

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041106.D
 Acq On : 14 Mar 2024 14:28
 Operator : SY/MD
 Sample : VL0314ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 02:46:56 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

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

QLast Update : Fri Mar 15 02:44:43 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1333727	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3377968	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	3405335m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2581163 9.695 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	1882217	7.406	ppbv	99
3) Chlorodifluoromethane	2.658	51	1949940	9.955	ppbv	99
4) Chloromethane	2.800	50	729774	9.844	ppbv	99
5) Vinyl Chloride	2.906	62	759475	10.067	ppbv	99
6) Bromomethane	3.105	94	230138	7.693	ppbv	95
7) Chloroethane	3.182	64	269744	10.297	ppbv	91
8) Dichlorotetrafluoroethane	2.842	85	1883160	10.204	ppbv	97
9) Propene	2.681	41	655304	10.045	ppbv	99
10) Heptane	7.574	43	1646032	10.546	ppbv	98
11) Trichlorofluoromethane	3.549	101	1932419	9.861	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.054	101	1376321	9.552	ppbv	98
13) Ethanol	3.227	45	146311	8.416	ppbv	99
14) Bromoethene	3.353	108	573973	10.217	ppbv	100
15) Acetone	3.452	43	1370728	9.021	ppbv	99
16) 1,3-Butadiene	2.970	39	726733	10.544	ppbv	100
17) tert-Butyl alcohol	3.864	59	1350196	12.001	ppbv	99
18) 1,1-Dichloroethene	3.867	96	599686	9.536	ppbv	98
19) Isopropyl Alcohol	3.562	45	938664	11.565	ppbv	100
20) Methylene Chloride	3.922	84	514939	8.693	ppbv	94
21) Allyl Chloride	3.983	41	818638	9.539	ppbv	99
22) trans-1,2-Dichloroethene	4.436	96	631573	8.603	ppbv	98
23) Vinyl Acetate	4.616	43	1468203	8.539	ppbv	99
24) 1,1-Dichloroethane	4.552	63	1258931	8.105	ppbv	100
25) Ethyl Acetate	5.195	43	2778251	10.149	ppbv	99
26) Hexane	5.202	57	1179829	9.643	ppbv	96
27) Carbon Disulfide	4.112	76	1497504	10.210	ppbv	99
28) Methyl tert-Butyl Ether	4.575	73	866117	8.006	ppbv	98
29) Chloroform	5.266	83	2045285	9.816	ppbv	97
30) Cyclohexane	6.591	84	1007715	9.939	ppbv	98
31) cis-1,2-Dichloroethene	5.070	61	1207716	10.140	ppbv	96
32) 1,1,1-Trichloroethane	5.996	97	2004912	10.625	ppbv	99
34) 2-Butanone	4.774	43	1391077	8.317	ppbv	99
35) Carbon Tetrachloride	6.488	117	2119134	10.735	ppbv	99
36) Benzene	6.362	78	2559214	10.178	ppbv	100
37) 1,2-Dichloroethane	5.800	62	1540049	10.180	ppbv	99
38) Trichloroethene	7.285	130	1025303	11.227	ppbv	94
39) 1,2-Dichloropropane	7.066	63	1002487	9.967	ppbv	98
40) 1,4-Dioxane	7.282	88	410147	10.357	ppbv	98
41) Tetrahydrofuran	5.546	42	1042720	10.475	ppbv	100
42) Bromodichloromethane	7.240	83	2276797	10.505	ppbv	96
43) Methyl Methacrylate	7.468	69	1068736	10.988	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	4251410	10.125	ppbv	99
45) t-1,3-Dichloropropene	8.703	75	563224	8.413	ppbv	99

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Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

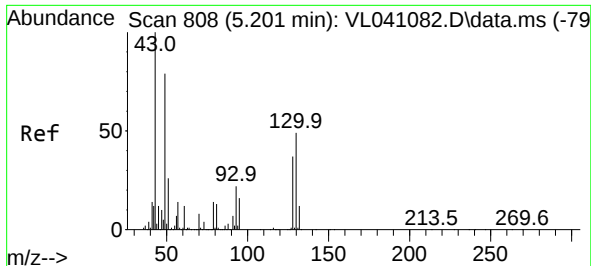
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Mar 15 02:44:43 2024

Response via : Initial Calibration

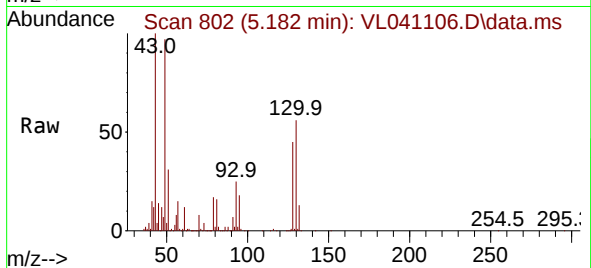
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	743787	8.846	ppbv	97
47) 1,1,2-Trichloroethane	8.893	97	1103861	10.289	ppbv	98
48) Dibromochloromethane	9.706	129	1893112	10.826	ppbv	99
49) Bromoform	12.404	173	1541938	11.086	ppbv	98
50) 4-Methyl-2-Pentanone	8.176	43	2754212	11.165	ppbv	98
51) 2-Hexanone	9.542	43	2055646	11.377	ppbv	99
52) Tetrachloroethene	10.613	164	871172	11.170	ppbv	95
53) Toluene	9.214	91	2944328	10.863	ppbv	99
54) 1,2-Dibromoethane	10.005	107	1440451	10.440	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.507	131	1369875	9.402	ppbv	95
57) Chlorobenzene	11.523	112	2279665	9.497	ppbv	98
58) Ethyl Benzene	12.086	91	4015812	10.073	ppbv	97
59) m/p-Xylene	12.368	91	6928847m	19.799	ppbv	
60) o-Xylene	13.053	91	3312737	9.970	ppbv	99
61) Styrene	12.896	104	1672485	11.146	ppbv	100
62) Isopropylbenzene	14.028	105	4810334	9.745	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.044	83	2505133	10.030	ppbv	100
64) n-propylbenzene	14.912	120	1263589	10.174	ppbv	100
65) tert-Butylbenzene	16.089	119	4237016	9.876	ppbv	100
66) Benzyl Chloride	16.326	91	193371m	6.653	ppbv	
67) sec-Butylbenzene	16.632	105	6084831	9.860	ppbv	100
69) p-Isopropyltoluene	16.989	119	4875362	10.128	ppbv	100
70) n-Butylbenzene	17.883	91	5286224	10.161	ppbv	99
71) 2-Chlorotoluene	14.799	91	3758083	9.953	ppbv	99
72) 4-Ethyltoluene	15.188	105	3831850	10.474	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	3334060	10.298	ppbv	96
74) 1,2,4-Trimethylbenzene	16.105	105	3687689	9.973	ppbv	98
75) 1,3-Dichlorobenzene	16.326	146	2110136	9.993	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	2053617	9.652	ppbv	100
77) 1,2-Dichlorobenzene	17.137	146	2053961	9.954	ppbv	99
78) Hexachloro-1,3-Butadiene	22.628	225	1215817	8.370	ppbv	99
79) Naphthalene	21.378	128	2840414	13.265	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	503806	14.678	ppbv	92
81) 1,2,4-Trichlorobenzene	21.137	180	1391162	11.282	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

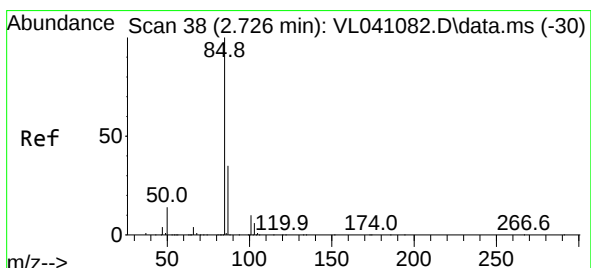
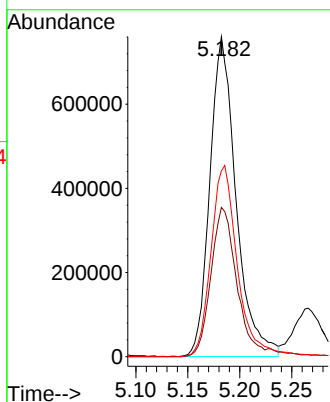
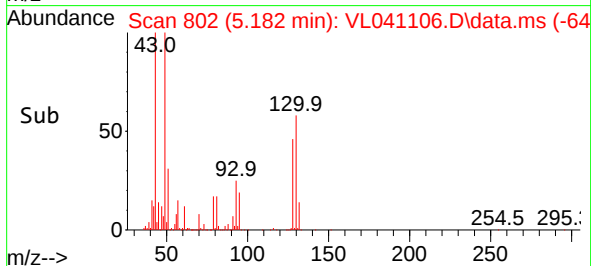
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



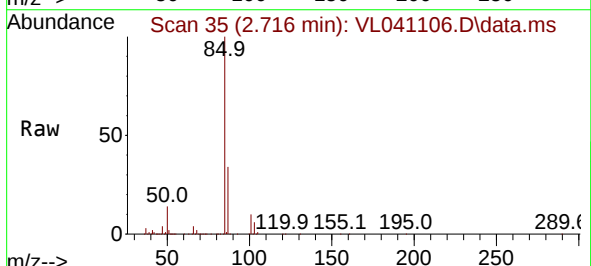
Tgt Ion: 49 Resp: 133372
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.5
130 61.3 30.3 90.9

Manual Integrations
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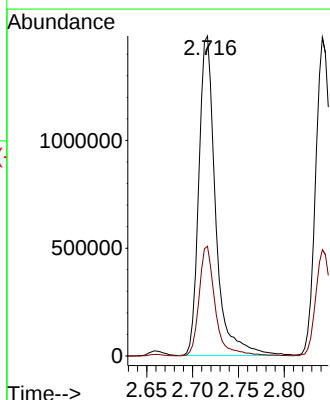
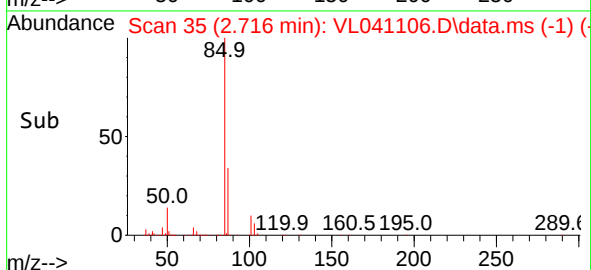
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

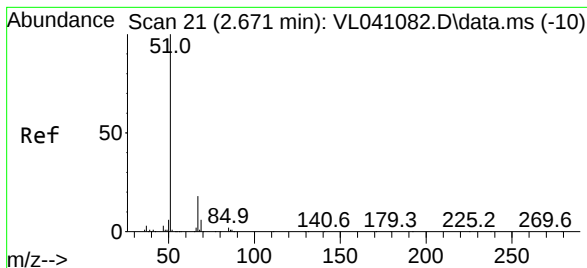


#2
Dichlorodifluoromethane
Concen: 7.406 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28



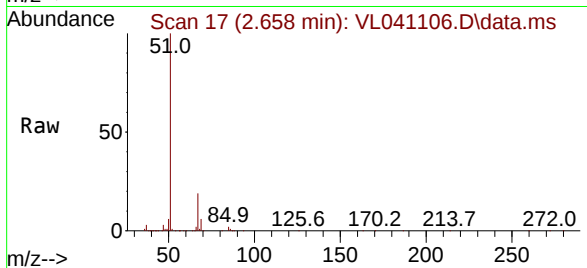
Tgt Ion: 85 Resp: 1882217
Ion Ratio Lower Upper
85 100
87 34.3 28.1 42.1





#3
Chlorodifluoromethane
Concen: 9.955 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

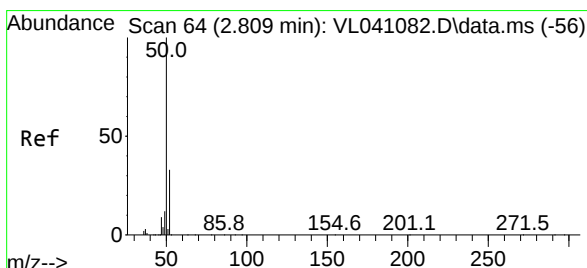
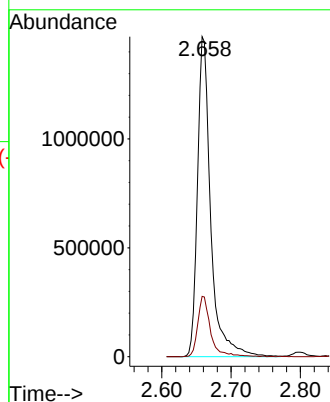
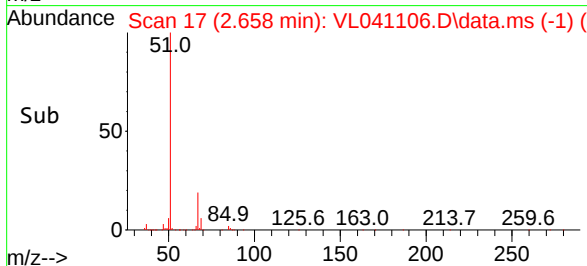
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



Tgt Ion: 51 Resp: 1949940
Ion Ratio Lower Upper
51 100
67 18.4 14.5 21.7

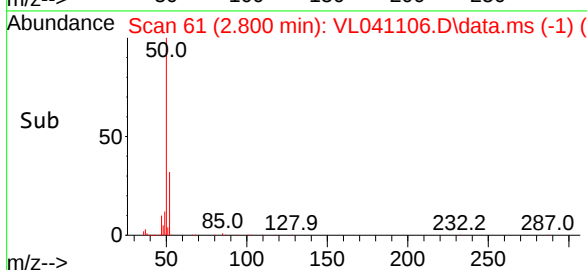
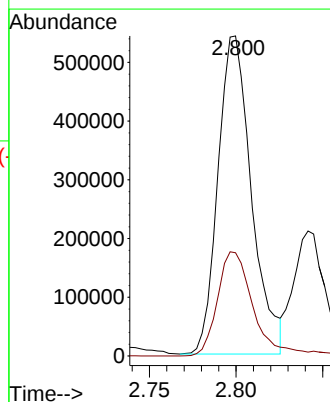
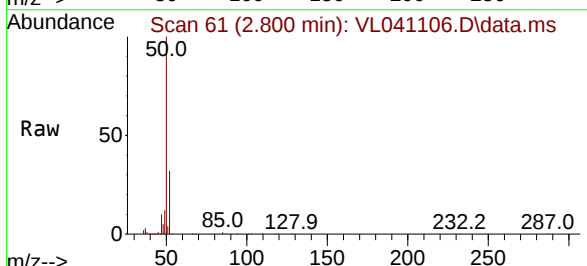
Manual Integrations
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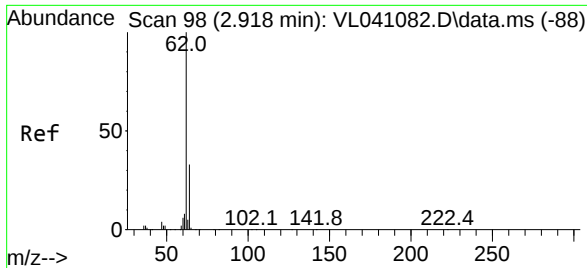
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#4
Chloromethane
Concen: 9.844 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

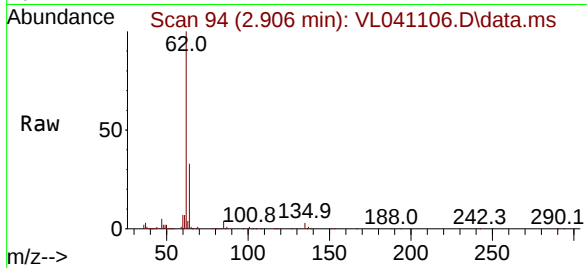
Tgt Ion: 50 Resp: 729774
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0





#5
 Vinyl Chloride
 Concen: 10.067 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.003 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

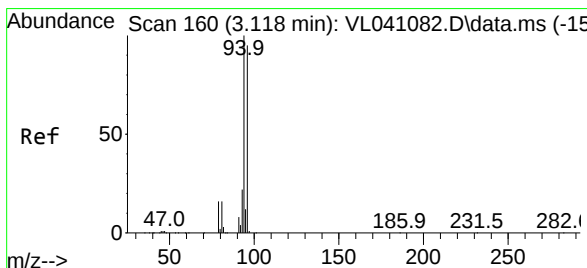
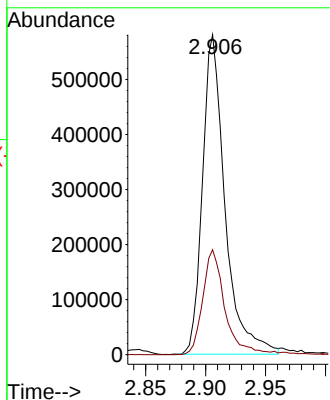
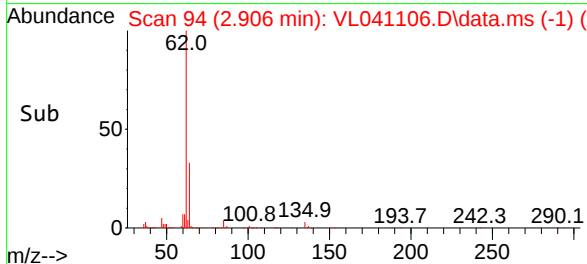
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01



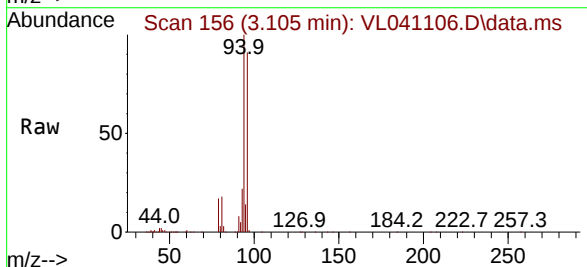
Tgt Ion: 62 Resp: 759475
 Ion Ratio Lower Upper
 62 100
 64 32.8 26.5 39.7

Manual Integrations
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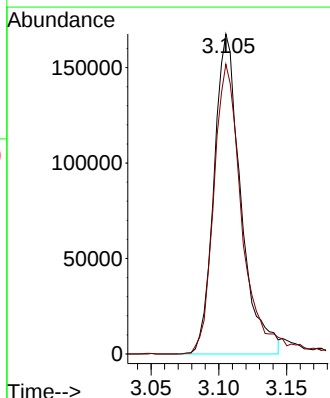
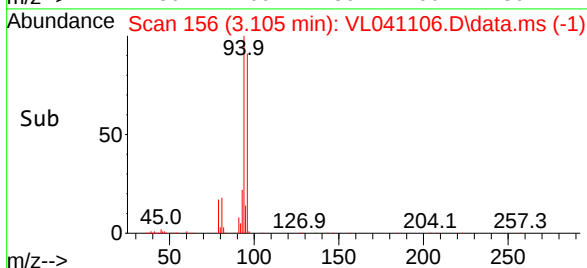
Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

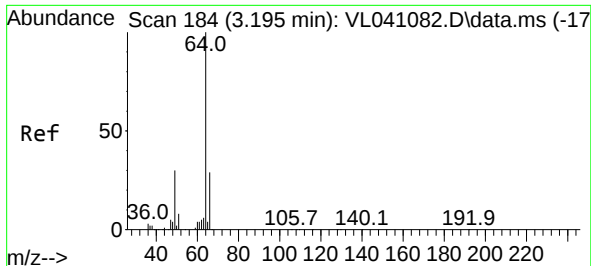


#6
 Bromomethane
 Concen: 7.693 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. -0.003 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28



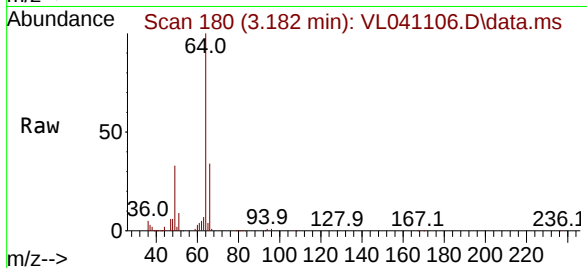
Tgt Ion: 94 Resp: 230138
 Ion Ratio Lower Upper
 94 100
 96 90.5 76.0 114.0





#7
Chloroethane
Concen: 10.297 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

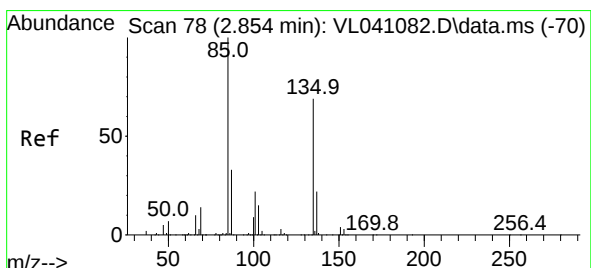
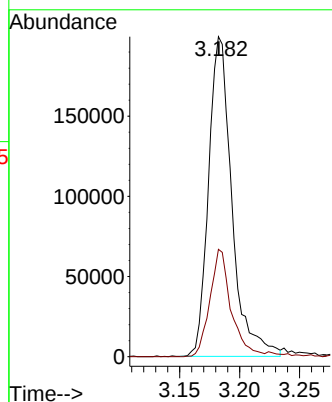
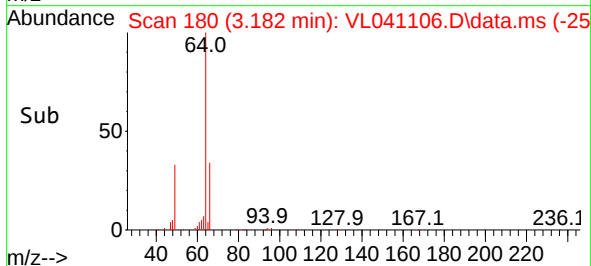
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



Tgt Ion: 64 Resp: 269744
Ion Ratio Lower Upper
64 100
66 33.6 23.2 34.8

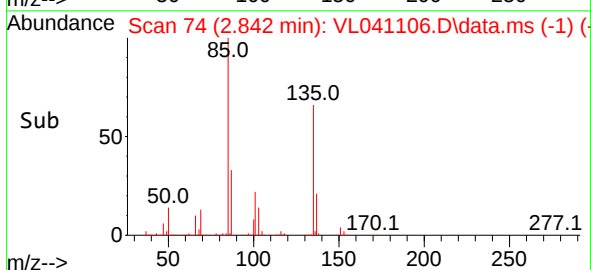
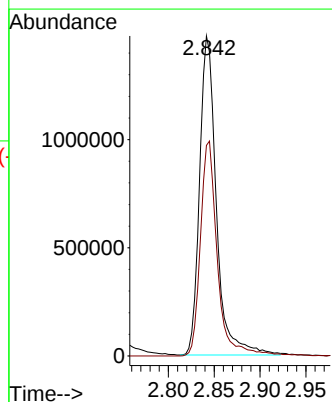
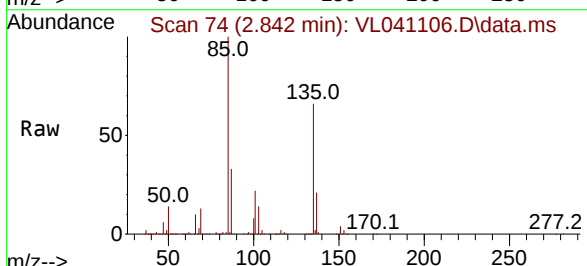
Manual Integrations
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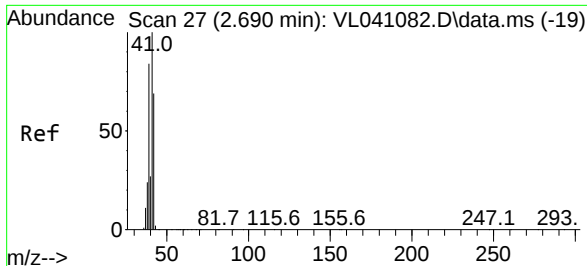
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#8
Dichlorotetrafluoroethane
Concen: 10.204 ppbv
RT: 2.842 min Scan# 74
Delta R.T. -0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

