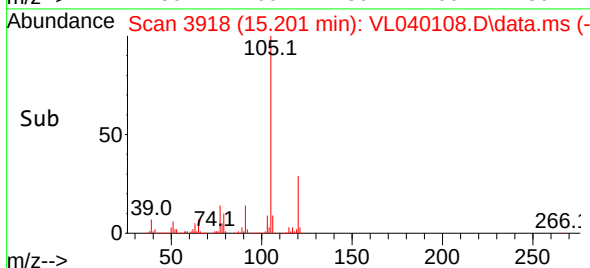
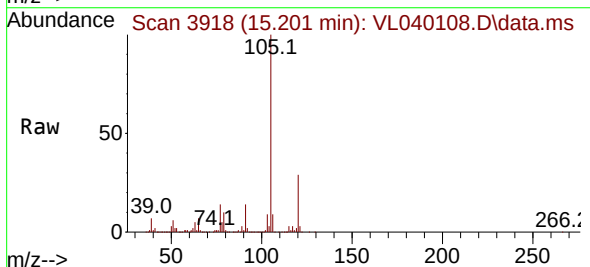
Manual Integrations
APPROVED

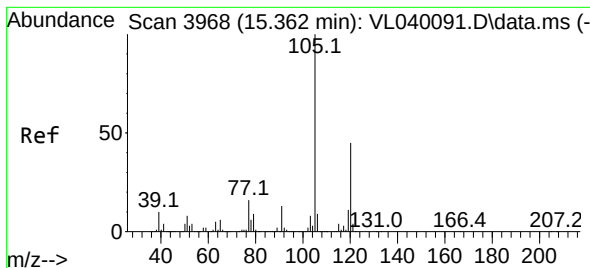
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#72
4-Ethyltoluene
Concen: 10.949 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion:105 Resp: 3273140
Ion Ratio Lower Upper
105 100
120 29.2 23.1 34.7
91 14.4 11.2 16.8
77 15.1 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 10.813 ppbv

RT: 15.359 min Scan# 3967

Delta R.T. -0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01

Tgt Ion:105 Resp: 2910299

Ion Ratio Lower Upper

105 100

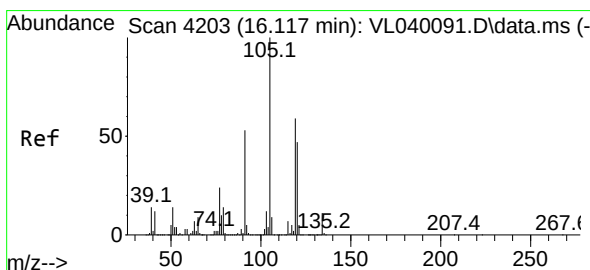
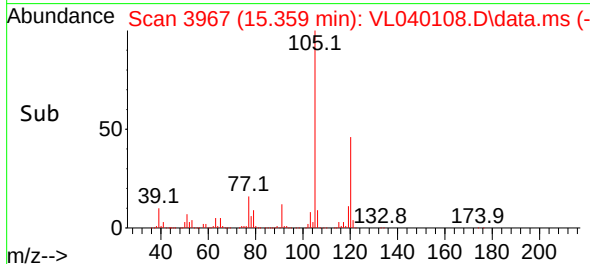
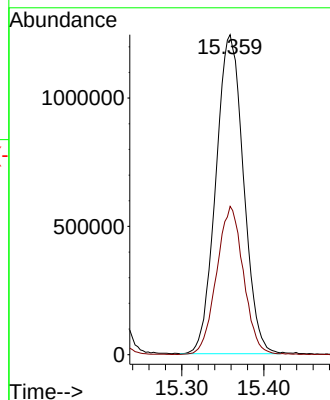
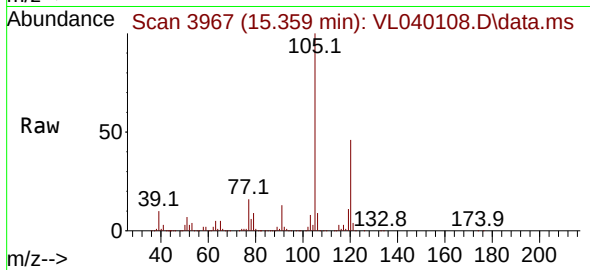
120 46.4 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.540 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. -0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Tgt Ion:105 Resp: 3142570

