

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040335.D
 Acq On : 12 Apr 2023 10:05
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/13/2023
 Supervised By : Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 05:29:55 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Tue Apr 11 04:15:53 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1054698	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2652799	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2663803m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2073115 9.294 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 92.900%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.716	85	1477011	7.138 ppbv	98
3) Chlorodifluoromethane	2.661	51	1246864	9.401 ppbv	99
4) Chloromethane	2.800	50	794521	9.702 ppbv	100
5) Vinyl Chloride	2.909	62	676771	10.206 ppbv	99
6) Bromomethane	3.108	94	232541	10.113 ppbv	98
7) Chloroethane	3.185	64	252793	9.930 ppbv	99
8) Dichlorotetrafluoroethane	2.845	85	1682864	9.500 ppbv	100
9) Propene	2.681	41	521435	10.263 ppbv	95
10) Heptane	7.581	43	1249752	10.226 ppbv	100
11) Trichlorofluoromethane	3.552	101	1729722	9.226 ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	1257838	8.933 ppbv	98
13) Ethanol	3.240	45	31469m	8.445 ppbv	
14) Bromoethene	3.356	108	533483	10.157 ppbv	99
15) Acetone	3.455	43	1148341	8.943 ppbv	98
16) 1,3-Butadiene	2.973	39	595820	10.209 ppbv	98
17) tert-Butyl alcohol	3.867	59	1284607	10.527 ppbv	100
18) 1,1-Dichloroethene	3.873	96	570723	9.448 ppbv	98
19) Isopropyl Alcohol	3.565	45	586413	9.534 ppbv	99
20) Methylene Chloride	3.925	84	457089	8.462 ppbv	95
21) Allyl Chloride	3.989	41	807937	9.714 ppbv	99
22) trans-1,2-Dichloroethene	4.439	96	570923	9.286 ppbv	94
23) Vinyl Acetate	4.619	43	369937	10.356 ppbv	98
24) 1,1-Dichloroethane	4.558	63	1166312	9.154 ppbv	98
25) Ethyl Acetate	5.201	43	2325326	9.673 ppbv	100
26) Hexane	5.211	57	1000474	10.139 ppbv	96
27) Carbon Disulfide	4.118	76	1408437	10.219 ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	1085405	9.580 ppbv	99
29) Chloroform	5.272	83	1708951	9.808 ppbv	99
30) Cyclohexane	6.603	84	844054	10.855 ppbv	99
31) cis-1,2-Dichloroethene	5.076	61	1045566	10.880 ppbv	99
32) 1,1,1-Trichloroethane	6.002	97	1739305	10.419 ppbv	99
34) 2-Butanone	4.780	43	1272216	9.717 ppbv	100
35) Carbon Tetrachloride	6.491	117	1765237	10.604 ppbv	97
36) Benzene	6.372	78	2092567	10.351 ppbv	98
37) 1,2-Dichloroethane	5.806	62	1326683	10.082 ppbv	99
38) Trichloroethene	7.295	130	1232053	11.152 ppbv	99
39) 1,2-Dichloropropane	7.076	63	798053	10.062 ppbv	96
40) 1,4-Dioxane	7.291	88	292994	9.337 ppbv	69
41) Tetrahydrofuran	5.555	42	765308	10.128 ppbv	97
42) Bromodichloromethane	7.253	83	1829596	10.175 ppbv	99
43) Methyl Methacrylate	7.478	69	830382	11.053 ppbv	97
44) 2,2,4-Trimethylpentane	7.327	57	3484839	10.339 ppbv	99
45) t-1,3-Dichloropropene	8.712	75	771055	11.773 ppbv	99

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Instrument :
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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 05:29:55 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

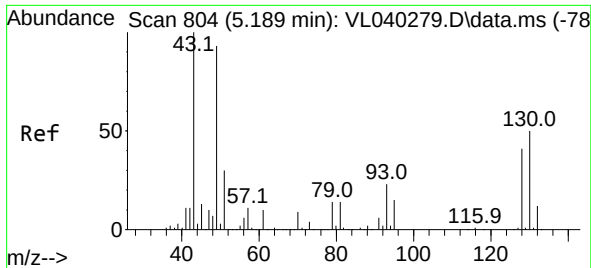
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Apr 11 04:15:53 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1076818	11.578	ppbv	96
47) 1,1,2-Trichloroethane	8.905	97	850187	10.046	ppbv	96
48) Dibromochloromethane	9.716	129	1427973	10.253	ppbv	100
49) Bromoform	12.416	173	1066443	10.196	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2078689	10.260	ppbv	99
51) 2-Hexanone	9.555	43	1541534	9.821	ppbv	98
52) Tetrachloroethene	10.622	164	666968	10.905	ppbv	97
53) Toluene	9.227	91	2305080	10.880	ppbv	99
54) 1,2-Dibromoethane	10.015	107	912425	10.474	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.516	131	1022506	9.125	ppbv	96
57) Chlorobenzene	11.532	112	1697530	8.959	ppbv	97
58) Ethyl Benzene	12.095	91	3084166	10.168	ppbv	99
59) m/p-Xylene	12.381	91	5294096m	19.053	ppbv	
60) o-Xylene	13.066	91	2537580	9.553	ppbv	100
61) Styrene	12.905	104	1426301	10.582	ppbv	99
62) Isopropylbenzene	14.037	105	3549411	9.384	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.056	83	792946	8.484	ppbv	99
64) n-propylbenzene	14.924	120	902428	9.749	ppbv	98
65) tert-Butylbenzene	16.101	119	3150580	9.665	ppbv	99
66) Benzyl Chloride	16.339	91	205244	9.688	ppbv	97
67) sec-Butylbenzene	16.648	105	4567390	9.798	ppbv	99
69) p-Isopropyltoluene	17.005	119	3711138	10.222	ppbv	99
70) n-Butylbenzene	17.895	91	4178539	10.447	ppbv	100
71) 2-Chlorotoluene	14.812	91	2759129	9.584	ppbv	100
72) 4-Ethyltoluene	15.204	105	2932711	10.098	ppbv	98
73) 1,3,5-Trimethylbenzene	15.362	105	2619274	9.957	ppbv	100
74) 1,2,4-Trimethylbenzene	16.117	105	2896654	9.656	ppbv	97
75) 1,3-Dichlorobenzene	16.339	146	1610382	9.911	ppbv	100
76) 1,4-Dichlorobenzene	16.481	146	1561136	10.074	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1590486	10.184	ppbv	100
78) Hexachloro-1,3-Butadiene	22.648	225	1111542m	9.705	ppbv	
79) Naphthalene	21.394	128	2294227	12.928	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	370842	8.251	ppbv	96
81) 1,2,4-Trichlorobenzene	21.152	180	1218076	11.144	ppbv	99

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



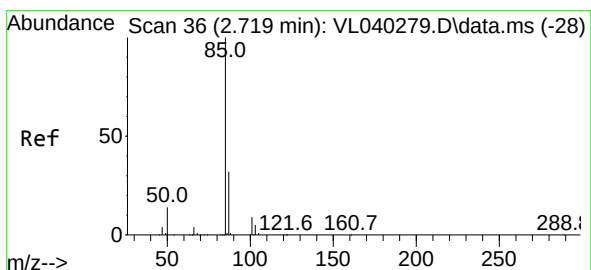
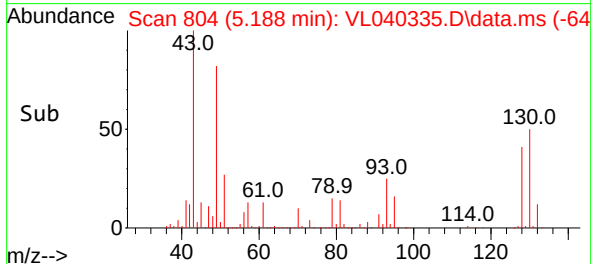
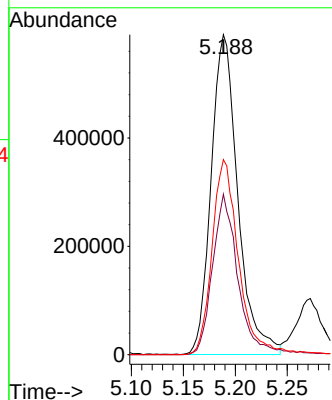
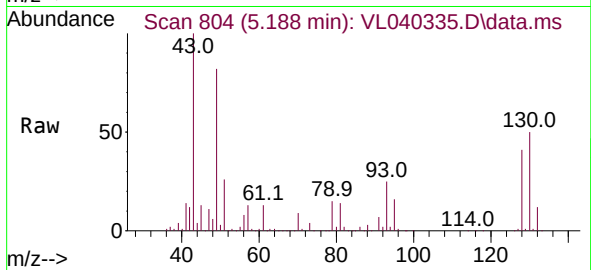
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 80
Delta R.T. -0.001 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1054698
Ion Ratio Lower Upper
49 100
128 48.8 22.4 67.3
130 61.1 28.7 86.1

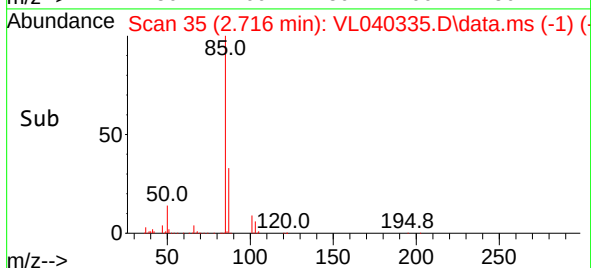
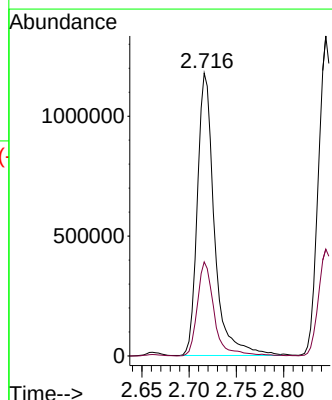
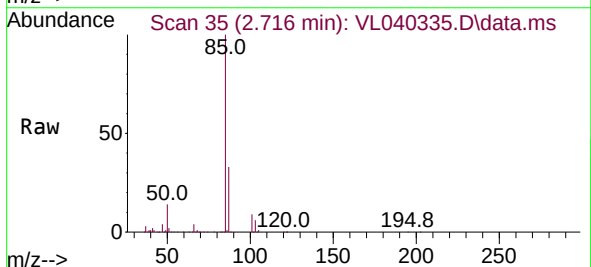
Manual Integrations
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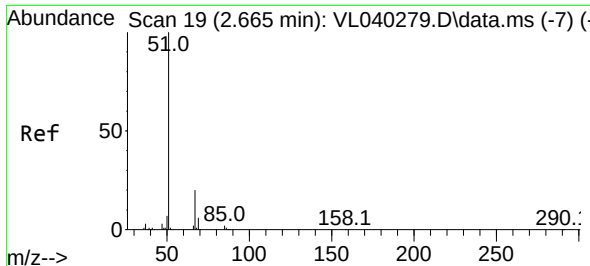
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#2
Dichlorodifluoromethane
Concen: 7.138 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

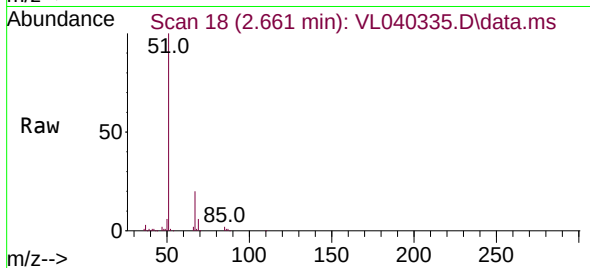
Tgt Ion: 85 Resp: 1477011
Ion Ratio Lower Upper
85 100
87 33.3 25.5 38.3





#3
Chlorodifluoromethane
Concen: 9.401 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

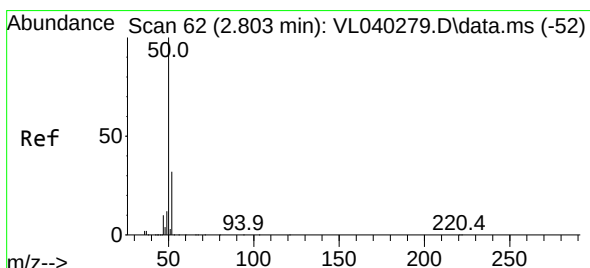
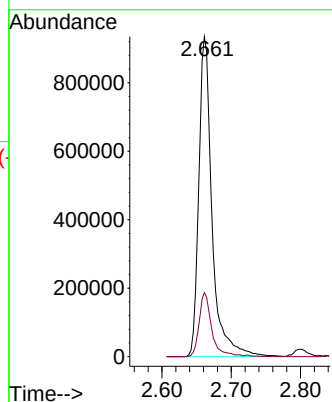
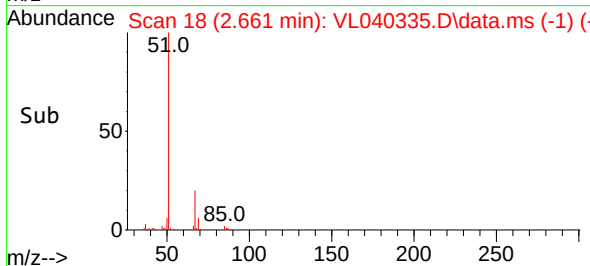
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 1246864
Ion Ratio Lower Upper
51 100
67 19.4 16.0 24.0

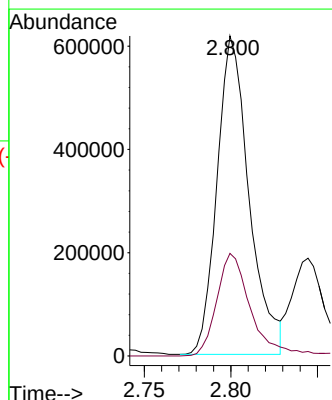
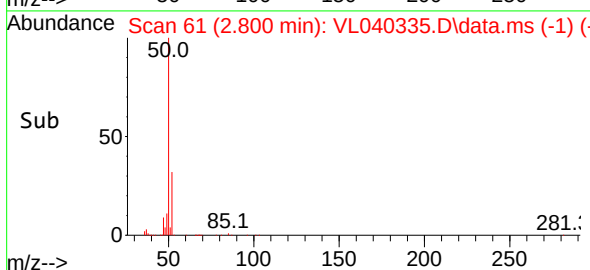
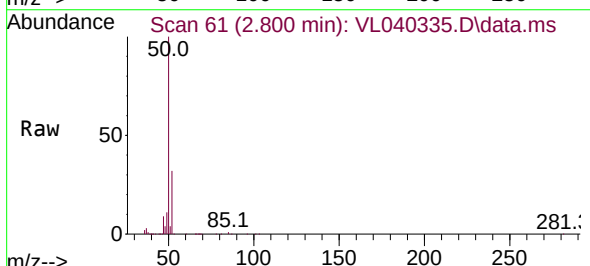
Manual Integrations
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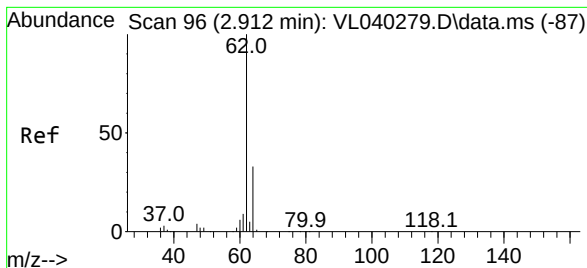
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#4
Chloromethane
Concen: 9.702 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 50 Resp: 794521
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9





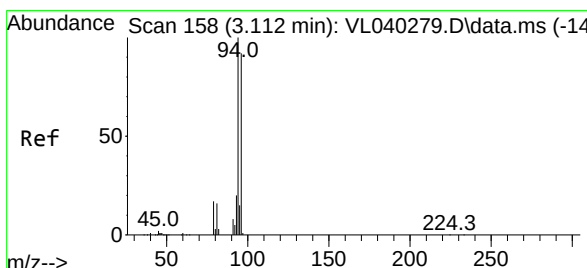
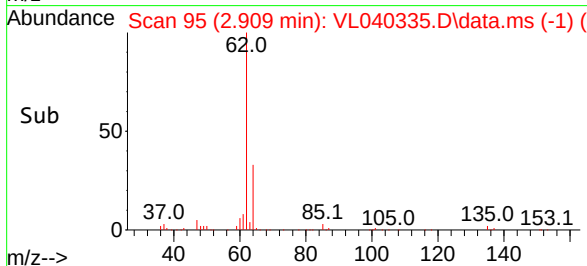
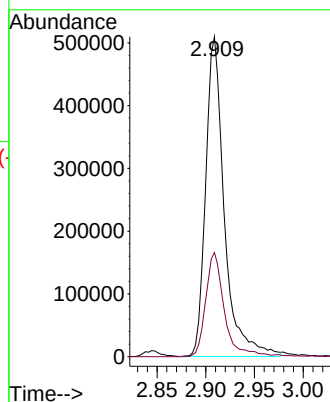
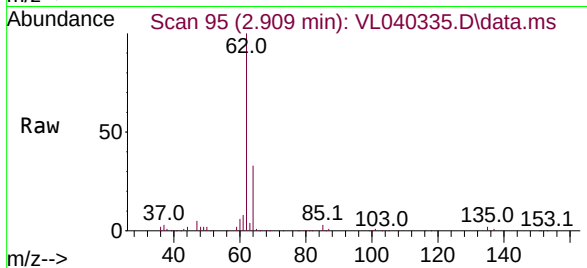
#5
 Vinyl Chloride
 Concen: 10.206 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 67677
 Ion Ratio Lower Upper
 62 100
 64 32.6 26.4 39.6

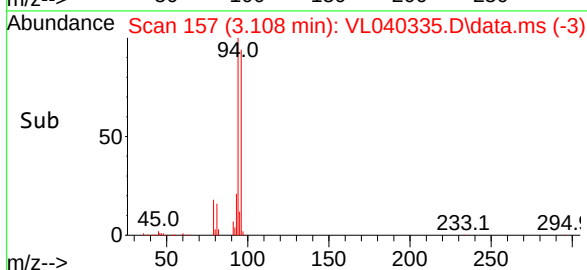
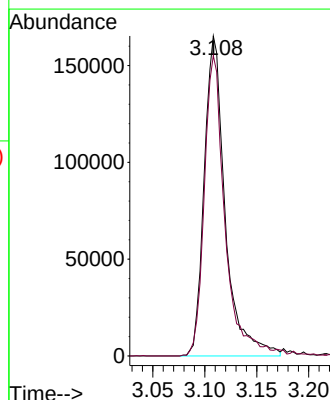
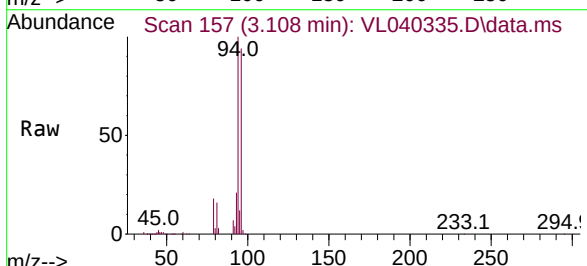
Manual Integrations
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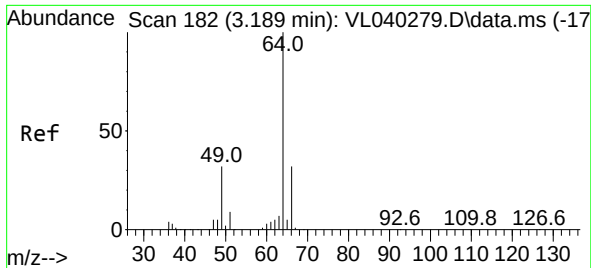
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#6
 Bromomethane
 Concen: 10.113 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.004 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

Tgt Ion: 94 Resp: 232541
 Ion Ratio Lower Upper
 94 100
 96 93.8 73.7 110.5





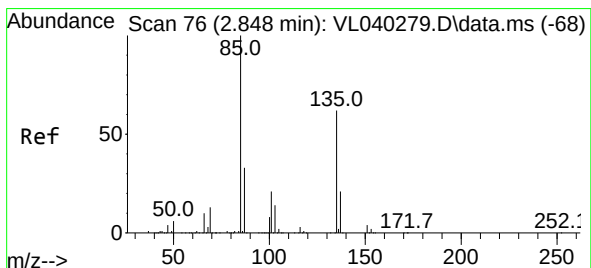
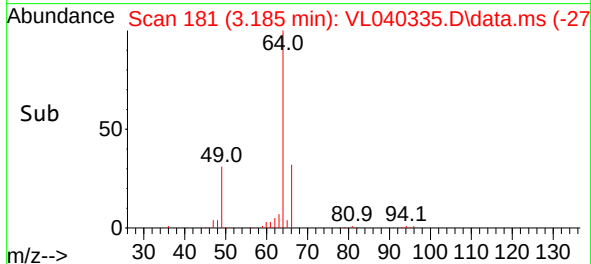
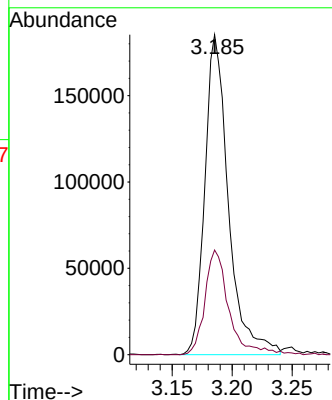
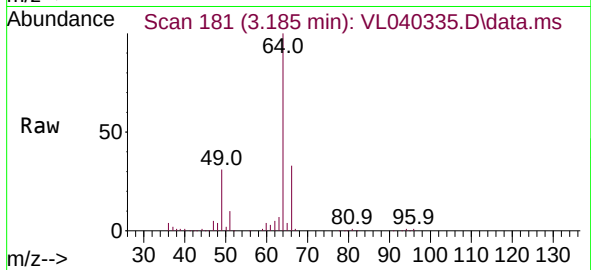
#7
Chloroethane
Concen: 9.930 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 25279
Ion Ratio Lower Upper
64 100
66 32.7 25.5 38.3

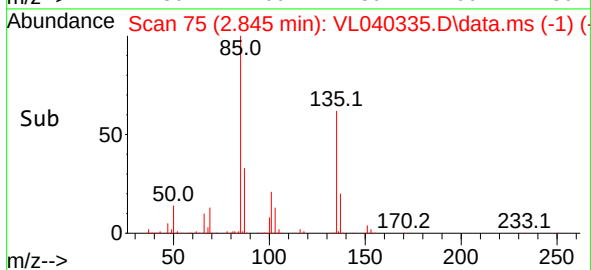
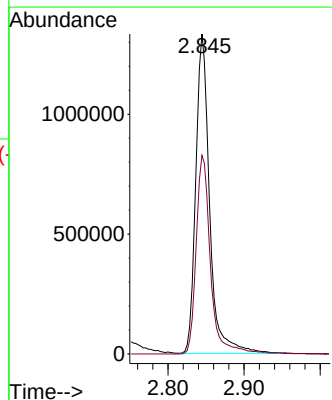
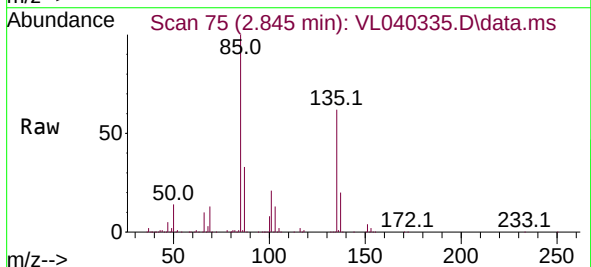
Manual Integrations
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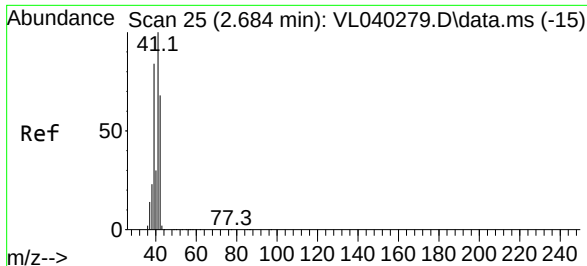
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#8
Dichlorotetrafluoroethane
Concen: 9.500 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