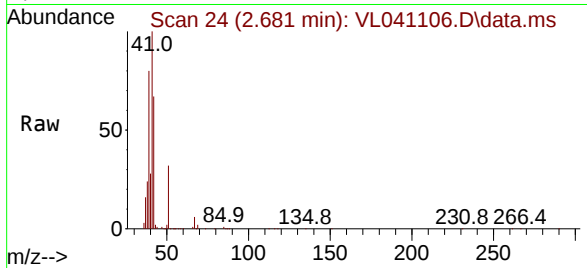
Tgt Ion: 85 Resp: 1883160
Ion Ratio Lower Upper
85 100
135 68.3 56.7 85.1





#9
 Propene
 Concen: 10.045 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

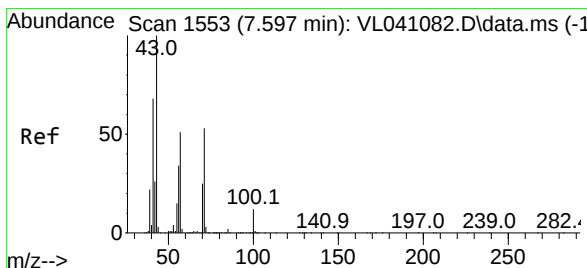
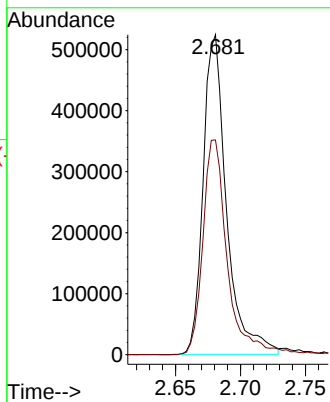
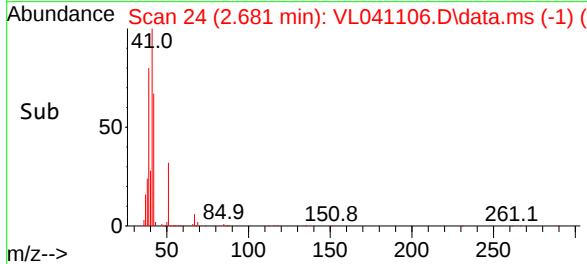
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01



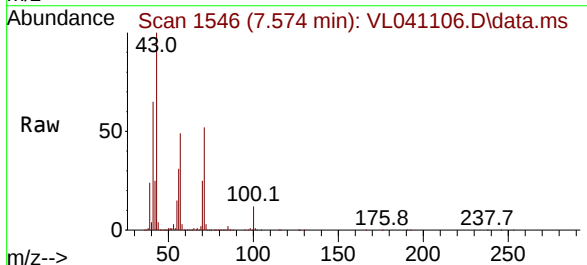
Tgt Ion: 41 Resp: 655304
 Ion Ratio Lower Upper
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 42 70.9 55.9 83.9

Manual Integrations
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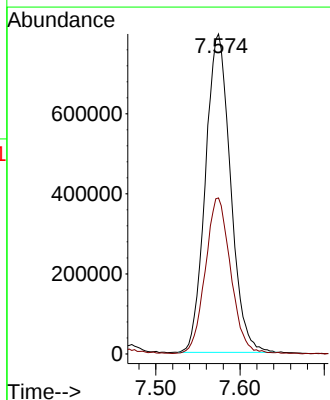
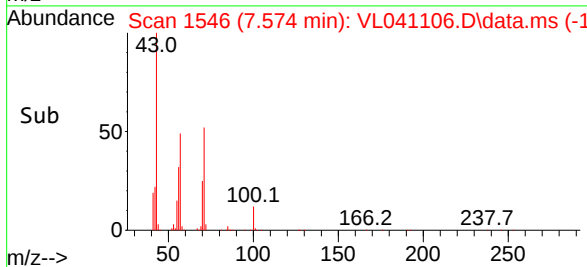
Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

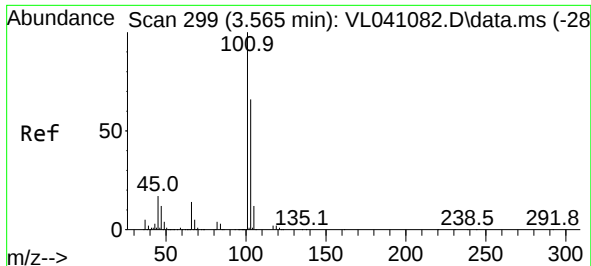


#10
 Heptane
 Concen: 10.546 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. 0.006 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28



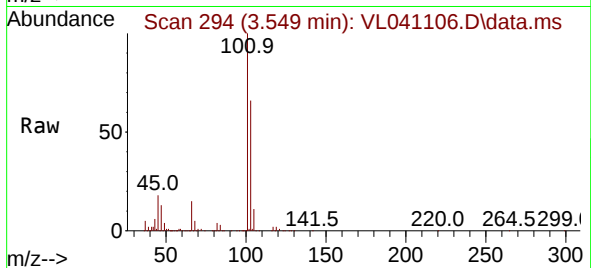
Tgt Ion: 43 Resp: 1646032
 Ion Ratio Lower Upper
 43 100
 57 49.7 41.0 61.6





#11
Trichlorofluoromethane
Concen: 9.861 ppbv
RT: 3.549 min Scan# 299
Delta R.T. -0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

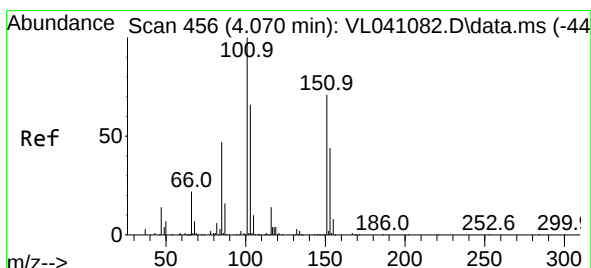
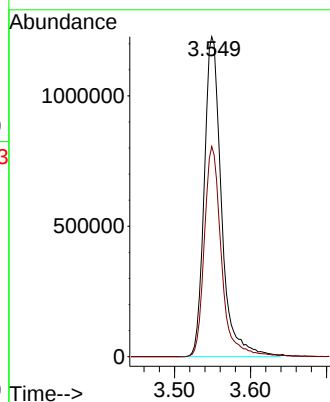
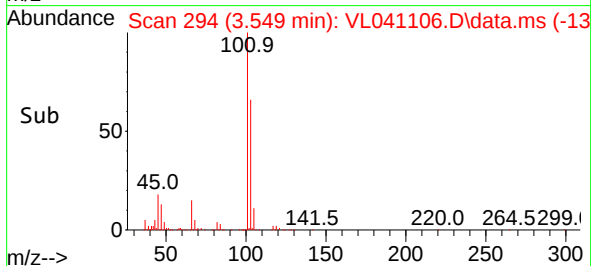
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



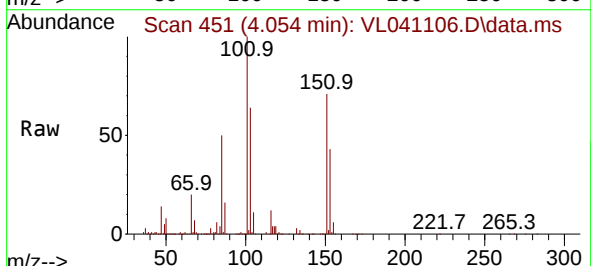
Tgt Ion:101 Resp: 1932419
Ion Ratio Lower Upper
101 100
103 65.7 53.0 79.4

Manual Integrations
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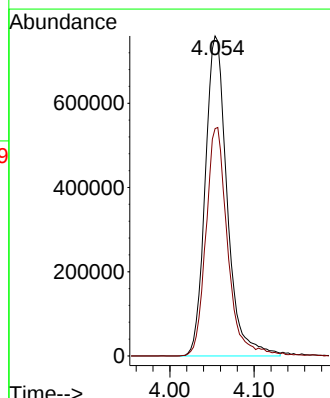
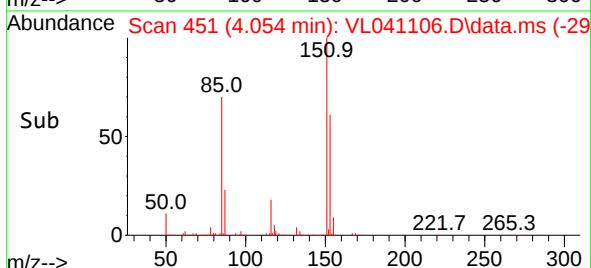
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

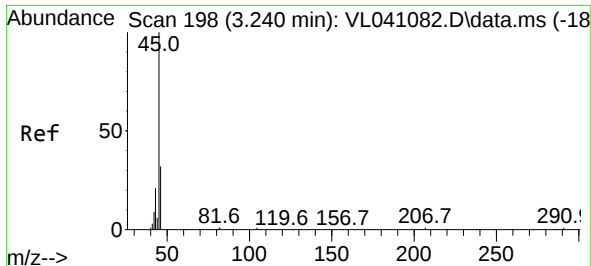


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.552 ppbv
RT: 4.054 min Scan# 451
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28



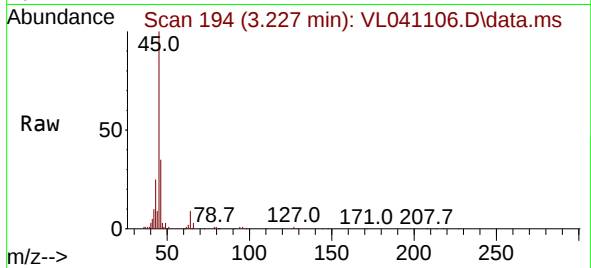
Tgt Ion:101 Resp: 1376321
Ion Ratio Lower Upper
101 100
151 71.2 55.8 83.8





#13
Ethanol
Concen: 8.416 ppbv
RT: 3.227 min Scan# 194
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

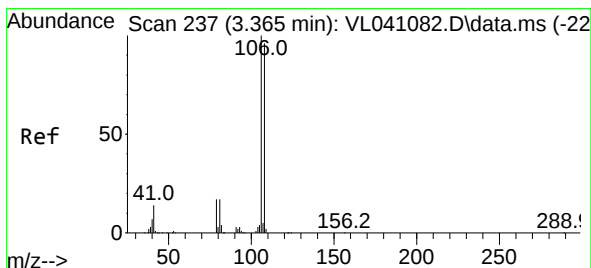
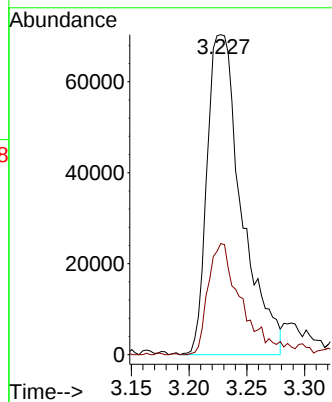
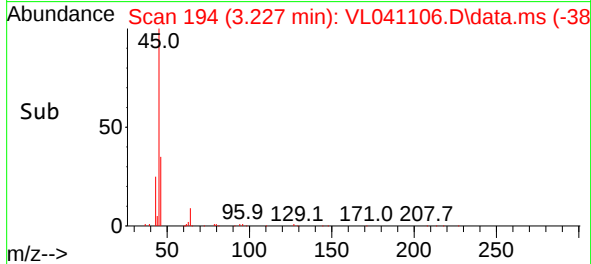
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



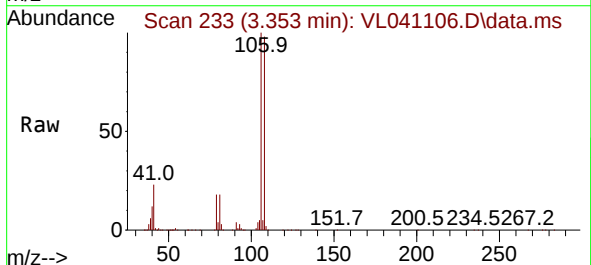
Tgt Ion: 45 Resp: 14631
Ion Ratio Lower Upper
45 100
46 35.8 14.6 58.2

Manual Integrations
APPROVED

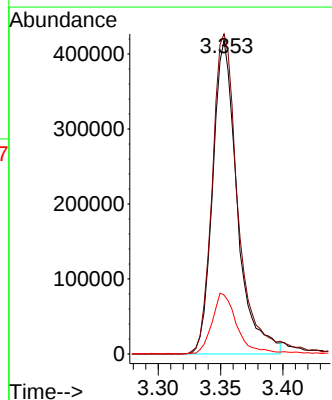
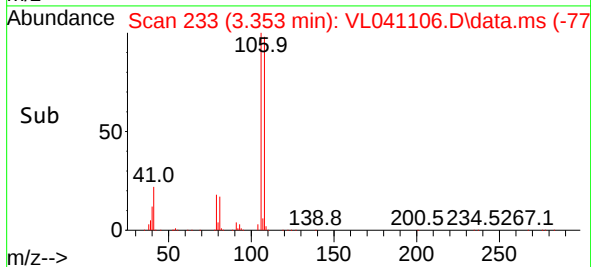
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

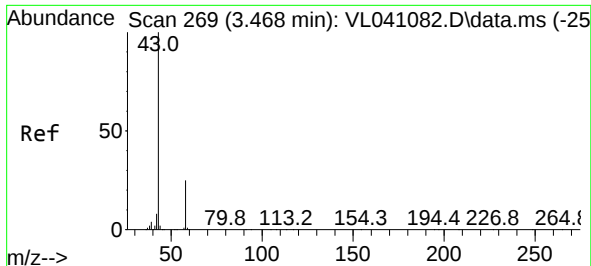


#14
Bromoethene
Concen: 10.217 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28



Tgt Ion:108 Resp: 573973
Ion Ratio Lower Upper
108 100
106 109.8 88.1 132.1
79 20.2 15.6 23.4





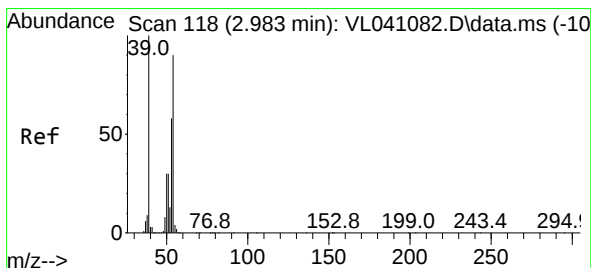
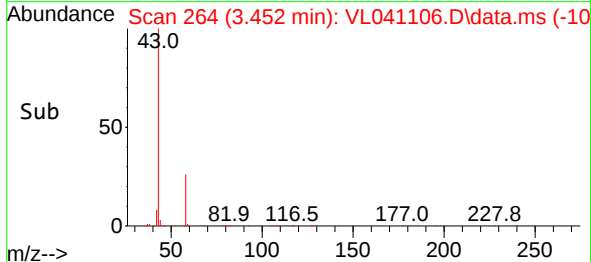
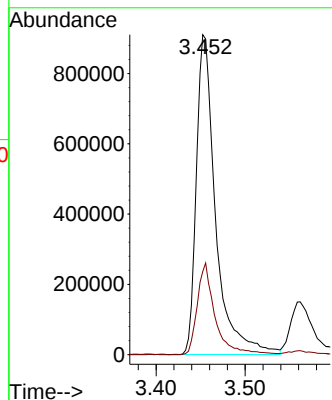
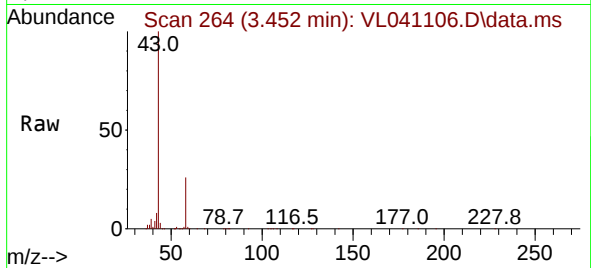
#15
Acetone
Concen: 9.021 ppbv
RT: 3.452 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 43 Resp: 1370728
Ion Ratio Lower Upper
43 100
58 26.5 21.7 32.5

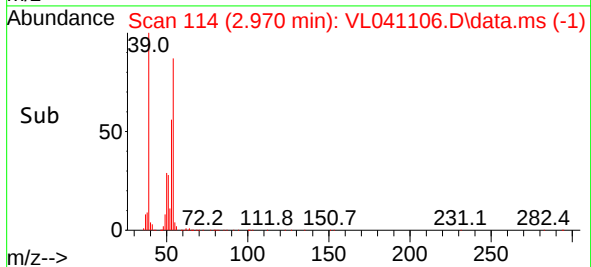
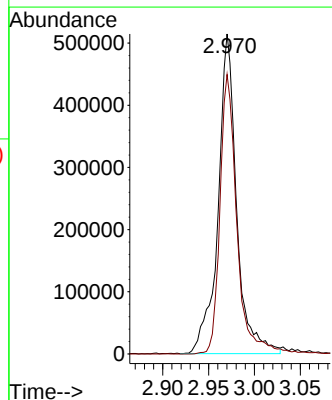
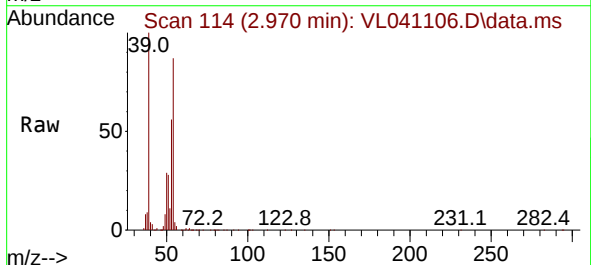
Manual Integrations
APPROVED

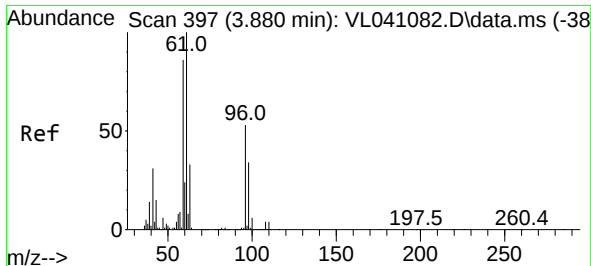
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#16
1,3-Butadiene
Concen: 10.544 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 39 Resp: 726733
Ion Ratio Lower Upper
39 100
54 80.1 64.0 96.0





#17

tert-Butyl alcohol

Concen: 12.001 ppbv

RT: 3.864 min Scan# 397

Delta R.T. 0.000 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion: 59 Resp: 1350190

Ion Ratio Lower Upper

59 100

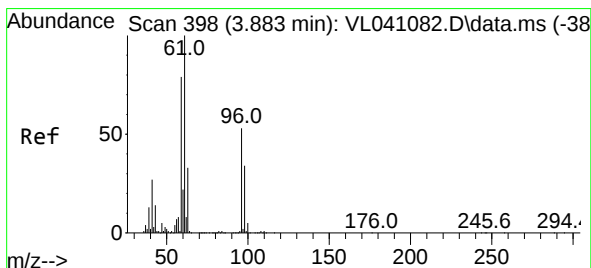
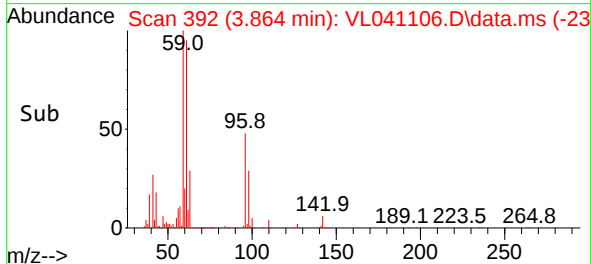
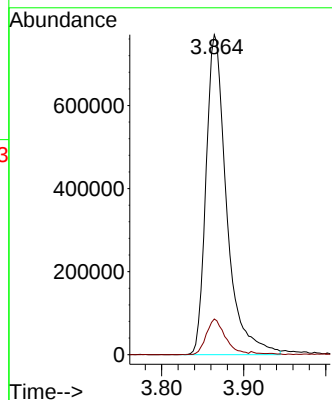
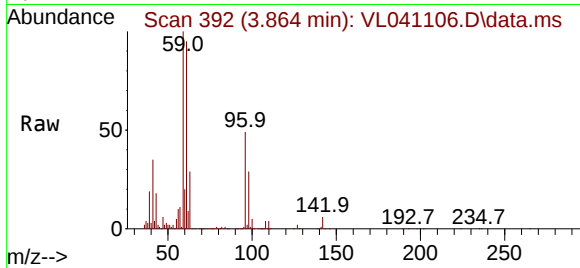
57 11.0 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#18

1,1-Dichloroethene

Concen: 9.536 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

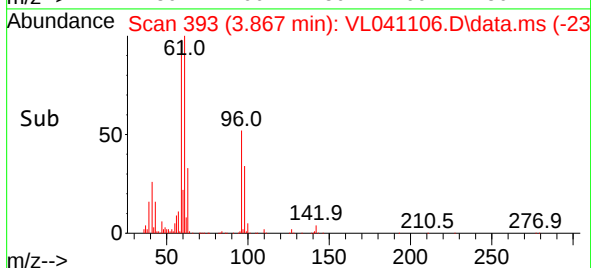
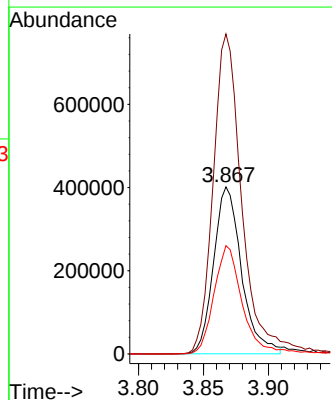
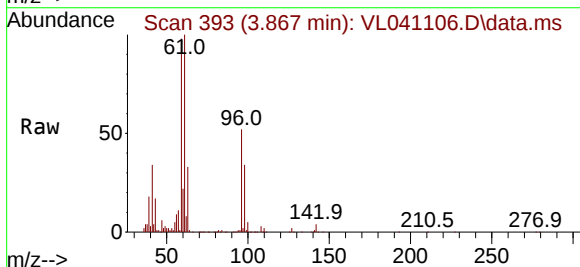
Tgt Ion: 96 Resp: 599686

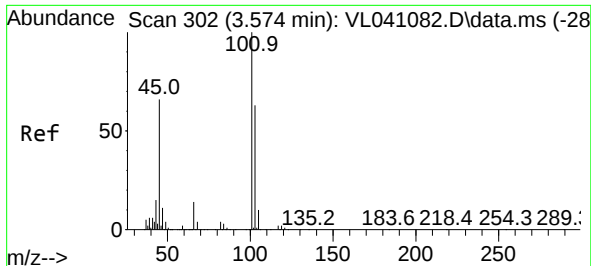
Ion Ratio Lower Upper

96 100

61 191.6 150.2 225.2

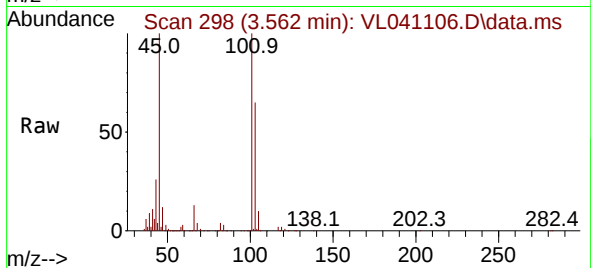
98 64.8 50.7 76.1





#19
Isopropyl Alcohol
Concen: 11.565 ppbv
RT: 3.562 min Scan# 298
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