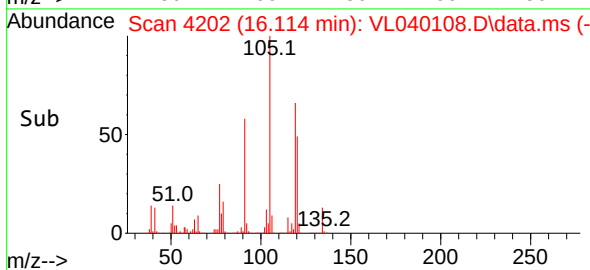
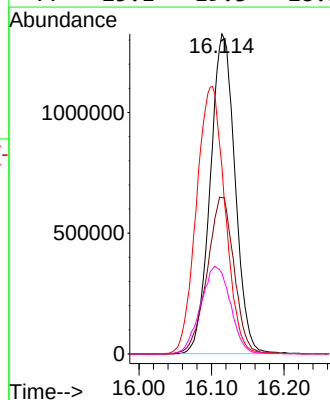
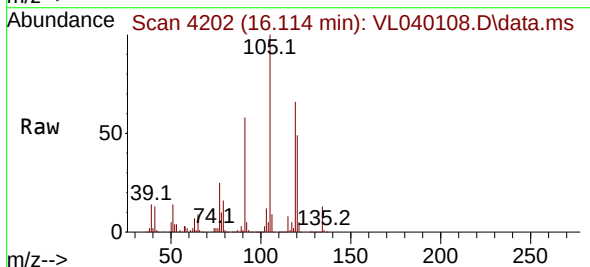
Ion Ratio Lower Upper

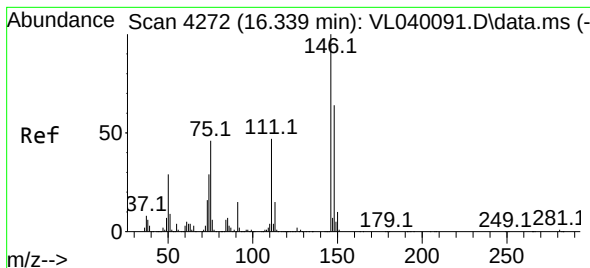
105 100

120 48.7 38.0 57.0

91 58.3 42.1 63.1

77 25.1 19.3 28.9





#75

1,3-Dichlorobenzene

Concen: 10.584 ppbv

RT: 16.339 min Scan# 4272

Delta R.T. 0.000 min

Lab File: VL040108.D

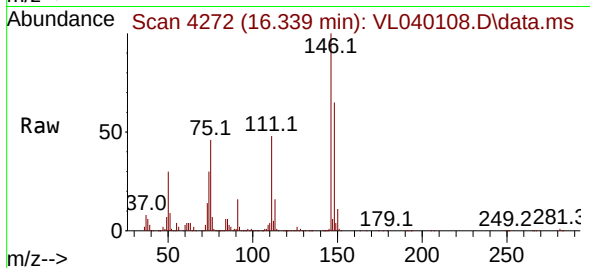
Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01



Tgt Ion:146 Resp: 1752584

Ion Ratio Lower Upper

146 100

111 48.2 24.3 73.0

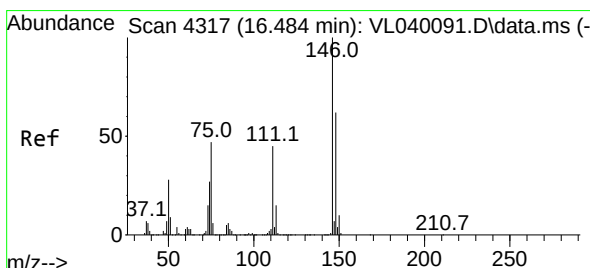
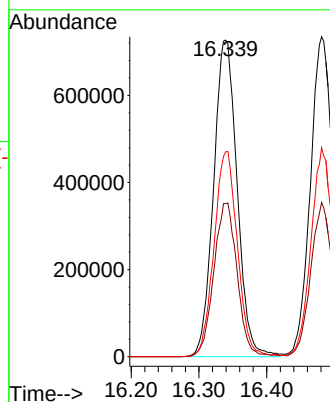
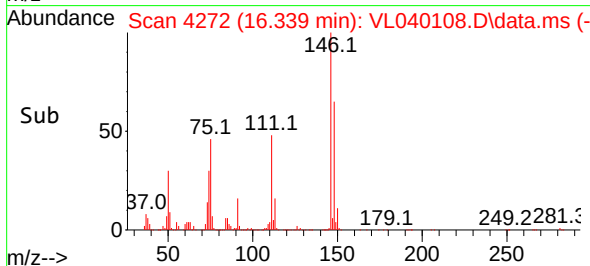
148 64.4 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#76