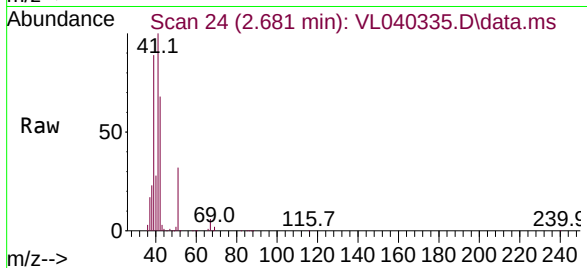
Tgt Ion: 85 Resp: 1682864
Ion Ratio Lower Upper
85 100
135 64.8 52.0 78.0





#9
 Propene
 Concen: 10.263 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

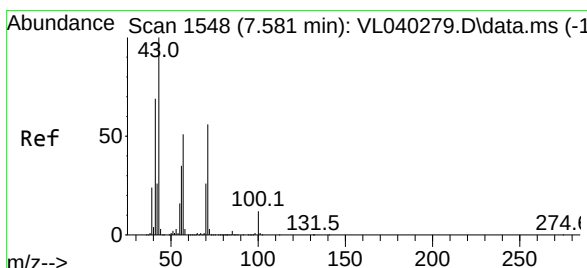
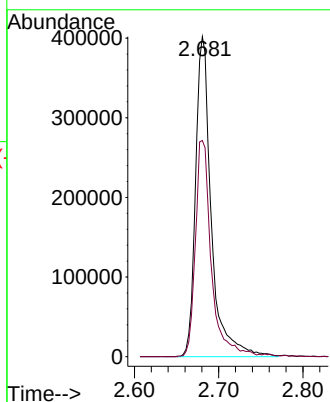
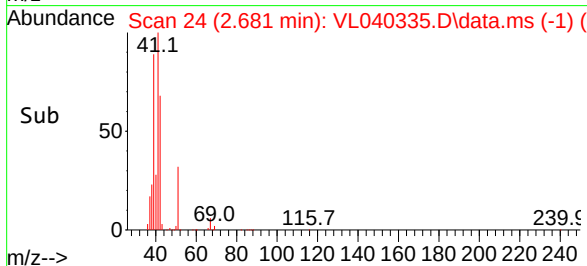
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



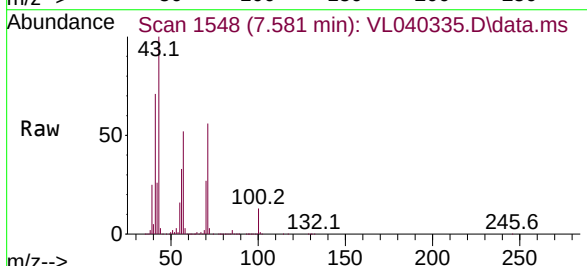
Tgt Ion: 41 Resp: 521435
 Ion Ratio Lower Upper
 41 100
 42 69.4 59.0 88.4

Manual Integrations
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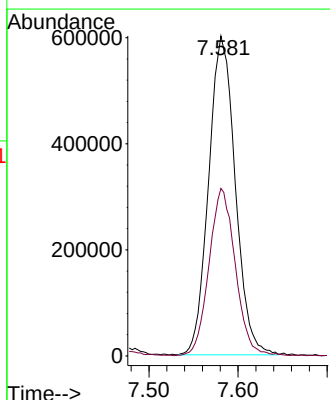
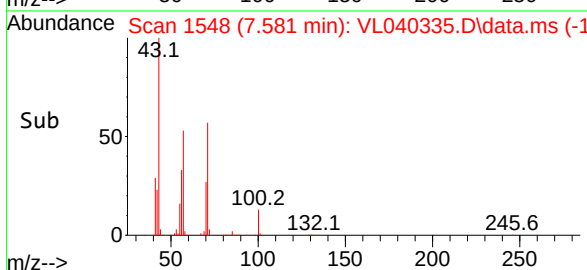
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

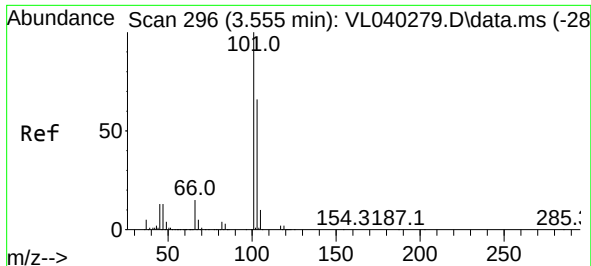


#10
 Heptane
 Concen: 10.226 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. -0.000 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05



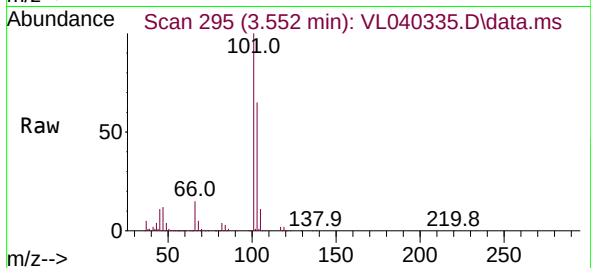
Tgt Ion: 43 Resp: 1249752
 Ion Ratio Lower Upper
 43 100
 57 52.0 41.7 62.5





#11
Trichlorofluoromethane
Concen: 9.226 ppbv
RT: 3.552 min Scan# 296
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

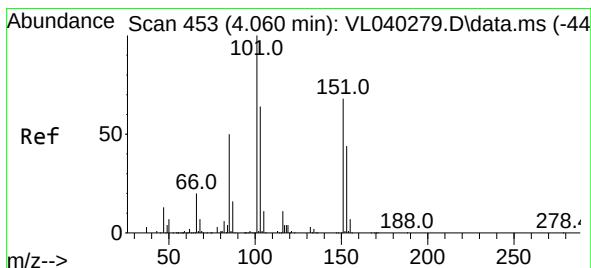
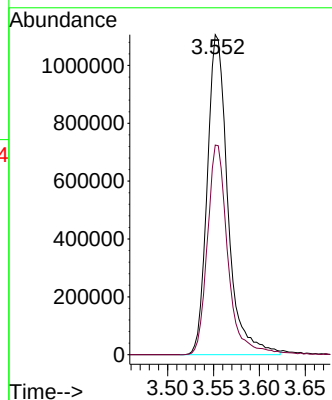
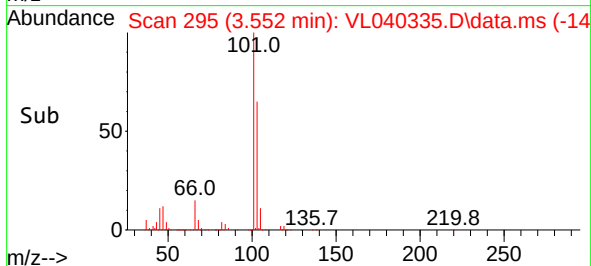
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



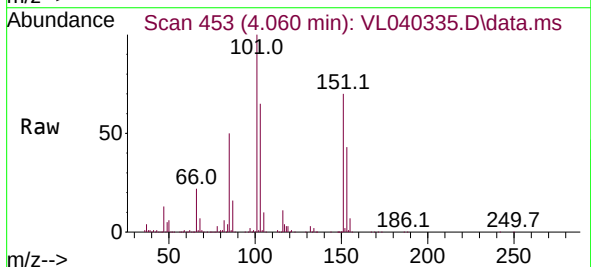
Tgt Ion:101 Resp: 172972
Ion Ratio Lower Upper
101 100
103 65.5 53.1 79.7

Manual Integrations
APPROVED

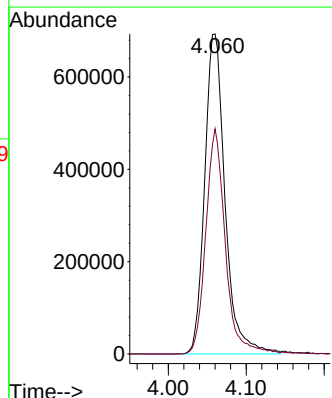
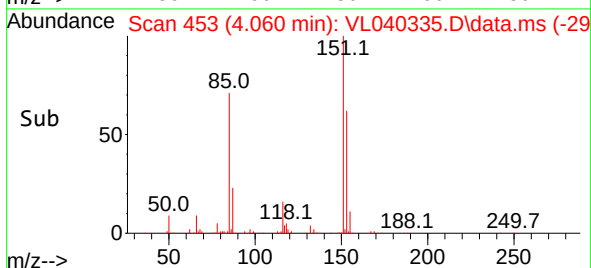
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

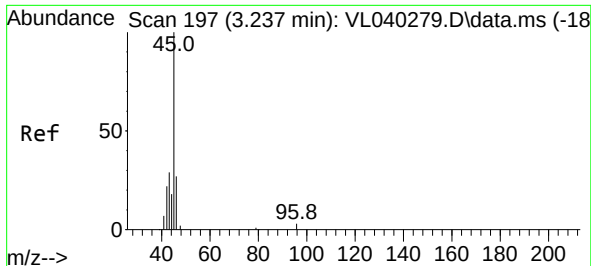


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.933 ppbv
RT: 4.060 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05



Tgt Ion:101 Resp: 1257838
Ion Ratio Lower Upper
101 100
151 67.9 53.2 79.8





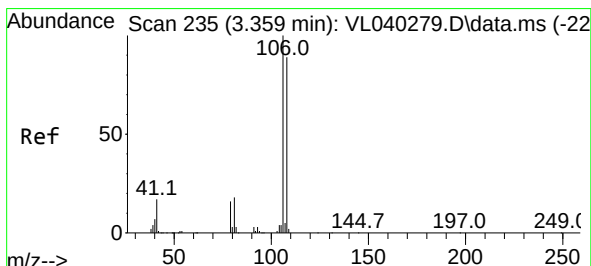
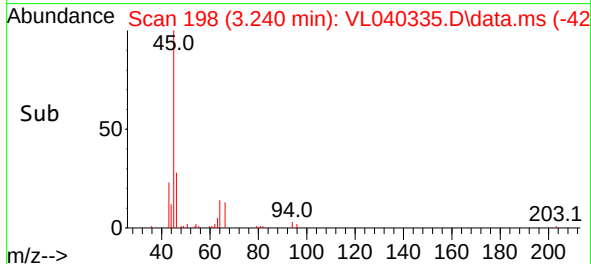
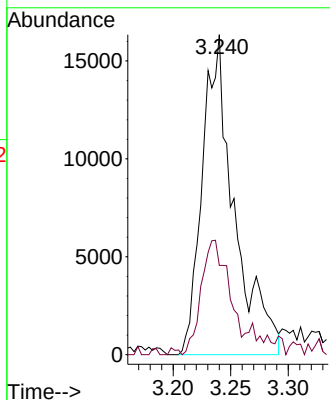
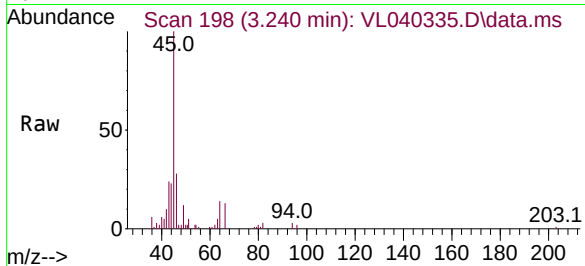
#13
Ethanol
Concen: 8.445 ppbv m
RT: 3.240 min Scan# 197
Delta R.T. 0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 31469
Ion Ratio Lower Upper
45 100
46 40.0 15.0 60.2

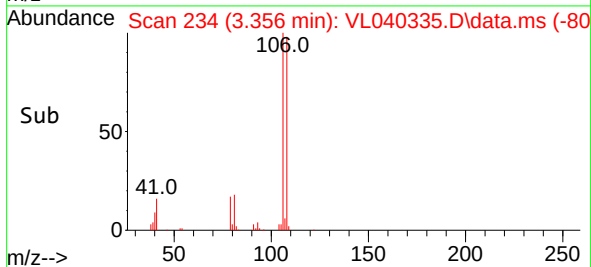
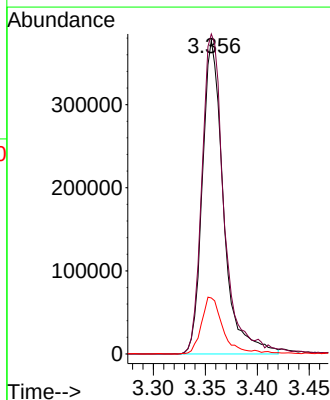
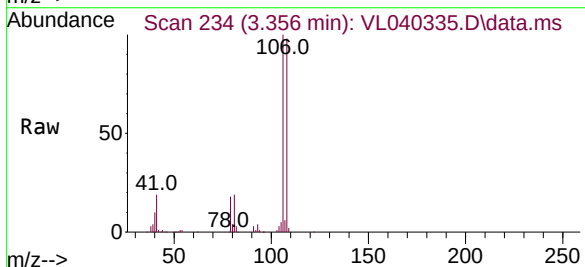
Manual Integrations
APPROVED

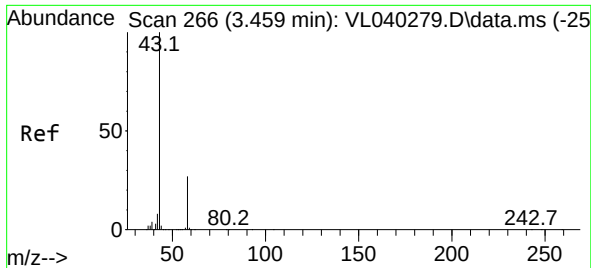
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#14
Bromoethene
Concen: 10.157 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion:108 Resp: 533483
Ion Ratio Lower Upper
108 100
106 108.4 85.8 128.8
79 19.4 15.8 23.6





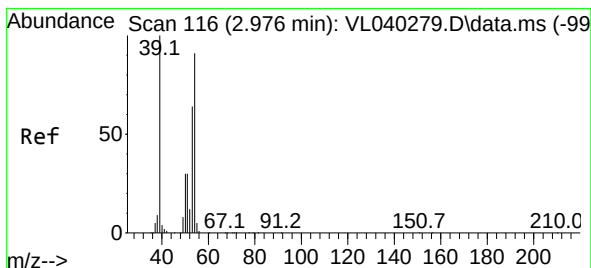
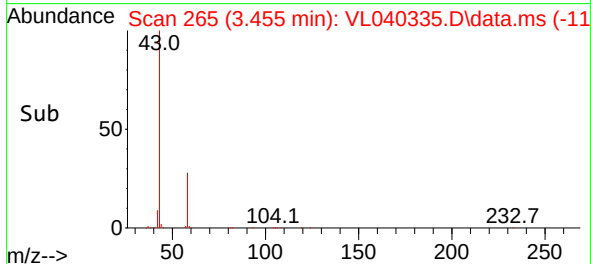
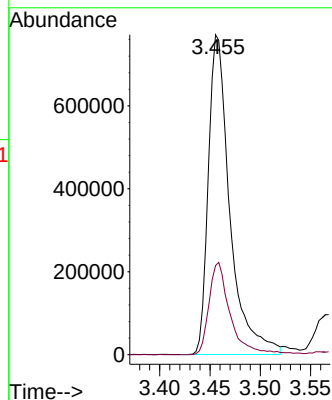
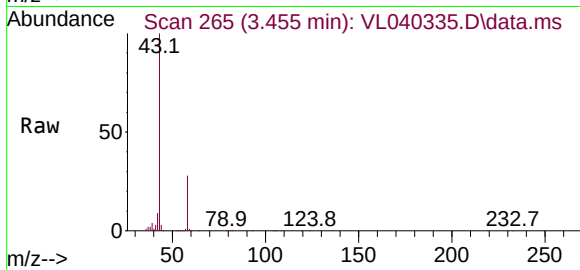
#15
Acetone
Concen: 8.943 ppbv
RT: 3.455 min Scan# 20
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 114834
Ion Ratio Lower Upper
43 100
58 28.6 21.8 32.8

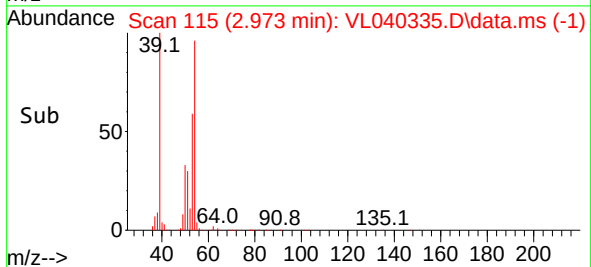
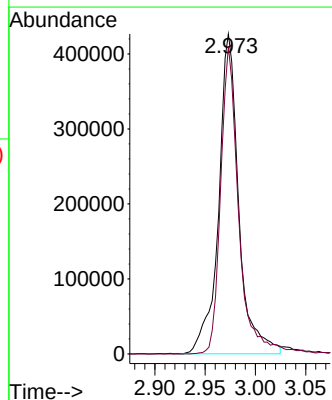
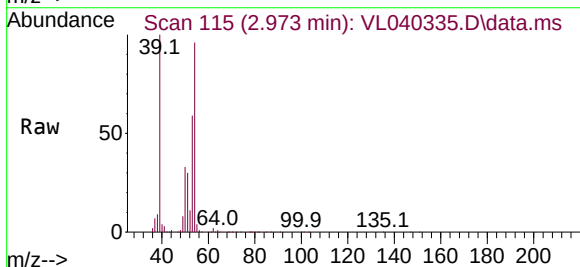
Manual Integrations
APPROVED

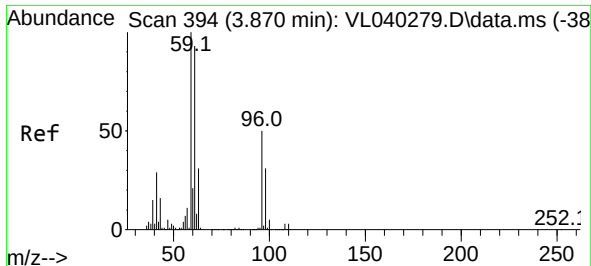
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#16
1,3-Butadiene
Concen: 10.209 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 39 Resp: 595820
Ion Ratio Lower Upper
39 100
54 86.9 68.4 102.6





#17

tert-Butyl alcohol

Concen: 10.527 ppbv

RT: 3.867 min Scan# 394

Delta R.T. -0.003 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 128460

Ion Ratio Lower Upper

59 100

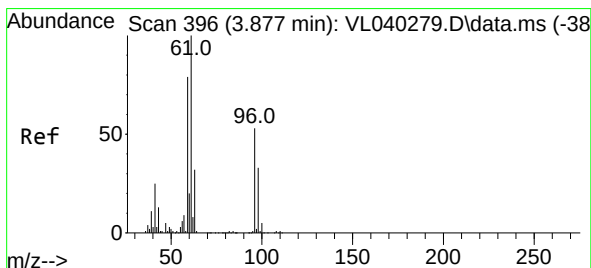
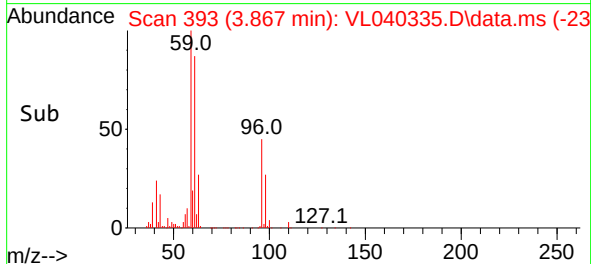
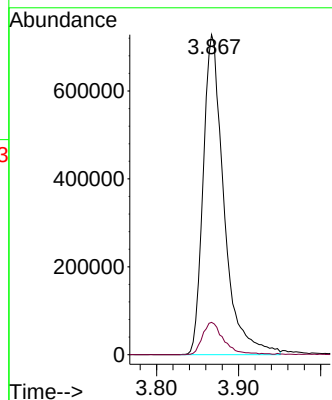
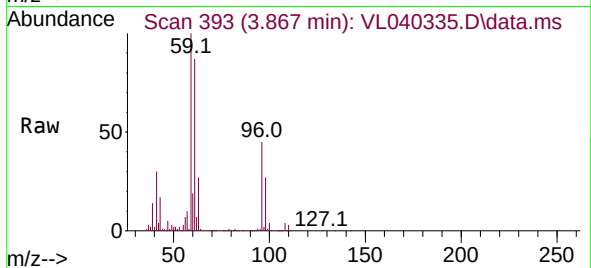
57 10.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#18

1,1-Dichloroethene

Concen: 9.448 ppbv

RT: 3.873 min Scan# 395

Delta R.T. -0.004 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

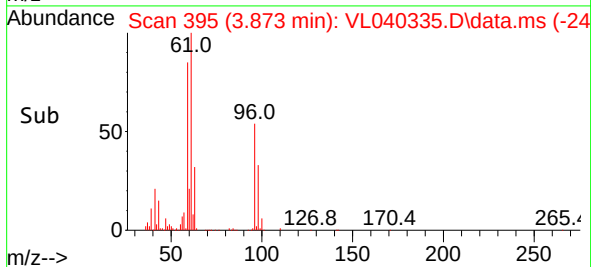
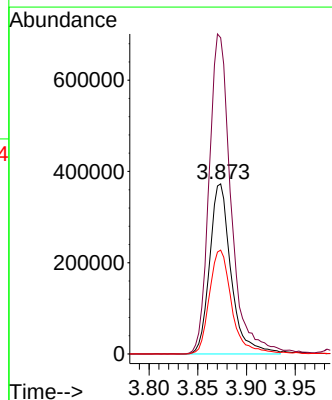
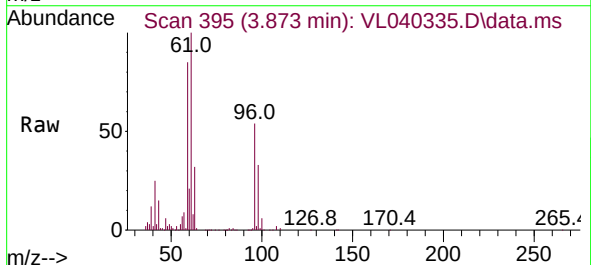
Tgt Ion: 96 Resp: 570723