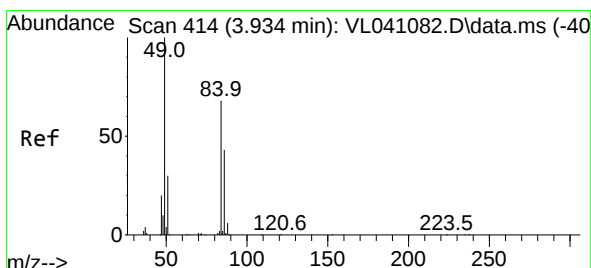
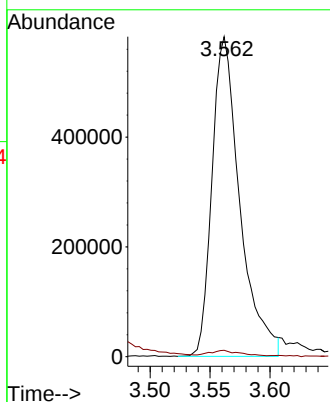
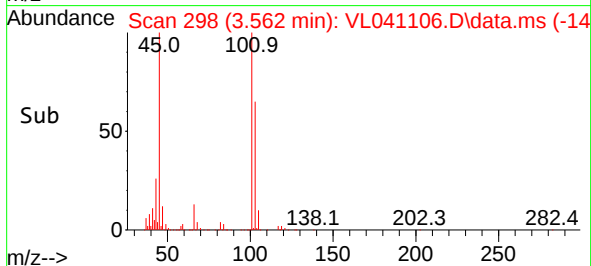
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



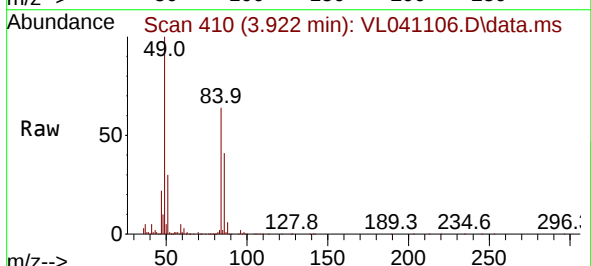
Tgt Ion: 45 Resp: 938664
Ion Ratio Lower Upper
45 100
58 2.7 2.2 3.4

Manual Integrations
APPROVED

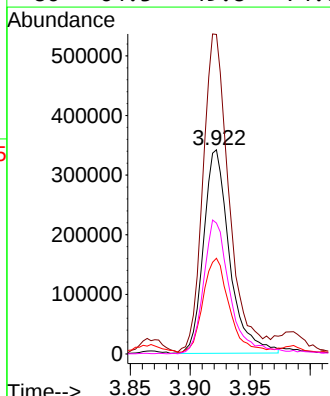
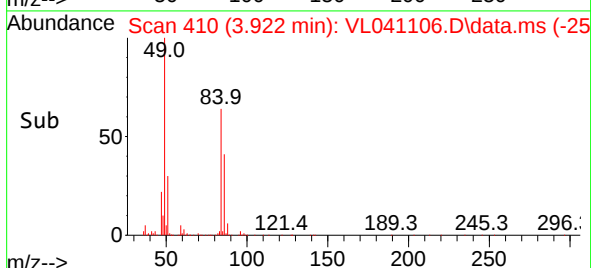
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

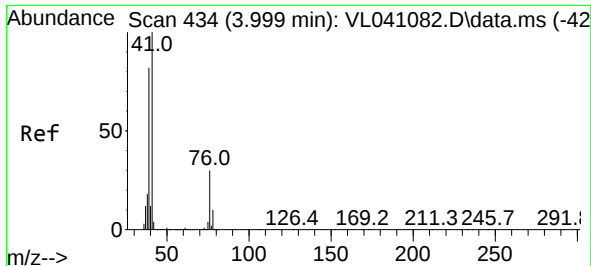


#20
Methylene Chloride
Concen: 8.693 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28



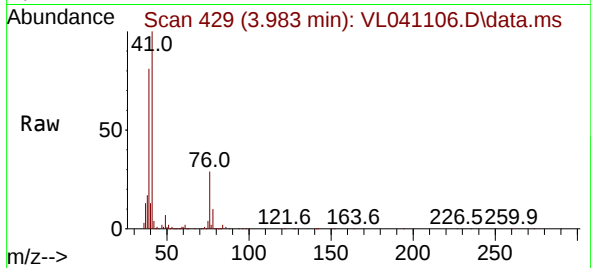
Tgt Ion: 84 Resp: 514939
Ion Ratio Lower Upper
84 100
49 156.3 117.0 175.6
51 46.2 34.9 52.3
86 64.3 49.8 74.6





#21
 Allyl Chloride
 Concen: 9.539 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

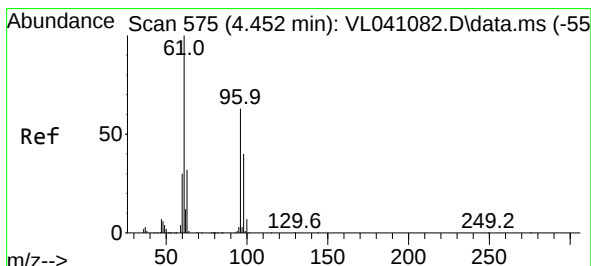
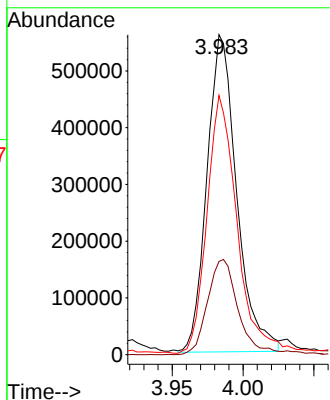
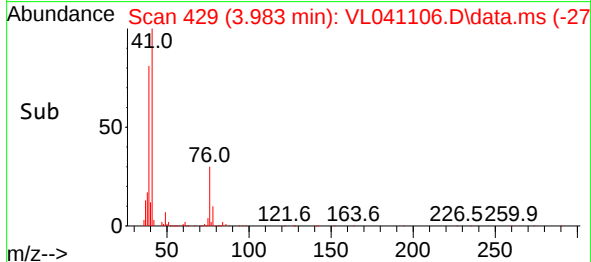
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01



Tgt Ion: 41 Resp: 818638
 Ion Ratio Lower Upper
 41 100
 76 31.4 25.5 38.3
 39 83.4 67.4 101.2

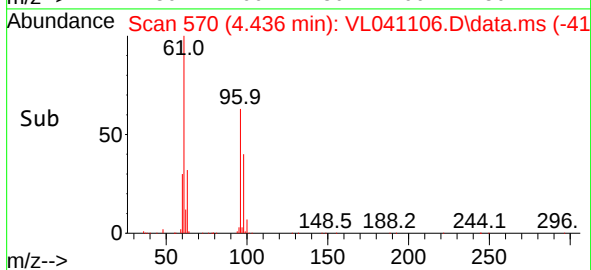
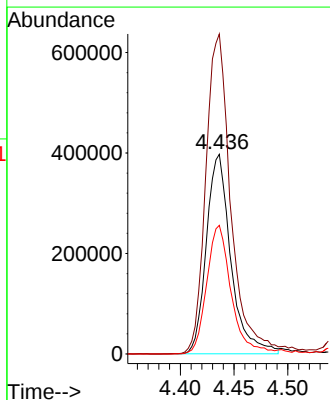
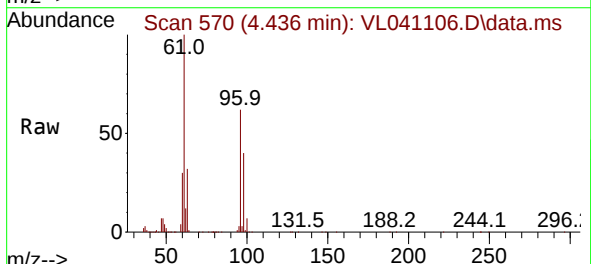
Manual Integrations
 APPROVED

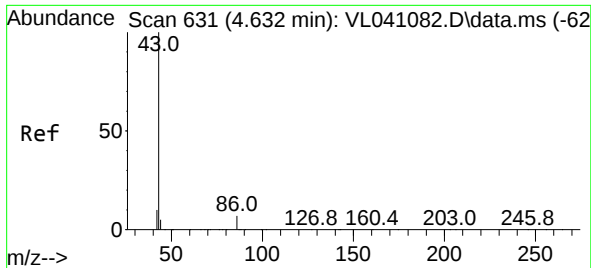
Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024



#22
 trans-1,2-Dichloroethene
 Concen: 8.603 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. 0.003 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

Tgt Ion: 96 Resp: 631573
 Ion Ratio Lower Upper
 96 100
 61 160.2 126.7 190.1
 98 64.4 50.1 75.1





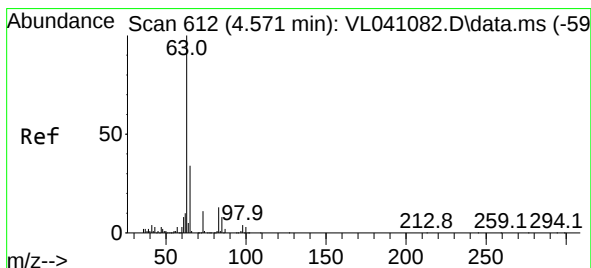
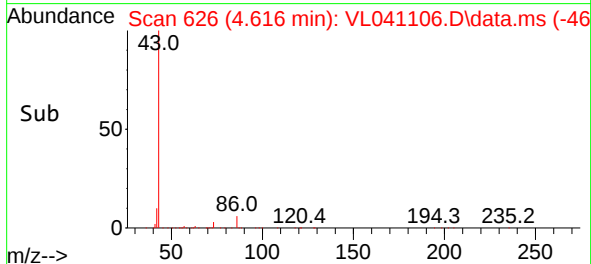
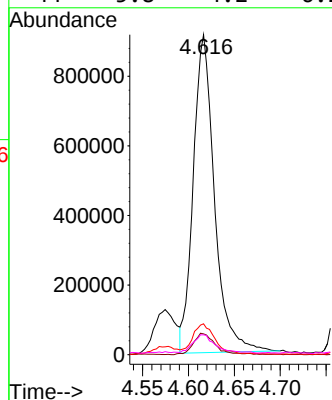
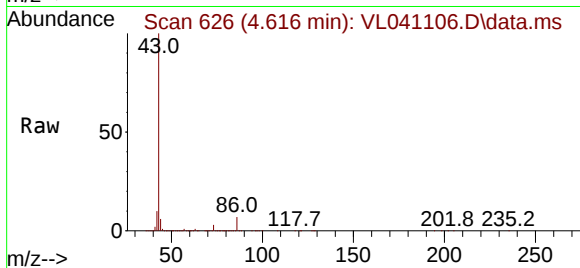
#23
 Vinyl Acetate
 Concen: 8.539 ppbv
 RT: 4.616 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01

Tgt Ion: 43 Resp: 146820
 Ion Ratio Lower Upper
 43 100
 86 6.4 5.4 8.2
 42 9.6 8.0 12.0
 44 5.8 4.2 6.2

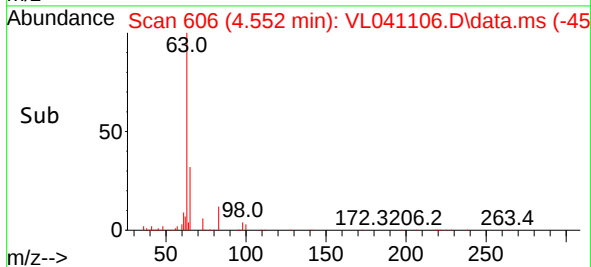
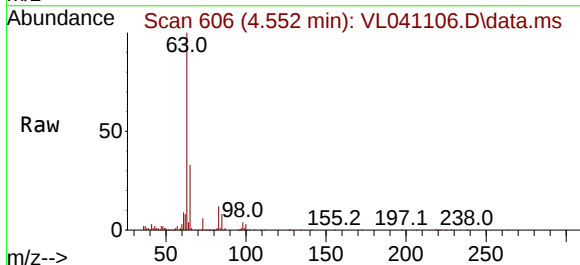
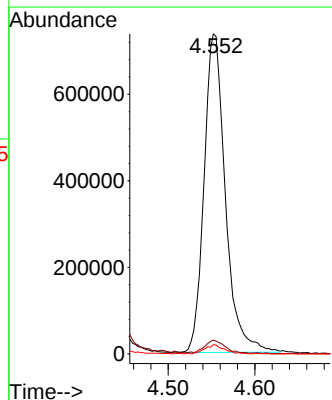
Manual Integrations
 APPROVED

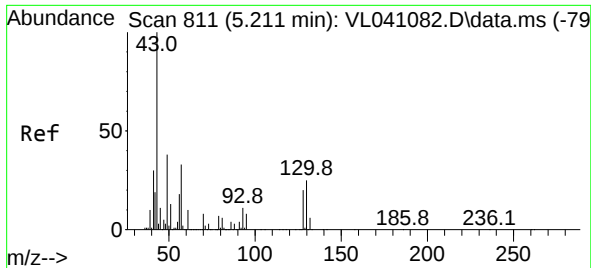
Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024



#24
 1,1-Dichloroethane
 Concen: 8.105 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.000 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

Tgt Ion: 63 Resp: 1258931
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.5
 100 2.9 1.4 4.2





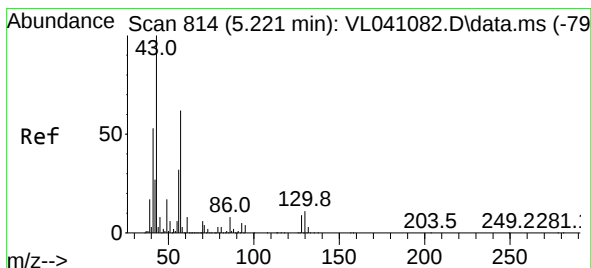
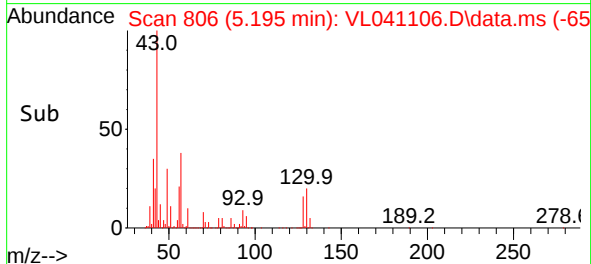
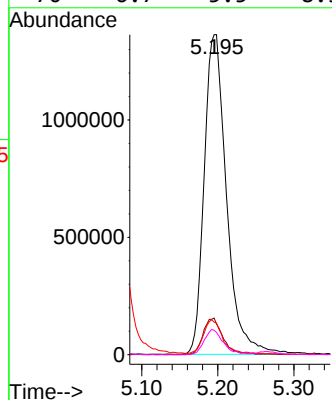
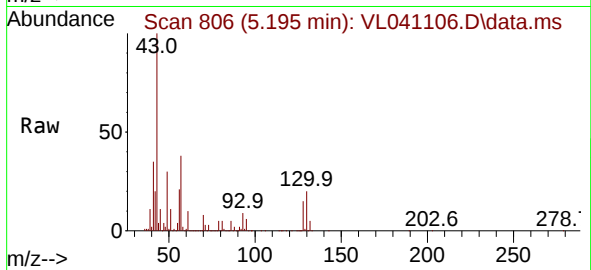
#25
Ethyl Acetate
Concen: 10.149 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 43 Resp: 277825
Ion Ratio Lower Upper
43 100
45 10.4 8.2 12.2
61 9.7 8.2 12.2
70 6.7 5.5 8.3

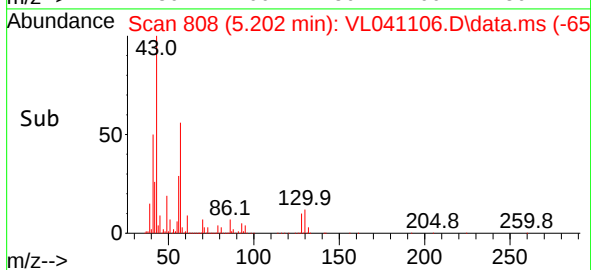
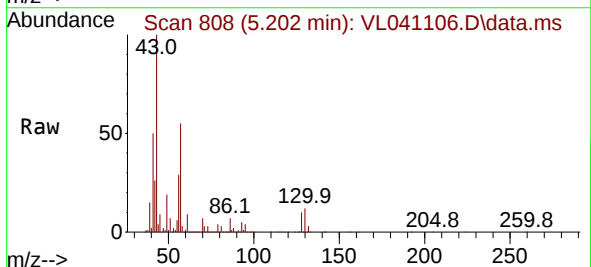
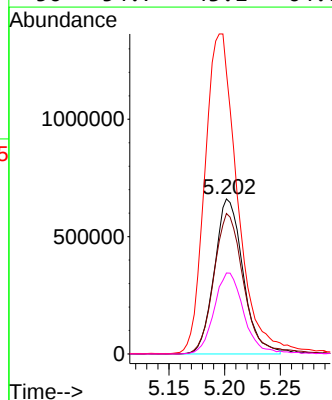
Manual Integrations
APPROVED

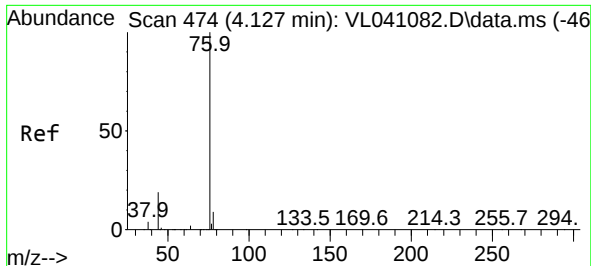
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#26
Hexane
Concen: 9.643 ppbv
RT: 5.202 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

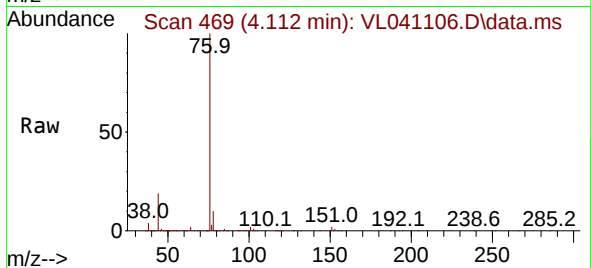
Tgt Ion: 57 Resp: 1179829
Ion Ratio Lower Upper
57 100
41 95.8 73.8 110.6
43 237.2 184.2 276.2
56 54.7 43.1 64.7





#27
Carbon Disulfide
Concen: 10.210 ppbv
RT: 4.112 min Scan# 40
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

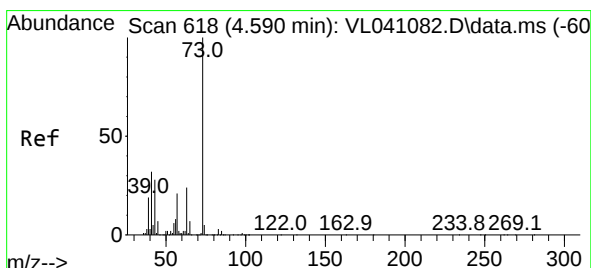
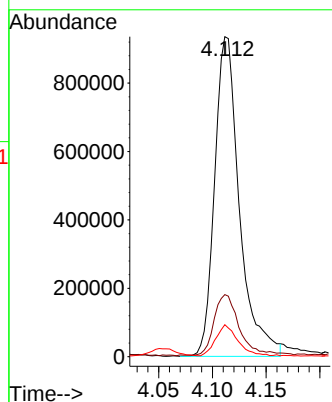
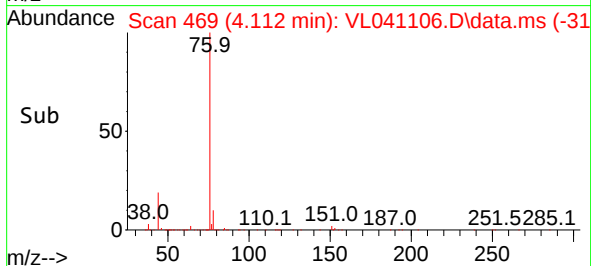
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



Tgt Ion: 76 Resp: 1497504
Ion Ratio Lower Upper
76 100
44 20.3 16.0 24.0
78 9.8 7.5 11.3

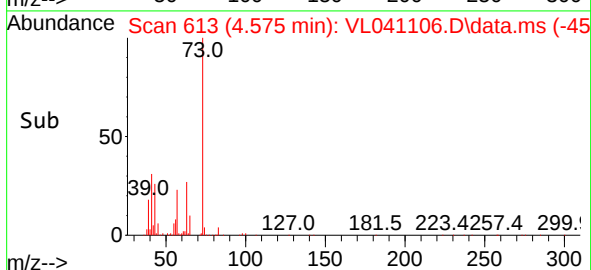
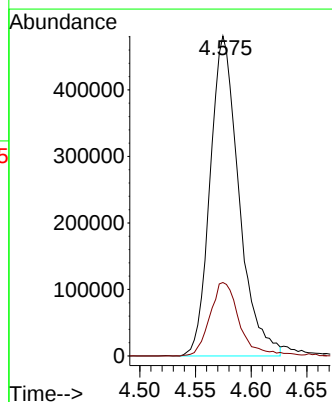
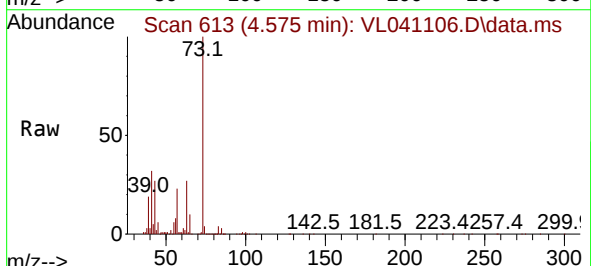
Manual Integrations
APPROVED

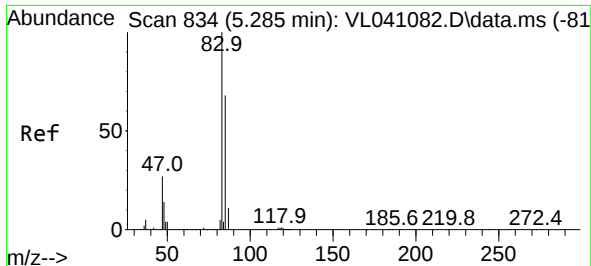
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#28
Methyl tert-Butyl Ether
Concen: 8.006 ppbv
RT: 4.575 min Scan# 613
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 73 Resp: 866117
Ion Ratio Lower Upper
73 100
57 23.9 18.2 27.4