1,4-Dichlorobenzene

Concen: 10.468 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. -0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

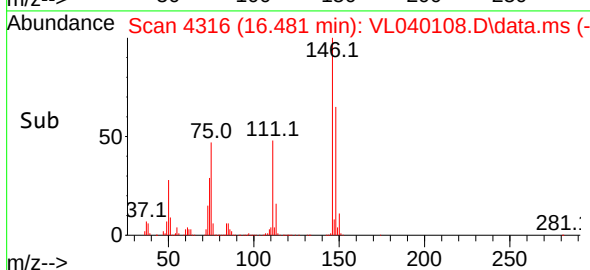
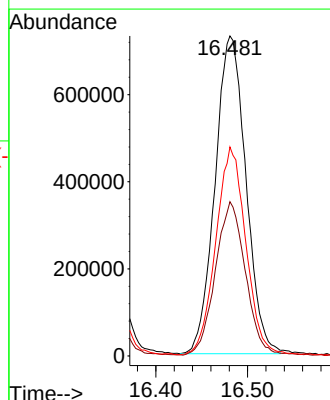
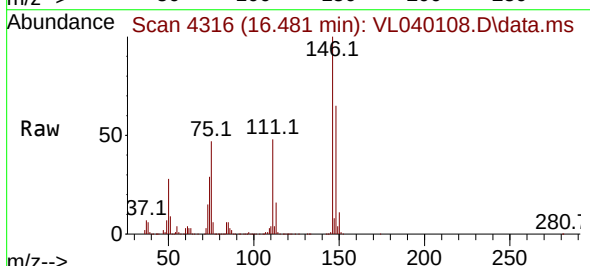
Tgt Ion:146 Resp: 1704354

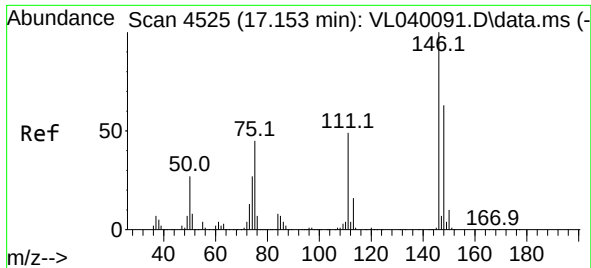
Ion Ratio Lower Upper

146 100

111 47.9 23.8 71.2

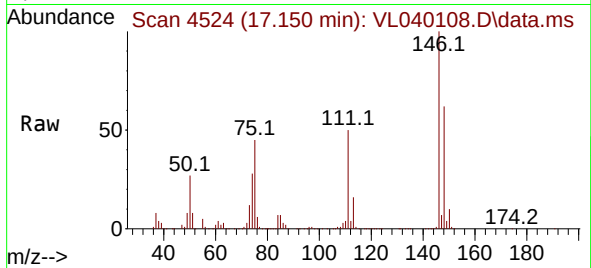
148 64.8 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 10.332 ppbv
RT: 17.150 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

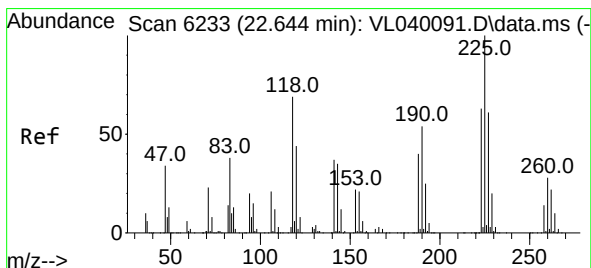
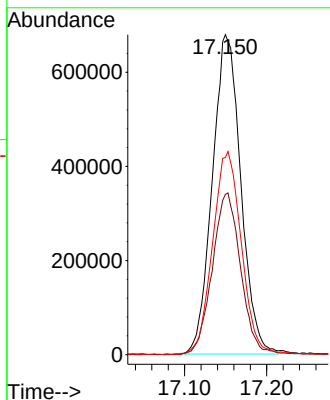
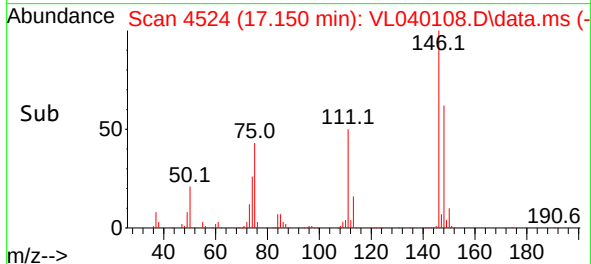
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01