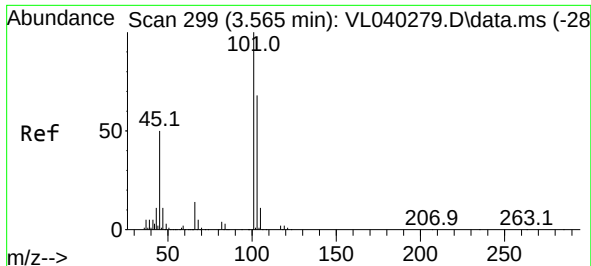
Ion Ratio Lower Upper

96 100

61 185.9 150.6 226.0

98 61.1 50.3 75.5





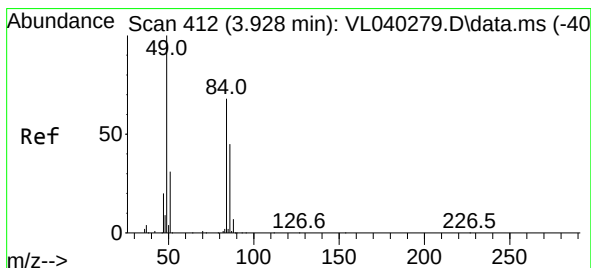
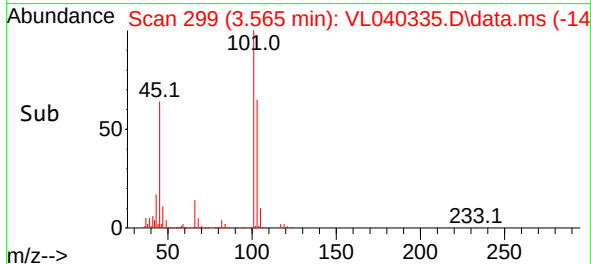
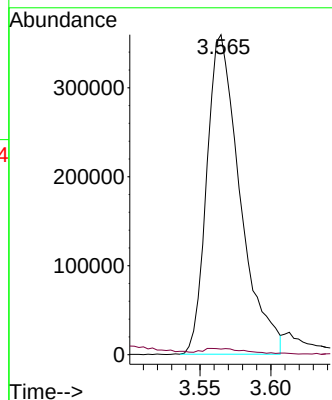
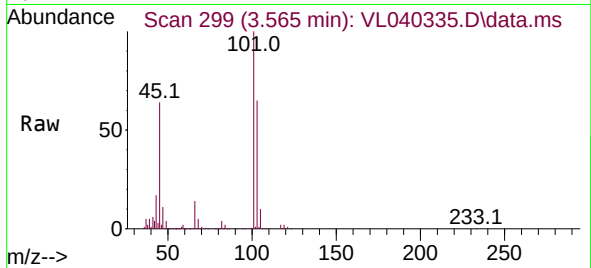
#19
Isopropyl Alcohol
Concen: 9.534 ppbv
RT: 3.565 min Scan# 299
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 58641
Ion Ratio Lower Upper
45 100
58 3.1 2.7 4.1

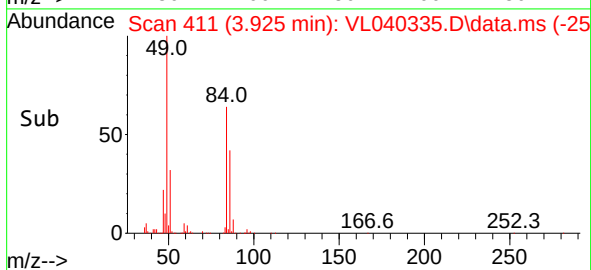
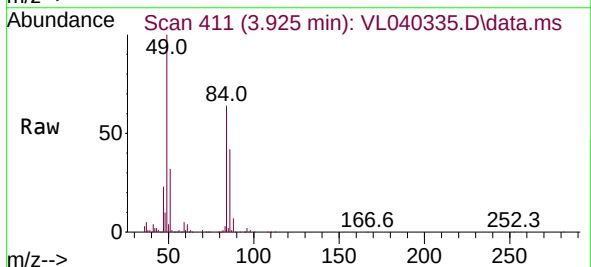
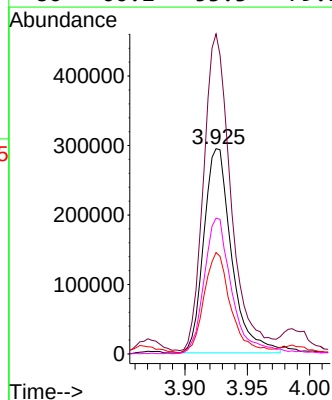
Manual Integrations
APPROVED

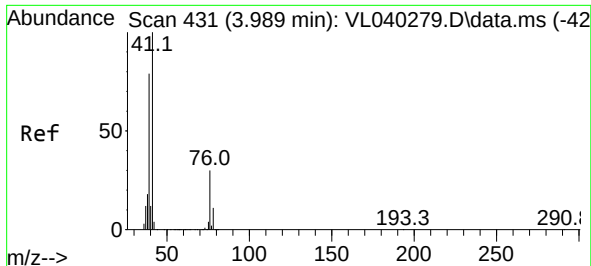
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#20
Methylene Chloride
Concen: 8.462 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 84 Resp: 457089
Ion Ratio Lower Upper
84 100
49 155.1 117.5 176.3
51 49.1 36.9 55.3
86 66.2 53.3 79.9





#21

Allyl Chloride

Concen: 9.714 ppbv

RT: 3.989 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

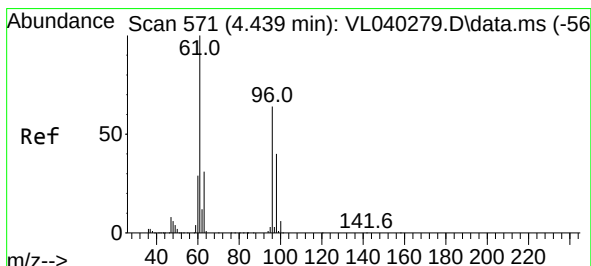
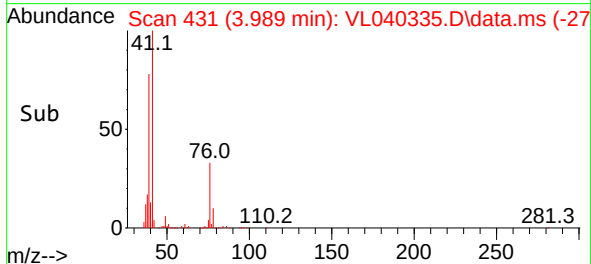
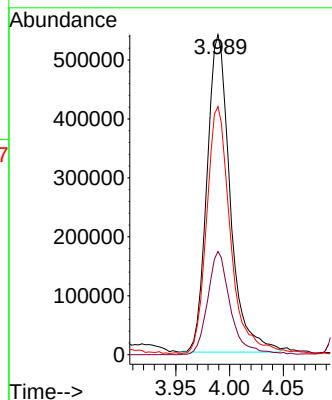
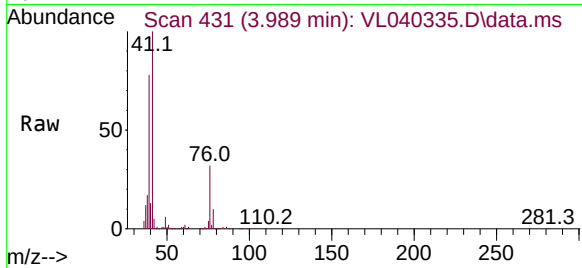
Tgt Ion: 41 Resp: 80793

Ion	Ratio	Lower	Upper
41	100		
76	32.1	25.4	38.0
39	80.3	65.4	98.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#22

trans-1,2-Dichloroethene

Concen: 9.286 ppbv

RT: 4.439 min Scan# 571

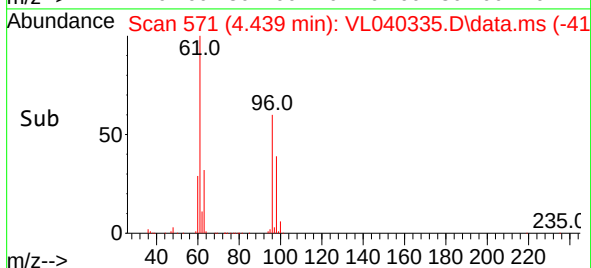
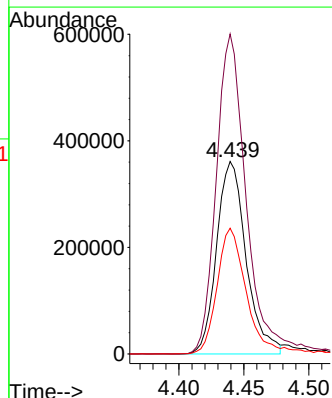
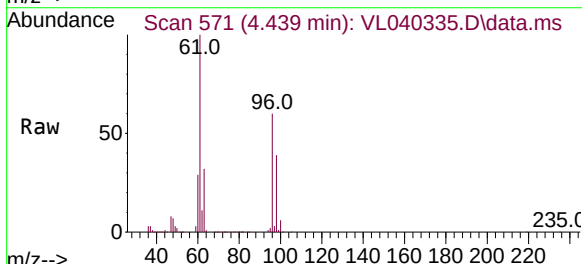
Delta R.T. 0.000 min

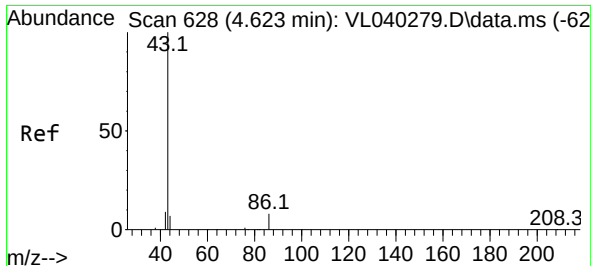
Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Tgt Ion: 96 Resp: 570923

Ion	Ratio	Lower	Upper
96	100		
61	166.1	125.4	188.2
98	65.3	49.8	74.6





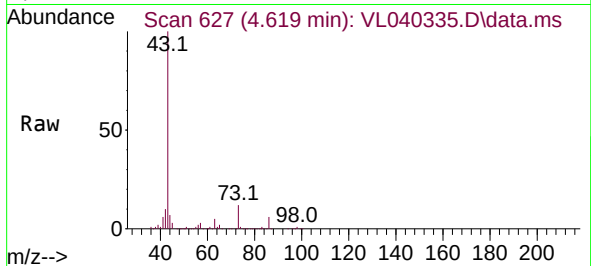
#23
 Vinyl Acetate
 Concen: 10.356 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

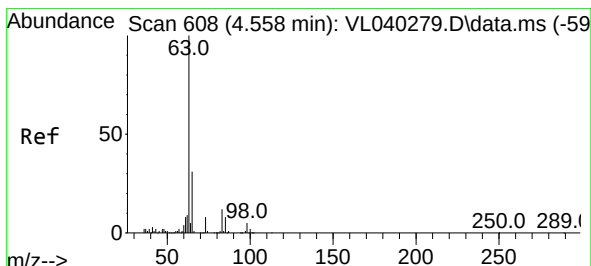
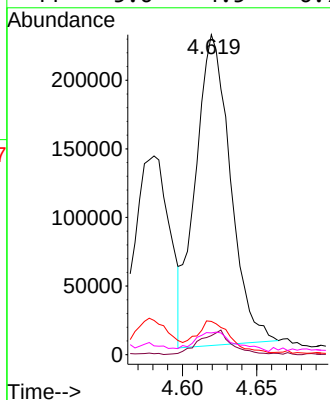
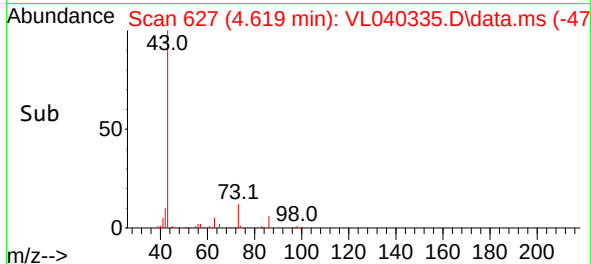


Tgt Ion: 43 Resp: 36993
 Ion Ratio Lower Upper
 43 100
 86 5.8 5.0 7.4
 42 10.1 9.1 13.7
 44 5.6 4.5 6.7

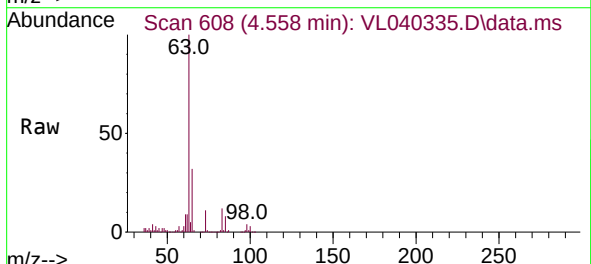
Manual Integrations

APPROVED

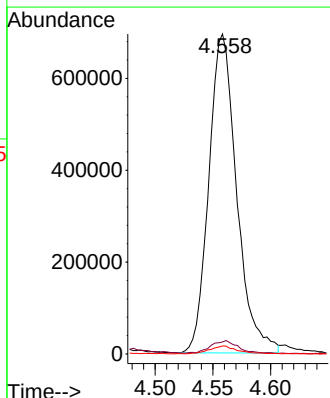
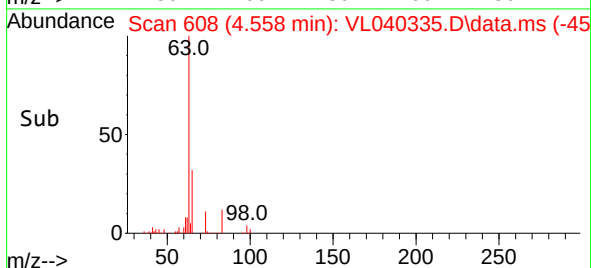
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

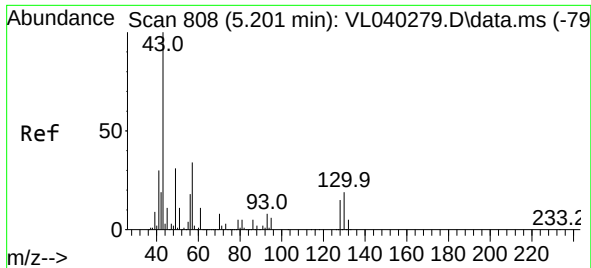


#24
 1,1-Dichloroethane
 Concen: 9.154 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05



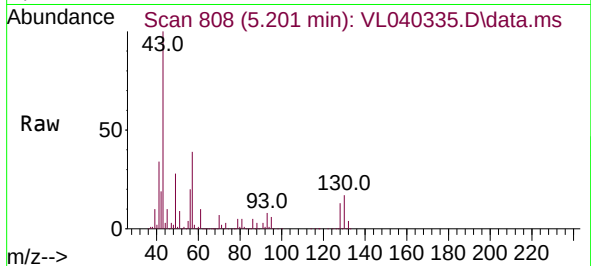
Tgt Ion: 63 Resp: 1166312
 Ion Ratio Lower Upper
 63 100
 98 3.6 2.4 7.2
 100 2.4 1.2 3.6





#25
Ethyl Acetate
Concen: 9.673 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

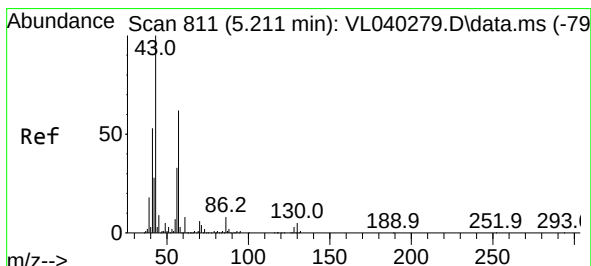
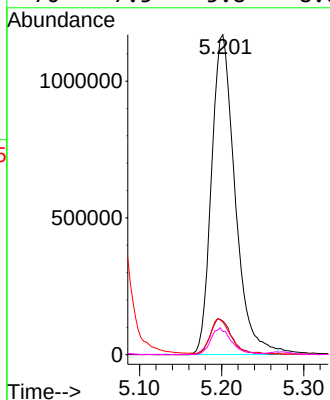
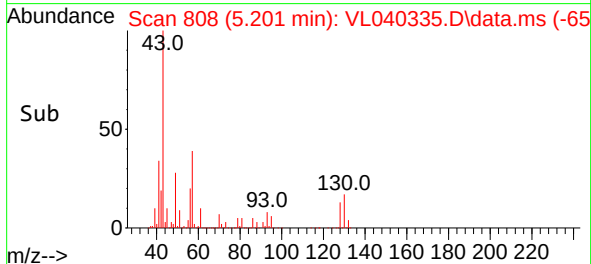
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



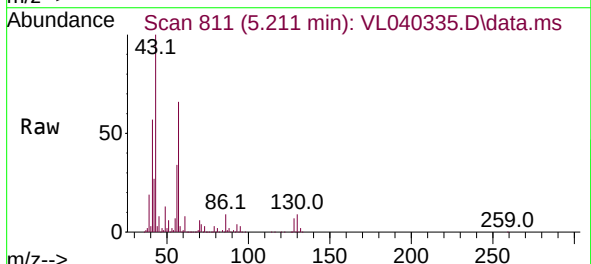
Tgt Ion: 43 Resp: 2325320
Ion Ratio Lower Upper
43 100
45 10.6 8.6 12.8
61 10.3 8.4 12.6
70 7.5 5.8 8.6

Manual Integrations
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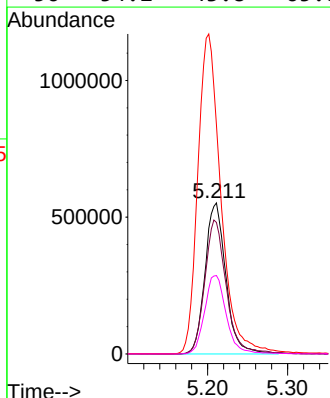
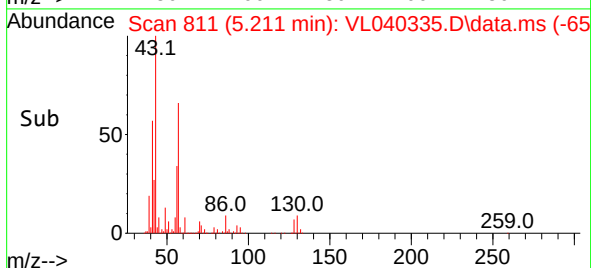
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

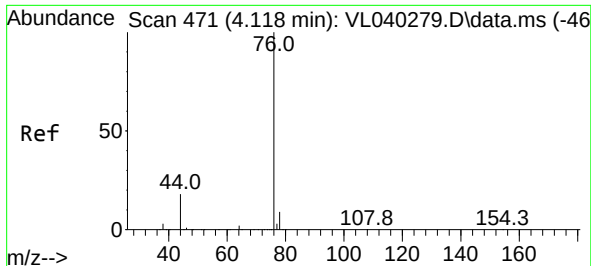


#26
Hexane
Concen: 10.139 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05



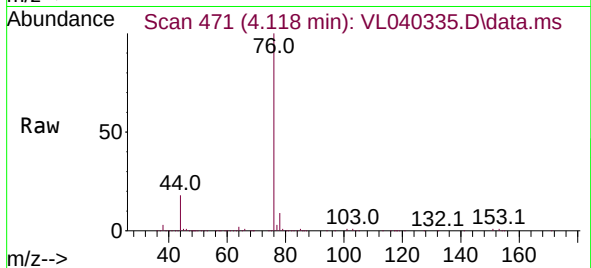
Tgt Ion: 57 Resp: 1000474
Ion Ratio Lower Upper
57 100
41 92.1 73.5 110.3
43 235.7 196.3 294.5
56 54.2 43.8 65.8





#27
Carbon Disulfide
Concen: 10.219 ppbv
RT: 4.118 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

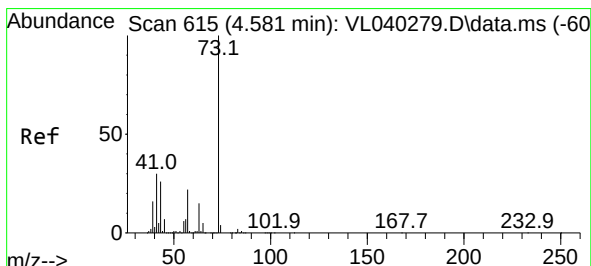
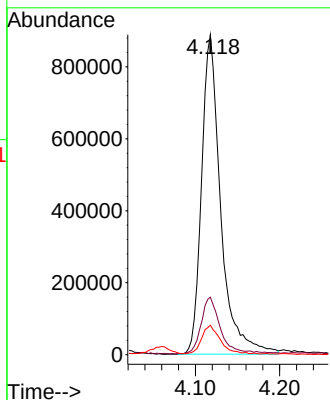
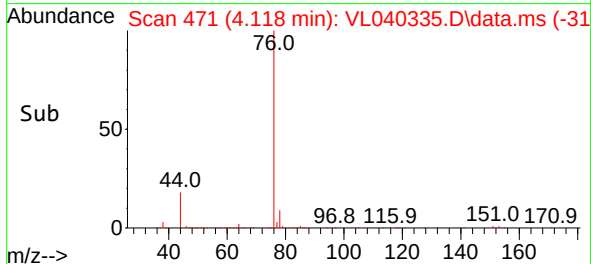
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



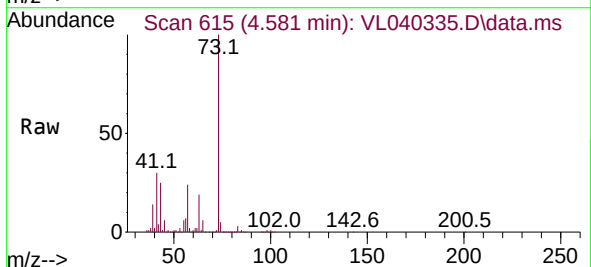
Tgt Ion: 76 Resp: 140843
Ion Ratio Lower Upper
76 100
44 18.2 15.2 22.8
78 9.6 7.6 11.4

Manual Integrations
APPROVED

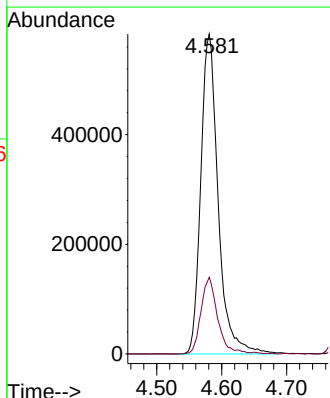
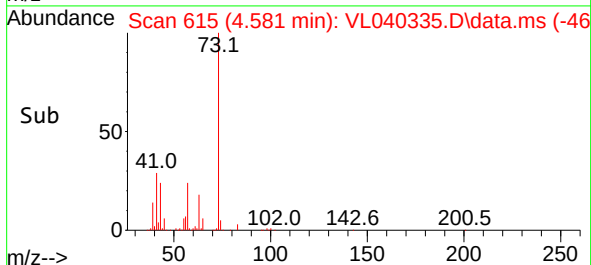
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

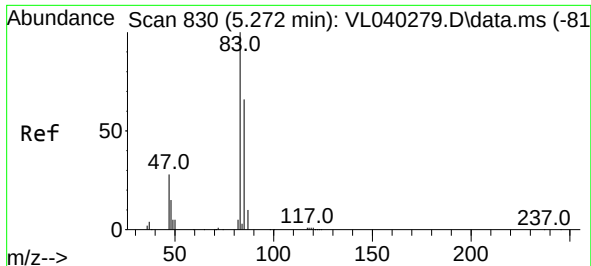


#28
Methyl tert-Butyl Ether
Concen: 9.580 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05



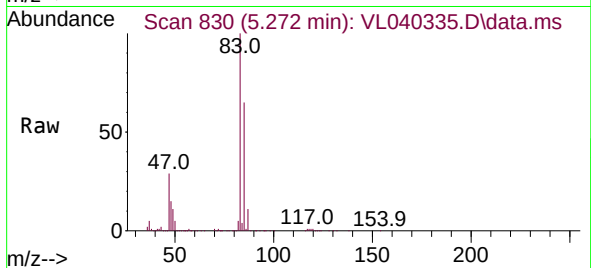
Tgt Ion: 73 Resp: 1085405
Ion Ratio Lower Upper
73 100
57 23.4 18.4 27.6





#29
Chloroform
Concen: 9.808 ppbv
RT: 5.272 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