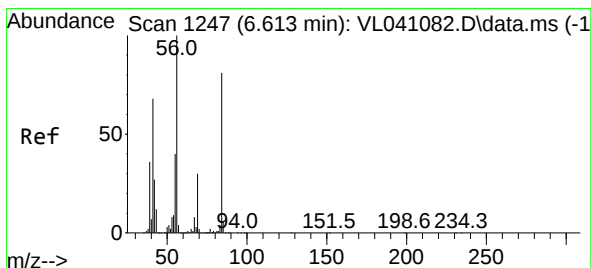
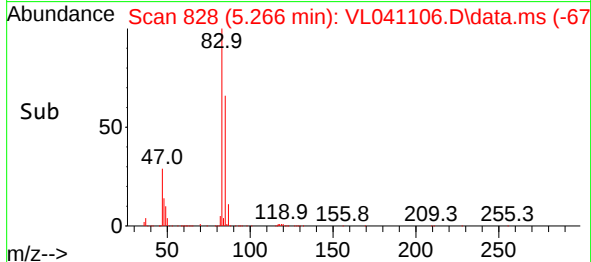
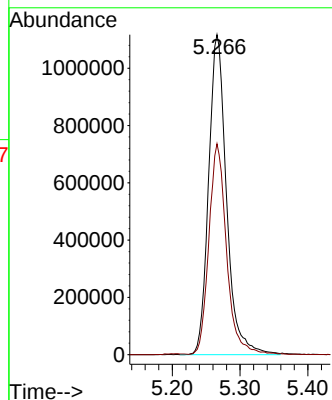
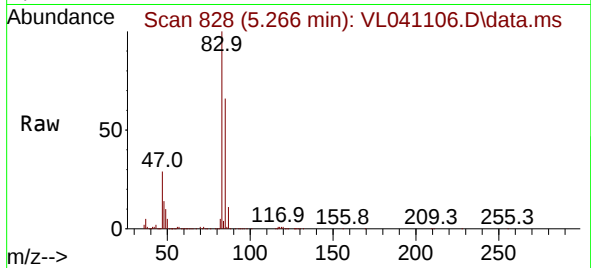
#29
Chloroform
Concen: 9.816 ppbv
RT: 5.266 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 83 Resp: 204528
Ion Ratio Lower Upper
83 100
85 65.7 54.6 82.0

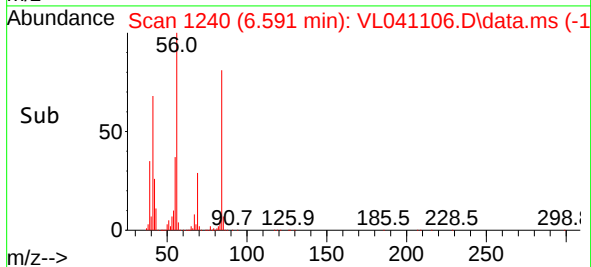
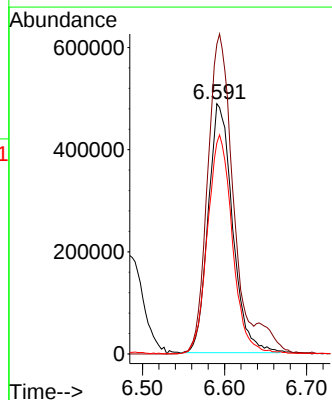
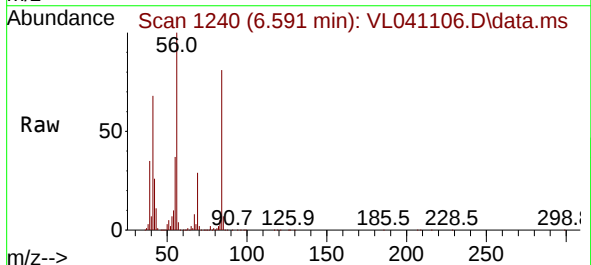
Manual Integrations
APPROVED

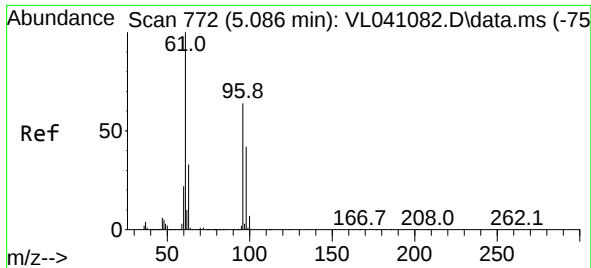
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#30
Cyclohexane
Concen: 9.939 ppbv
RT: 6.591 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

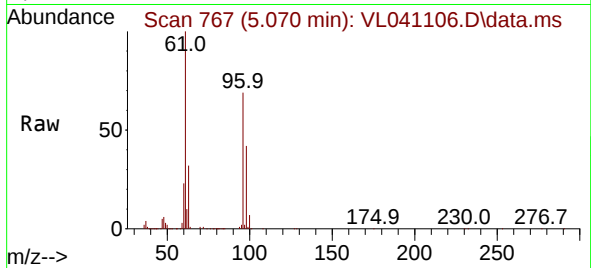
Tgt Ion: 84 Resp: 1007715
Ion Ratio Lower Upper
84 100
56 140.0 110.4 165.6
41 90.0 70.6 105.8





#31
 cis-1,2-Dichloroethene
 Concen: 10.140 ppbv
 RT: 5.070 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

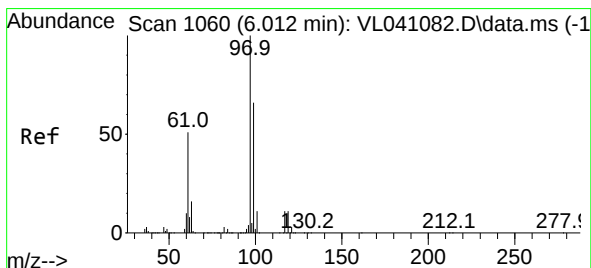
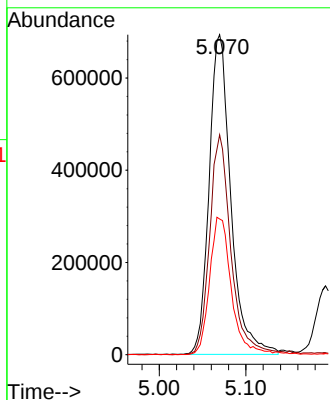
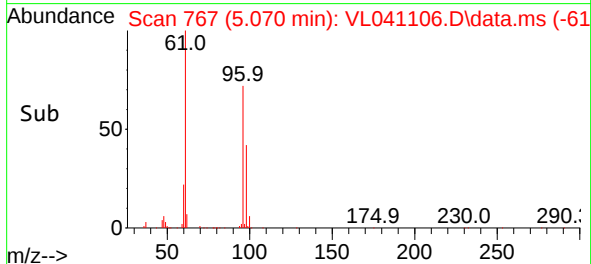
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01



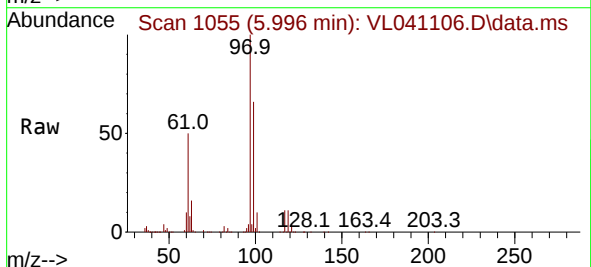
Tgt Ion: 61 Resp: 1207710
 Ion Ratio Lower Upper
 61 100
 96 68.7 51.2 76.8
 98 42.4 33.4 50.0

Manual Integrations
 APPROVED

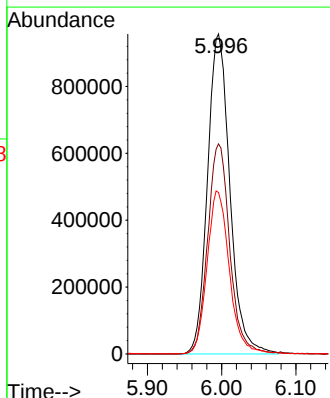
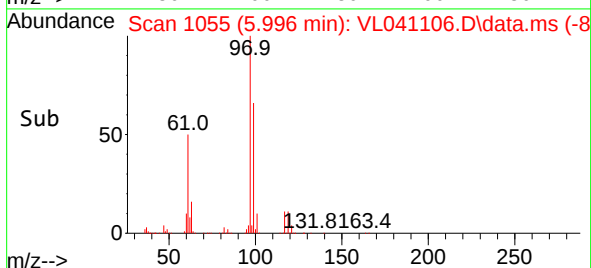
Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

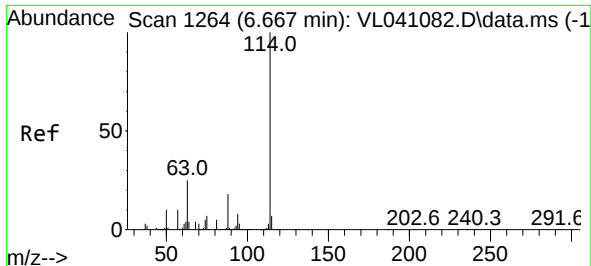


#32
 1,1,1-Trichloroethane
 Concen: 10.625 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. 0.003 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28



Tgt Ion: 97 Resp: 2004912
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.4 78.6
 61 51.0 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion:114 Resp: 3377968

Ion Ratio Lower Upper

114 100

63 26.0 21.0 31.6

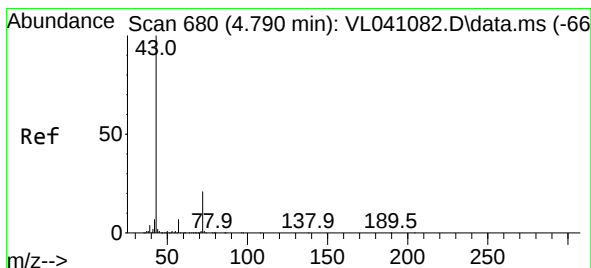
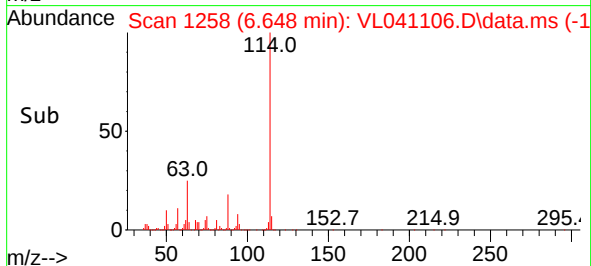
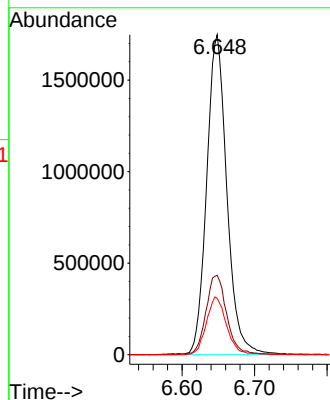
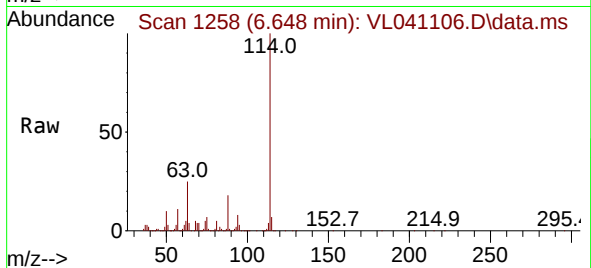
88 18.1 14.6 22.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#34

2-Butanone

Concen: 8.317 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.000 min

Lab File: VL041106.D

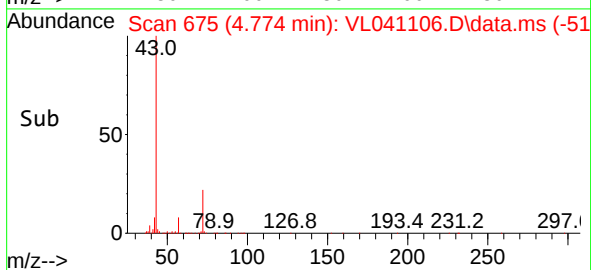
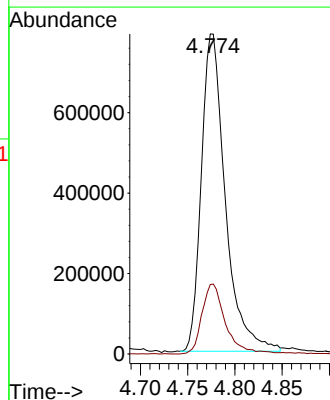
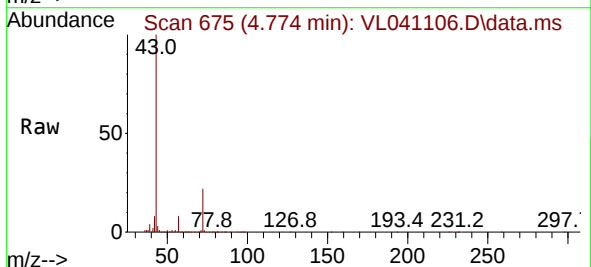
Acq: 14 Mar 2024 14:28

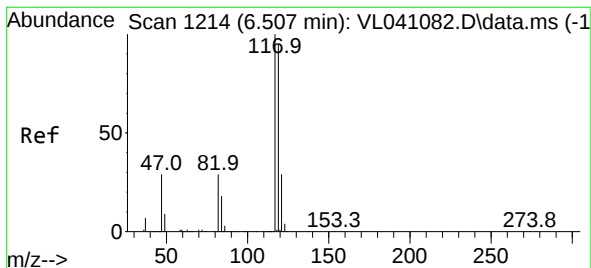
Tgt Ion: 43 Resp: 1391077

Ion Ratio Lower Upper

43 100

72 22.0 17.4 26.0





#35

Carbon Tetrachloride

Concen: 10.735 ppbv

RT: 6.488 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VL041106.D

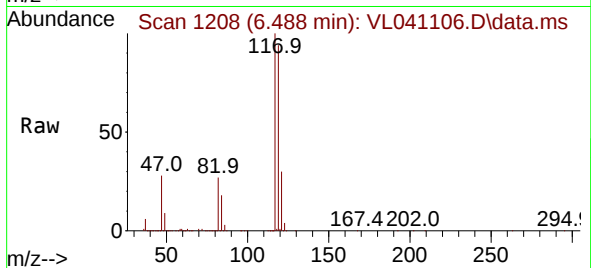
Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01



Tgt Ion: 117 Resp: 2119134

Ion Ratio Lower Upper

117 100

119 94.1 75.6 113.4

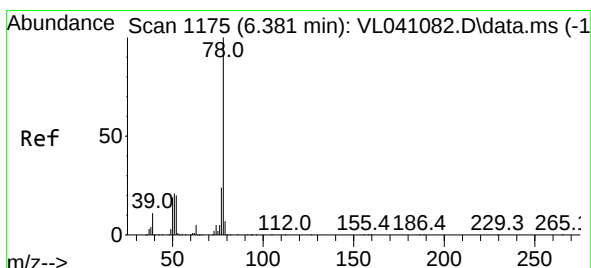
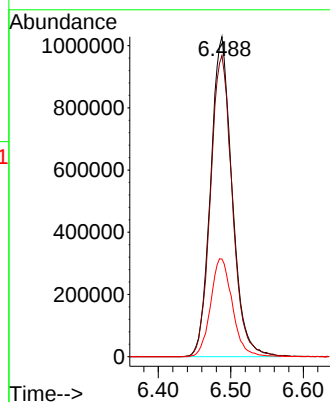
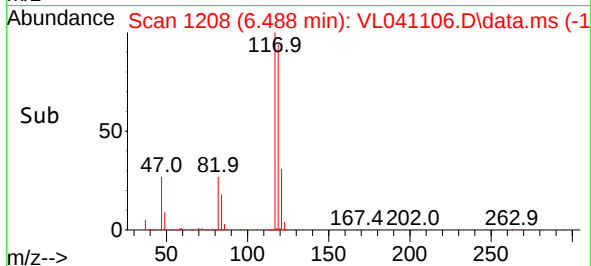
121 30.5 23.4 35.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#36

Benzene

Concen: 10.178 ppbv

RT: 6.362 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

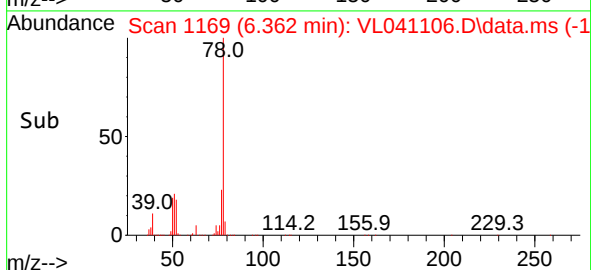
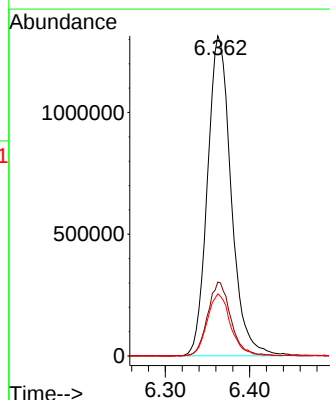
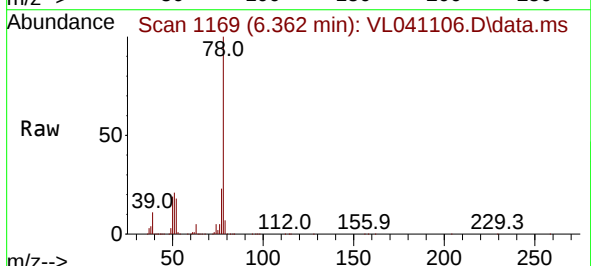
Tgt Ion: 78 Resp: 2559214

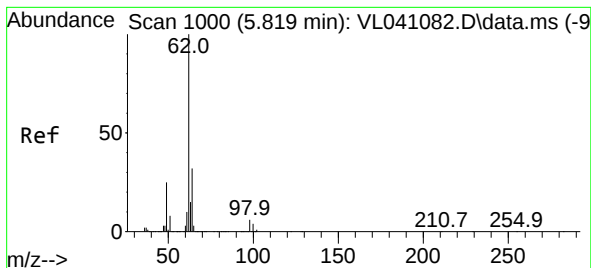
Ion Ratio Lower Upper

78 100

77 23.1 18.8 28.2

50 19.4 15.5 23.3





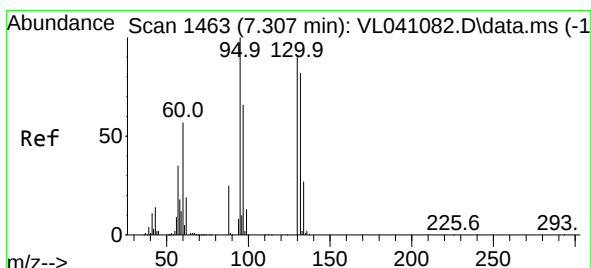
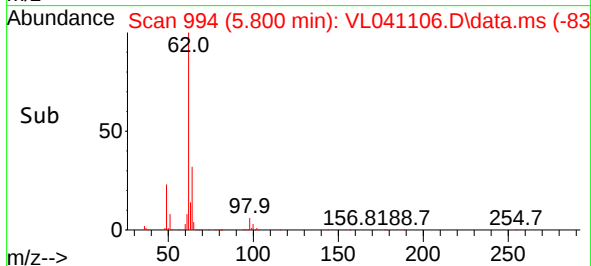
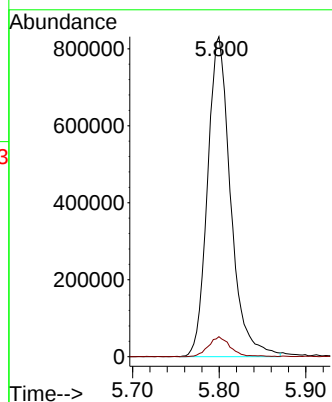
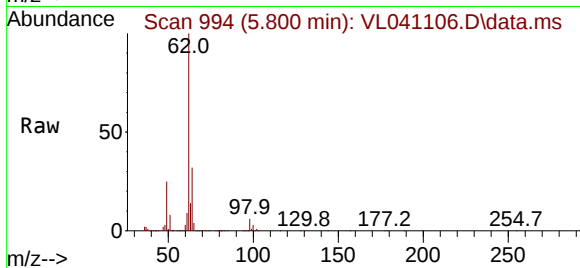
#37
1,2-Dichloroethane
Concen: 10.180 ppbv
RT: 5.800 min Scan# 994
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 62 Resp: 1540049
Ion Ratio Lower Upper
62 100
98 6.0 4.6 6.8

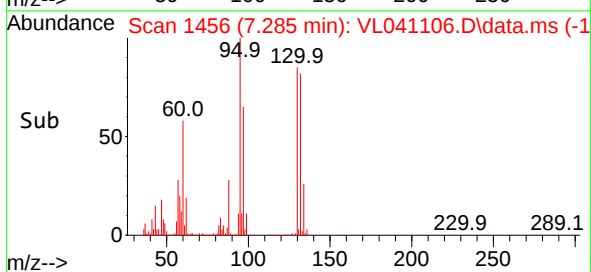
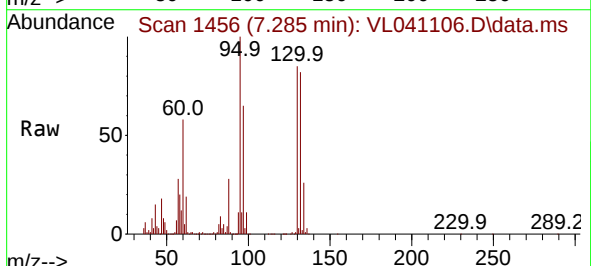
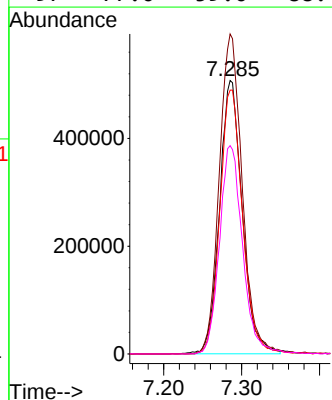
Manual Integrations
APPROVED

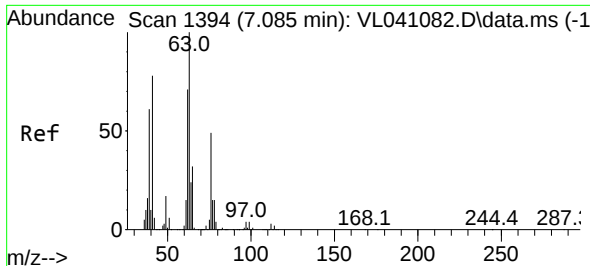
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#38
Trichloroethene
Concen: 11.227 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion:130 Resp: 1025303
Ion Ratio Lower Upper
130 100
95 118.1 88.8 133.2
132 97.5 73.0 109.4
97 77.0 59.0 88.4





#39

1,2-Dichloropropane

Concen: 9.967 ppbv

RT: 7.066 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion: 63 Resp: 100248

Ion Ratio Lower Upper

63 100

41 76.5 62.2 93.4

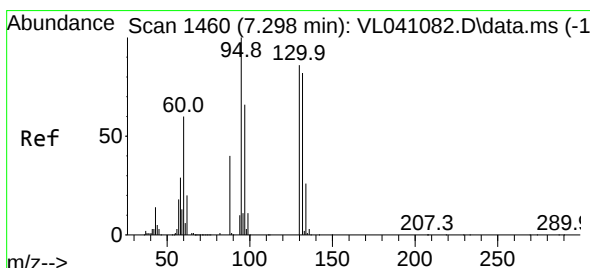
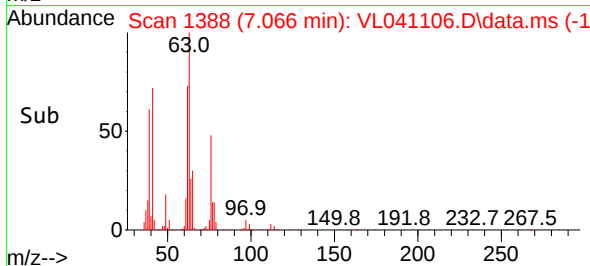
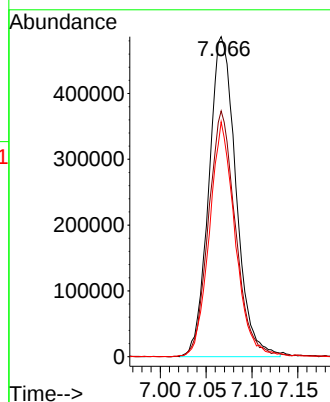
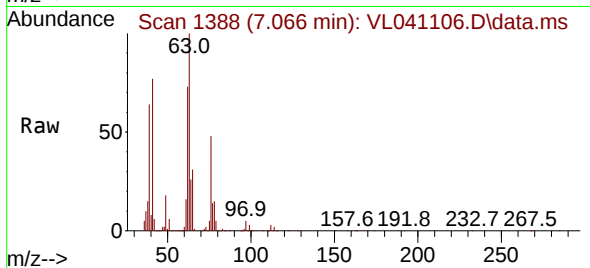
62 73.0 57.0 85.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#40