Tgt Ion:146 Resp: 163620
Ion Ratio Lower Upper
146 100
111 50.9 25.1 75.2
148 64.2 32.4 97.0

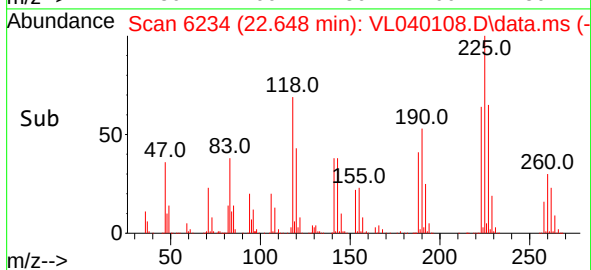
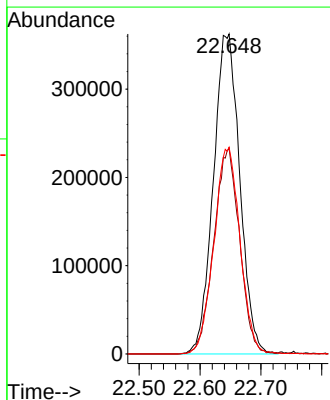
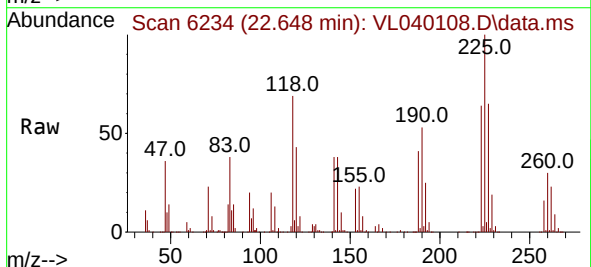
Manual Integrations
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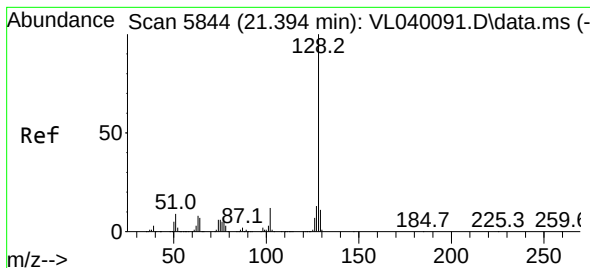
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#78
Hexachloro-1,3-Butadiene
Concen: 9.428 ppbv m
RT: 22.648 min Scan# 6234
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion:225 Resp: 1093597
Ion Ratio Lower Upper
225 100
223 0.0 51.5 77.3#
227 0.0 50.6 76.0#