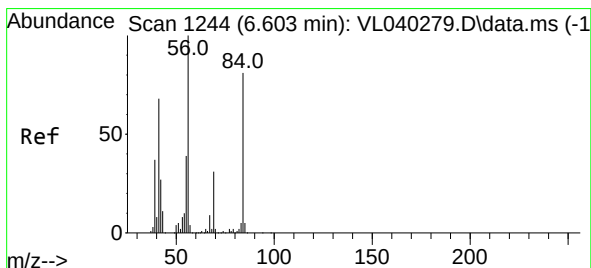
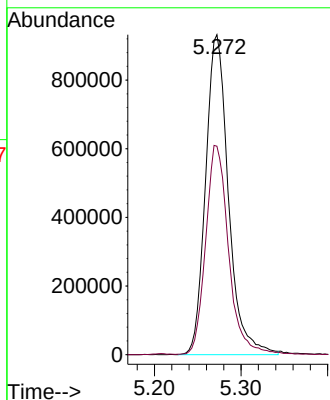
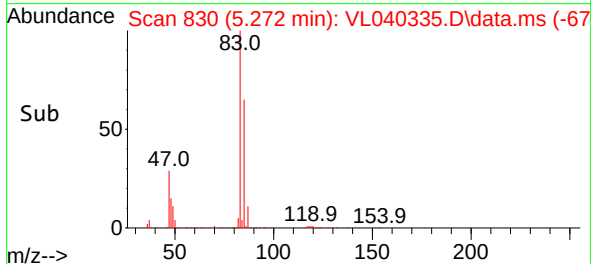
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 170895
Ion Ratio Lower Upper
83 100
85 65.0 52.8 79.2

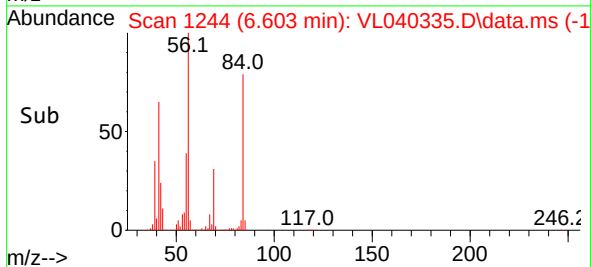
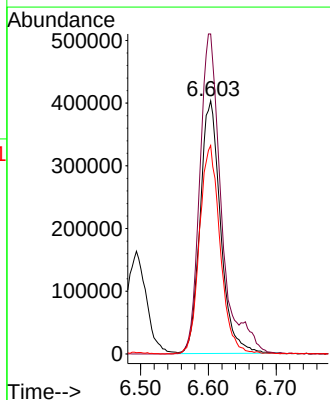
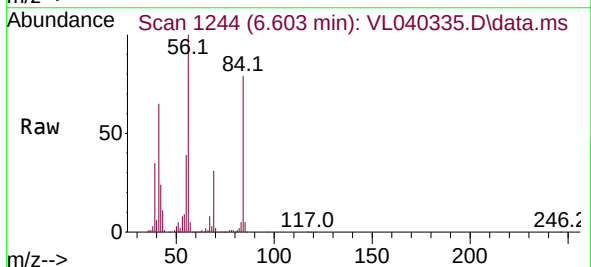
Manual Integrations
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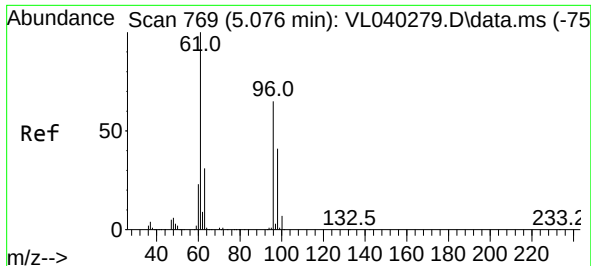
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#30
Cyclohexane
Concen: 10.855 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

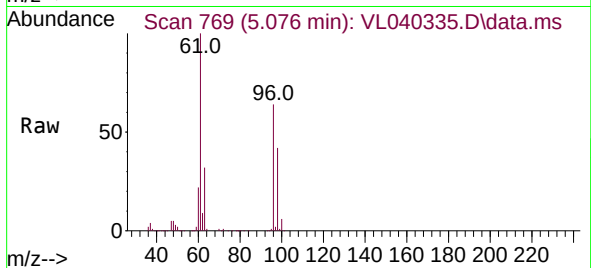
Tgt Ion: 84 Resp: 844054
Ion Ratio Lower Upper
84 100
56 134.5 109.0 163.4
41 83.9 67.9 101.9





#31
 cis-1,2-Dichloroethene
 Concen: 10.880 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05

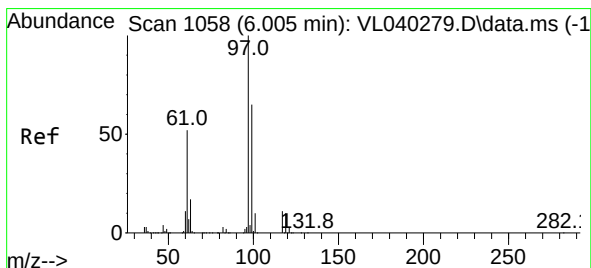
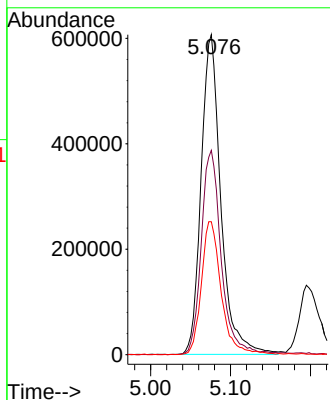
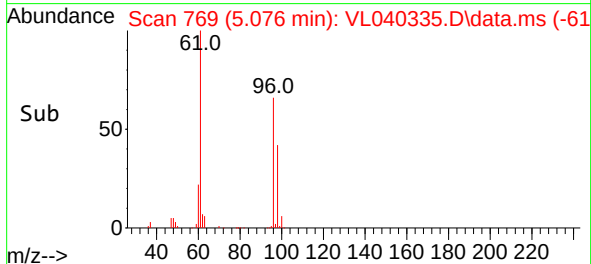
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



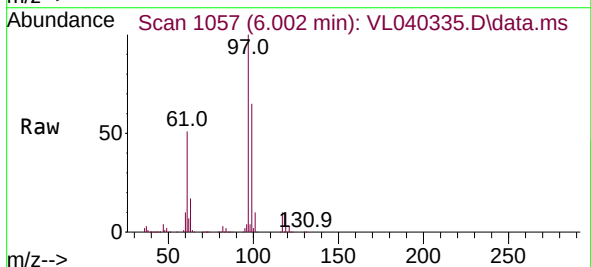
Tgt Ion: 61 Resp: 104556
 Ion Ratio Lower Upper
 61 100
 96 63.8 51.8 77.8
 98 41.6 32.5 48.7

Manual Integrations
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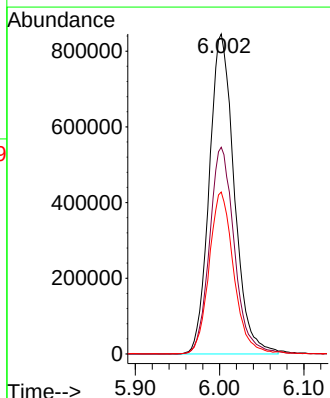
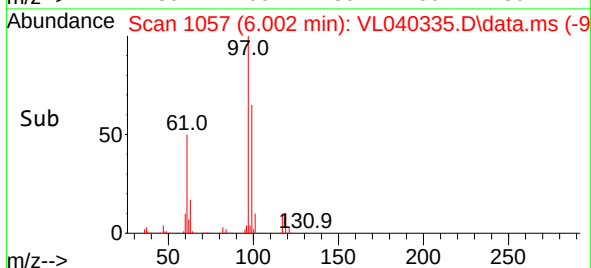
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

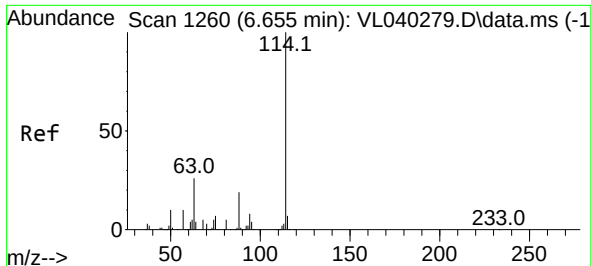


#32
 1,1,1-Trichloroethane
 Concen: 10.419 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.003 min
 Lab File: VL040335.D
 Acq: 12 Apr 2023 10:05



Tgt Ion: 97 Resp: 1739305
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.2 78.2
 61 50.3 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 1260

Delta R.T. -0.004 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 265279

Ion Ratio Lower Upper

114 100

63 25.8 21.2 31.8

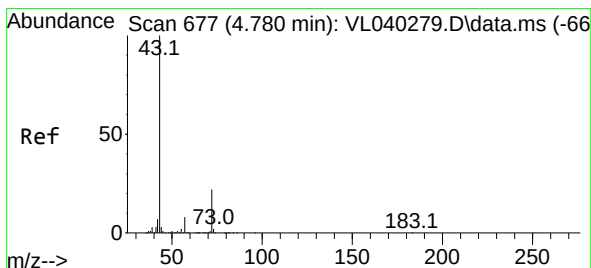
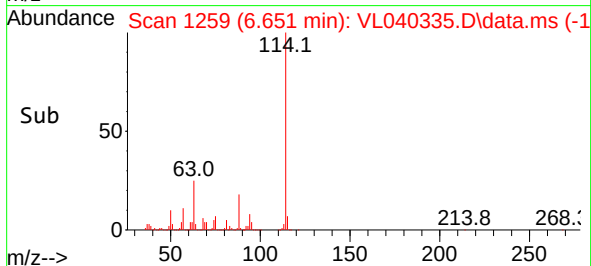
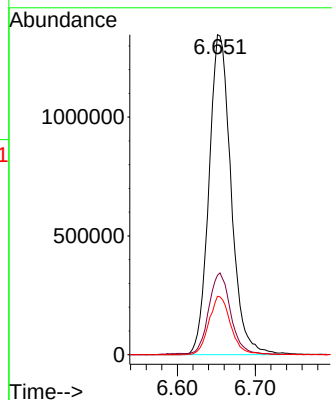
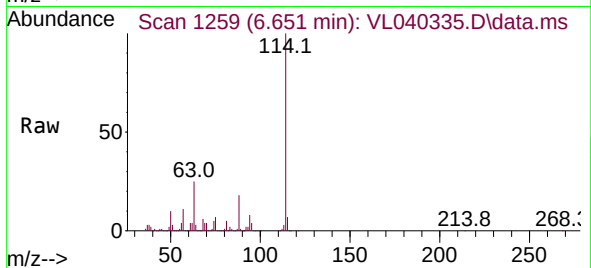
88 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#34

2-Butanone

Concen: 9.717 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.000 min

Lab File: VL040335.D

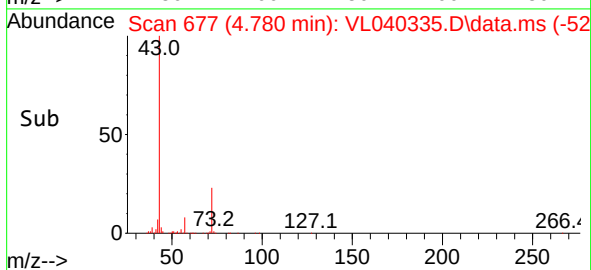
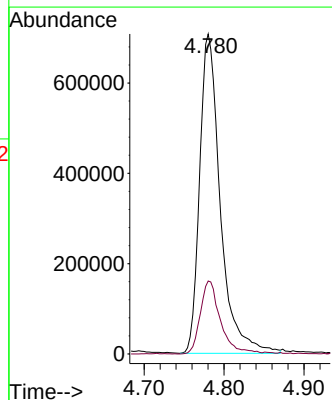
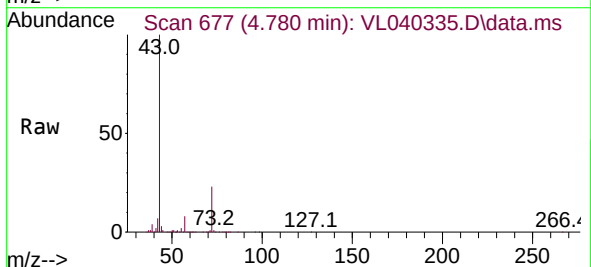
Acq: 12 Apr 2023 10:05

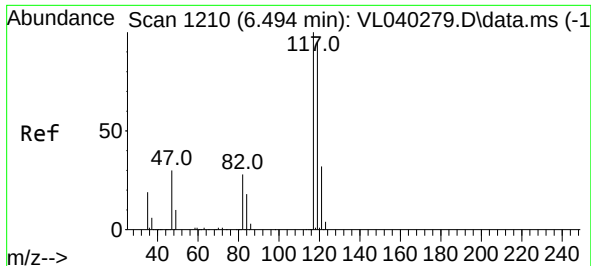
Tgt Ion: 43 Resp: 1272216

Ion Ratio Lower Upper

43 100

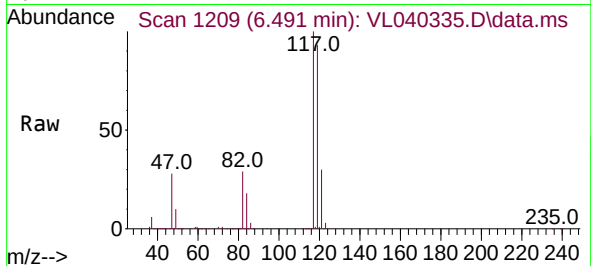
72 22.8 18.3 27.5





#35
Carbon Tetrachloride
Concen: 10.604 ppbv
RT: 6.491 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

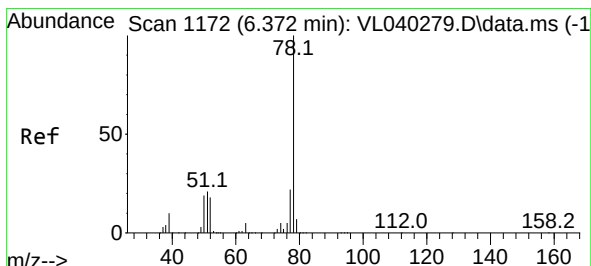
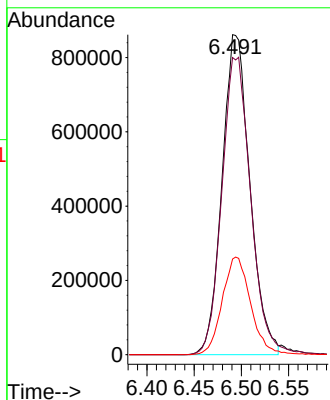
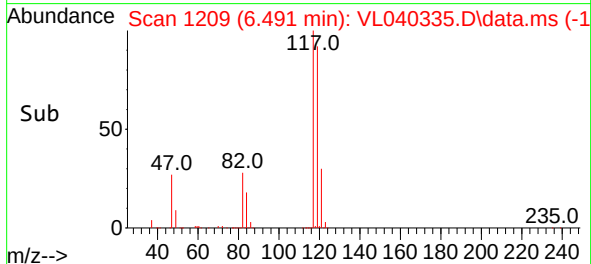
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 176523
Ion Ratio Lower Upper
117 100
119 92.9 76.4 114.6
121 29.9 25.6 38.4

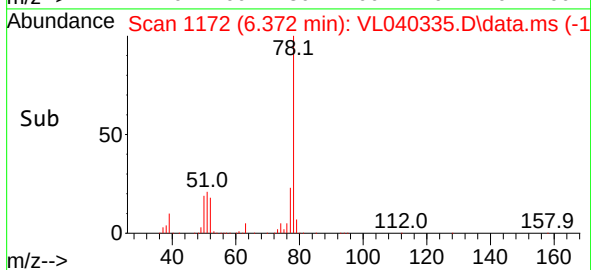
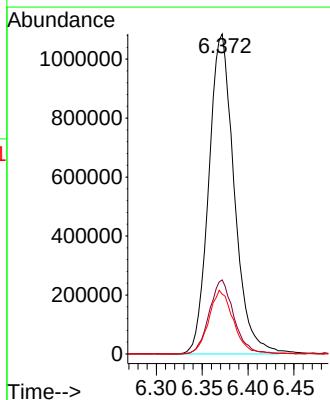
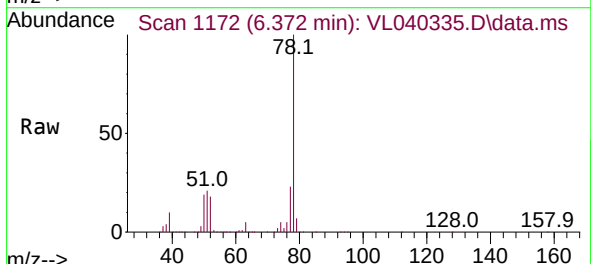
Manual Integrations
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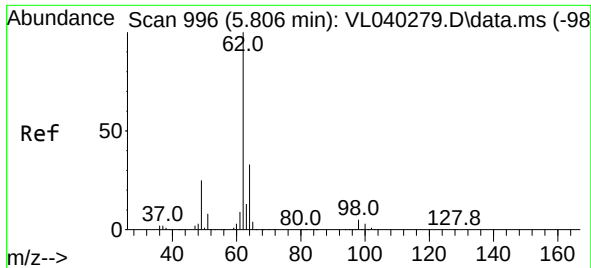
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#36
Benzene
Concen: 10.351 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

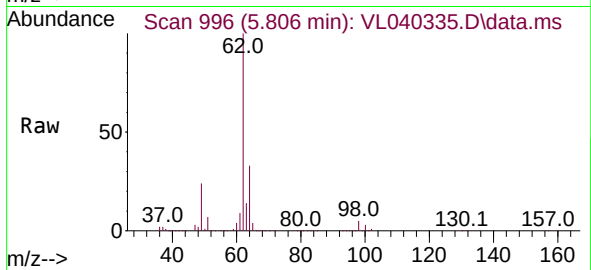
Tgt Ion: 78 Resp: 2092567
Ion Ratio Lower Upper
78 100
77 23.1 17.8 26.8
50 18.7 15.4 23.2





#37
1,2-Dichloroethane
Concen: 10.082 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

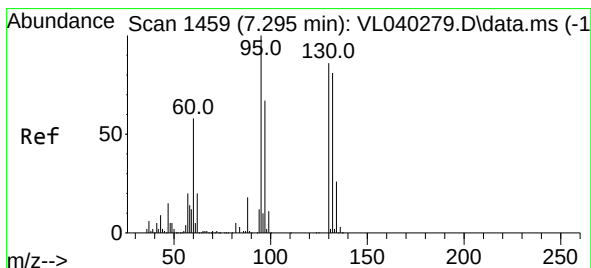
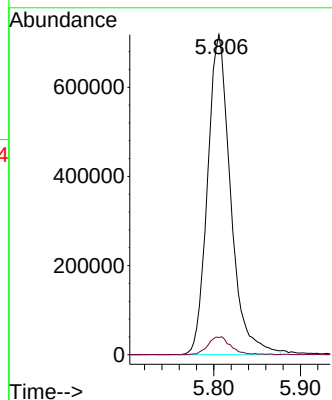
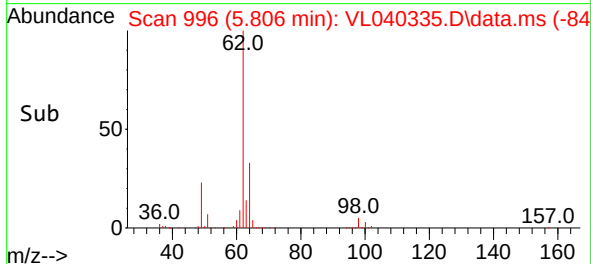
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 132668
Ion Ratio Lower Upper
62 100
98 5.6 4.3 6.5

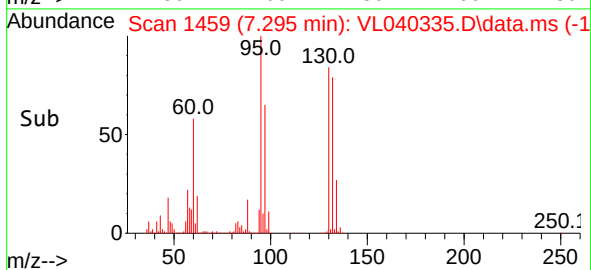
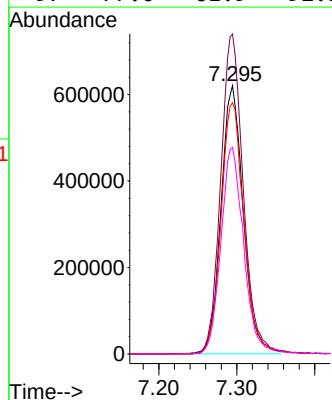
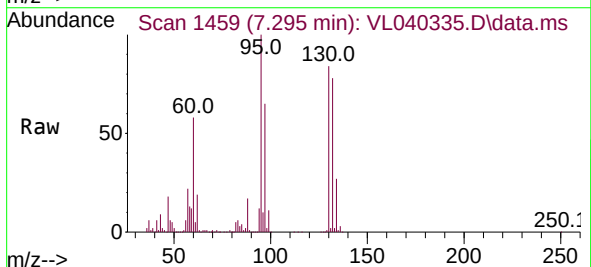
Manual Integrations
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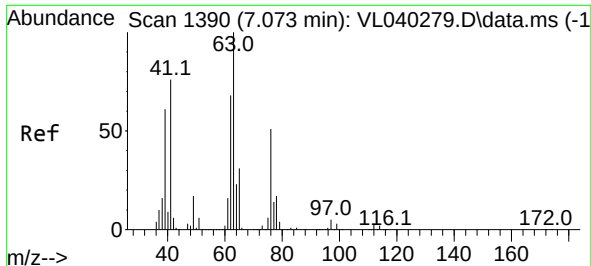
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#38
Trichloroethene
Concen: 11.152 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion:130 Resp: 1232053
Ion Ratio Lower Upper
130 100
95 119.4 93.0 139.4
132 93.7 75.3 112.9
97 77.0 61.9 92.9





#39

1,2-Dichloropropane

Concen: 10.062 ppbv

RT: 7.076 min Scan# 1390

Delta R.T. 0.003 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

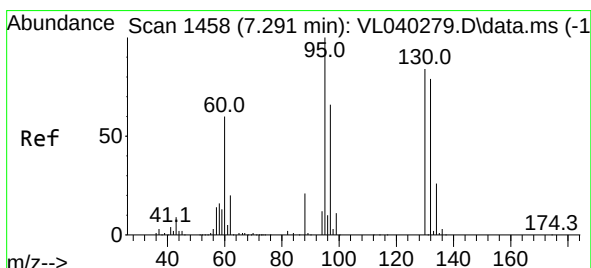
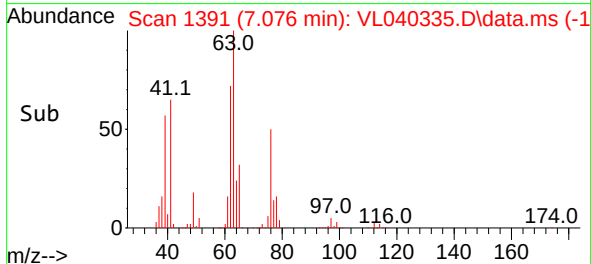
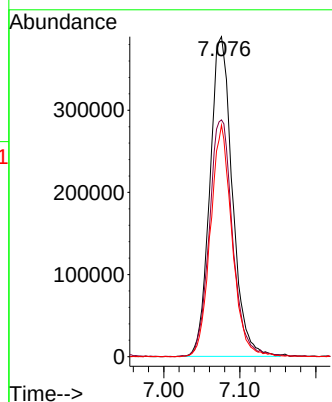
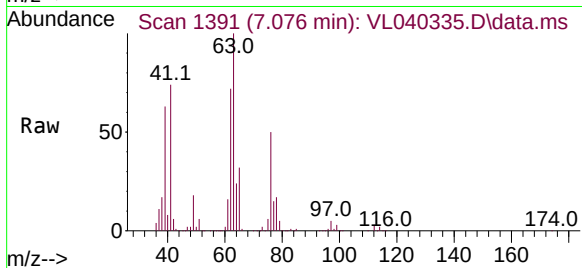
Tgt Ion: 63 Resp: 79805