1,4-Dioxane

Concen: 10.357 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Tgt Ion: 88 Resp: 410147

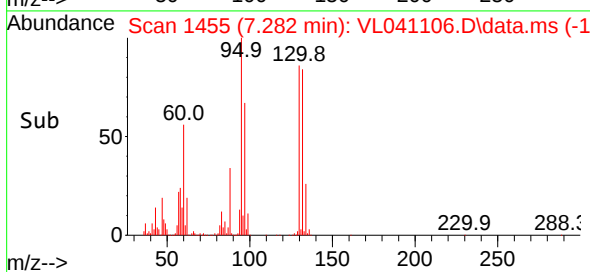
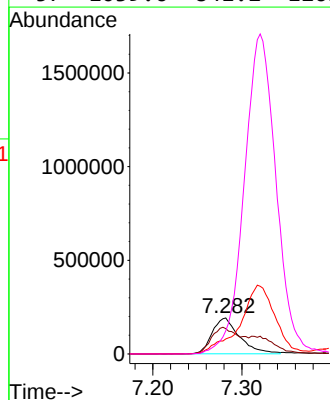
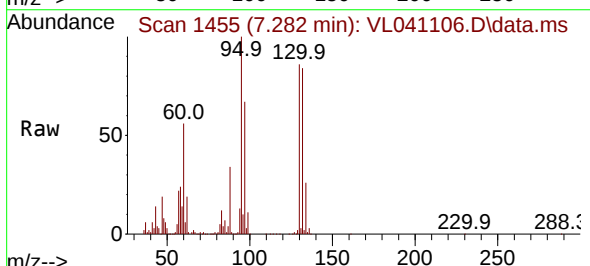
Ion Ratio Lower Upper

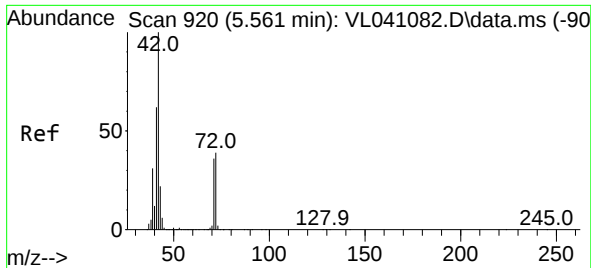
88 100

58 124.5 96.3 144.5

43 245.1 195.7 293.5

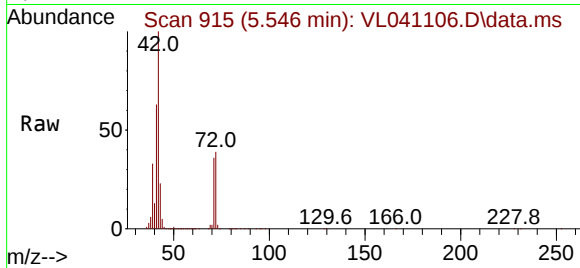
57 1039.6 841.2 1261.8





#41
Tetrahydrofuran
Concen: 10.475 ppbv
RT: 5.546 min Scan# 915
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

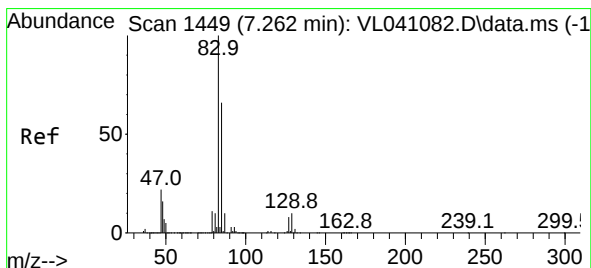
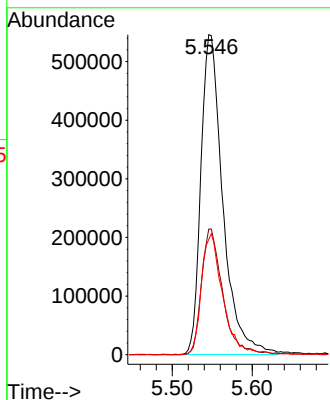
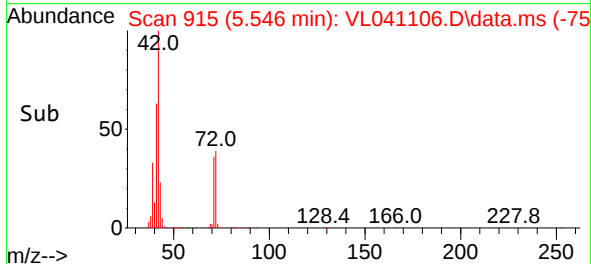
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



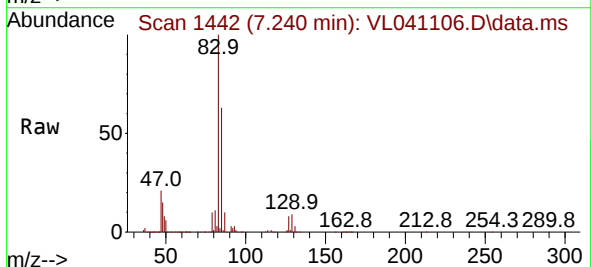
Tgt Ion: 42 Resp: 1042720
Ion Ratio Lower Upper
42 100
72 38.5 30.7 46.1
71 37.0 29.6 44.4

Manual Integrations
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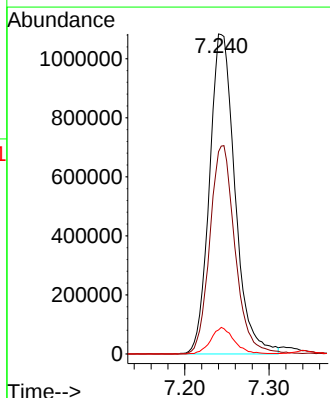
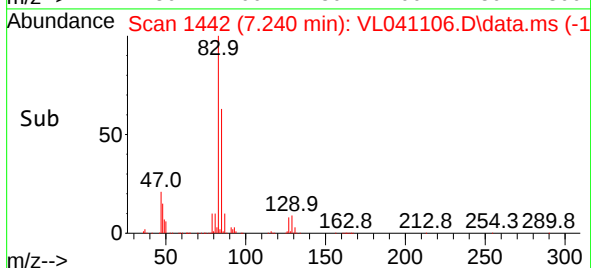
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

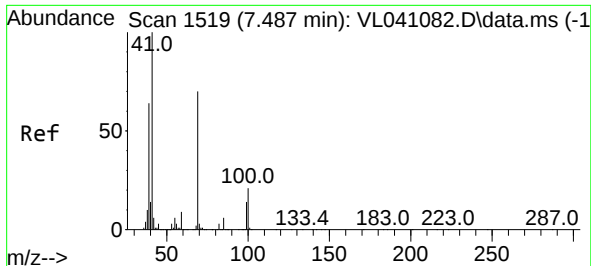


#42
Bromodichloromethane
Concen: 10.505 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28



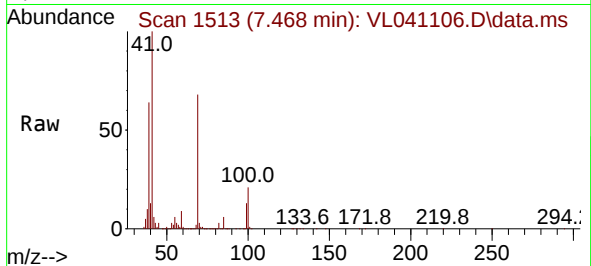
Tgt Ion: 83 Resp: 2276797
Ion Ratio Lower Upper
83 100
85 63.2 53.1 79.7
127 7.5 6.2 9.4





#43
Methyl Methacrylate
Concen: 10.988 ppbv
RT: 7.468 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

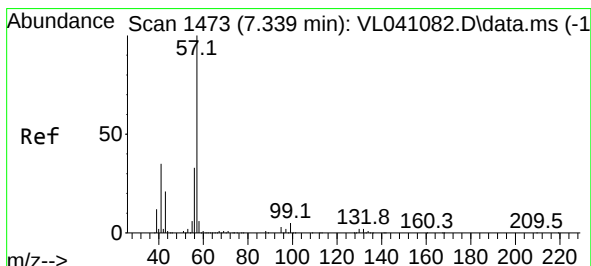
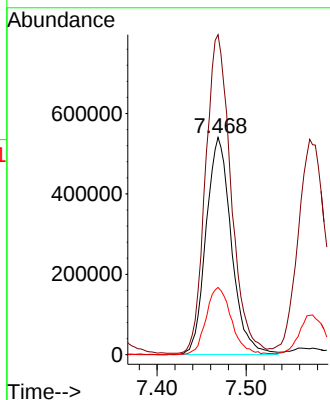
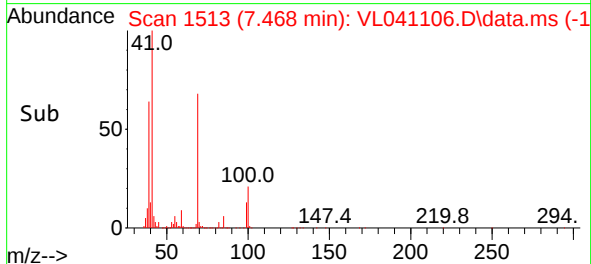
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



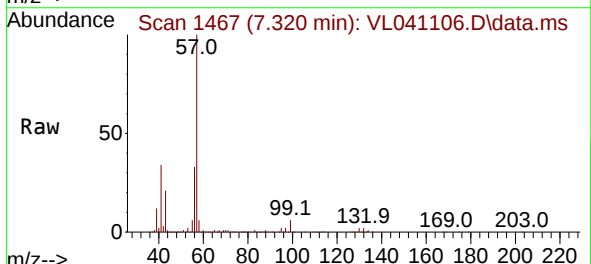
Tgt Ion: 69 Resp: 1068730
Ion Ratio Lower Upper
69 100
41 148.6 118.2 177.4
100 31.0 24.8 37.2

Manual Integrations
APPROVED

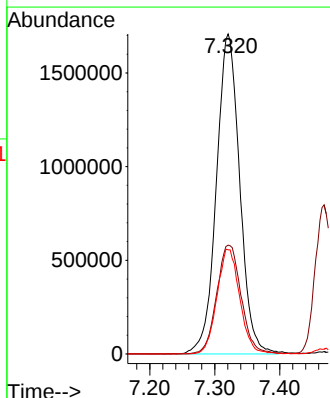
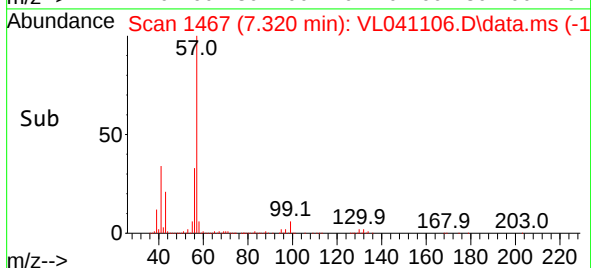
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

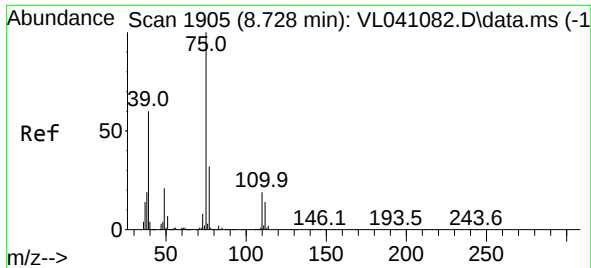


#44
2,2,4-Trimethylpentane
Concen: 10.125 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28



Tgt Ion: 57 Resp: 4251410
Ion Ratio Lower Upper
57 100
41 35.7 28.0 42.0
56 32.1 25.7 38.5





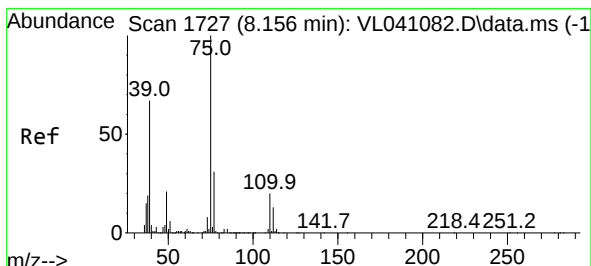
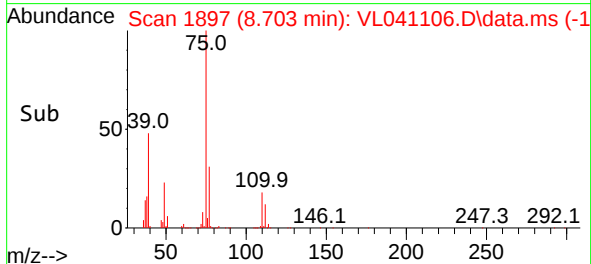
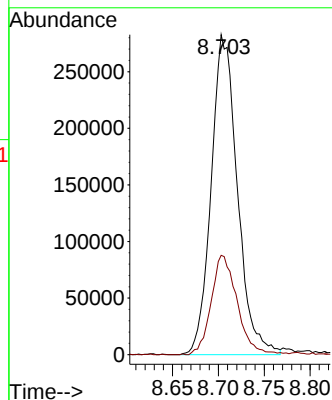
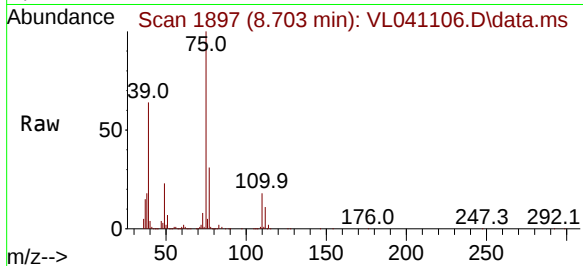
#45
t-1,3-Dichloropropene
Concen: 8.413 ppbv
RT: 8.703 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 75 Resp: 563224
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9

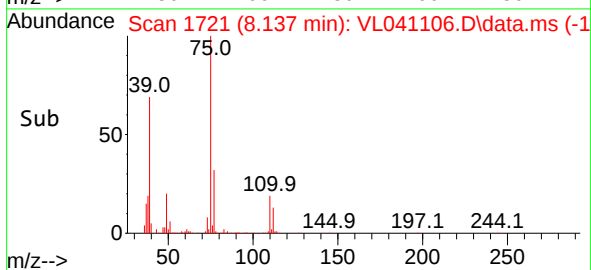
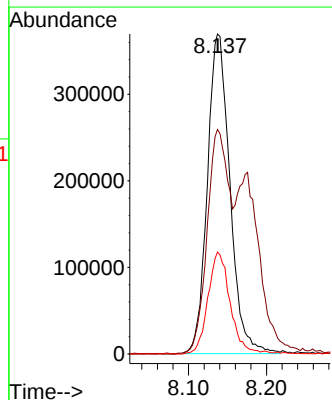
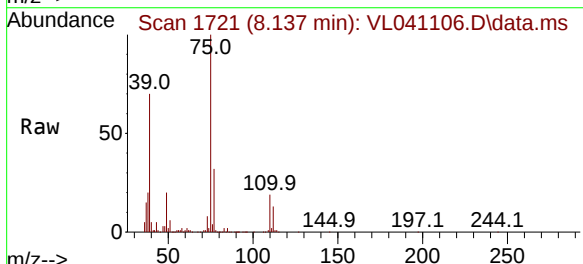
Manual Integrations
APPROVED

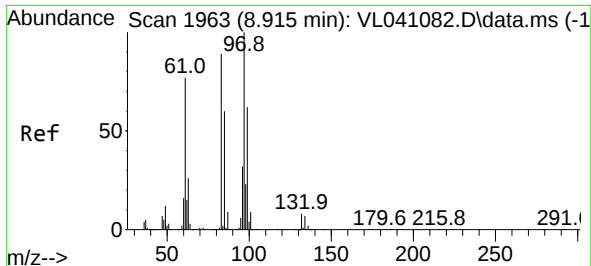
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#46
cis-1,3-Dichloropropene
Concen: 8.846 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 75 Resp: 743787
Ion Ratio Lower Upper
75 100
39 69.9 53.3 79.9
77 31.9 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.289 ppbv

RT: 8.893 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VL041106.D

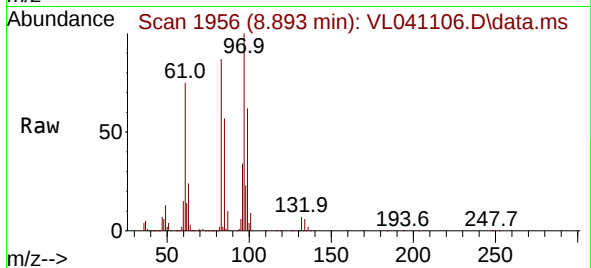
Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01



Tgt Ion: 97 Resp: 110386

Ion Ratio Lower Upper

97 100

83 87.2 71.1 106.7

85 56.6 48.2 72.2

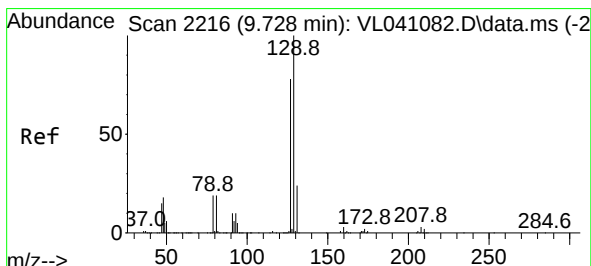
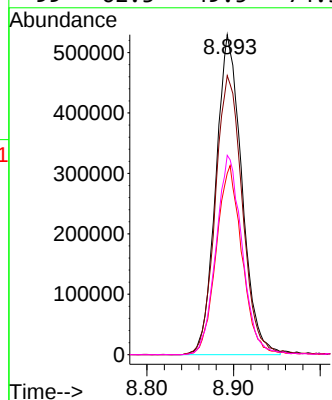
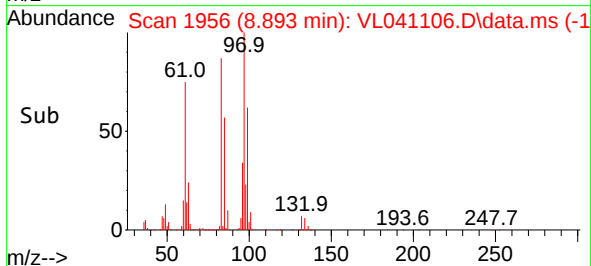
99 62.3 49.5 74.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#48

Dibromochloromethane

Concen: 10.826 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. 0.006 min

Lab File: VL041106.D

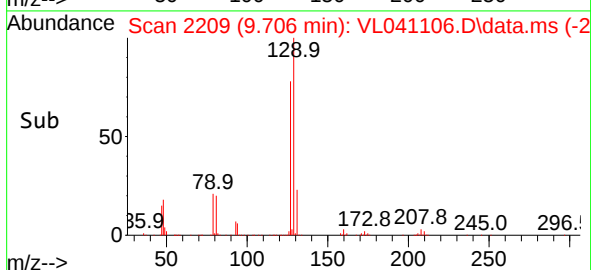
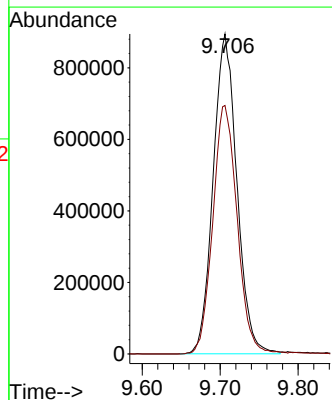
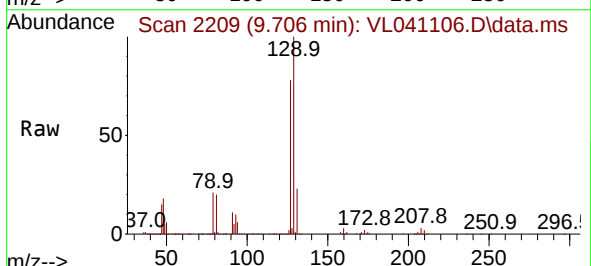
Acq: 14 Mar 2024 14:28

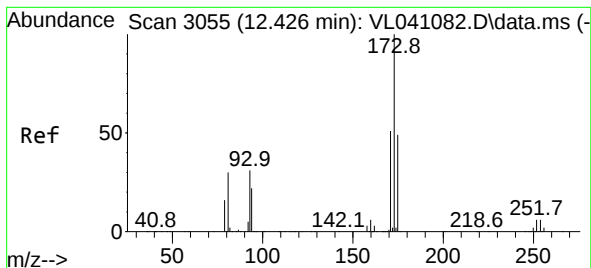
Tgt Ion:129 Resp: 1893112

Ion Ratio Lower Upper

129 100

127 79.7 39.6 118.8





#49

Bromoform

Concen: 11.086 ppbv

RT: 12.404 min Scan# 3055

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion:173 Resp: 1541938

Ion Ratio Lower Upper

173 100

175 50.5 39.0 58.6

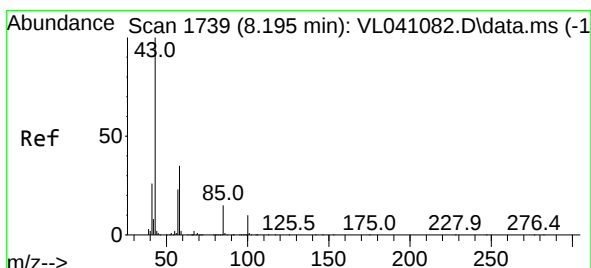
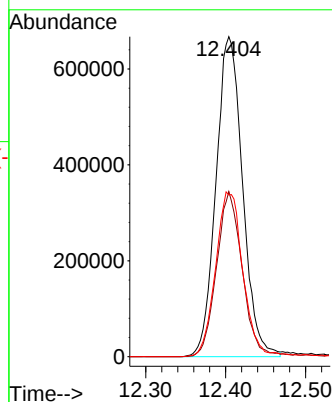
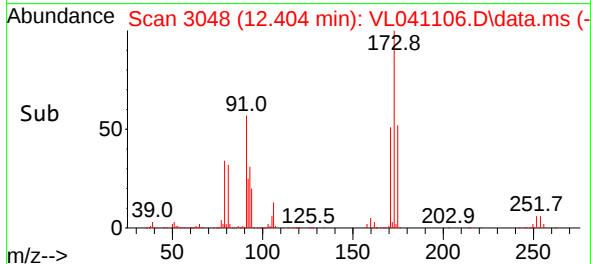
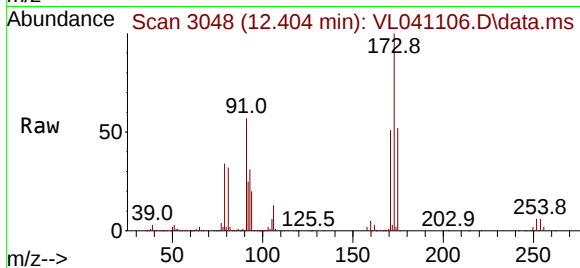
171 53.9 41.8 62.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#50