#79

Naphthalene

Concen: 13.224 ppbv

RT: 21.397 min Scan# 5844

Delta R.T. 0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01

Tgt Ion:128 Resp: 225858

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

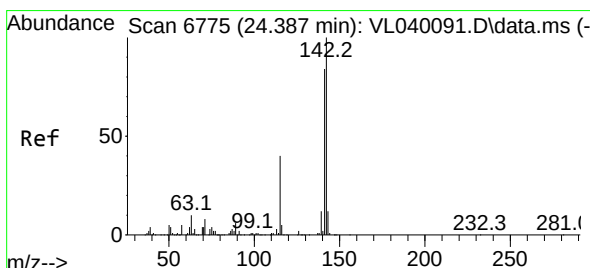
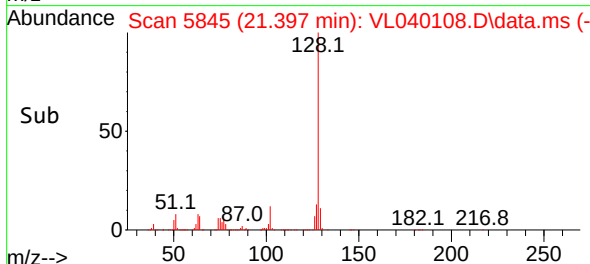
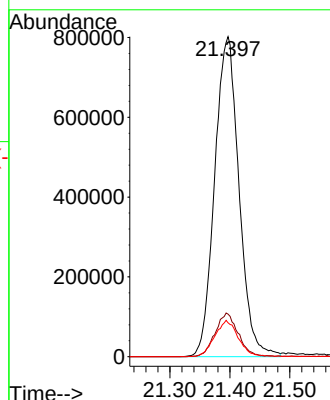
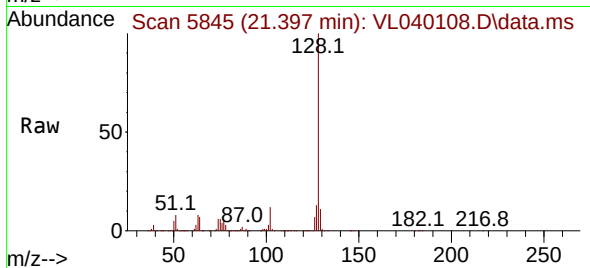
129 10.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#80

Naphthalene,2-methyl-

Concen: 12.083 ppbv

RT: 24.384 min Scan# 6774

Delta R.T. -0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

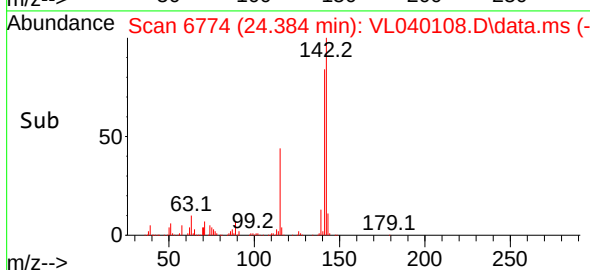
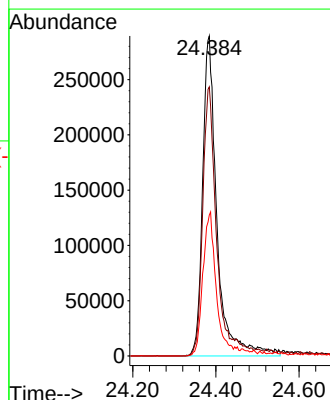
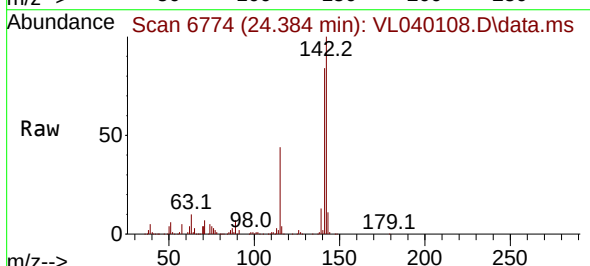
Tgt Ion:142 Resp: 695408

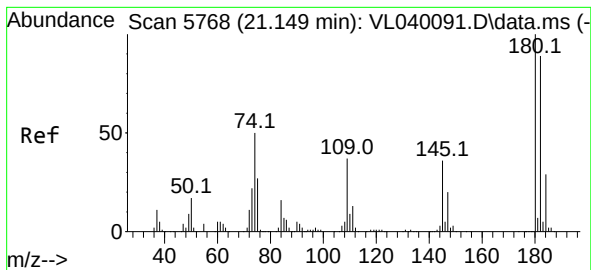
Ion Ratio Lower Upper

142 100

141 84.3 65.0 97.6

115 43.9 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 11.065 ppbv

RT: 21.149 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040108.D

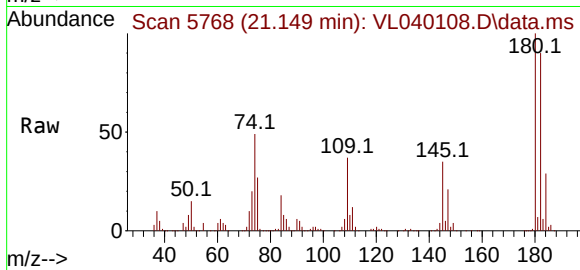
Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01



Tgt Ion:180 Resp: 116484

Ion Ratio Lower Upper

180 100

182 97.0 78.6 117.8

184 30.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023