Ion	Ratio	Lower	Upper
63	100		
41	73.9	60.8	91.2
62	72.4	54.1	81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#40

1,4-Dioxane

Concen: 9.337 ppbv

RT: 7.291 min Scan# 1458

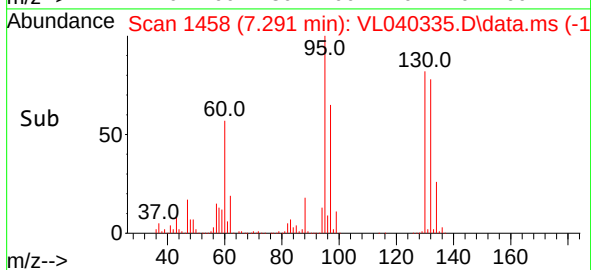
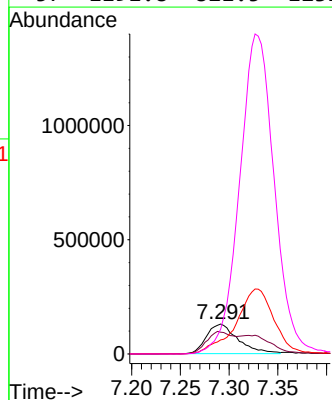
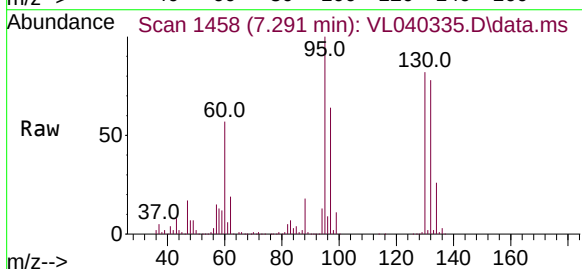
Delta R.T. 0.000 min

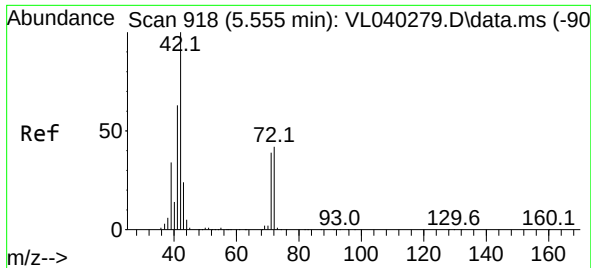
Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Tgt Ion: 88 Resp: 292994

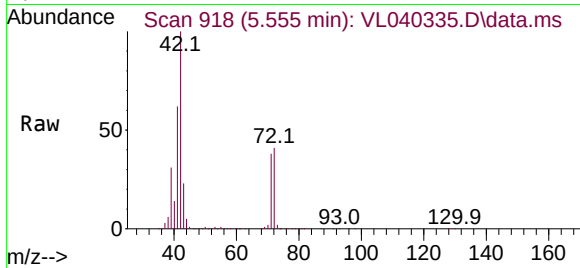
Ion	Ratio	Lower	Upper
88	100		
58	129.9	96.0	144.0
43	265.3	187.6	281.4
57	1191.8	821.5	1232.3





#41
Tetrahydrofuran
Concen: 10.128 ppbv
RT: 5.555 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

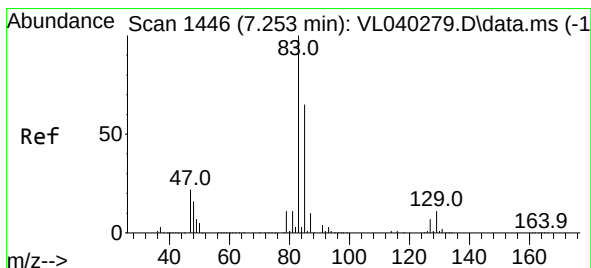
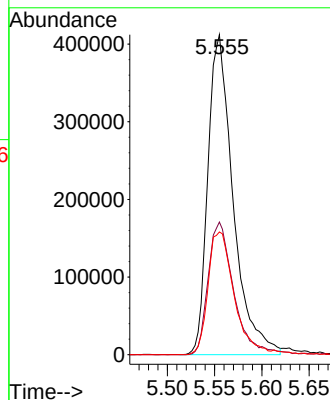
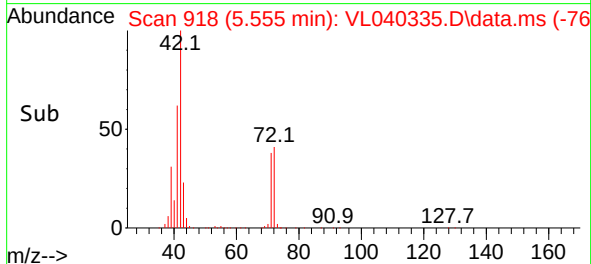
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 765308
Ion Ratio Lower Upper
42 100
72 42.4 32.6 49.0
71 40.5 31.0 46.4

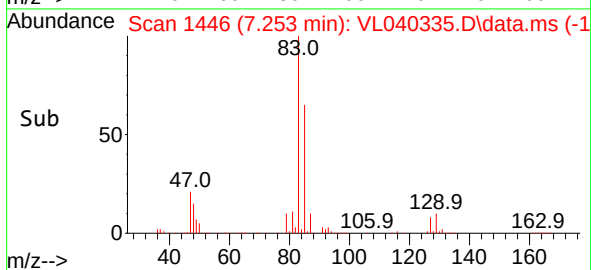
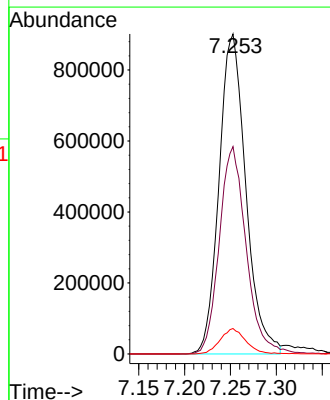
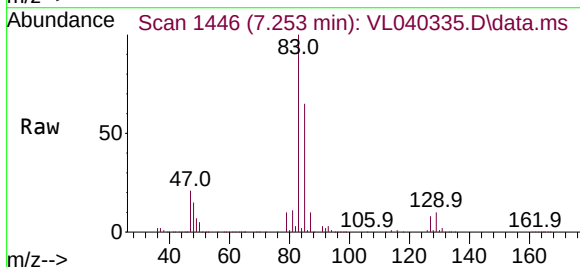
Manual Integrations
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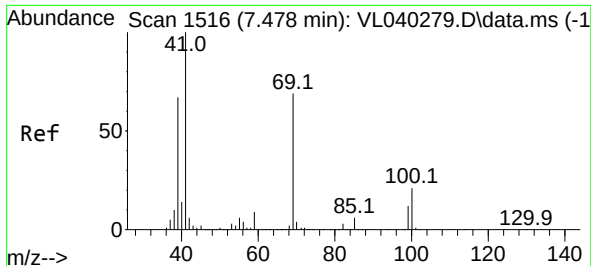
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#42
Bromodichloromethane
Concen: 10.175 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 83 Resp: 1829596
Ion Ratio Lower Upper
83 100
85 64.8 52.1 78.1
127 7.9 5.8 8.6





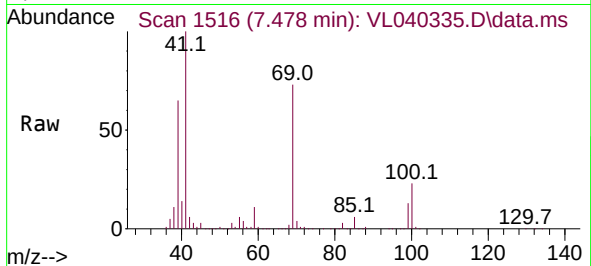
#43
Methyl Methacrylate
Concen: 11.053 ppbv
RT: 7.478 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

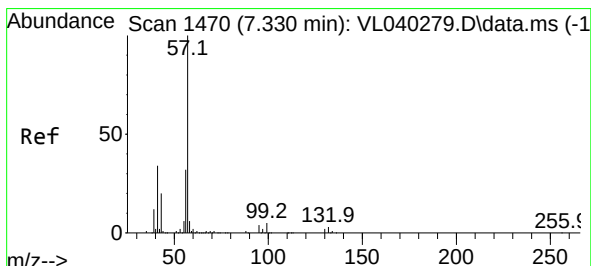
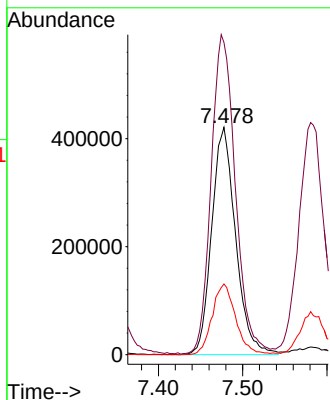
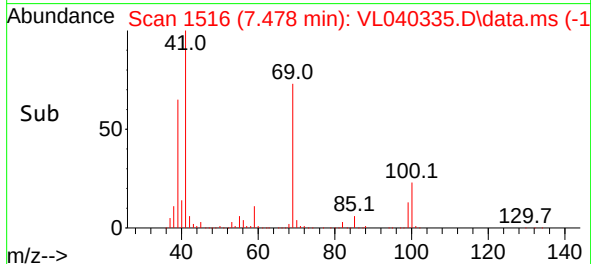


Tgt Ion: 69 Resp: 830382
Ion Ratio Lower Upper
69 100
41 142.4 116.9 175.3
100 30.6 24.2 36.4

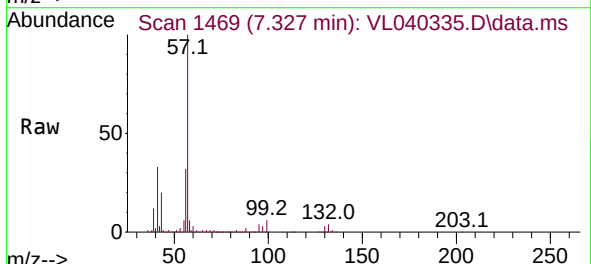
Manual Integrations

APPROVED

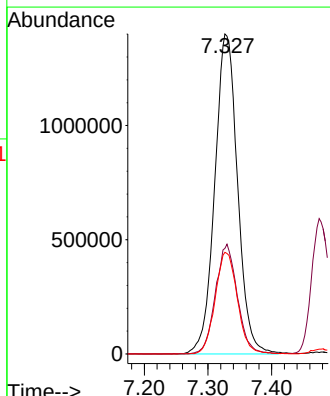
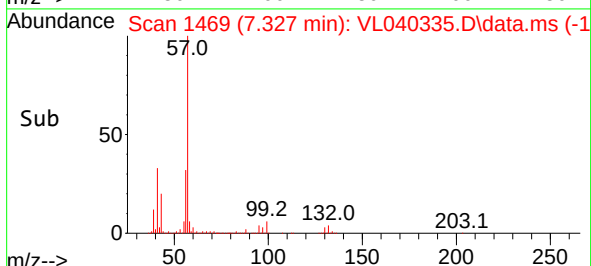
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

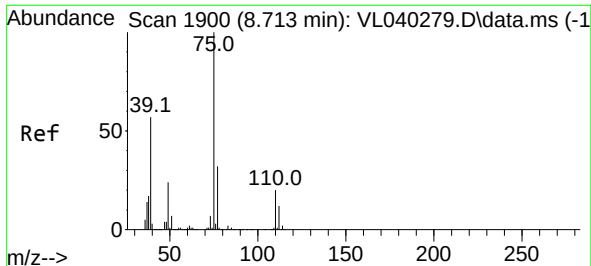


#44
2,2,4-Trimethylpentane
Concen: 10.339 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05



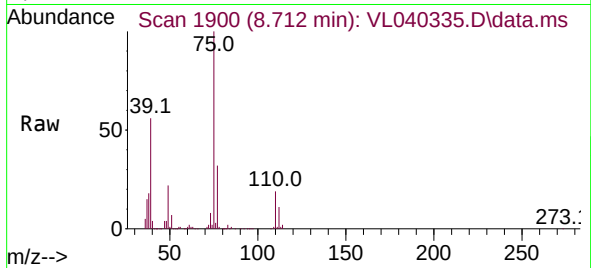
Tgt Ion: 57 Resp: 3484839
Ion Ratio Lower Upper
57 100
41 33.0 26.8 40.2
56 31.1 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 11.773 ppbv
RT: 8.712 min Scan# 1900
Delta R.T. -0.001 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

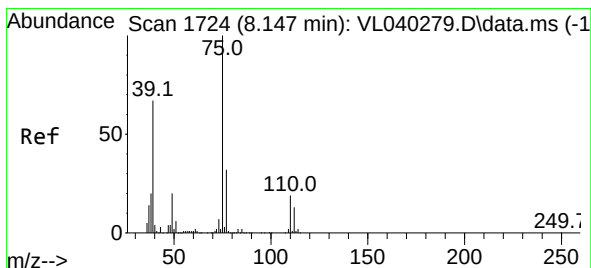
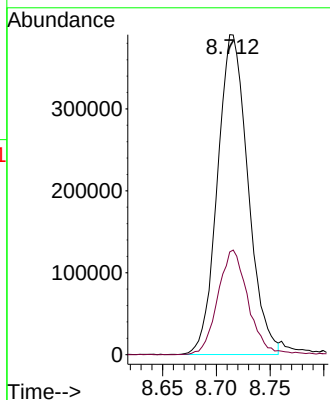
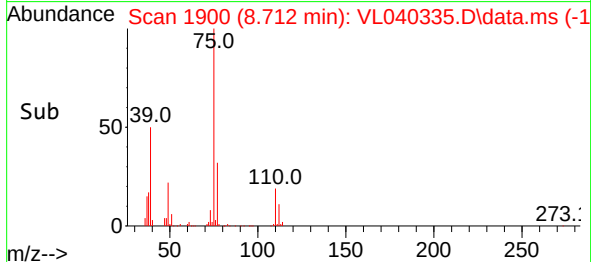
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 77105
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

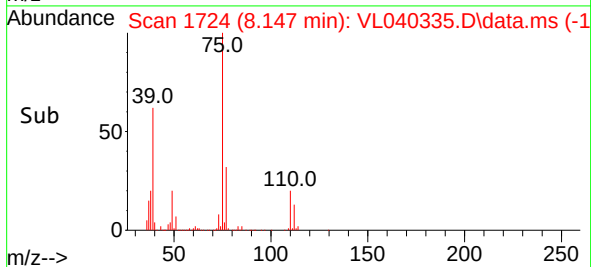
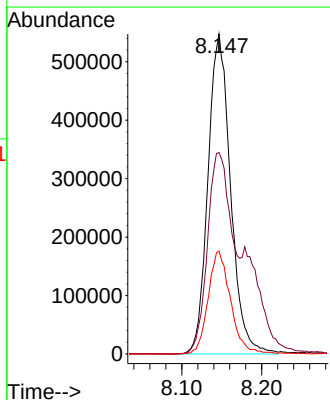
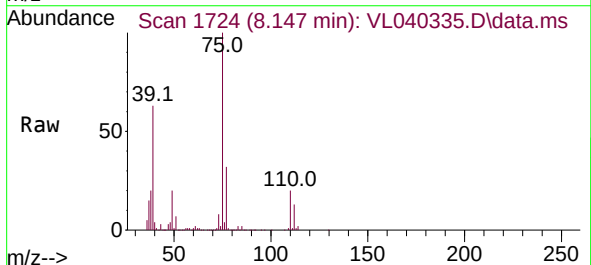
Manual Integrations
APPROVED

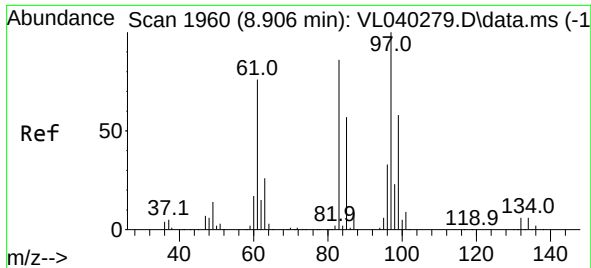
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#46
cis-1,3-Dichloropropene
Concen: 11.578 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 75 Resp: 1076818
Ion Ratio Lower Upper
75 100
39 62.8 53.9 80.9
77 32.2 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 10.046 ppbv
RT: 8.905 min Scan# 1960
Delta R.T. -0.001 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

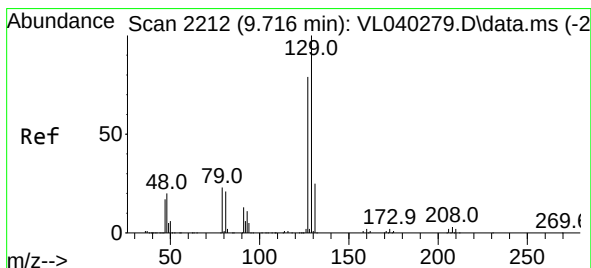
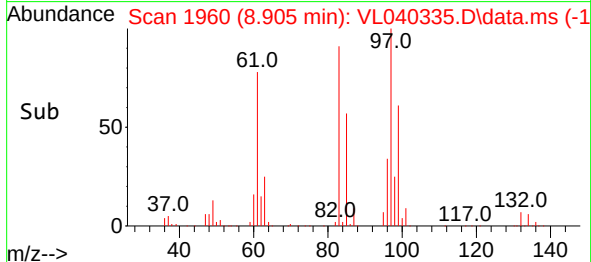
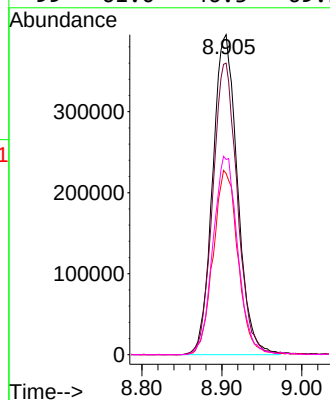
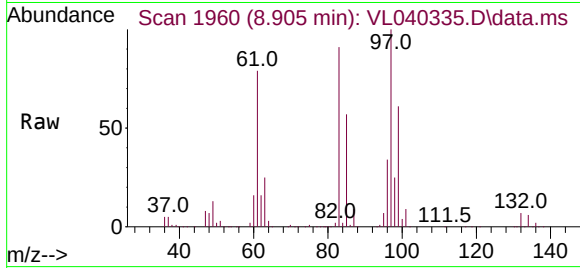
VSTDCCC010

Tgt Ion: 97 Resp: 85018
Ion Ratio Lower Upper
97 100
83 91.1 68.6 103.0
85 56.6 46.0 69.0
99 61.0 46.3 69.5

Manual Integrations

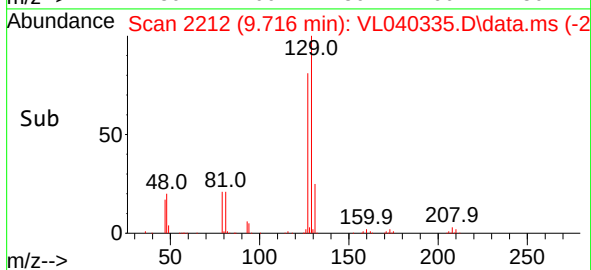
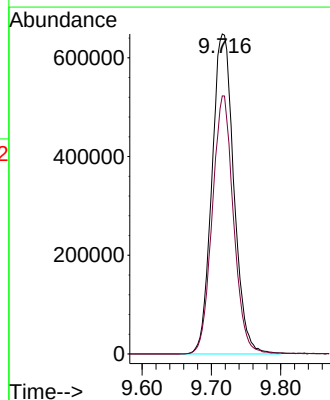
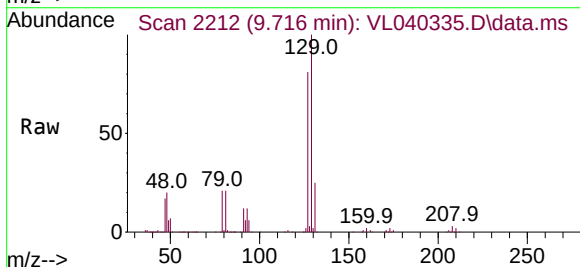
APPROVED

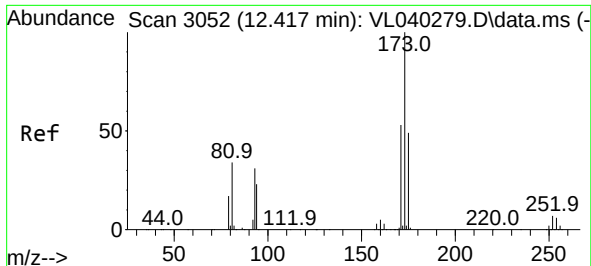
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#48
Dibromochloromethane
Concen: 10.253 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

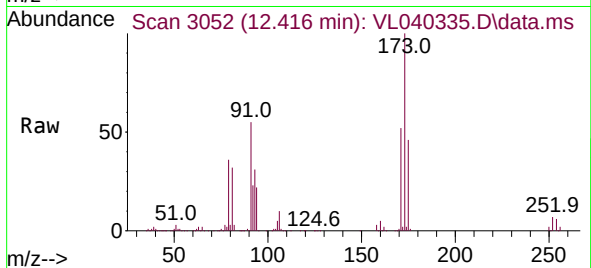
Tgt Ion:129 Resp: 1427973
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5





#49
Bromoform
Concen: 10.196 ppbv
RT: 12.416 min Scan# 3052
Delta R.T. -0.001 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

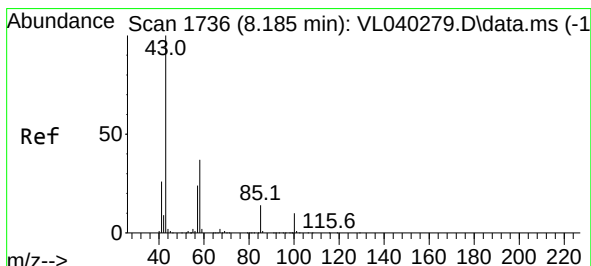
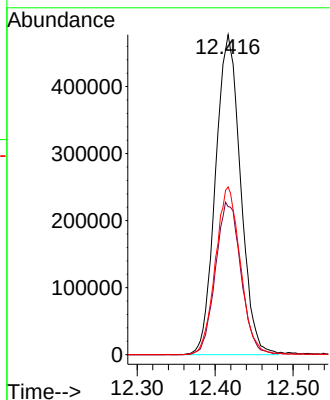
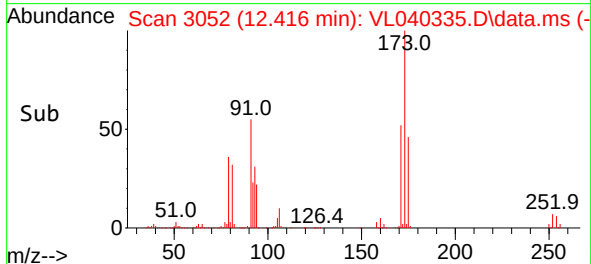
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



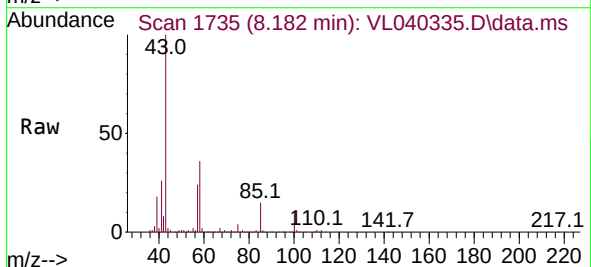
Tgt Ion: 173 Resp: 106644
Ion Ratio Lower Upper
173 100
175 48.7 39.8 59.8
171 52.4 42.2 63.4