4-Methyl-2-Pentanone

Concen: 11.165 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. 0.006 min

Lab File: VL041106.D

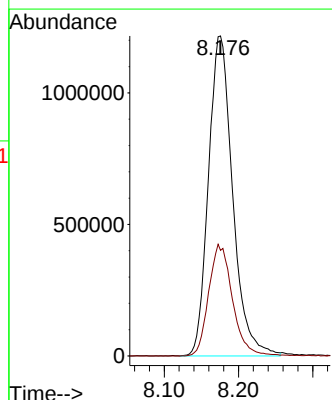
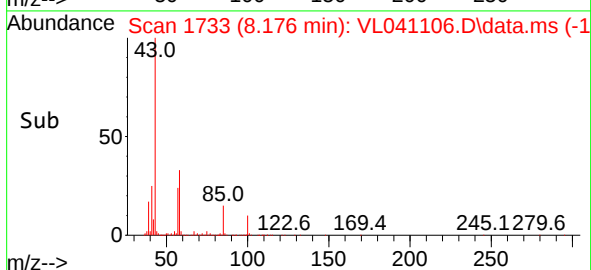
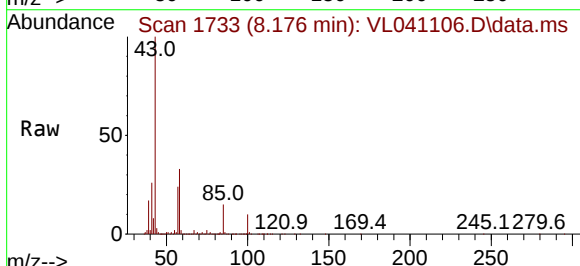
Acq: 14 Mar 2024 14:28

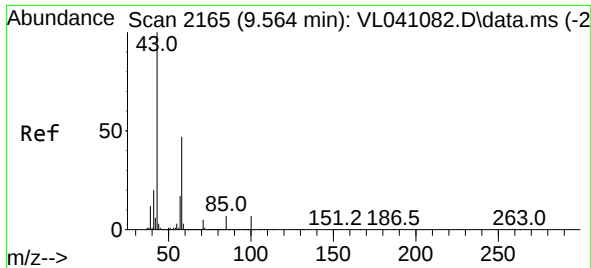
Tgt Ion: 43 Resp: 2754212

Ion Ratio Lower Upper

43 100

58 34.3 28.3 42.5





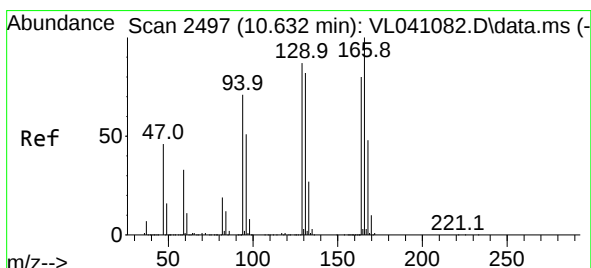
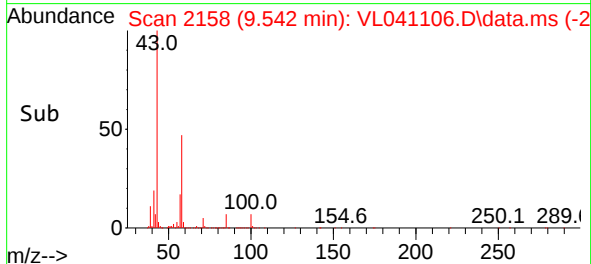
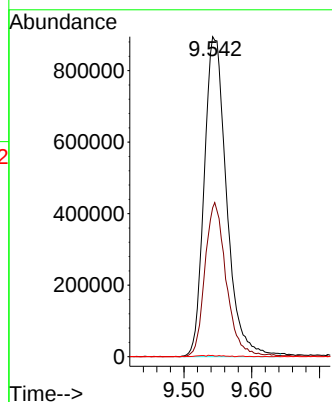
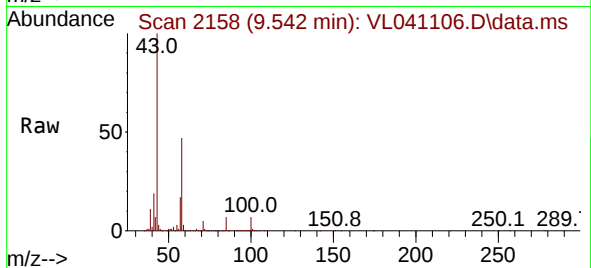
#51
2-Hexanone
Concen: 11.377 ppbv
RT: 9.542 min Scan# 2165
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 43 Resp: 205564
Ion Ratio Lower Upper
43 100
58 46.3 37.4 56.2
98 0.4 0.4 0.6

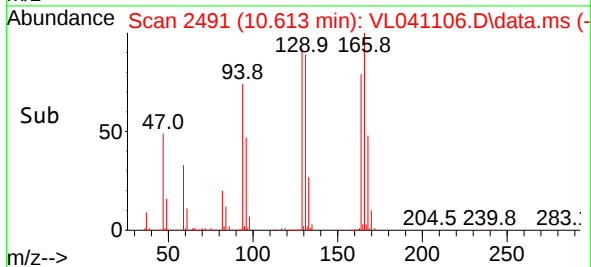
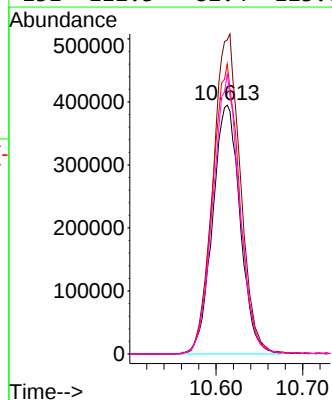
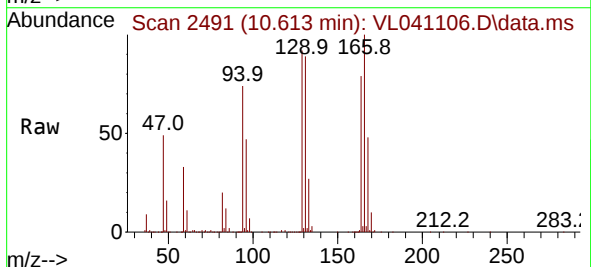
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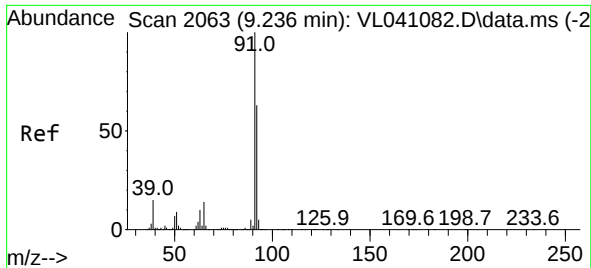
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#52
Tetrachloroethene
Concen: 11.170 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion:164 Resp: 871172
Ion Ratio Lower Upper
164 100
166 126.0 100.6 150.8
129 116.4 87.2 130.8
131 112.3 82.4 123.6





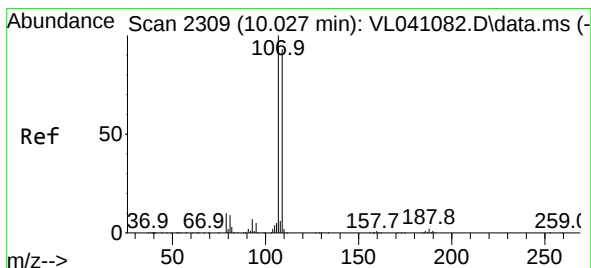
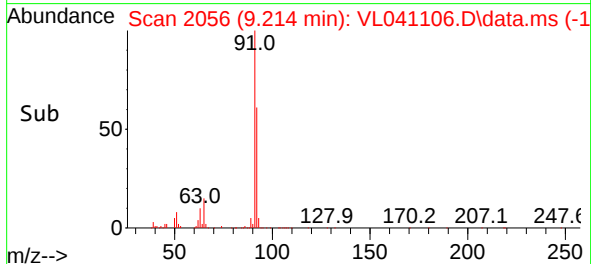
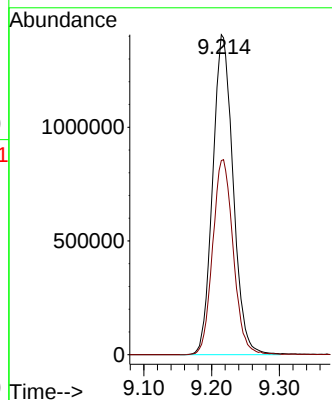
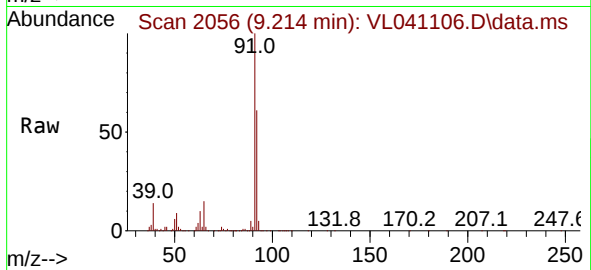
#53
Toluene
Concen: 10.863 ppbv
RT: 9.214 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 91 Resp: 2944328
Ion Ratio Lower Upper
91 100
92 61.5 48.9 73.3

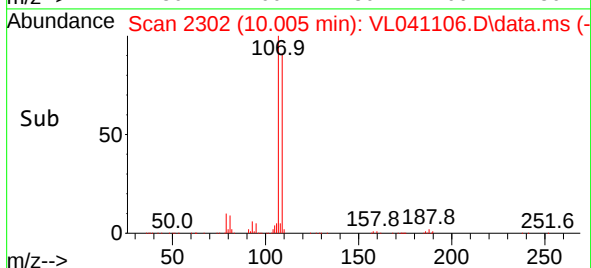
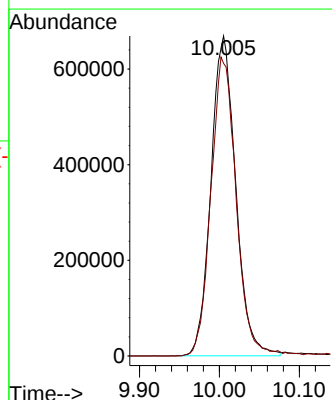
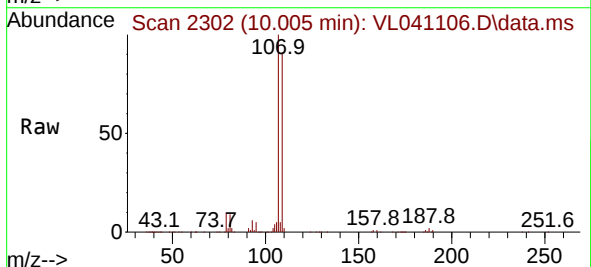
Manual Integrations
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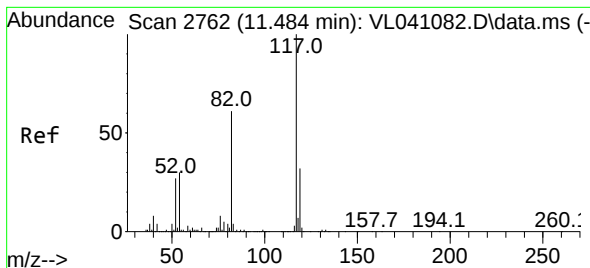
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#54
1,2-Dibromoethane
Concen: 10.440 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.006 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

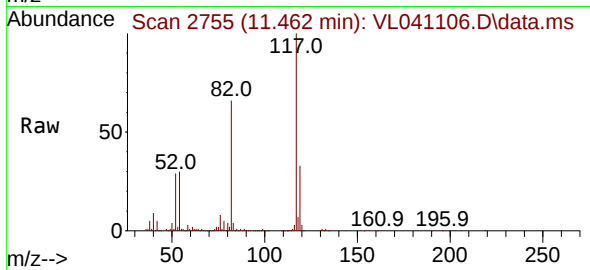
Tgt Ion:107 Resp: 1440451
Ion Ratio Lower Upper
107 100
109 91.5 74.4 111.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.462 min Scan# 2762
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

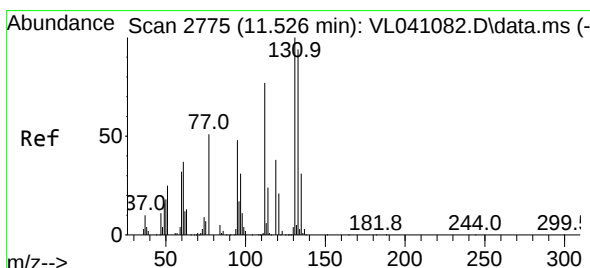
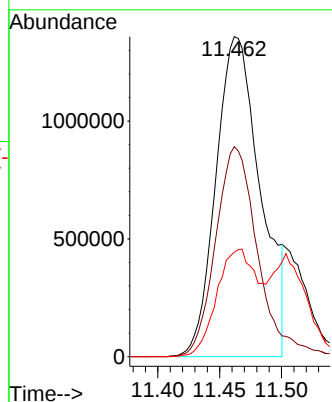
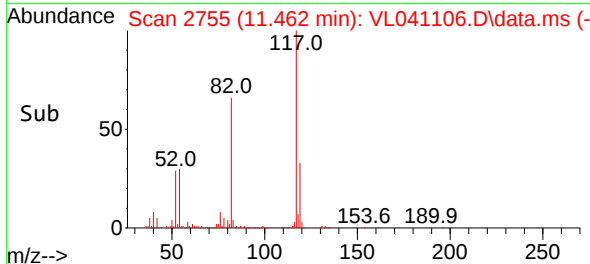
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



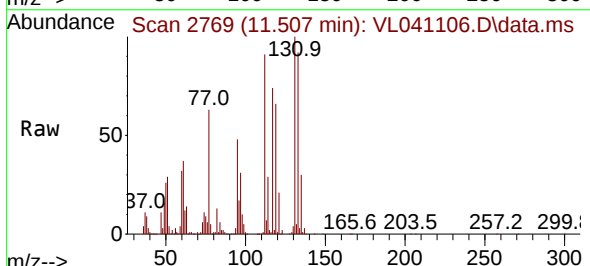
Tgt Ion:117 Resp: 340533
Ion Ratio Lower Upper
117 100
82 62.6 51.4 77.2
119 28.1 23.7 35.5

Manual Integrations
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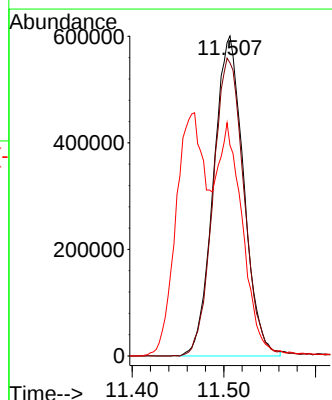
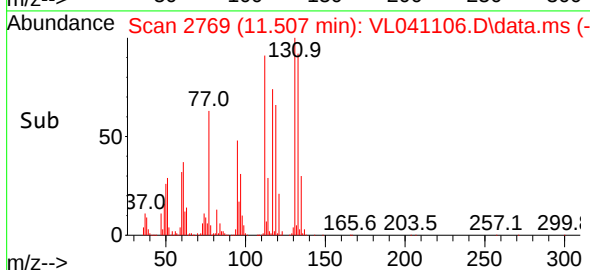
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

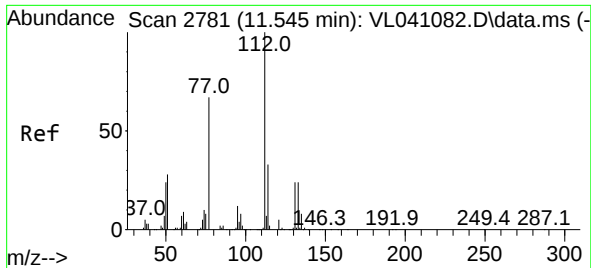


#56
1,1,1,2-Tetrachloroethane
Concen: 9.402 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.010 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28



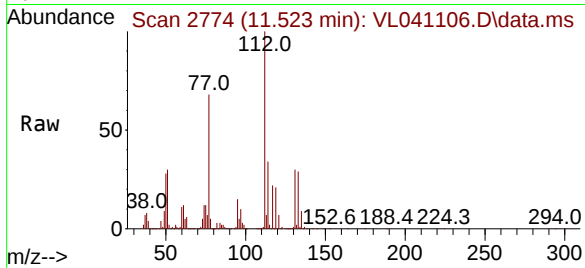
Tgt Ion:131 Resp: 1369875
Ion Ratio Lower Upper
131 100
133 96.4 76.1 114.1
119 71.6 51.1 76.7





#57
Chlorobenzene
Concen: 9.497 ppbv
RT: 11.523 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

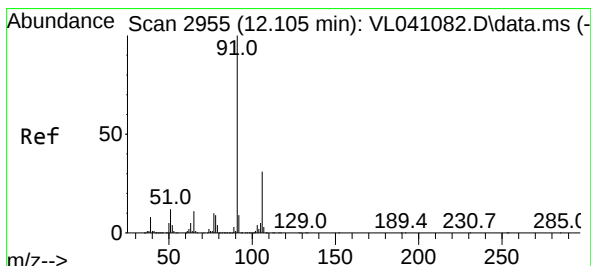
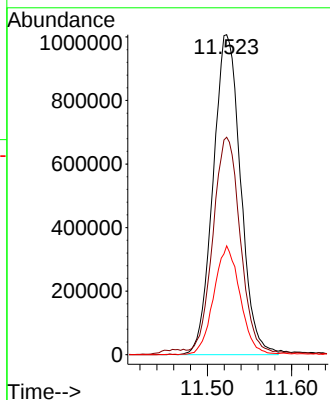
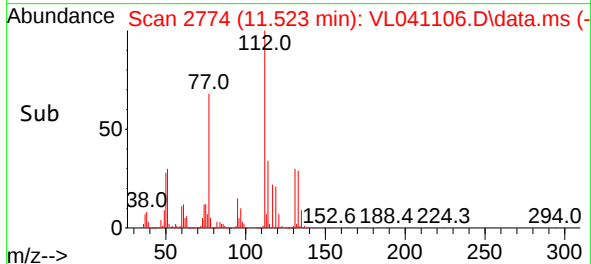
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



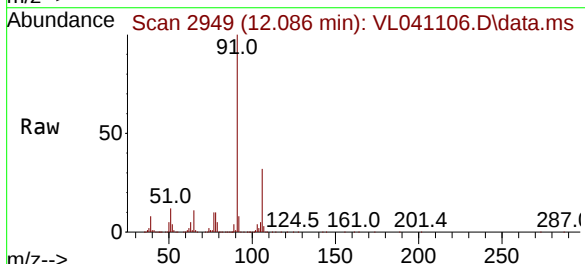
Tgt Ion:112 Resp: 227966
Ion Ratio Lower Upper
112 100
77 67.1 54.6 81.8
114 33.9 29.4 36.0

Manual Integrations
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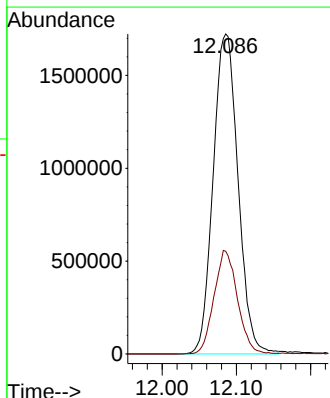
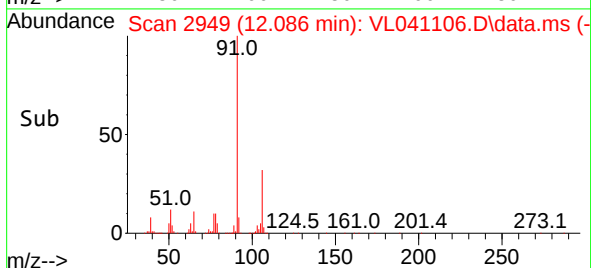
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

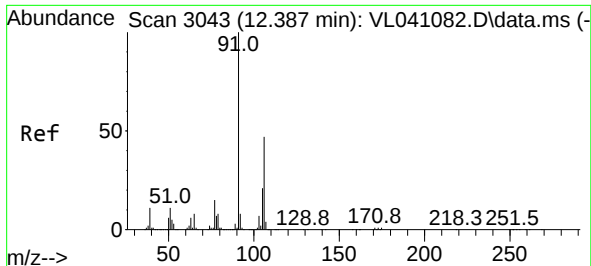


#58
Ethyl Benzene
Concen: 10.073 ppbv
RT: 12.086 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28



Tgt Ion: 91 Resp: 4015812
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8





#59

m/p-Xylene

Concen: 19.799 ppbv m

RT: 12.368 min Scan# 3043

Delta R.T. 0.006 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion: 91 Resp: 692884

Ion Ratio Lower Upper

91 100

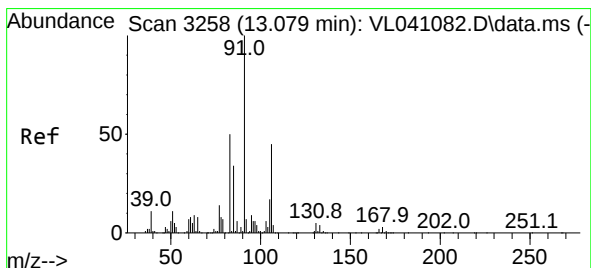
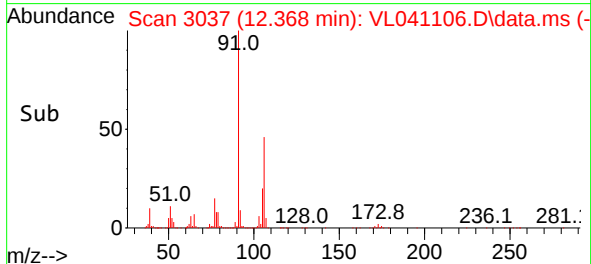
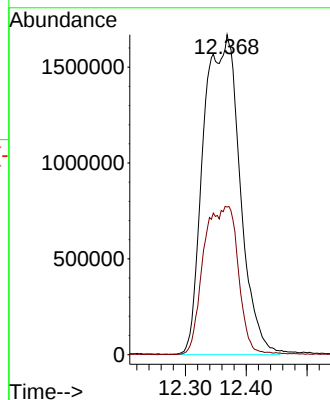
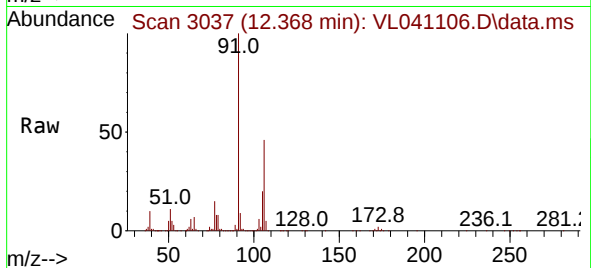
106 44.3 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#60

o-Xylene

Concen: 9.970 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VL041106.D

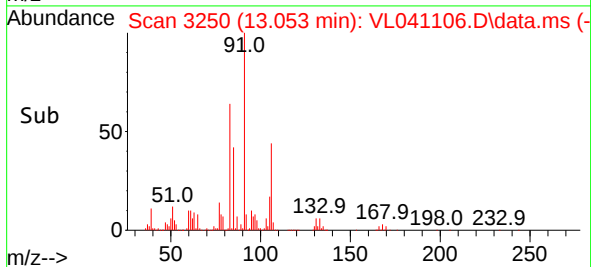
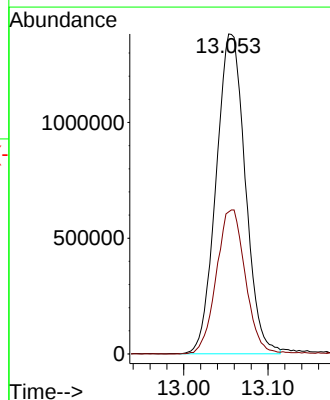
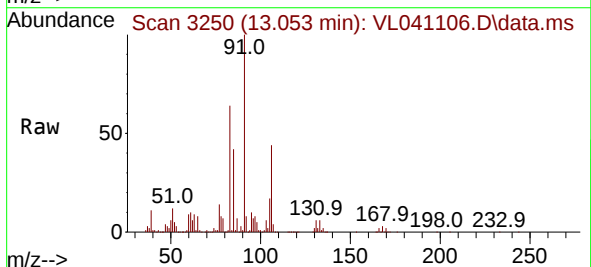
Acq: 14 Mar 2024 14:28

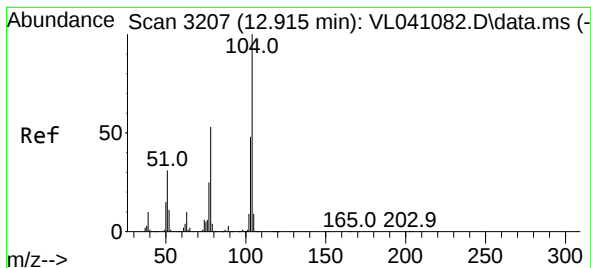
Tgt Ion: 91 Resp: 3312737

Ion Ratio Lower Upper

91 100

106 45.6 22.4 67.3





#61

Styrene

Concen: 11.146 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion:104 Resp: 167248

Ion Ratio Lower Upper

104 100

78 53.0 42.6 64.0

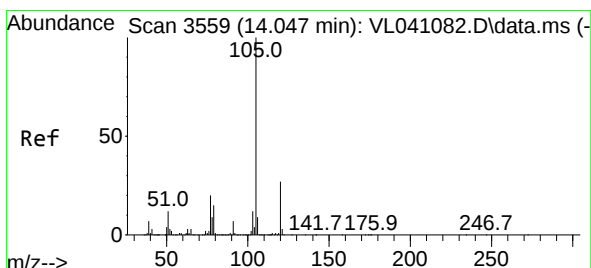
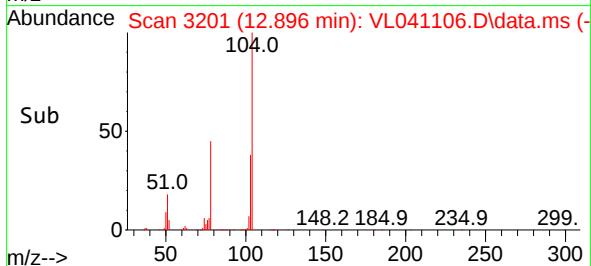
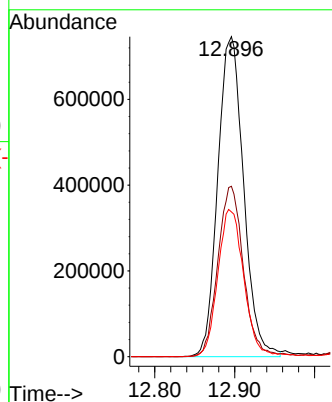
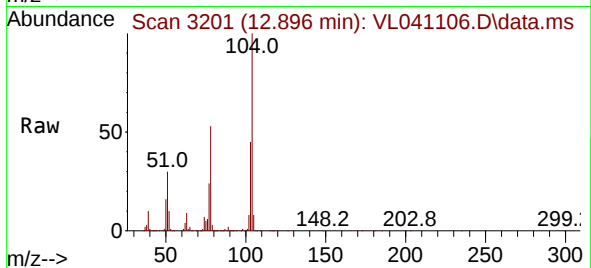
103 46.6 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#62

Isopropylbenzene

Concen: 9.745 ppbv

RT: 14.028 min Scan# 3553

Delta R.T. 0.006 min

Lab File: VL041106.D

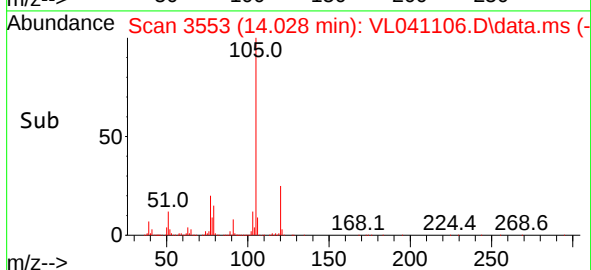
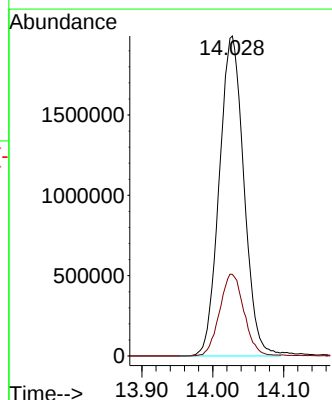
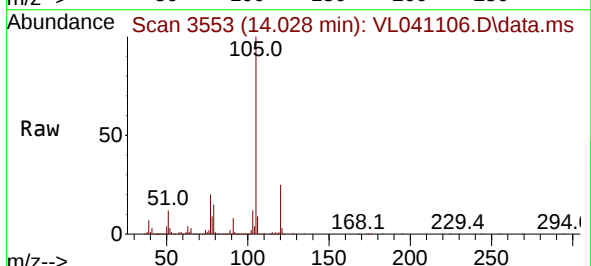
Acq: 14 Mar 2024 14:28

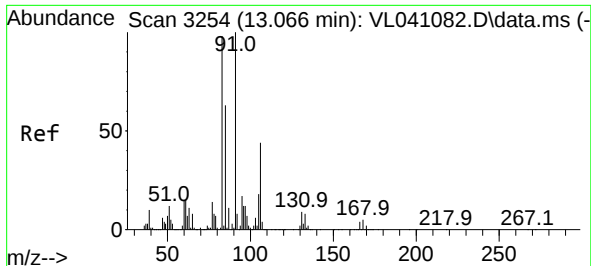
Tgt Ion:105 Resp: 4810334

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7





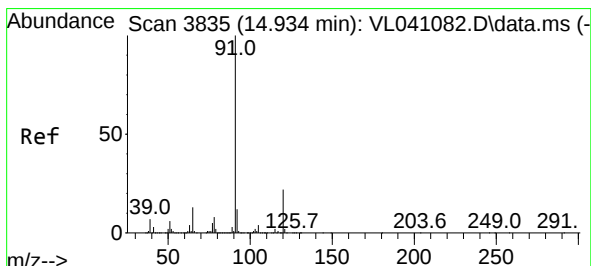
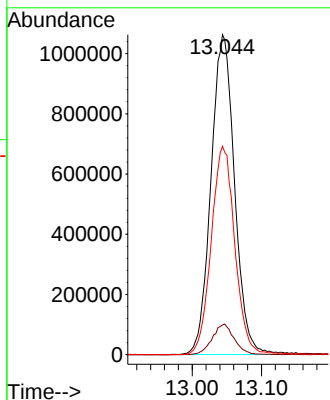
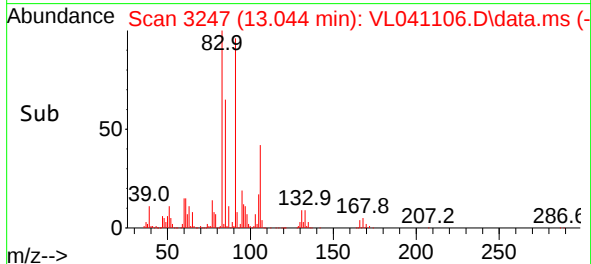
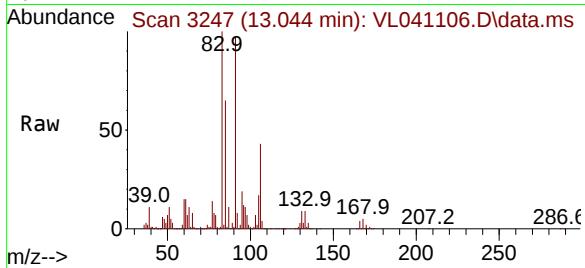
#63
1,1,2,2-Tetrachloroethane
Concen: 10.030 ppbv
RT: 13.044 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 83 Resp: 250513
Ion Ratio Lower Upper
83 100
131 9.0 4.7 14.0
85 65.6 32.7 98.1

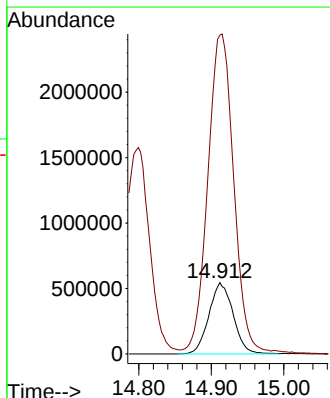
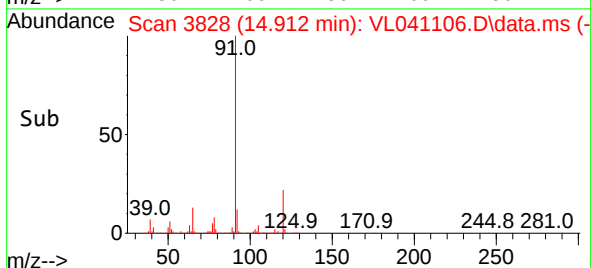
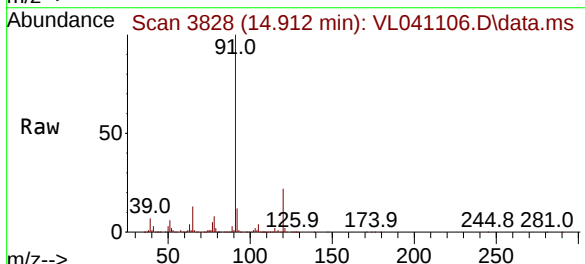
Manual Integrations
APPROVED

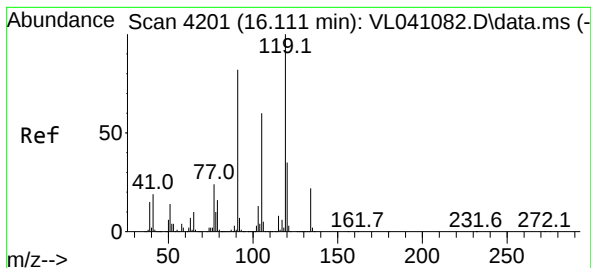
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#64
n-propylbenzene
Concen: 10.174 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.006 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion:120 Resp: 1263589
Ion Ratio Lower Upper
120 100
91 484.7 387.5 581.3





#65

tert-Butylbenzene

Concen: 9.876 ppbv

RT: 16.089 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion:119 Resp: 4237010

Ion Ratio Lower Upper

119 100

91 84.4 67.8 101.8

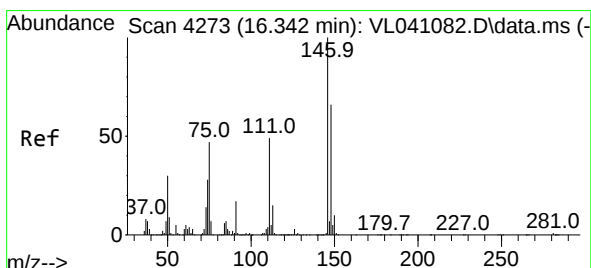
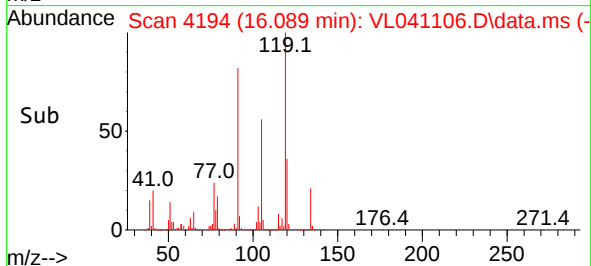
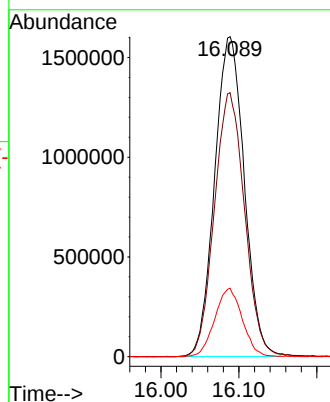
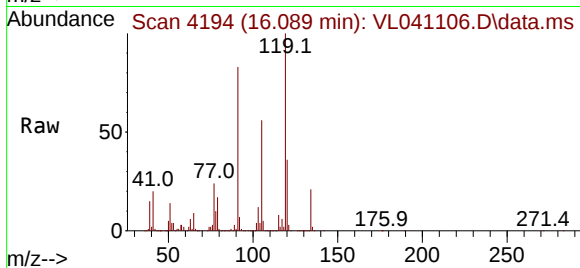
134 20.0 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#66

Benzyl Chloride

Concen: 6.653 ppbv m

RT: 16.326 min Scan# 4268

Delta R.T. 0.010 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

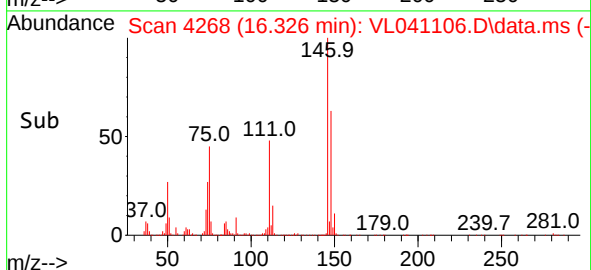
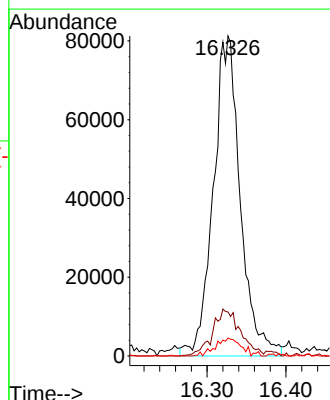
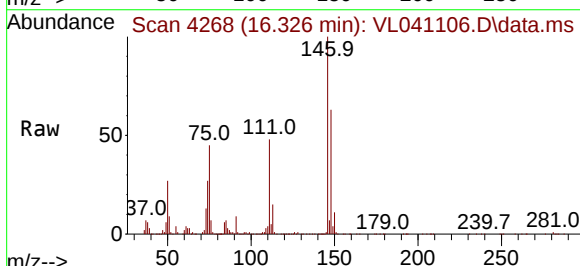
Tgt Ion: 91 Resp: 193371

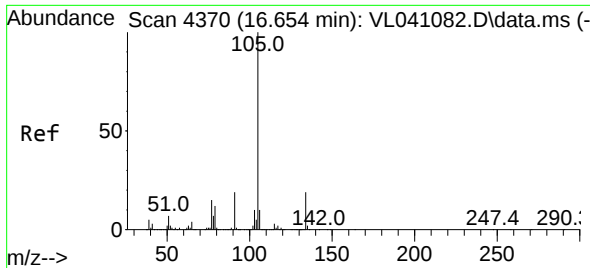
Ion Ratio Lower Upper

91 100

126 15.8 14.1 21.1

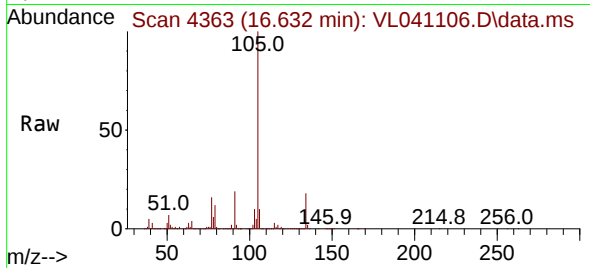
128 0.0 4.6 7.0#





#67
 sec-Butylbenzene
 Concen: 9.860 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

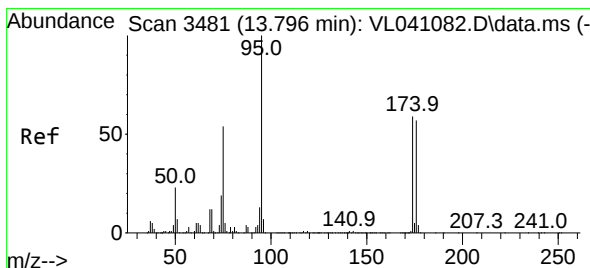
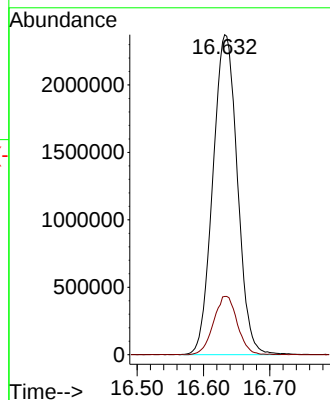
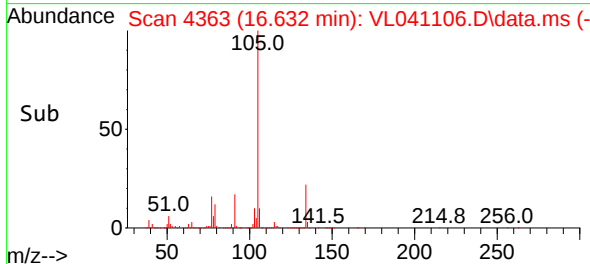
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01



Tgt Ion:105 Resp: 608483
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.3 21.5

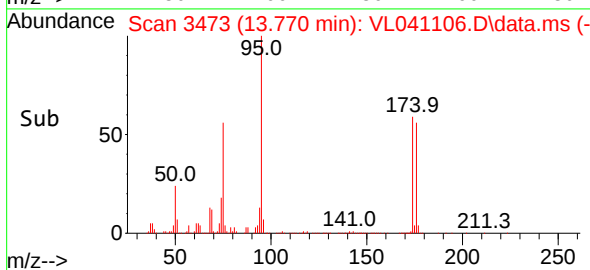
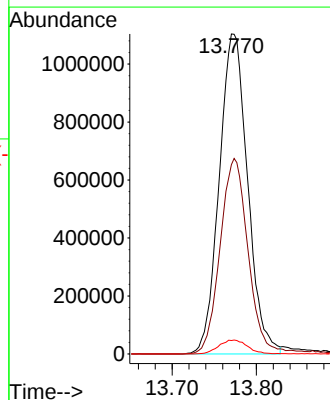
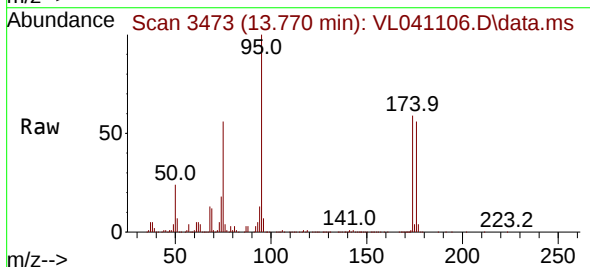
Manual Integrations
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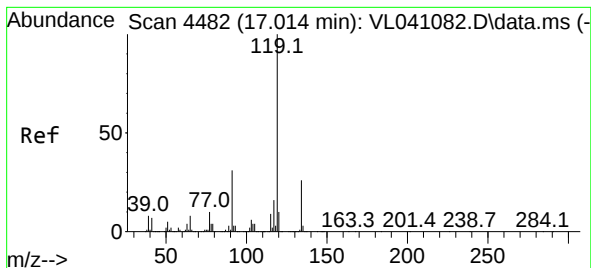
Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.695 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.006 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

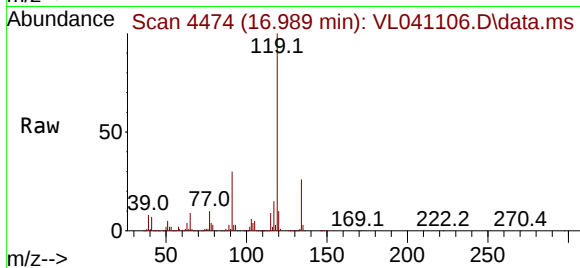
Tgt Ion: 95 Resp: 2581163
 Ion Ratio Lower Upper
 95 100
 174 60.8 47.8 71.8
 175 4.5 3.5 5.3





#69
p-Isopropyltoluene
Concen: 10.128 ppbv
RT: 16.989 min Scan# 4482
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

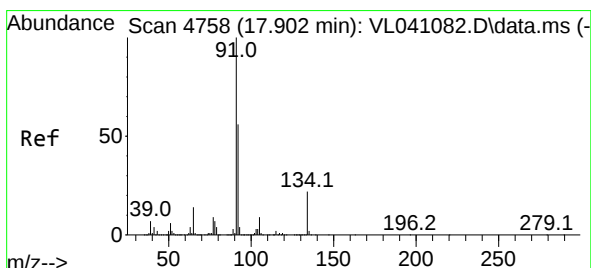
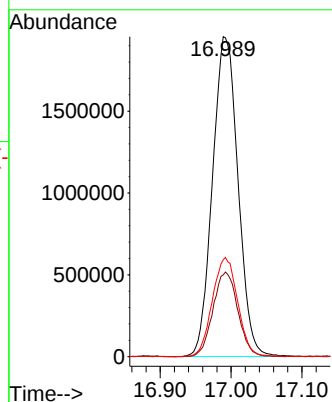
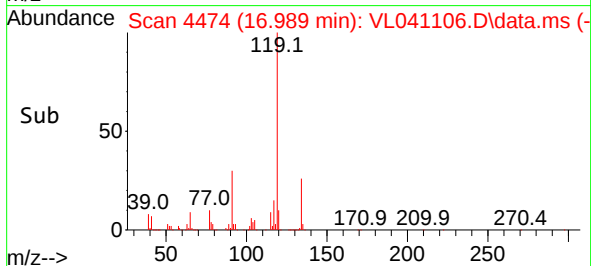
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



Tgt Ion:119 Resp: 4875362
Ion Ratio Lower Upper
119 100
134 26.1 20.6 30.8
91 31.0 24.7 37.1

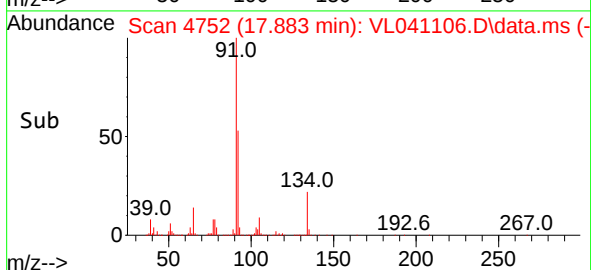
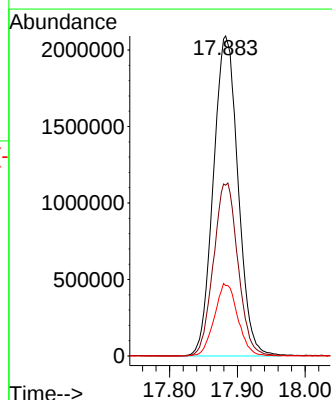
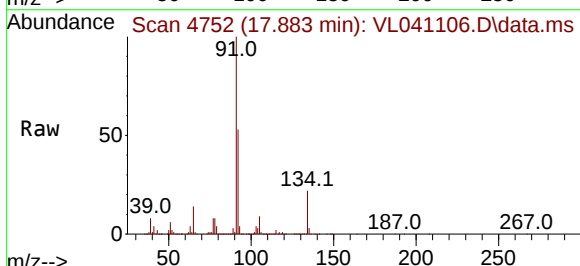
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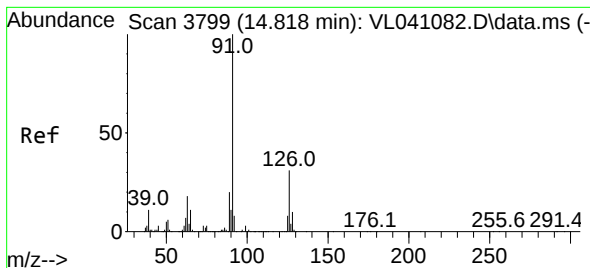
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#70
n-Butylbenzene
Concen: 10.161 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion: 91 Resp: 5286224
Ion Ratio Lower Upper
91 100
92 53.8 43.4 65.2
134 21.5 17.4 26.0