Manual Integrations
APPROVED

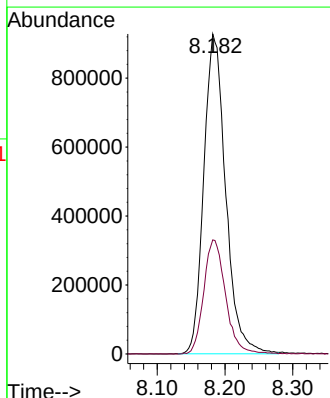
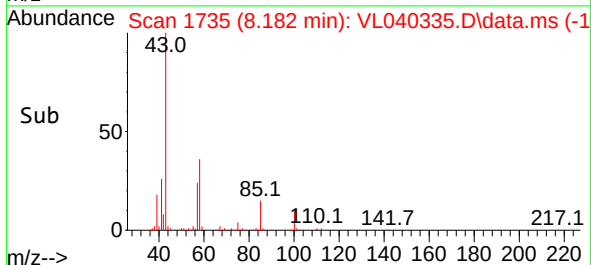
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

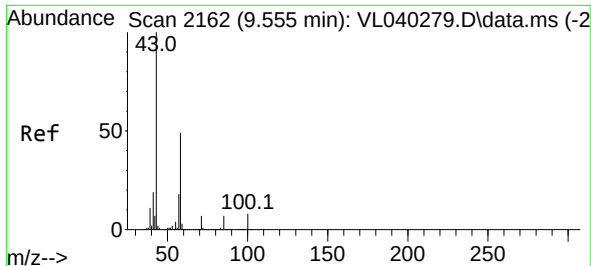


#50
4-Methyl-2-Pentanone
Concen: 10.260 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05



Tgt Ion: 43 Resp: 2078689
Ion Ratio Lower Upper
43 100
58 35.7 29.2 43.8





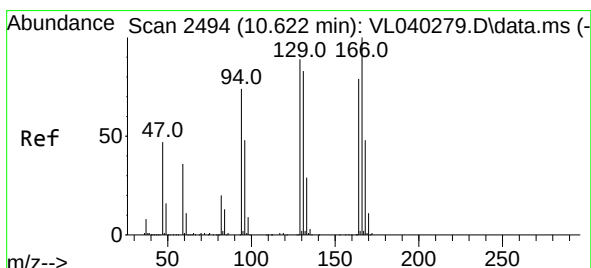
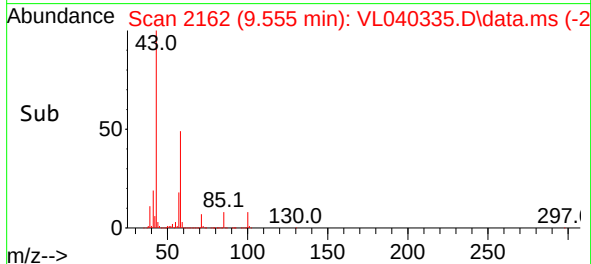
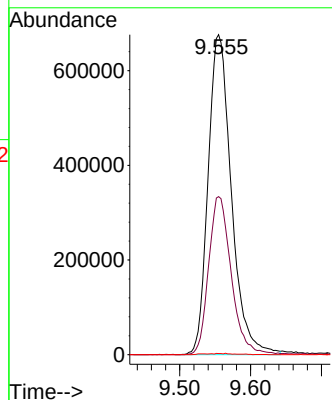
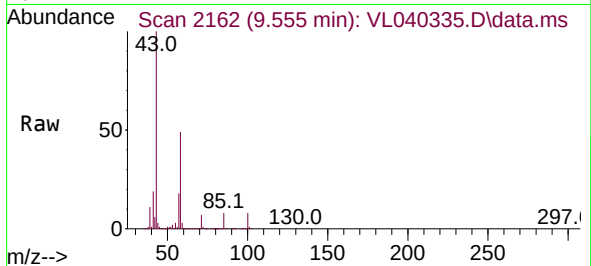
#51
2-Hexanone
Concen: 9.821 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1541534
Ion Ratio Lower Upper
43 100
58 48.6 38.0 57.0
98 0.5 0.5 0.7

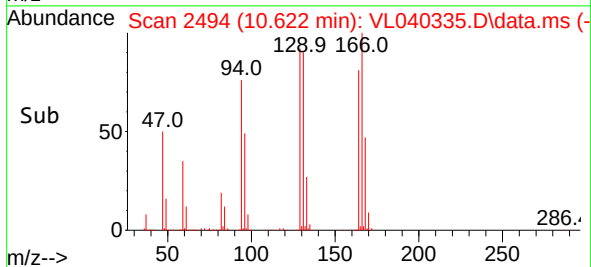
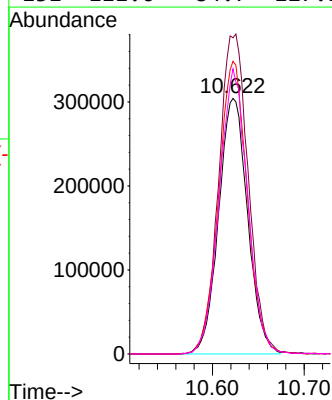
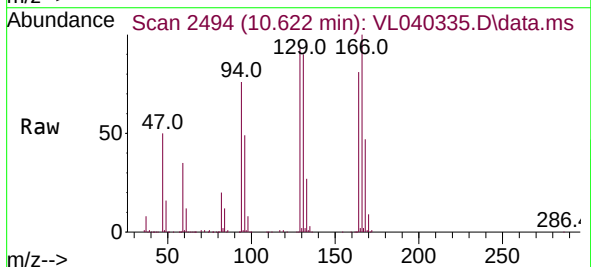
Manual Integrations
APPROVED

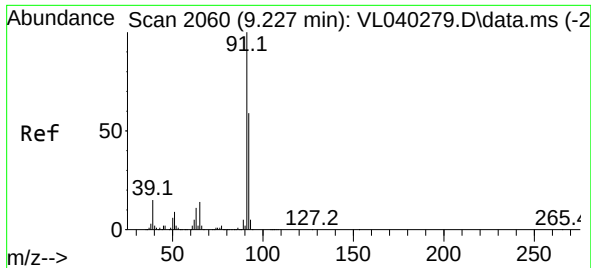
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#52
Tetrachloroethene
Concen: 10.905 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

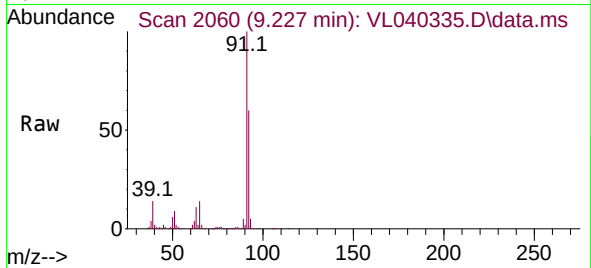
Tgt Ion:164 Resp: 666968
Ion Ratio Lower Upper
164 100
166 123.8 101.8 152.6
129 114.4 90.2 135.2
131 111.6 84.7 127.1





#53
Toluene
Concen: 10.880 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

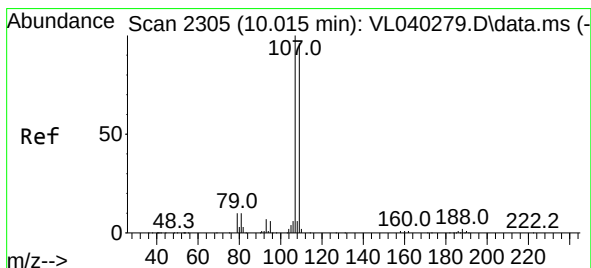
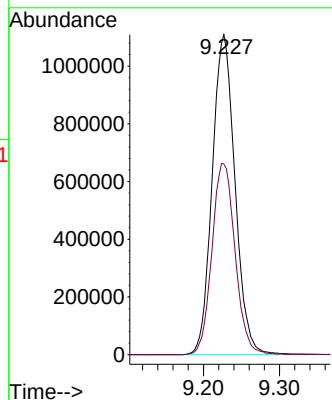
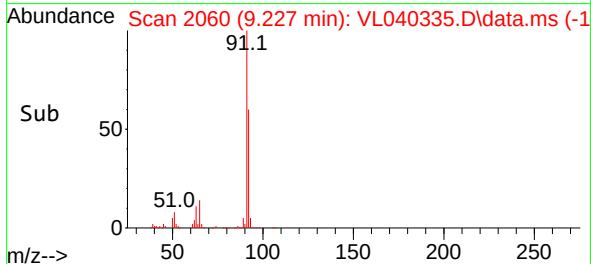
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



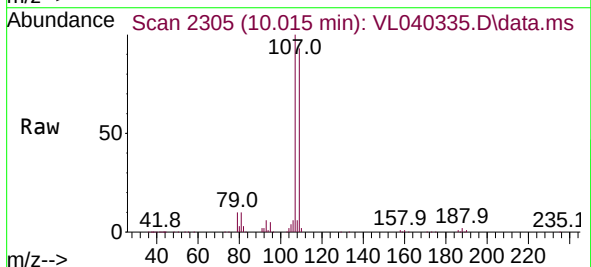
Tgt Ion: 91 Resp: 2305080
Ion Ratio Lower Upper
91 100
92 60.9 48.0 72.0

Manual Integrations
APPROVED

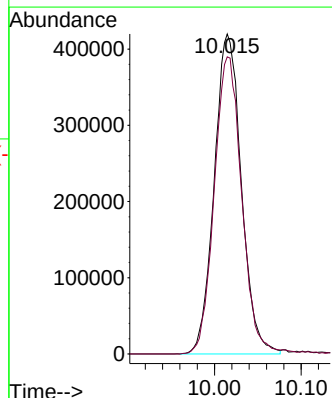
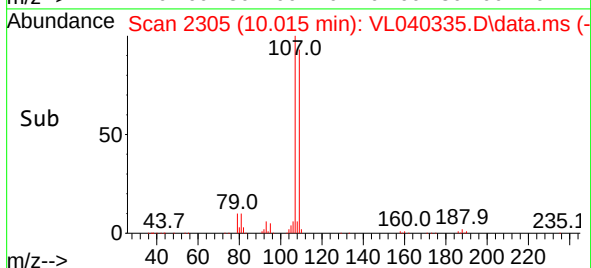
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

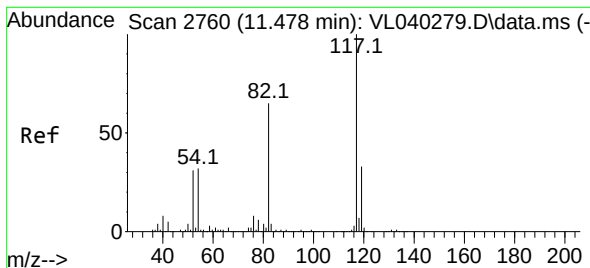


#54
1,2-Dibromoethane
Concen: 10.474 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05



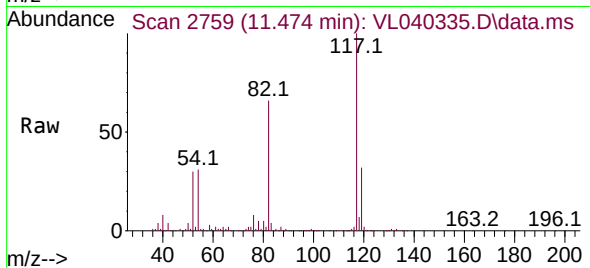
Tgt Ion:107 Resp: 912425
Ion Ratio Lower Upper
107 100
109 92.9 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.474 min Scan# 2760
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

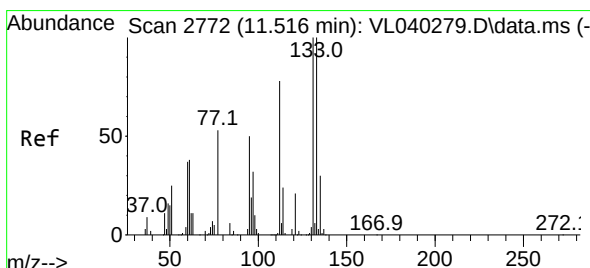
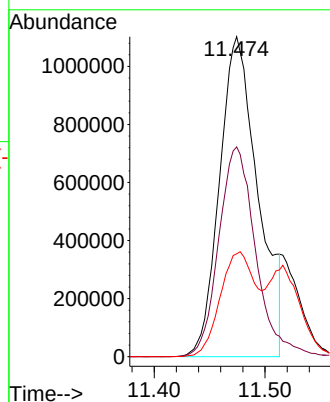
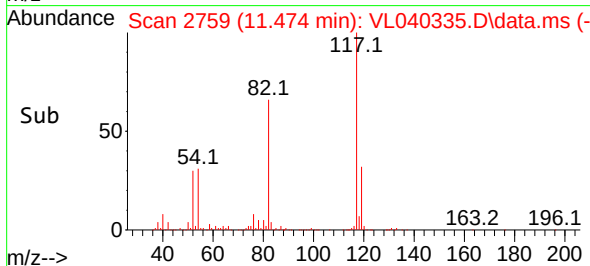
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 266380
Ion Ratio Lower Upper
117 100
82 63.0 51.4 77.2
119 28.4 24.0 36.0

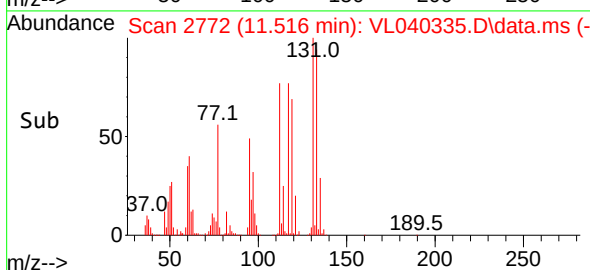
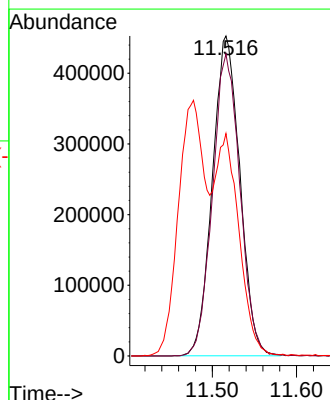
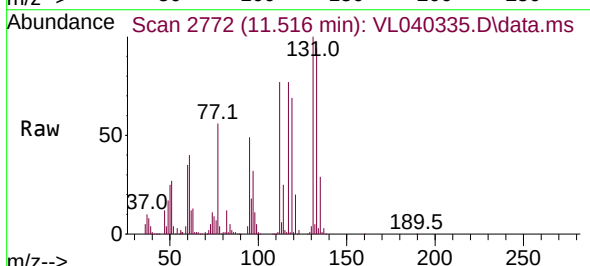
Manual Integrations
APPROVED

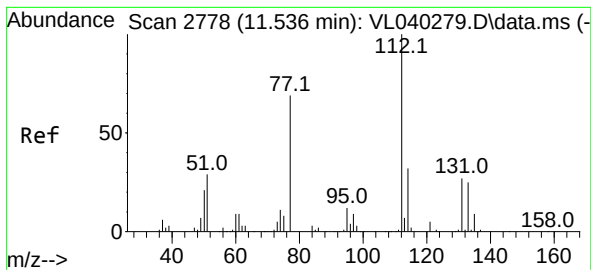
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.125 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

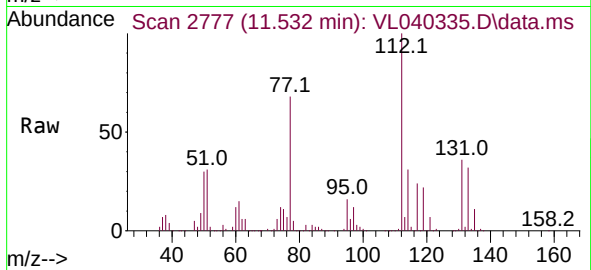
Tgt Ion:131 Resp: 1022506
Ion Ratio Lower Upper
131 100
133 94.8 76.5 114.7
119 66.9 47.9 71.9





#57
Chlorobenzene
Concen: 8.959 ppbv
RT: 11.532 min Scan# 21
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

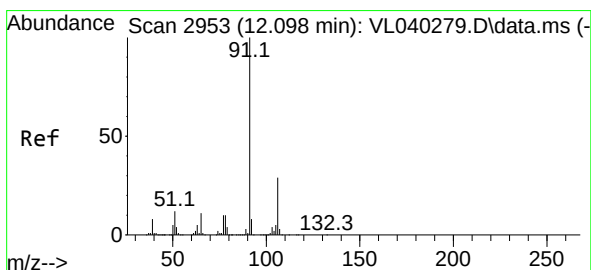
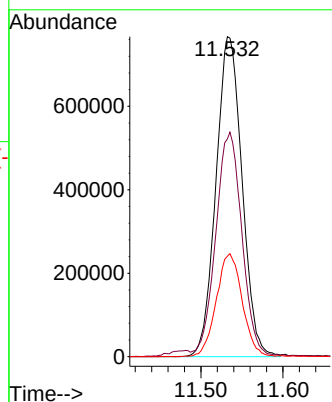
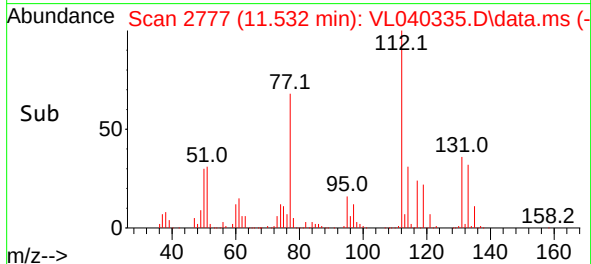
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 112 Resp: 1697530
Ion Ratio Lower Upper
112 100
77 67.7 56.2 84.2
114 31.3 29.0 35.4

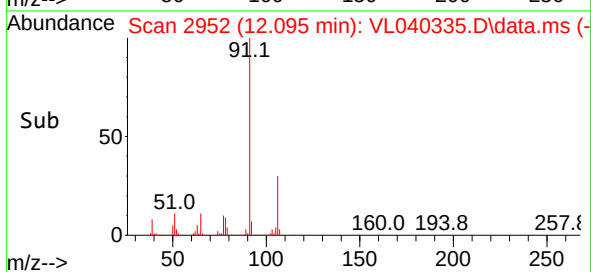
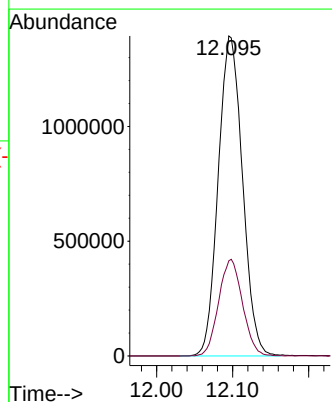
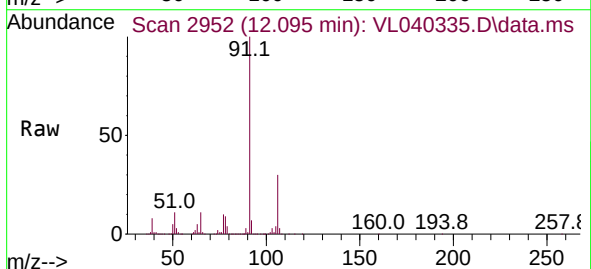
Manual Integrations
APPROVED

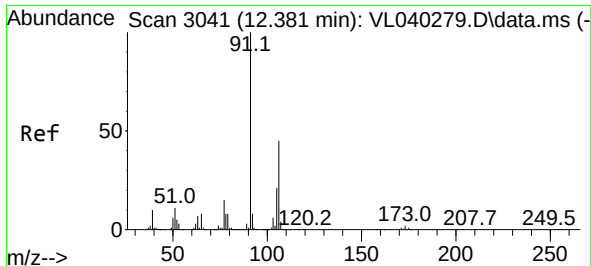
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#58
Ethyl Benzene
Concen: 10.168 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

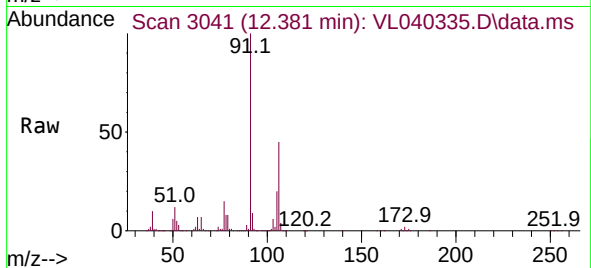
Tgt Ion: 91 Resp: 3084166
Ion Ratio Lower Upper
91 100
106 29.7 23.4 35.2





#59
m/p-Xylene
Concen: 19.053 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

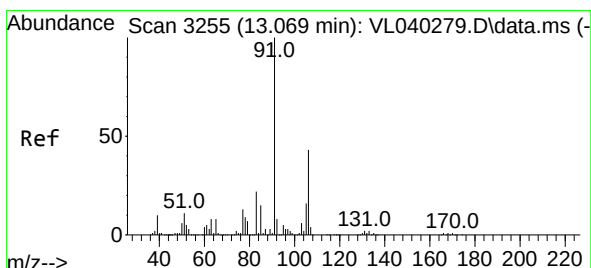
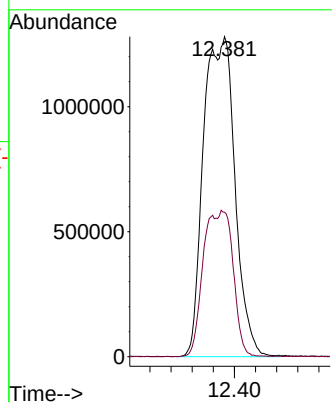
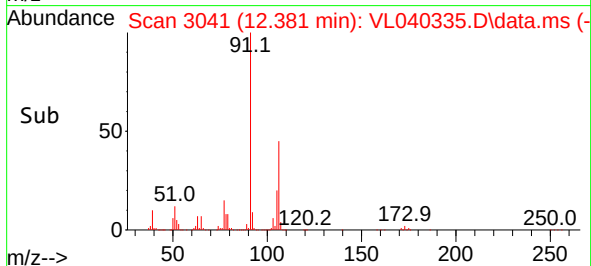
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



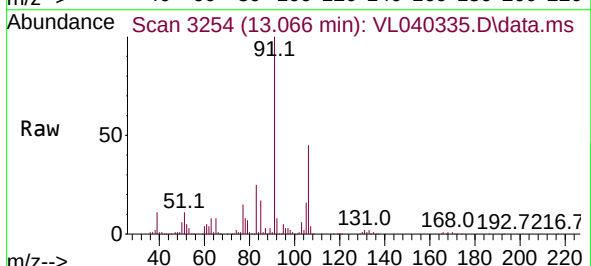
Tgt Ion: 91 Resp: 5294090
Ion Ratio Lower Upper
91 100
106 43.3 34.0 51.0

Manual Integrations
APPROVED

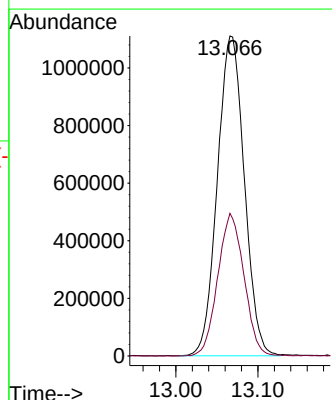
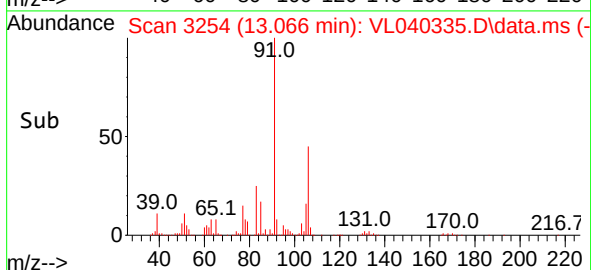
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