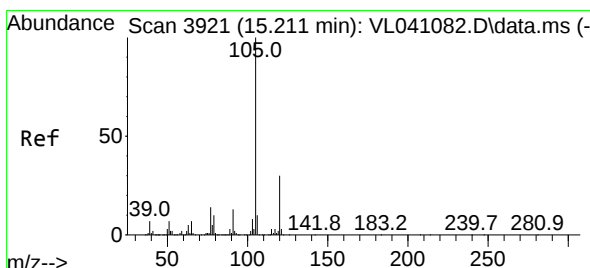
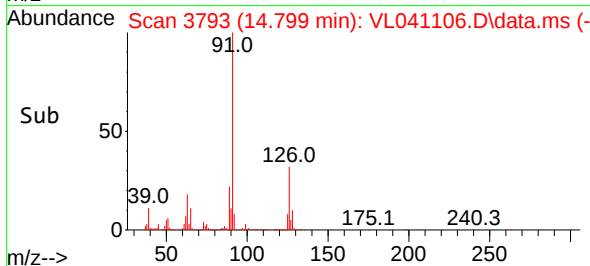
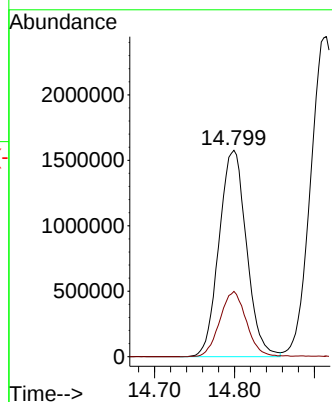
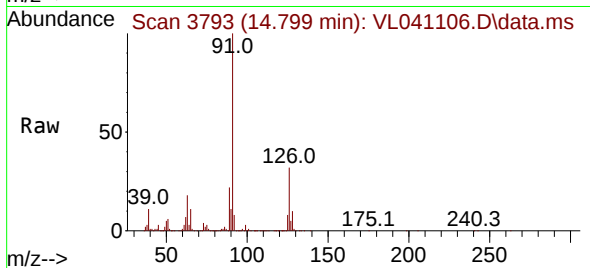
#71
2-Chlorotoluene
Concen: 9.953 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 91 Resp: 375808
Ion Ratio Lower Upper
91 100
126 31.2 12.2 48.8

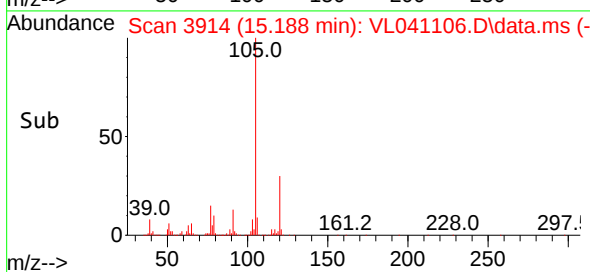
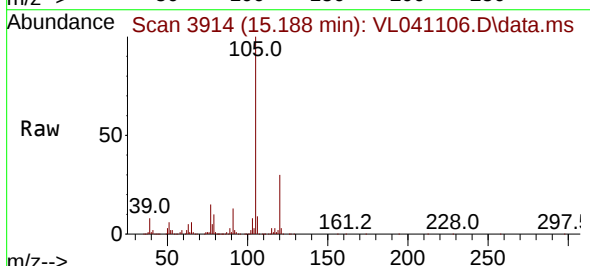
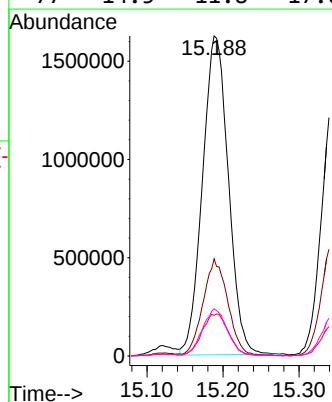
Manual Integrations
APPROVED

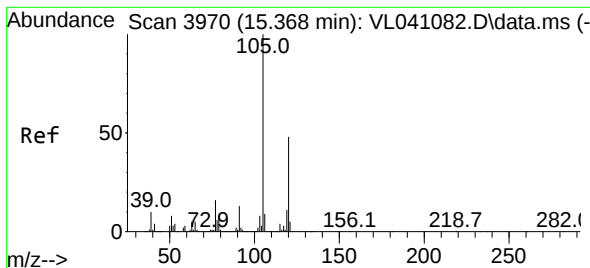
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#72
4-Ethyltoluene
Concen: 10.474 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

Tgt Ion:105 Resp: 3831850
Ion Ratio Lower Upper
105 100
120 29.4 23.8 35.8
91 13.7 10.9 16.3
77 14.5 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 10.298 ppbv

RT: 15.346 min Scan# 3970

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion:105 Resp: 3334060

Ion Ratio Lower Upper

105 100

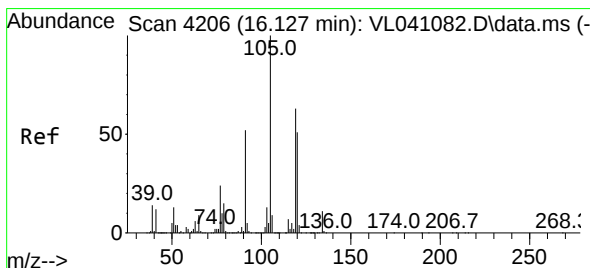
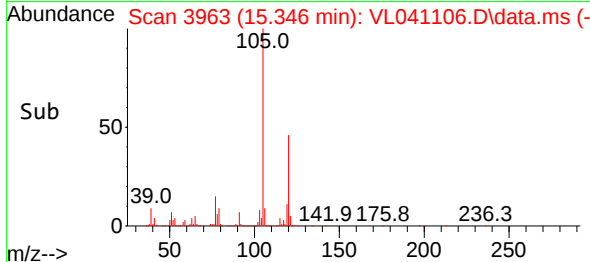
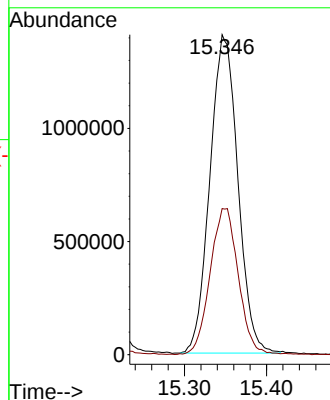
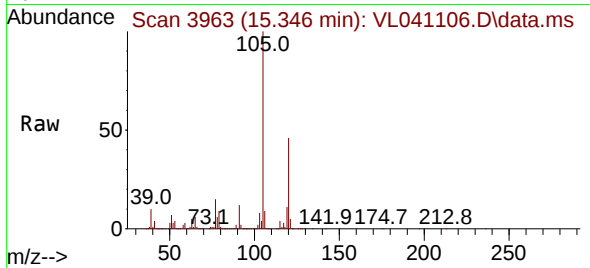
120 45.6 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.973 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. 0.006 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Tgt Ion:105 Resp: 3687689

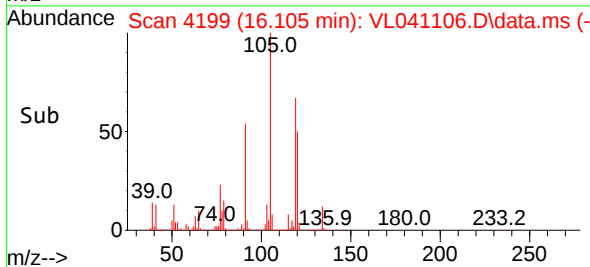
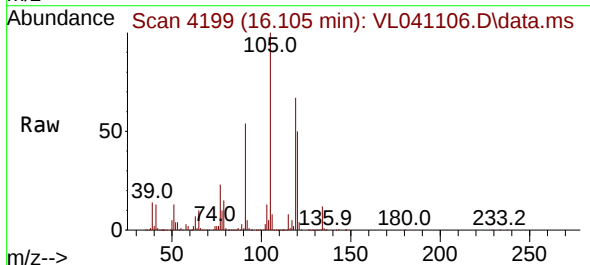
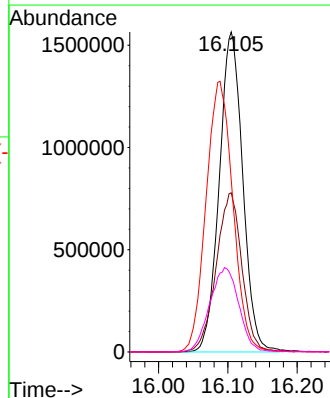
Ion Ratio Lower Upper

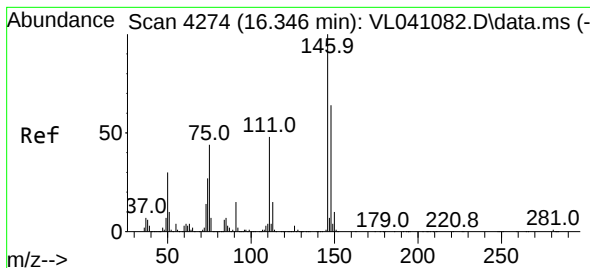
105 100

120 49.7 40.4 60.6

91 53.5 41.4 62.0

77 23.4 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 9.993 ppbv

RT: 16.326 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion:146 Resp: 2110130

Ion Ratio Lower Upper

146 100

111 49.0 24.1 72.2

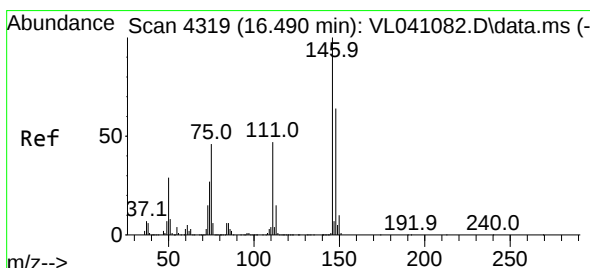
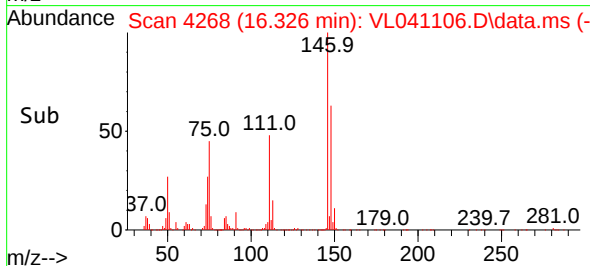
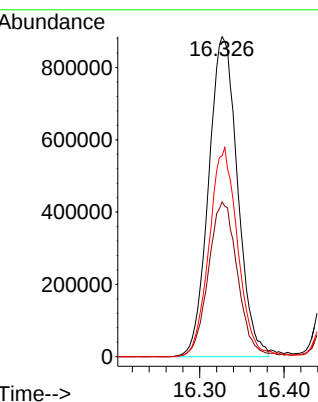
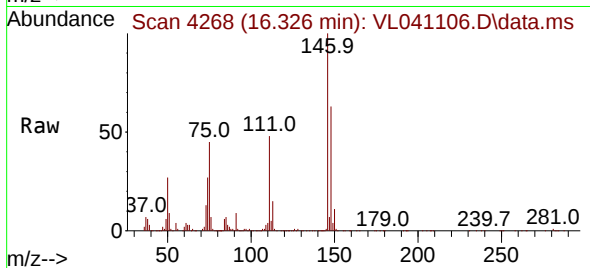
148 64.6 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#76

1,4-Dichlorobenzene

Concen: 9.652 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.006 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

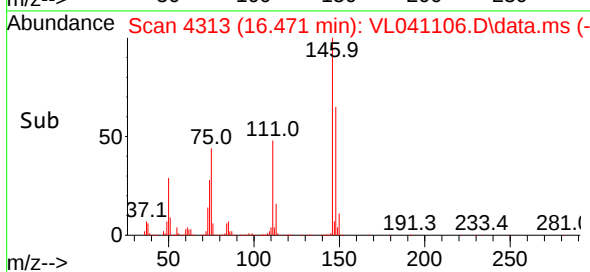
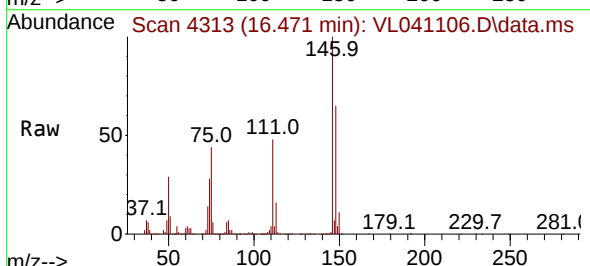
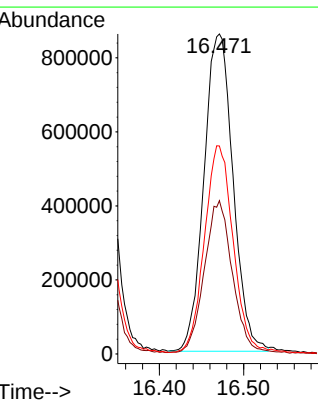
Tgt Ion:146 Resp: 2053617

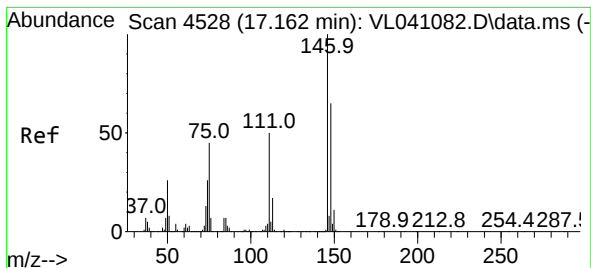
Ion Ratio Lower Upper

146 100

111 47.2 23.9 71.7

148 65.7 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.954 ppbv

RT: 17.137 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion:146 Resp: 205396

Ion Ratio Lower Upper

146 100

111 50.0 25.2 75.6

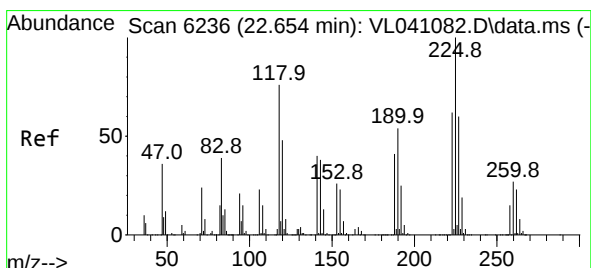
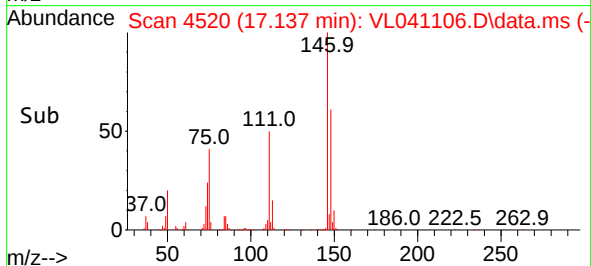
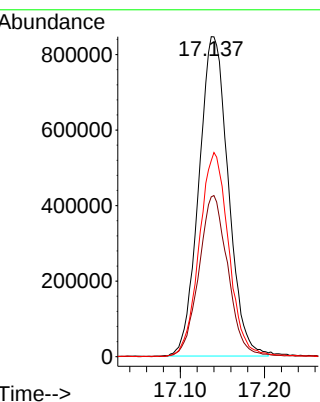
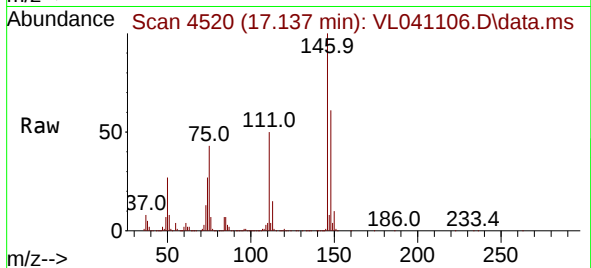
148 64.3 32.4 97.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.370 ppbv

RT: 22.628 min Scan# 6228

Delta R.T. 0.003 min

Lab File: VL041106.D

Acq: 14 Mar 2024 14:28

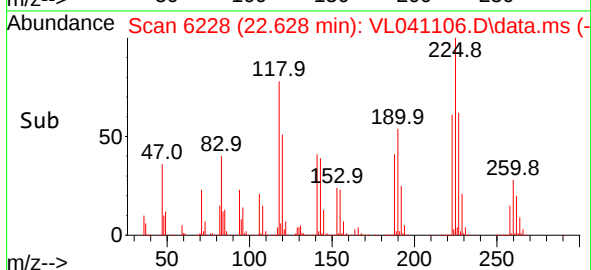
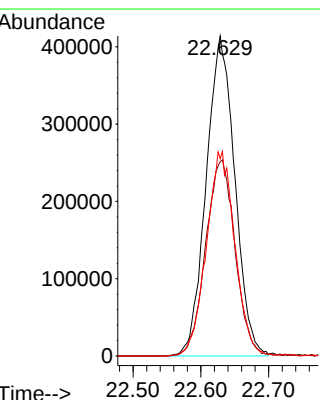
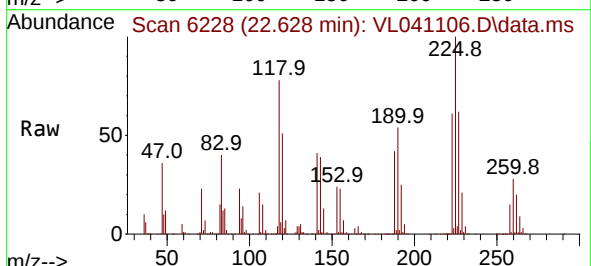
Tgt Ion:225 Resp: 1215817

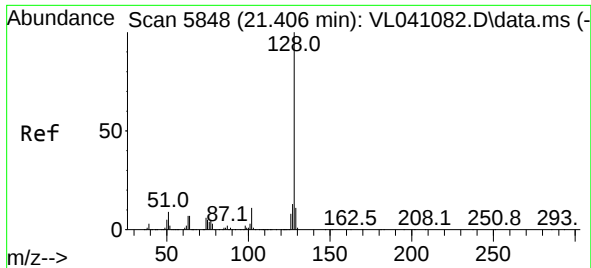
Ion Ratio Lower Upper

225 100

223 63.3 51.1 76.7

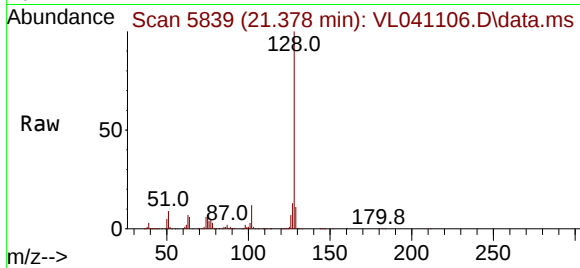
227 63.7 51.1 76.7





#79
Naphthalene
Concen: 13.265 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. 0.003 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28

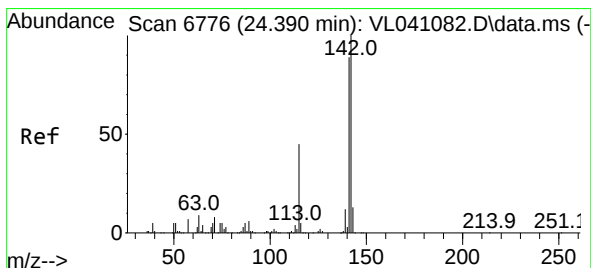
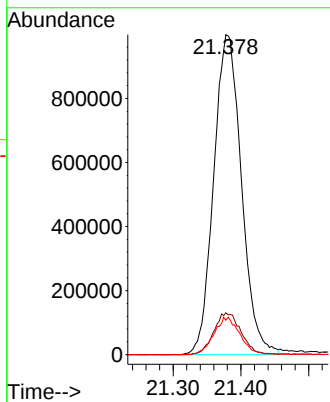
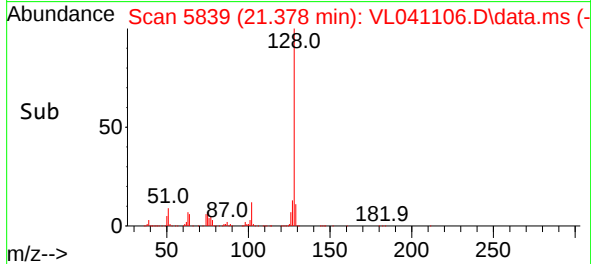
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



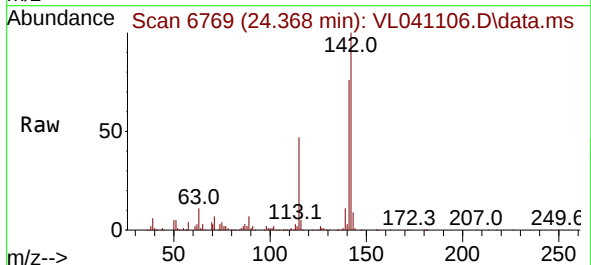
Tgt Ion:128 Resp: 2840414
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.7 9.0 13.6

Manual Integrations
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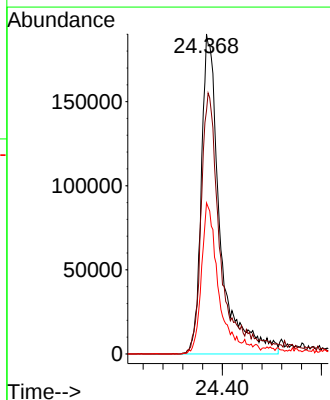
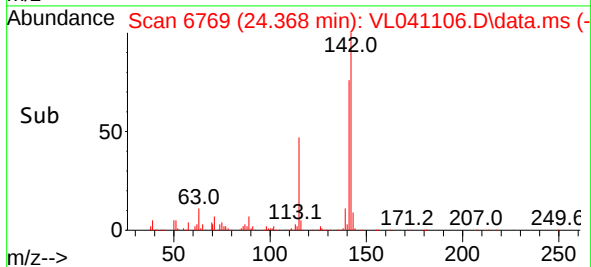
Reviewed By :Semsettin Yesilyurt 03/18/2024
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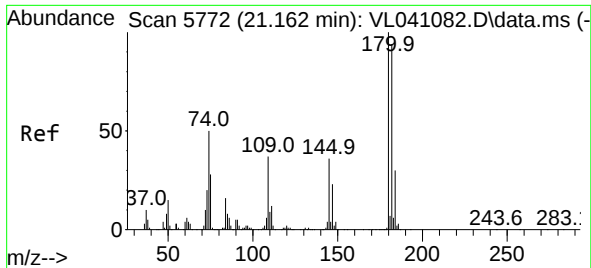


#80
Naphthalene,2-methyl-
Concen: 14.678 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. 0.000 min
Lab File: VL041106.D
Acq: 14 Mar 2024 14:28



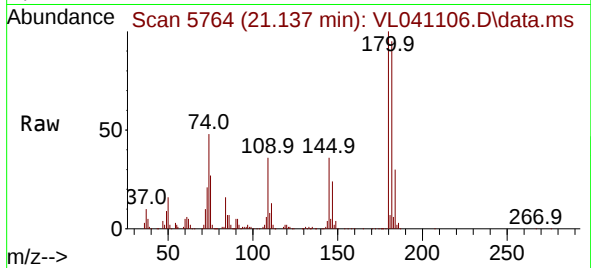
Tgt Ion:142 Resp: 503806
Ion Ratio Lower Upper
142 100
141 85.6 61.3 91.9
115 46.2 35.4 53.2





#81
 1,2,4-Trichlorobenzene
 Concen: 11.282 ppbv
 RT: 21.137 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL041106.D
 Acq: 14 Mar 2024 14:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01



Tgt Ion:180 Resp: 1391162
 Ion Ratio Lower Upper
 180 100
 182 98.2 78.7 118.1
 184 30.7 25.3 37.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