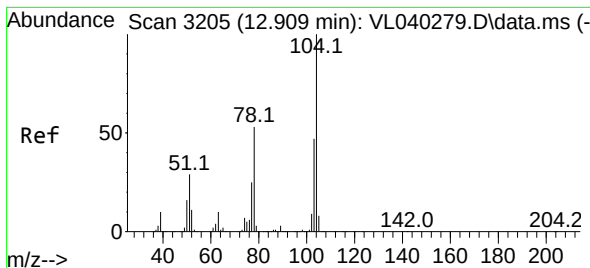


#60
o-Xylene
Concen: 9.553 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05



Tgt Ion: 91 Resp: 2537580
Ion Ratio Lower Upper
91 100
106 43.3 21.7 65.1





#61

Styrene

Concen: 10.582 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.004 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 142630

Ion Ratio Lower Upper

104 100

78 54.0 43.7 65.5

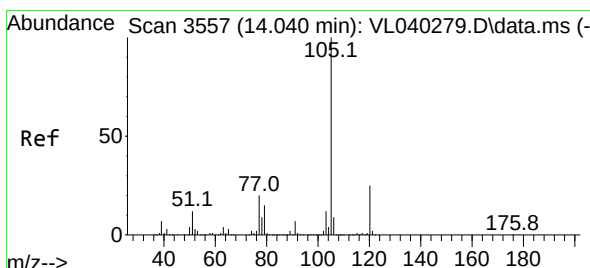
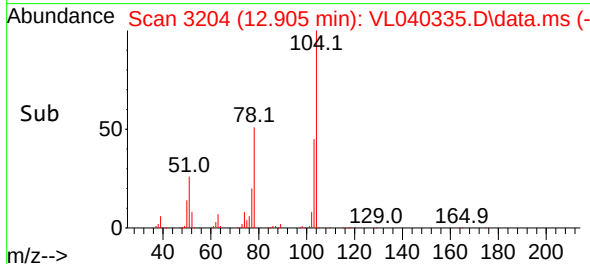
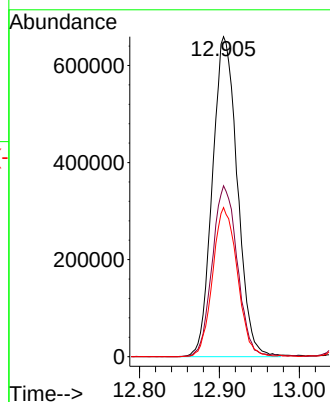
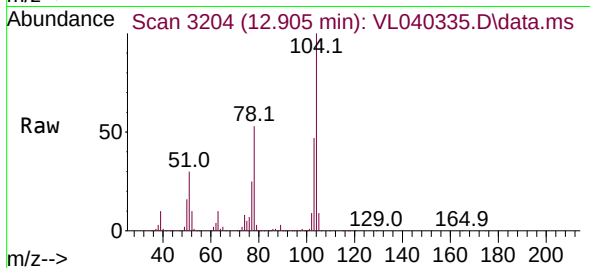
103 46.4 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#62

Isopropylbenzene

Concen: 9.384 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. -0.003 min

Lab File: VL040335.D

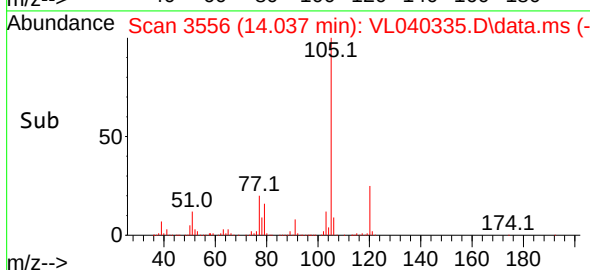
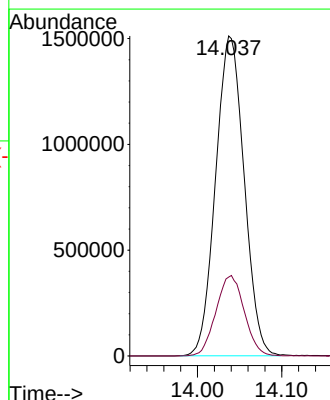
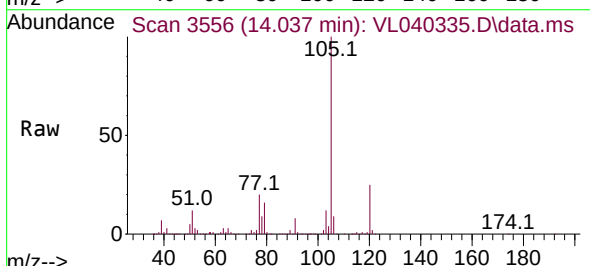
Acq: 12 Apr 2023 10:05

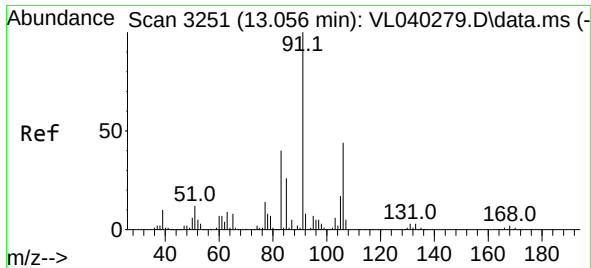
Tgt Ion:105 Resp: 3549411

Ion Ratio Lower Upper

105 100

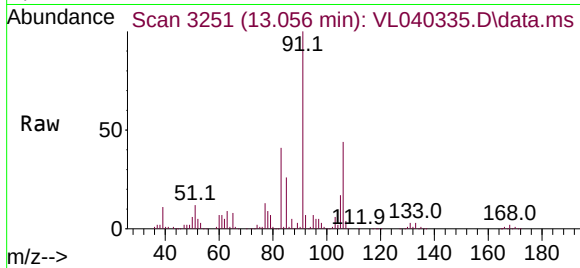
120 25.0 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.484 ppbv
RT: 13.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

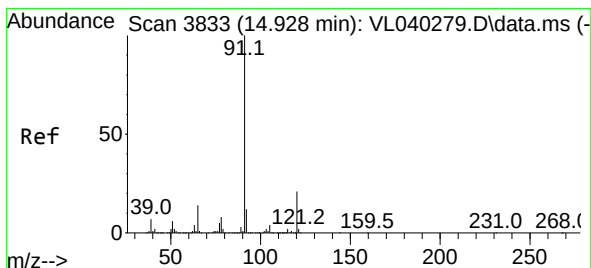
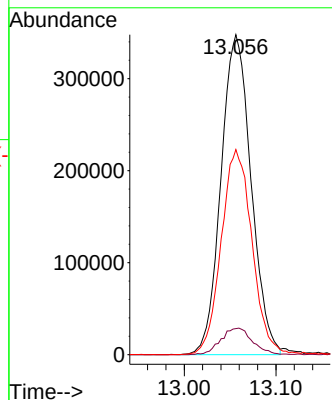
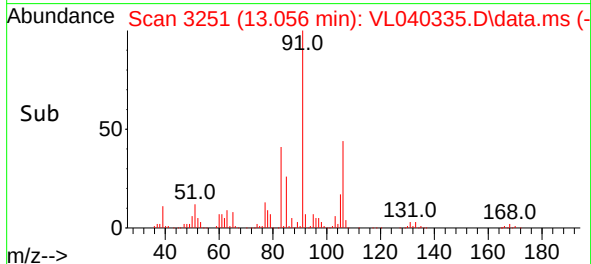
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



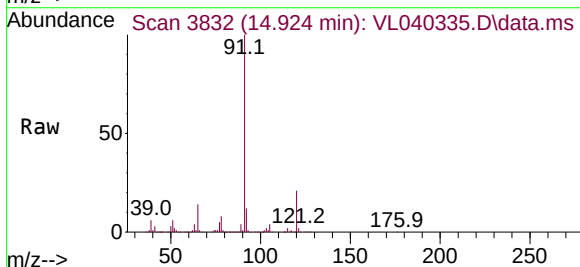
Tgt Ion: 83 Resp: 792940
Ion Ratio Lower Upper
83 100
131 8.8 4.3 12.9
85 66.2 32.7 98.1

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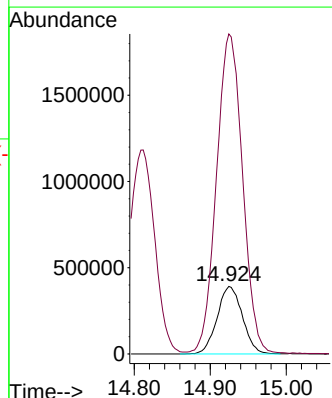
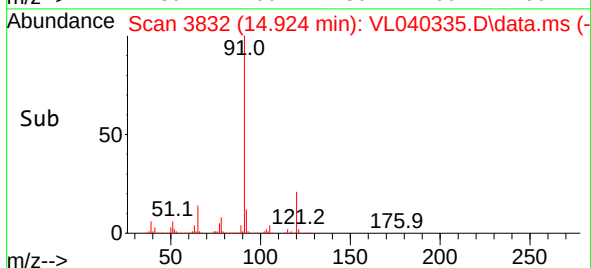
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

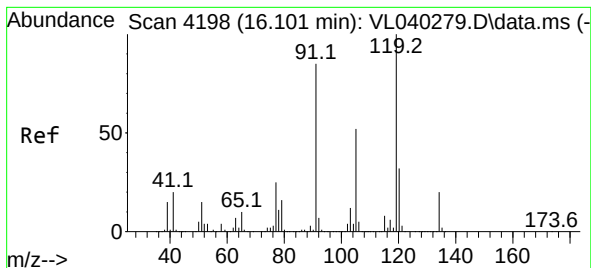


#64
n-propylbenzene
Concen: 9.749 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05



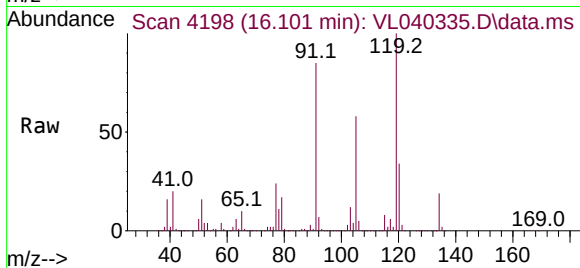
Tgt Ion:120 Resp: 902428
Ion Ratio Lower Upper
120 100
91 492.3 399.0 598.6





#65
tert-Butylbenzene
Concen: 9.665 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

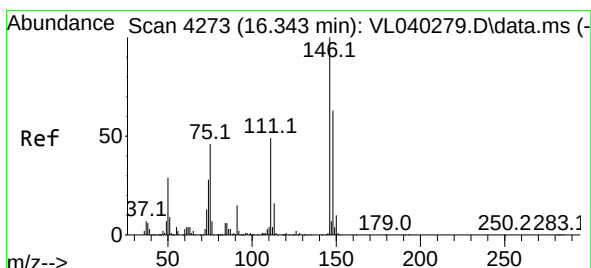
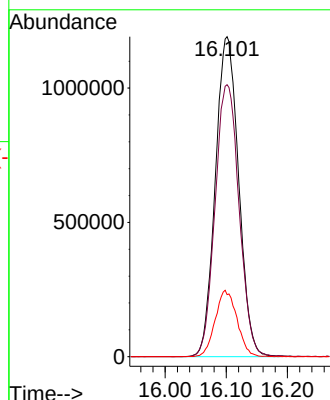
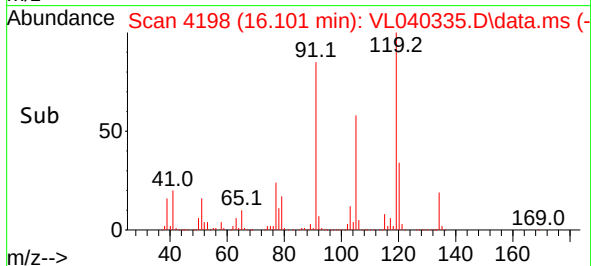
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 119 Resp: 3150580
Ion Ratio Lower Upper
119 100
91 87.8 69.4 104.2
134 19.5 15.8 23.6

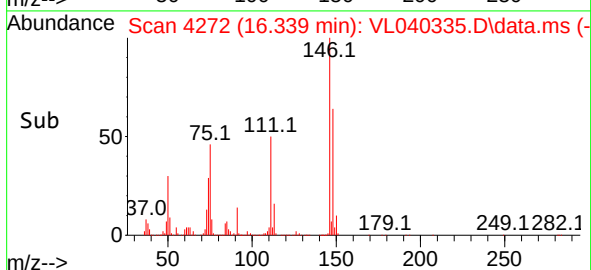
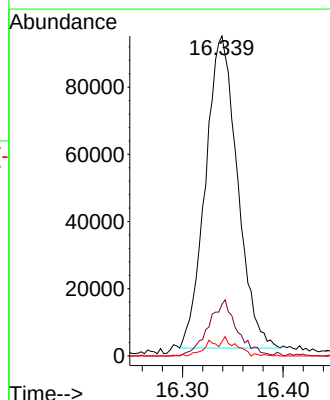
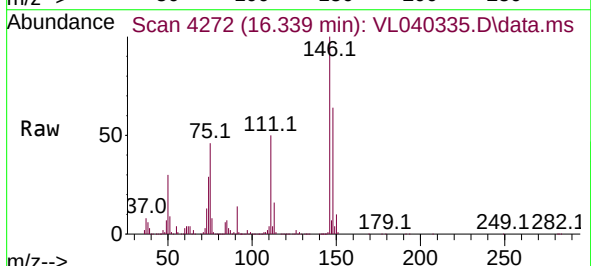
Manual Integrations
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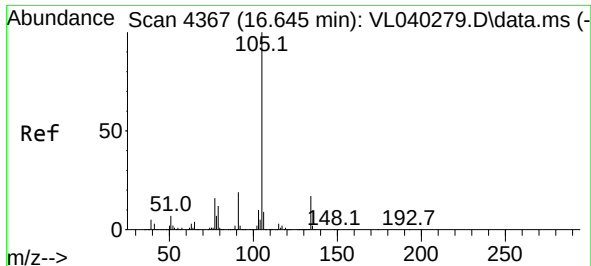
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#66
Benzyl Chloride
Concen: 9.688 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion: 91 Resp: 205244
Ion Ratio Lower Upper
91 100
126 16.6 12.1 18.1
128 5.1 3.8 5.6





#67

sec-Butylbenzene

Concen: 9.798 ppbv

RT: 16.648 min Scan# 4367

Delta R.T. 0.003 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 4567390

Ion Ratio Lower Upper

105 100

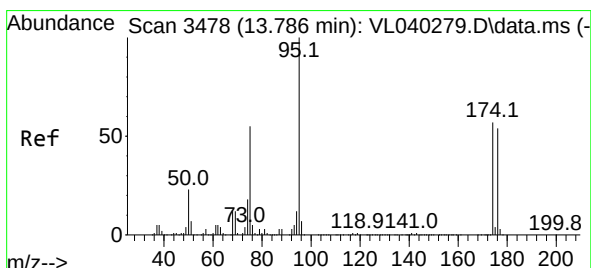
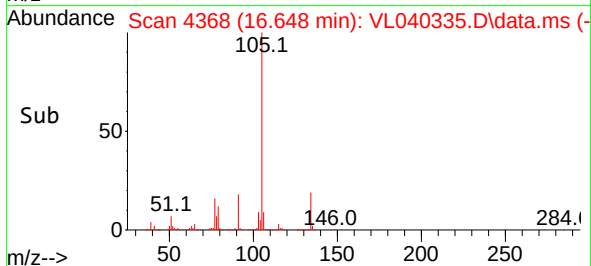
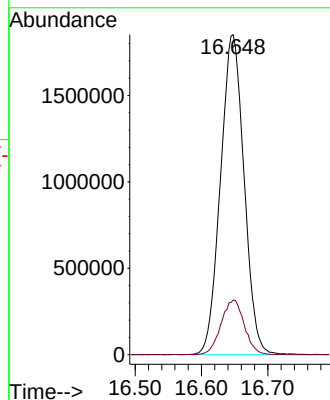
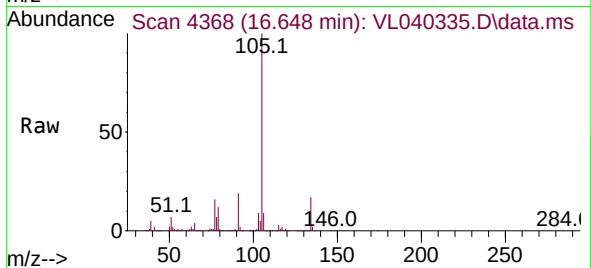
134 16.9 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 9.294 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.000 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

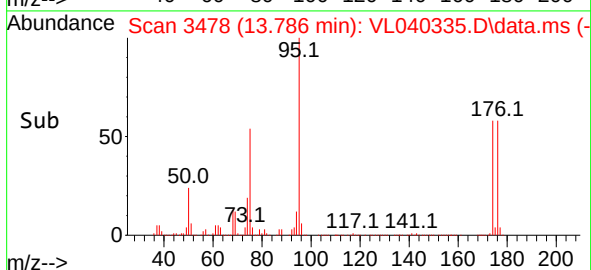
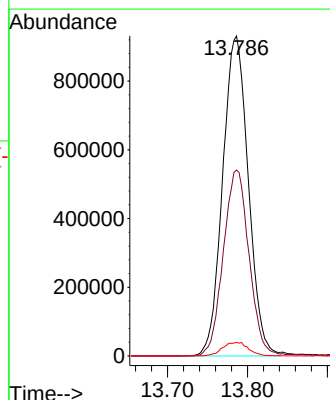
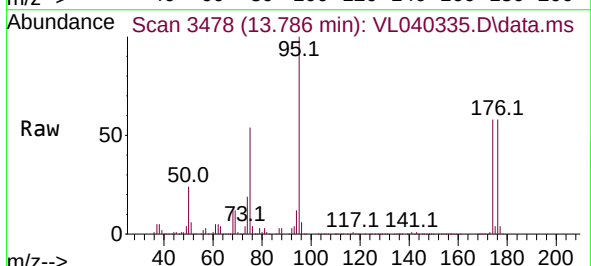
Tgt Ion: 95 Resp: 2073115

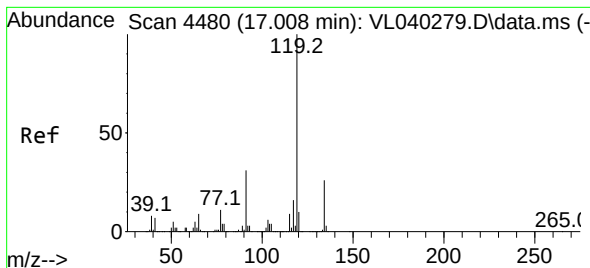
Ion Ratio Lower Upper

95 100

174 59.0 47.0 70.6

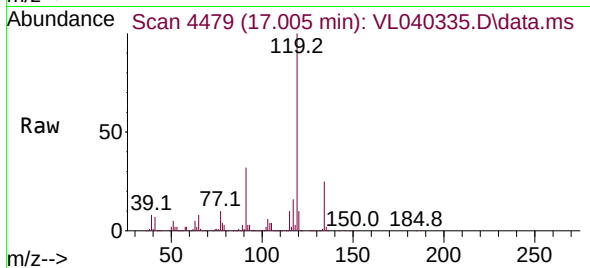
175 4.4 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.222 ppbv
RT: 17.005 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

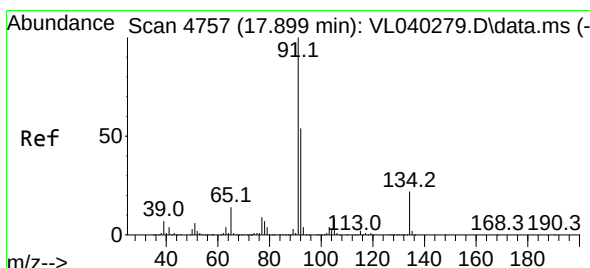
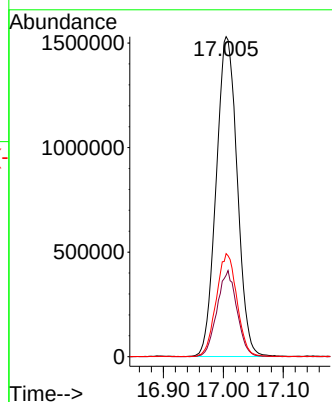
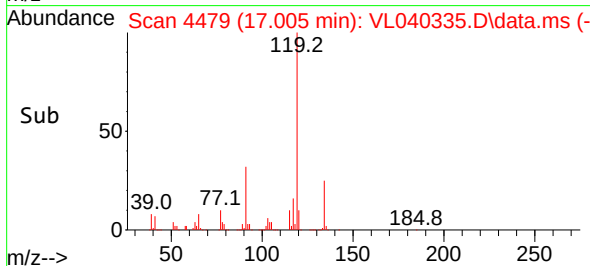
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



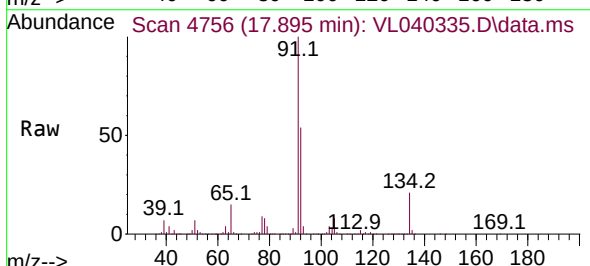
Tgt Ion:119 Resp: 3711138
Ion Ratio Lower Upper
119 100
134 25.6 20.2 30.2
91 31.9 25.1 37.7

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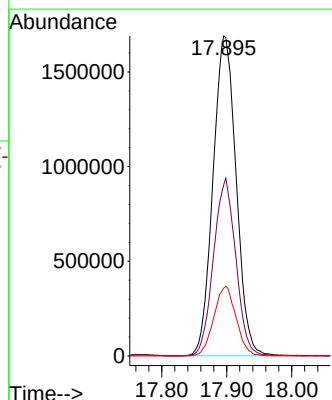
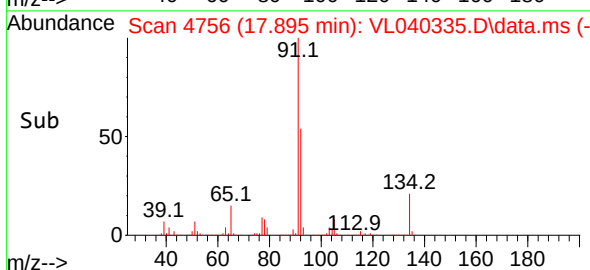
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

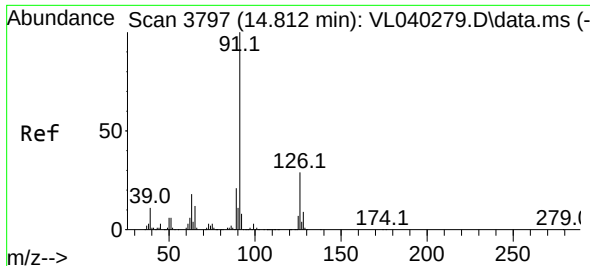


#70
n-Butylbenzene
Concen: 10.447 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05



Tgt Ion: 91 Resp: 4178539
Ion Ratio Lower Upper
91 100
92 53.5 42.9 64.3
134 21.0 16.8 25.2





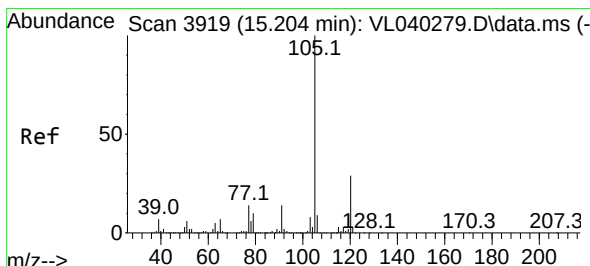
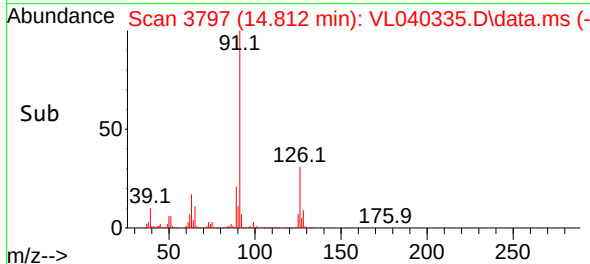
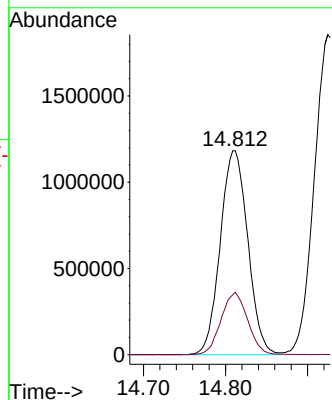
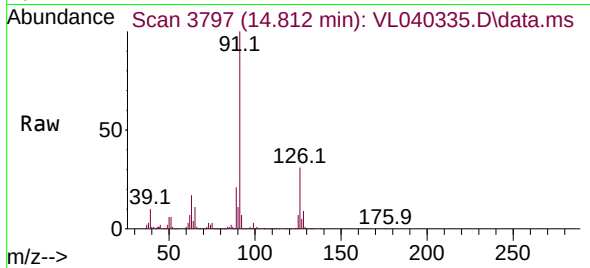
#71
2-Chlorotoluene
Concen: 9.584 ppbv
RT: 14.812 min Scan# 3797
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2759129
Ion Ratio Lower Upper
91 100
126 29.5 11.8 47.4

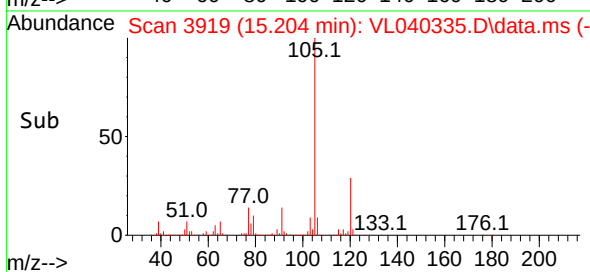
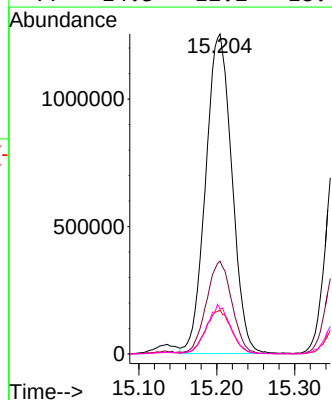
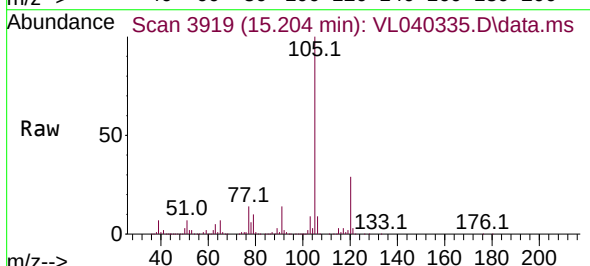
Manual Integrations
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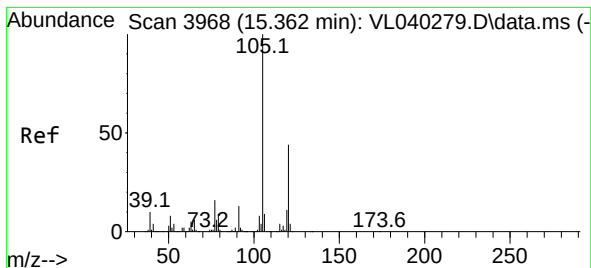
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#72
4-Ethyltoluene
Concen: 10.098 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Tgt Ion:105 Resp: 2932711
Ion Ratio Lower Upper
105 100
120 28.5 23.7 35.5
91 13.5 11.6 17.4
77 14.3 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 9.957 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. -0.000 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 2619274

Ion Ratio Lower Upper

105 100

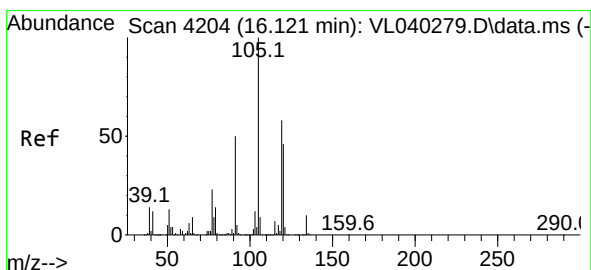
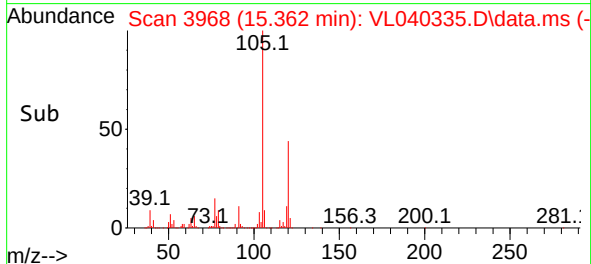
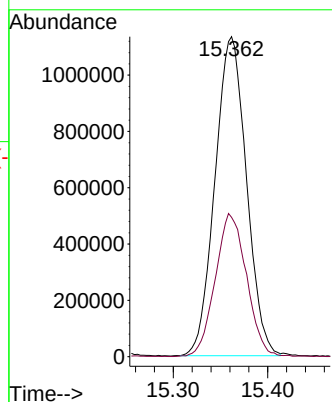
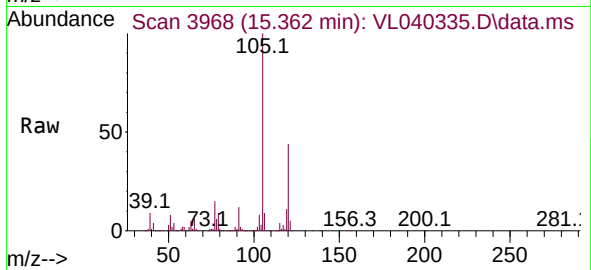
120 43.5 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.656 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. -0.004 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

Tgt Ion:105 Resp: 2896654

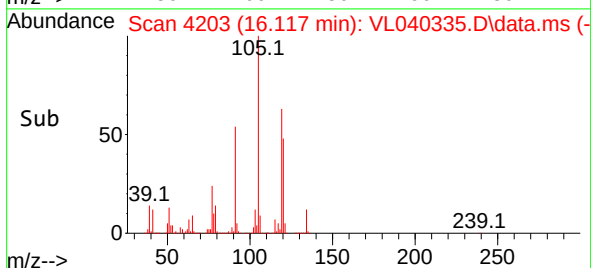
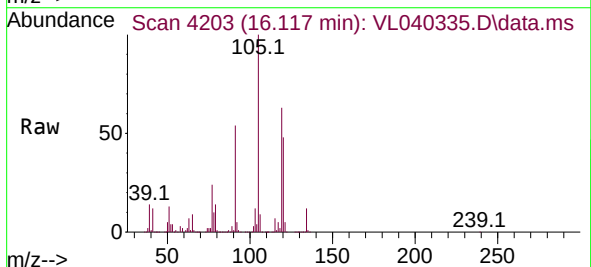
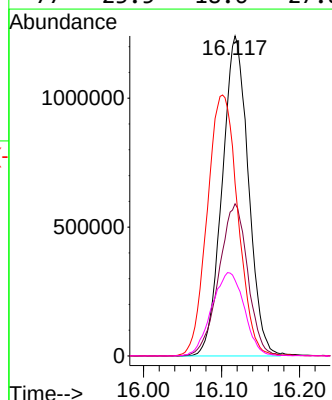
Ion Ratio Lower Upper

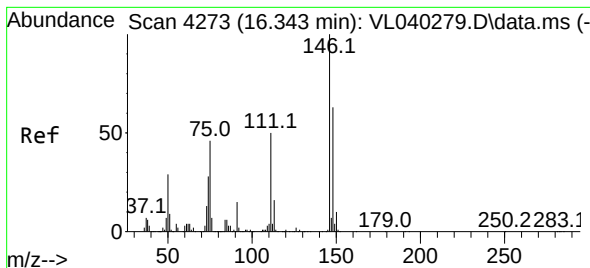
105 100

120 47.5 36.6 54.8

91 53.7 39.9 59.9

77 23.5 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 9.911 ppbv

RT: 16.339 min Scan# 41

Delta R.T. -0.004 min

Lab File: VL040335.D

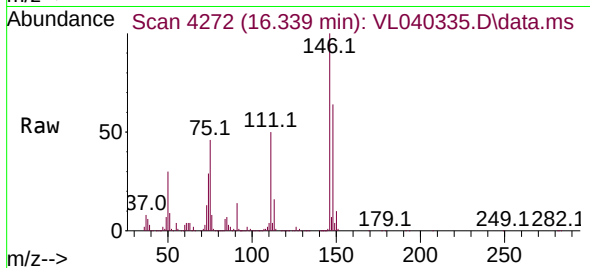
Acq: 12 Apr 2023 10:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 161038

Ion Ratio Lower Upper

146 100

111 49.0 24.3 73.0

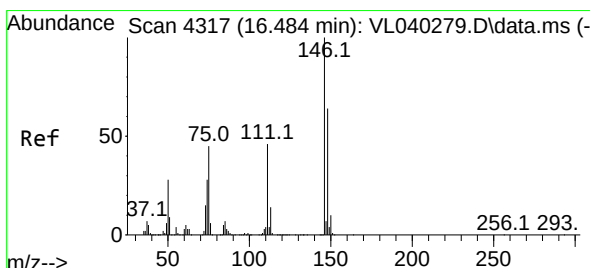
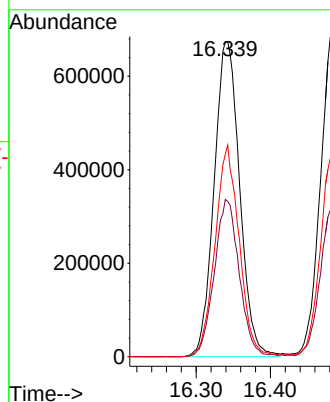
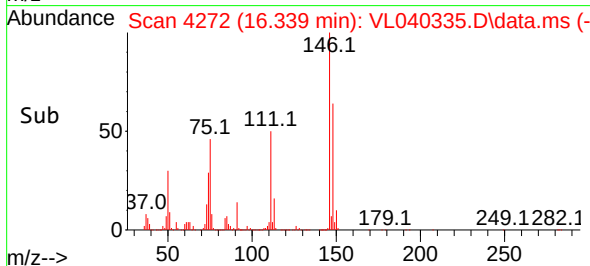
148 63.6 31.9 95.5

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Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#76

1,4-Dichlorobenzene

Concen: 10.074 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. -0.003 min

Lab File: VL040335.D

Acq: 12 Apr 2023 10:05

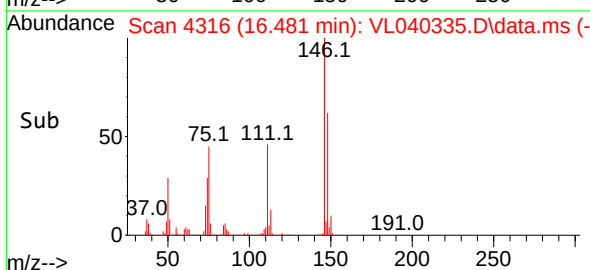
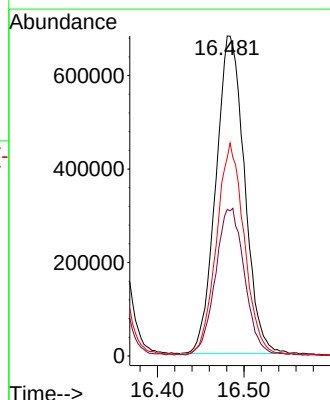
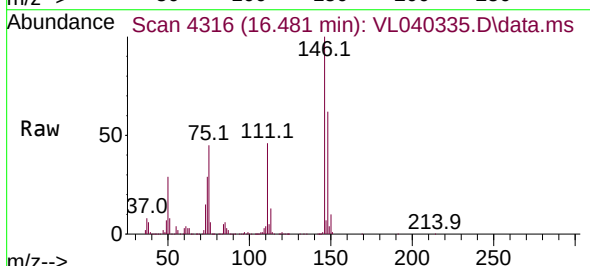
Tgt Ion:146 Resp: 1561136

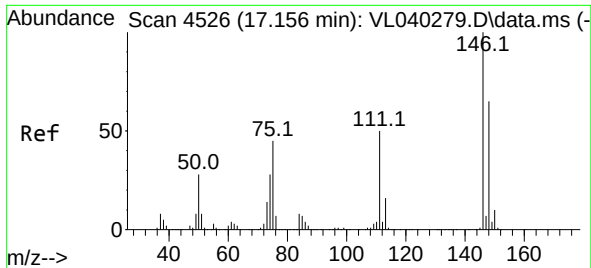
Ion Ratio Lower Upper

146 100

111 48.0 23.8 71.2

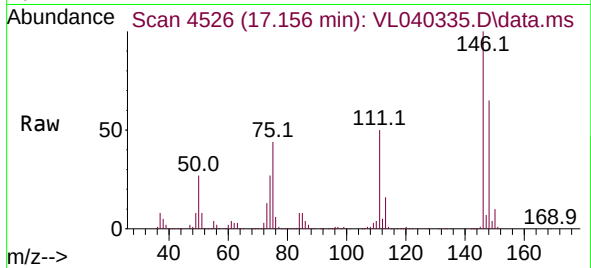
148 66.2 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 10.184 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

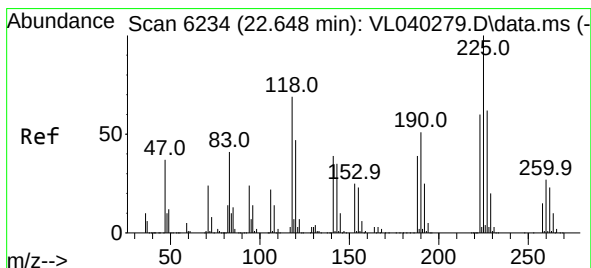
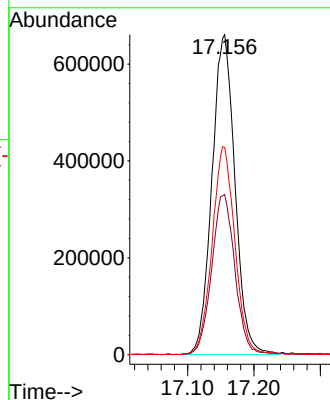
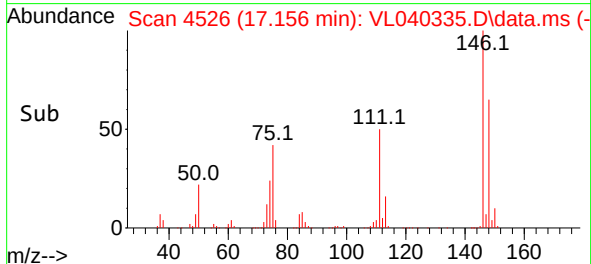
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 1590480
Ion Ratio Lower Upper
146 100
111 50.5 25.2 75.6
148 64.7 32.1 96.3

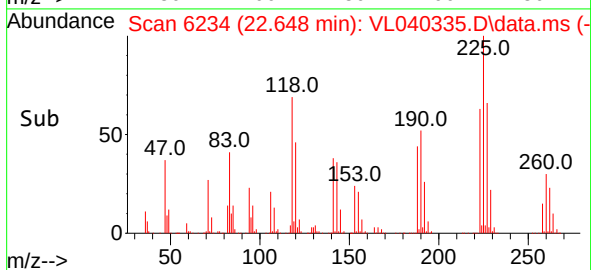
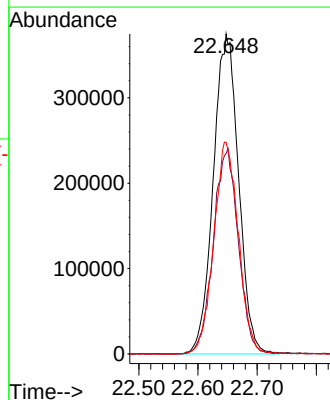
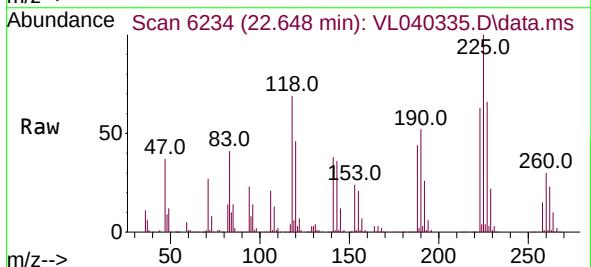
Manual Integrations
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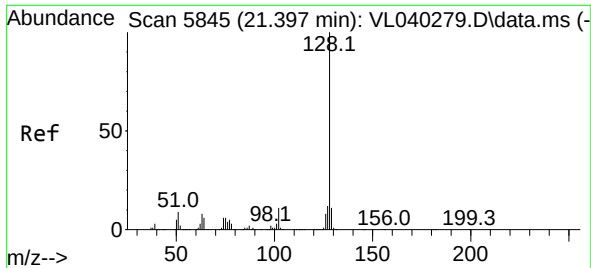
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#78
Hexachloro-1,3-Butadiene
Concen: 9.705 ppbv m
RT: 22.648 min Scan# 6234
Delta R.T. -0.000 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

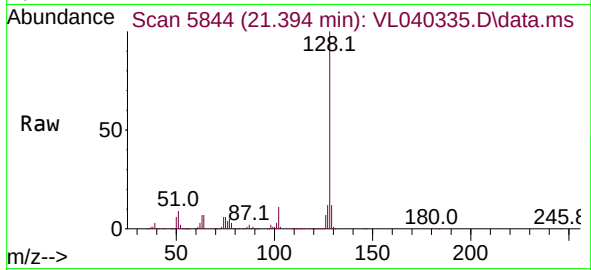
Tgt Ion:225 Resp: 1111542
Ion Ratio Lower Upper
225 100
223 63.3 51.0 76.6
227 64.8 51.4 77.2





#79
Naphthalene
Concen: 12.928 ppbv
RT: 21.394 min Scan# 5845
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

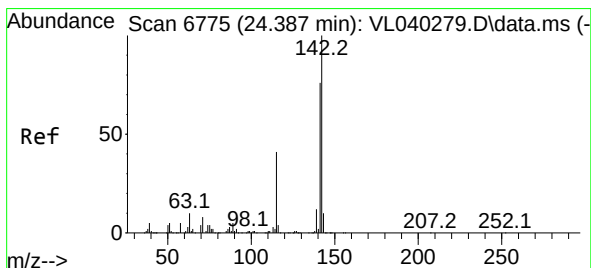
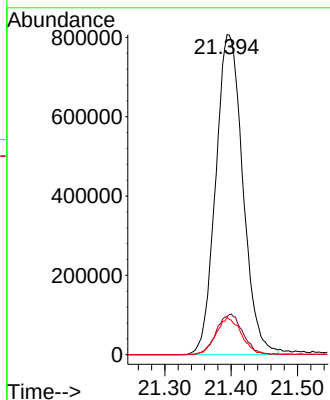
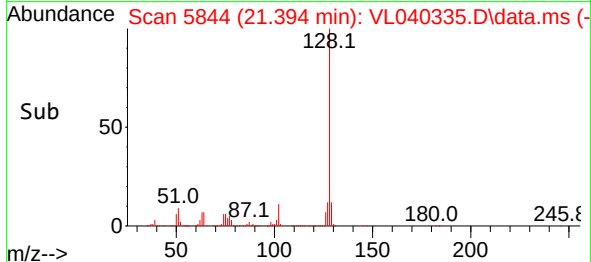
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



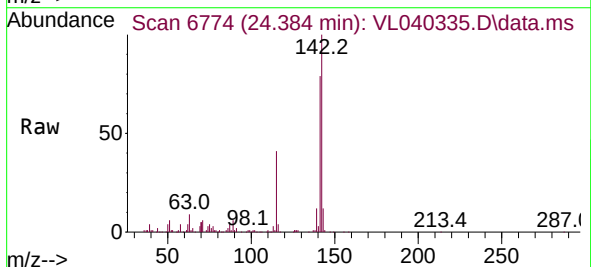
Tgt Ion:128 Resp: 229422
Ion Ratio Lower Upper
128 100
127 11.8 9.6 14.4
129 11.7 8.6 13.0

Manual Integrations
APPROVED

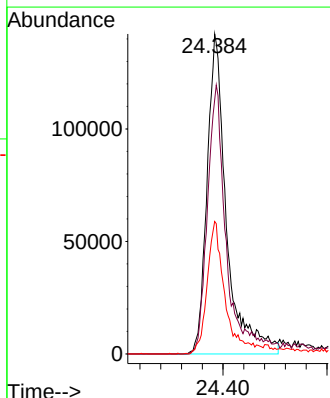
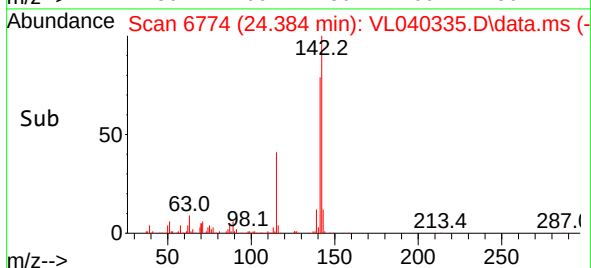
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

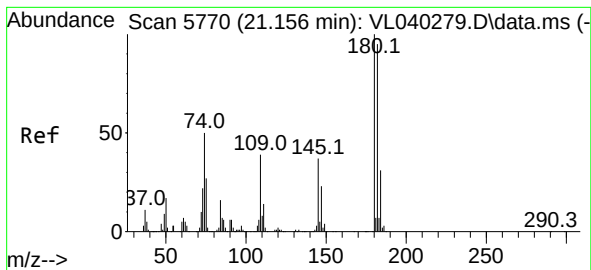


#80
Naphthalene,2-methyl-
Concen: 8.251 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. -0.003 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05



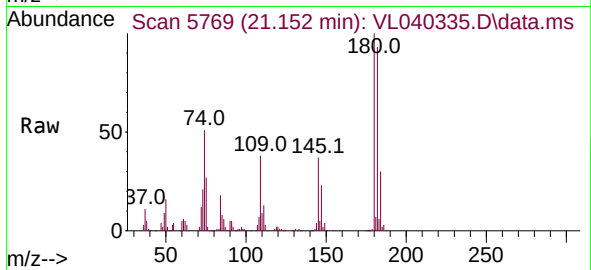
Tgt Ion:142 Resp: 370842
Ion Ratio Lower Upper
142 100
141 85.8 65.5 98.3
115 40.1 33.5 50.3





#81
1,2,4-Trichlorobenzene
Concen: 11.144 ppbv
RT: 21.152 min Scan# 51
Delta R.T. -0.004 min
Lab File: VL040335.D
Acq: 12 Apr 2023 10:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1218070
Ion Ratio Lower Upper
180 100
182 96.0 76.1 114.1
184 31.1 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

